

	larva(0)	larva(1)	larva(2)	larva(3)	larva(4)	larva(5)	larva(6)
mom_x(0)	1188	1436	1686	1172	1608	1221	1368
mom_x(1)	1187	1434	1692	1174	1610	1224	1369
mom_x(2)	1181	1433	1697	1179	1611	1227	1369
mom_x(3)	1178	1432	1702	1181	1613	1231	1370
mom_x(4)	1174	1431	1709	1182	1614	1235	1371
mom_x(5)	1170	1431	1715	1187	1614	1240	1371
mom_x(6)	1168	1431	1721	1189	1616	1241	1372
mom_x(7)	1163	1430	1727	1194	1616	1243	1373
mom_x(8)	1157	1428	1731	1195	1617	1245	1373
mom_x(9)	1153	1428	1736	1200	1617	1249	1373
mom_x(10)	1147	1427	1742	1203	1617	1253	1374
mom_x(11)	1144	1427	1744	1207	1616	1256	1374
mom_x(12)	1144	1428	1744	1210	1616	1261	1373
mom_x(13)	1144	1428	1743	1215	1615	1265	1373
mom_x(14)	1143	1428	1743	1217	1612	1269	1373
mom_x(15)	1141	1428	1747	1222	1610	1273	1373
mom_x(16)	1136	1428	1750	1222	1608	1276	1373
mom_x(17)	1136	1427	1750	1222	1606	1278	1373
mom_x(18)	1138	1428	1751	1222	1605	1280	1374
mom_x(19)	1138	1428	1757	1222	1602	1287	1374
mom_x(20)	1142	1428	1758	1224	1599	1289	1375
mom_x(21)	1144	1430	1755	1224	1595	1292	1376
mom_x(22)	1148	1428	1753	1226	1592	1295	1376
mom_x(23)	1152	1428	1753	1228	1588	1296	1378
mom_x(24)	1156	1427	1751	1229	1585	1297	1379
mom_x(25)	1160	1426	1748	1229	1582	1296	1380
mom_x(26)	1165	1427	1745	1229	1578	1294	1381
mom_x(27)	1165	1427	1745	1229	1578	1294	1381
mom_x(28)	1169	1429	1741	1229	1576	1293	1382
mom_x(29)	1172	1431	1737	1228	1574	1293	1383
mom_x(30)	1176	1432	1734	1228	1569	1292	1384
mom_x(31)	1177	1434	1729	1228	1567	1290	1385
mom_x(32)	1182	1437	1726	1226	1564	1286	1384
mom_x(33)	1187	1438	1722	1225	1560	1282	1385
mom_x(34)	1189	1435	1719	1222	1560	1278	1384
mom_x(35)	1196	1435	1715	1221	1561	1275	1384
mom_x(36)	1199	1431	1711	1219	1561	1272	1385
mom_x(37)	1201	1429	1706	1217	1560	1269	1387
mom_x(38)	1207	1429	1702	1215	1557	1267	1391
mom_x(39)	1208	1427	1699	1214	1554	1266	1391
mom_x(40)	1208	1426	1693	1212	1550	1265	1389
mom_x(41)	1215	1425	1689	1210	1548	1266	1384
mom_x(42)	1218	1424	1685	1208	1546	1266	1382
mom_x(43)	1224	1424	1680	1206	1542	1266	1378
mom_x(44)	1226	1427	1676	1203	1539	1267	1373
mom_x(45)	1230	1430	1670	1201	1537	1267	1369
mom_x(46)	1234	1433	1665	1197	1534	1268	1368
mom_x(47)	1236	1435	1659	1195	1530	1269	1371
mom_x(48)	1238	1437	1656	1190	1526	1271	1372

mom_x(49)	1240	1439	1650	1188	1523	1273	1372
mom_x(50)	1243	1438	1646	1185	1518	1275	1372
mom_x(51)	1245	1439	1638	1181	1515	1277	1374
mom_x(52)	1247	1437	1634	1178	1511	1279	1376
mom_x(53)	1248	1438	1628	1175	1507	1281	1377
mom_x(54)	1248	1439	1621	1171	1504	1284	1375
mom_x(55)	1249	1439	1617	1167	1499	1286	1372
mom_x(56)	1251	1440	1614	1161	1497	1288	1369
mom_x(57)	1252	1441	1608	1158	1493	1292	1365
mom_x(58)	1253	1441	1604	1153	1489	1296	1364
mom_x(59)	1254	1442	1598	1149	1485	1301	1360
mom_x(60)	1255	1443	1593	1145	1481	1302	1357
mom_x(61)	1257	1443	1589	1142	1477	1304	1354
mom_x(62)	1258	1443	1584	1136	1475	1308	1351
mom_x(63)	1259	1443	1578	1132	1473	1310	1350
mom_x(64)	1259	1442	1573	1127	1475	1313	1345
mom_x(65)	1258	1442	1568	1122	1477	1316	1343
mom_x(66)	1260	1441	1563	1116	1479	1319	1339
mom_x(67)	1260	1440	1557	1111	1480	1323	1336
mom_x(68)	1261	1440	1552	1106	1481	1324	1333
mom_x(69)	1262	1439	1547	1101	1481	1328	1328
mom_x(70)	1263	1438	1543	1097	1481	1328	1326
mom_x(71)	1266	1439	1540	1091	1481	1328	1323
mom_x(72)	1268	1437	1535	1086	1481	1331	1318
mom_x(73)	1271	1436	1529	1083	1481	1333	1316
mom_x(74)	1274	1433	1524	1079	1479	1336	1317
mom_x(75)	1276	1432	1518	1075	1476	1338	1319
mom_x(76)	1277	1431	1512	1073	1474	1341	1319
mom_x(77)	1279	1430	1506	1070	1470	1344	1319
mom_x(78)	1281	1424	1500	1067	1466	1349	1316
mom_x(79)	1284	1423	1493	1065	1462	1353	1313
mom_x(80)	1285	1422	1488	1063	1459	1359	1312
mom_x(81)	1287	1420	1482	1062	1454	1363	1310
mom_x(82)	1290	1415	1475	1060	1451	1369	1308
mom_x(83)	1292	1411	1468	1060	1446	1372	1307
mom_x(84)	1294	1409	1462	1059	1444	1377	1306
mom_x(85)	1295	1406	1454	1059	1443	1381	1304
mom_x(86)	1298	1404	1448	1058	1439	1387	1303
mom_x(87)	1299	1399	1442	1057	1436	1390	1302
mom_x(88)	1303	1395	1436	1056	1431	1395	1301
mom_x(89)	1304	1392	1428	1054	1429	1397	1303
mom_x(90)	1308	1390	1422	1052	1424	1400	1303
mom_x(91)	1312	1387	1417	1050	1421	1402	1302
mom_x(92)	1315	1383	1412	1049	1417	1404	1298
mom_x(93)	1320	1379	1406	1049	1414	1406	1295
mom_x(94)	1318	1377	1399	1047	1410	1407	1290
mom_x(95)	1318	1374	1395	1046			1288
mom_x(96)	1316	1372	1389	1045			1290
mom_x(97)	1314	1371	1384	1045			1290
mom_x(98)	1317	1365	1379	1045			1295

mom_x(99)	1316	1363	1373	1044			1298
mom_x(100)	1317	1362	1368	1043			1298
mom_x(101)	1314	1358	1362	1044			1301
mom_x(102)	1312	1357	1356	1045			1305
mom_x(103)	1313	1355	1351	1046	1386	1395	1306
mom_x(104)	1313	1352	1347	1050	1383	1392	1304
mom_x(105)	1310	1350	1340	1050	1381	1389	1302
mom_x(106)	1310	1349	1334	1053	1379	1383	1297
mom_x(107)	1309	1346	1331	1054	1376	1378	1293
mom_x(108)	1306	1345	1333	1055	1374	1378	1289
mom_x(109)	1302	1345	1333	1056	1371	1376	1285
mom_x(110)	1299	1344	1335	1057	1370	1371	1280
mom_x(111)	1295	1344	1333	1060	1368	1370	1276
mom_x(112)	1291	1347	1332	1061	1367	1370	1271
mom_x(113)	1288	1349	1328	1063	1364	1368	1267
mom_x(114)	1283	1351	1323	1065	1363	1366	1262
mom_x(115)	1279	1354	1315	1069	1362	1363	1259
mom_x(116)	1274	1354	1309	1072	1360	1361	1252
mom_x(117)	1269	1356	1302	1076	1357	1359	1250
mom_x(118)	1264	1357	1296	1080	1358	1358	1246
mom_x(119)	1261	1356	1290	1085	1357	1358	1242
mom_x(120)	1255	1354	1286	1090	1356	1356	1235
mom_x(121)	1253	1352	1281	1095	1355	1356	1232
mom_x(122)	1247	1349	1277	1100	1354	1356	1232
mom_x(123)	1244	1348	1275	1105	1353	1355	1233
mom_x(124)	1241	1346	1271	1109	1352	1353	1237
mom_x(125)	1237	1346	1268	1113	1351	1353	1237
mom_x(126)	1231	1345	1266	1118	1350	1353	1237
mom_x(127)	1229	1344	1263	1124	1350	1351	1238
mom_x(128)	1224	1344	1261	1129	1349	1351	1237
mom_x(129)	1220	1345	1259	1134	1349	1356	1240
mom_x(130)	1218	1345	1256	1137	1349	1359	1245
mom_x(131)	1213	1345	1255	1142	1349	1363	1250
mom_x(132)	1209	1344	1254	1147	1350	1367	1254
mom_x(133)	1206	1345	1253	1152	1352	1370	1260
mom_x(134)	1200	1345	1252	1156	1352	1373	1264
mom_x(135)	1198	1347	1250	1161	1354	1374	1269
mom_x(136)	1192	1348	1249	1165	1355	1375	1274
mom_x(137)	1189	1349	1248	1171	1356	1376	1280
mom_x(138)	1186	1352	1247	1173	1357	1376	1284
mom_x(139)	1180	1353	1246	1178	1359	1376	1288
mom_x(140)	1177	1355	1245	1181	1361	1376	1291
mom_x(141)	1173	1358	1244	1186	1363	1376	1296
mom_x(142)	1171	1359	1243	1188	1365	1376	1299
mom_x(143)	1167	1362	1242	1193	1369	1377	1304
mom_x(144)	1162	1366	1242	1195	1372	1378	1306
mom_x(145)	1160	1367	1243	1200	1376	1379	1307
mom_x(146)	1153	1369	1244	1204	1380	1380	1307
mom_x(147)	1151	1374	1245	1210	1384	1381	1307
mom_x(148)	1144	1376	1245	1212	1388	1383	1310

mom_x(149)	1142	1381	1246	1219	1392	1384	1313
mom_x(150)	1138	1383	1246	1222	1395	1387	1316
mom_x(151)	1135	1384	1247	1226	1400	1388	1319
mom_x(152)	1133	1386	1247	1230	1405	1393	1321
mom_x(153)	1129	1391	1248	1236	1408	1396	1324
mom_x(154)	1126	1393	1248	1239	1412	1401	1327
mom_x(155)	1122	1395	1249	1246	1415	1405	1329
mom_x(156)	1120	1399	1250	1250	1420	1411	1331
mom_x(157)	1116	1402	1251	1255	1423	1415	1332
mom_x(158)	1114	1403	1251	1261	1426	1420	1333
mom_x(159)	1111	1407	1252	1265	1429	1424	1334
mom_x(160)	1108	1411	1253	1271	1434	1426	1336
mom_x(161)	1106	1412	1255	1275	1437	1431	1336
mom_x(162)	1103	1414	1257	1282	1441	1434	1338
mom_x(163)	1101	1417	1259	1286	1444	1436	1338
mom_x(164)	1098	1417	1262	1291	1447	1441	1340
mom_x(165)	1097	1418	1266	1296	1450	1443	1340
mom_x(166)	1094	1420	1269	1301	1452	1447	1340
mom_x(167)	1092	1422	1271	1307	1454	1452	1341
mom_x(168)	1091	1422	1272	1311	1456	1455	1341
mom_x(169)	1087	1424	1274	1315	1457	1457	1342
mom_x(170)	1085	1425	1276	1318	1458	1461	1342
mom_x(171)	1081	1424	1277	1322	1459	1464	1343
mom_x(172)	1079	1425	1278	1323	1460	1468	1343
mom_x(173)	1075	1423	1278	1325	1461	1469	1343
mom_x(174)	1071	1425	1278	1324	1461	1472	1343
mom_x(175)	1068	1427	1278	1325	1460	1473	1343
mom_x(176)	1064	1429	1278	1324	1461	1475	1343
mom_x(177)	1062	1430	1278	1323	1461	1475	1343
mom_x(178)	1057	1431	1278	1323	1461	1475	1342
mom_x(179)	1056	1435	1278	1323	1461		1341
mom_x(180)	1057	1435	1278	1323	1461		1341
mom_x(181)	1057	1438	1278	1322	1461		1340
mom_x(182)	1056	1439	1277	1321	1459		1338
mom_x(183)	1053	1439	1278	1320	1461		1337
mom_x(184)	1050	1442	1278	1318	1461		1335
mom_x(185)	1047	1444	1279	1316	1461		1335
mom_x(186)	1045	1445	1281	1314	1460		1333
mom_x(187)	1042	1447	1283	1314	1459		1333
mom_x(188)	1041	1448	1285	1314	1458		1331
mom_x(189)	1041	1449	1287	1313	1458		1330
mom_x(190)	1041	1451	1289	1312	1459		1327
mom_x(191)	1040	1452	1292	1309	1461	1448	1325
mom_x(192)	1039	1454	1293	1307	1461	1447	1322
mom_x(193)	1038	1457	1296	1304	1461	1447	1320
mom_x(194)	1037	1457	1298	1299	1461	1448	1316
mom_x(195)	1034	1459	1301	1297	1462	1450	1313
mom_x(196)	1032	1461	1304	1295	1463	1451	1310
mom_x(197)	1029	1461	1309	1291	1463	1455	1306
mom_x(198)	1027	1462	1312	1289	1463	1456	1303

mom_x(199)	1025	1463	1316	1287	1464	1458	1298
mom_x(200)	1024	1463	1322	1286	1463	1460	1296
mom_x(201)	1024	1464	1325	1284	1464	1462	1291
mom_x(202)	1022	1466	1330	1283	1464	1463	1288
mom_x(203)	1021	1466	1335	1283	1463	1465	1283
mom_x(204)	1020	1467	1339	1283	1464	1466	1280
mom_x(205)	1018	1470	1344	1283	1464	1468	1275
mom_x(206)	1016	1470	1350	1285	1464	1468	1273
mom_x(207)	1014	1471	1356	1285	1464	1470	1269
mom_x(208)	1012	1472	1363	1287	1464	1472	1267
mom_x(209)	1010	1472	1368	1288	1464	1473	1263
mom_x(210)	1007	1473	1375	1289	1464	1476	1258
mom_x(211)	1003	1473	1383	1291	1464	1476	1255
mom_x(212)	1001	1473	1386	1290	1464	1478	1249
mom_x(213)	996	1474	1392	1290	1465	1479	1248
mom_x(214)	994	1474	1398	1289	1465	1481	1245
mom_x(215)	990	1474	1403	1289	1465	1482	1241
mom_x(216)	984	1473	1410	1290	1465	1483	1239
mom_x(217)	982	1474	1415	1292	1465	1485	1235
mom_x(218)	976	1474	1421	1295	1464	1485	1232
mom_x(219)	973	1474	1427	1300	1463	1485	1227
mom_x(220)	967	1473	1433	1304	1463	1486	1224
mom_x(221)	964	1475	1435	1309	1463	1486	1219
mom_x(222)	963	1475	1441	1314	1463	1487	1216
mom_x(223)	958	1475	1447	1317	1464	1489	1210
mom_x(224)	955	1477	1452	1320	1465	1492	1207
mom_x(225)	954	1476	1459	1324	1465	1493	1201
mom_x(226)	949	1476	1463	1326	1466	1496	1199
mom_x(227)	947	1475	1467	1327	1467	1498	1198
mom_x(228)	945	1475	1473	1331	1468	1500	1192
mom_x(229)	946	1476	1477	1335	1469	1504	1188
mom_x(230)	945	1476	1482	1337	1470	1506	1182
mom_x(231)	943	1477	1486	1342	1470	1509	1178
mom_x(232)	946	1478	1490	1345	1471	1512	1171
mom_x(233)	949	1475	1495	1348	1472	1514	1168
mom_x(234)	949	1473	1499	1351	1474	1518	1161
mom_x(235)	950	1471	1503	1353	1475	1522	1158
mom_x(236)	951	1470	1507	1356	1476	1523	1152
mom_x(237)	953	1468	1510	1357	1477	1528	1148
mom_x(238)	955	1466	1514		1478	1532	1143
mom_x(239)	958	1468	1519		1478	1533	1139
mom_x(240)	960	1469	1523		1479	1539	1136
mom_x(241)	963	1470	1525	1362	1480	1541	1131
mom_x(242)	967	1469	1527	1360	1480	1546	1127
mom_x(243)	970		1528	1358		1552	1122
mom_x(244)	976		1528	1357		1554	1118
mom_x(245)	979		1530	1356		1560	1113
mom_x(246)	986		1531	1359		1563	1109
mom_x(247)	989		1531	1359		1566	1105
mom_x(248)	993		1531	1359		1572	1101

mom_x(249)	996		1533	1358		1573	1097
mom_x(250)	1002		1533	1357		1579	1094
mom_x(251)	1006		1534	1355		1582	1091
mom_x(252)	1010		1536	1353		1583	1089
mom_x(253)	1013		1537	1351		1587	1087
mom_x(254)	1017		1537	1350		1591	1085
mom_x(255)	1022		1538	1349		1595	1086
mom_x(256)	1026		1537	1348		1598	1089
mom_x(257)	1031	1466	1536	1347	1471	1600	1089
mom_x(258)	1033	1466	1536	1347	1470	1606	1088
mom_x(259)	1039	1464	1534	1347	1468	1610	1085
mom_x(260)	1042	1462	1533	1346	1466	1614	1081
mom_x(261)	1047	1461	1531	1346	1464	1616	1076
mom_x(262)	1050	1458	1529	1346	1463	1620	1072
mom_x(263)	1054	1456	1526	1347	1460	1625	1068
mom_x(264)	1058	1454	1523	1348	1459	1627	1065
mom_x(265)	1062	1454	1521	1351	1456	1632	1061
mom_x(266)	1065	1450	1518	1352	1455	1635	1055
mom_x(267)	1067	1448	1516	1355	1452	1635	1053
mom_x(268)	1070	1446	1514	1359	1450	1638	1049
mom_x(269)	1072	1443	1512	1361	1448	1640	1044
mom_x(270)	1073	1442	1510	1363	1446	1641	1041
mom_x(271)	1075	1439	1509	1365	1443	1642	1038
mom_x(272)	1077	1436	1507	1368	1440	1644	1034
mom_x(273)	1078	1436	1505	1371	1438	1646	1033
mom_x(274)	1079	1434	1501	1374	1434	1648	1034
mom_x(275)	1080	1432	1497	1377	1431	1650	1035
mom_x(276)	1082	1430	1492	1380	1428	1653	1037
mom_x(277)	1083	1429	1488	1383	1425	1655	1040
mom_x(278)	1086	1426	1488	1387	1423	1658	1042
mom_x(279)	1086	1423	1491	1390	1419	1661	1044
mom_x(280)	1087	1423	1495	1394	1418	1663	1044
mom_x(281)	1087	1421	1499	1397	1415	1667	1044
mom_x(282)	1087	1417	1504	1402	1412	1669	1043
mom_x(283)	1086	1416	1508	1405	1409	1672	1045
mom_x(284)	1086	1414	1512	1408	1407	1674	1046
mom_x(285)	1086	1410	1514	1412	1403	1676	1045
mom_x(286)	1086	1407	1519	1416	1401	1679	1045
mom_x(287)	1086	1406	1523	1420	1398	1681	1045
mom_x(288)	1086	1405	1527	1423	1394	1684	1046
mom_x(289)	1085	1399	1531	1429	1392	1685	1046
mom_x(290)	1085	1398	1535	1432	1389	1687	1046
mom_x(291)	1085	1396	1539	1437	1387	1688	1045
mom_x(292)	1085	1390	1540	1441	1383	1688	1045
mom_x(293)	1084	1388	1543	1445	1380	1689	1044
mom_x(294)	1083	1386	1547	1450	1377	1690	1044
mom_x(295)	1081	1380	1550	1454	1373	1690	1043
mom_x(296)	1080	1379	1553	1456	1371	1689	1042
mom_x(297)	1077	1377	1556	1463	1369	1688	1042
mom_x(298)	1075	1373	1562	1466	1367	1686	1042

mom_x(299)	1071	1371	1567	1472	1365	1685	1041
mom_x(300)	1068	1370	1571	1476	1363	1682	1040
mom_x(301)	1063	1365	1574	1480	1362	1681	1039
mom_x(302)	1060	1361	1575	1485	1359	1679	1038
mom_x(303)	1056	1359	1571	1488	1356	1678	1038
mom_x(304)	1053	1358	1565	1492	1354	1677	1037
mom_x(305)	1053	1354	1560	1494	1356	1676	1037
mom_x(306)	1049	1352	1556	1499	1356	1675	1037
mom_x(307)	1046	1350	1553	1503	1355	1674	1034
mom_x(308)	1044	1346	1549	1507	1354	1672	1031
mom_x(309)	1039	1344	1545	1509	1356	1671	1027
mom_x(310)	1037	1343	1541	1513	1358	1669	1025
mom_x(311)	1034	1338	1539	1515	1359	1668	1026
mom_x(312)	1030	1337	1534	1520	1359	1667	1029
mom_x(313)	1028	1335	1529	1522	1362	1666	1029
mom_x(314)	1024	1330	1524	1524	1363	1664	1028
mom_x(315)	1020	1328	1518	1527	1363	1663	1026
mom_x(316)	1017	1326	1513	1531	1364	1662	1025
mom_x(317)	1013	1323	1508	1535	1366	1661	1029
mom_x(318)	1009	1320	1503	1537	1368	1661	1032
mom_x(319)	1005	1317	1497	1541	1371	1661	1036
mom_x(320)	1002	1312	1494	1544	1374	1661	1040
mom_x(321)	998	1311	1489	1546	1376	1661	1045
mom_x(322)	996	1309	1484	1548	1379	1661	1048
mom_x(323)	992	1305	1478	1548	1382	1661	1052
mom_x(324)	990	1304	1471	1549	1383	1660	1053
mom_x(325)	985	1302	1466	1549	1385	1659	1058
mom_x(326)	981	1298	1461	1548	1388	1658	1060
mom_x(327)	977	1296	1458	1548	1390	1659	1057
mom_x(328)	973	1295	1452	1547	1393	1659	1053
mom_x(329)	972	1290	1445	1545	1396	1660	1051
mom_x(330)	968	1288	1439	1543	1400	1660	1048
mom_x(331)	964	1286	1433	1542	1403	1661	1047
mom_x(332)	964	1282	1426	1539	1407	1662	1048
mom_x(333)	965	1280	1421	1537	1411	1663	1049
mom_x(334)	966	1276	1416	1533	1415	1663	1049
mom_x(335)	967	1273	1410	1531	1418	1662	1047
mom_x(336)	967	1272	1405	1527	1421	1661	1043
mom_x(337)	968	1270	1401	1524	1424	1660	1040
mom_x(338)	968	1266	1395	1519	1426	1658	1037
mom_x(339)	970	1265	1389	1515	1430	1656	1034
mom_x(340)	973	1265	1384	1509	1432	1654	1032
mom_x(341)	976	1263	1379	1504	1434	1652	1030
mom_x(342)	979	1258	1374	1498	1437	1652	1027
mom_x(343)	983	1257	1370	1493	1440	1652	1025
mom_x(344)	986	1257	1367	1487	1443	1650	1024
mom_x(345)	991	1256	1363	1482	1445	1649	1022
mom_x(346)	995	1252	1360	1476	1448	1647	1021
mom_x(347)	999	1251	1359	1470	1450	1646	1020
mom_x(348)	1002	1248	1362	1468	1454	1644	1020

mom_x(349)	1005	1246	1364	1461	1456	1644	1019
mom_x(350)	1009	1244	1362	1456	1459	1645	1019
mom_x(351)	1012	1241	1364	1451	1461	1644	1018
mom_x(352)	1015	1239	1366	1445	1462	1646	1018
mom_x(353)	1019	1236	1366	1441	1463	1648	1017
mom_x(354)	1021	1233	1368	1436	1465	1650	1017
mom_x(355)	1022	1233	1370	1432	1466	1650	1017
mom_x(356)	1024	1230	1373	1426	1467	1650	1018
mom_x(357)	1025	1229	1374	1423	1467	1648	1019
mom_x(358)	1026	1227	1377	1419	1469	1646	1021
mom_x(359)	1026	1225	1380	1416	1469	1646	1022
mom_y(0)	1369	1329	1078	1024	925	872	833
mom_y(1)	1369	1334	1076	1022	925	877	835
mom_y(2)	1371	1336	1075	1017	927	881	838
mom_y(3)	1373	1341	1073	1015	929	886	840
mom_y(4)	1375	1344	1072	1013	931	888	843
mom_y(5)	1378	1347	1071	1010	932	891	845
mom_y(6)	1380	1352	1071	1009	935	894	848
mom_y(7)	1384	1356	1070	1005	938	896	851
mom_y(8)	1386	1362	1069	1004	940	897	853
mom_y(9)	1388	1364	1069	1000	944	900	855
mom_y(10)	1390	1369	1070	998	947	902	857
mom_y(11)	1392	1372	1070	994	950	904	861
mom_y(12)	1392	1379	1068	991	953	906	861
mom_y(13)	1389	1381	1069	988	957	909	865
mom_y(14)	1387	1387	1072	986	960	910	867
mom_y(15)	1384	1390	1075	984	962	911	870
mom_y(16)	1381	1395	1079	982	965	911	874
mom_y(17)	1378	1399	1080	982	966	911	877
mom_y(18)	1375	1401	1079	986	967	909	880
mom_y(19)	1370	1406	1084	989	969	907	883
mom_y(20)	1367	1409	1086	993	971	905	885
mom_y(21)	1366	1415	1086	997	971	903	888
mom_y(22)	1364	1417	1089	1000	972	901	892
mom_y(23)	1360	1419	1094	1005	971	902	896
mom_y(24)	1358	1425	1101	1008	971	901	899
mom_y(25)	1356	1427	1108	1014	968	899	904
mom_y(26)	1354	1428	1114	1018	968	900	907
mom_y(27)	1354	1428	1114	1018	968	900	907
mom_y(28)	1351	1427	1121	1024	966	901	911
mom_y(29)	1349	1426	1128	1026	966	903	914
mom_y(30)	1345	1427	1136	1031	964	905	918
mom_y(31)	1346	1432	1143	1036	964	909	922
mom_y(32)	1345	1435	1150	1041	962	912	924
mom_y(33)	1344	1436	1155	1044	961	915	926
mom_y(34)	1344	1437	1161	1048	960	918	926
mom_y(35)	1343	1437	1167	1049	960	920	925
mom_y(36)	1343	1438	1173	1054	962	923	924
mom_y(37)	1343	1440	1180	1056	963	927	923
mom_y(38)	1341	1443	1184	1062	964	930	923

mom_y(39)	1340	1449	1187	1064	967	935	923
mom_y(40)	1339	1450	1190	1070	969	937	921
mom_y(41)	1336	1450	1193	1073	971	940	918
mom_y(42)	1334	1448	1197	1077	973	944	917
mom_y(43)	1329	1448	1199	1080	975	948	918
mom_y(44)	1328	1448	1200	1085	977	951	918
mom_y(45)	1323	1446	1202	1087	978	956	917
mom_y(46)	1319	1448	1203	1090	980	959	917
mom_y(47)	1315	1448	1204	1092	981	962	916
mom_y(48)	1311	1449	1204	1096	984	965	914
mom_y(49)	1309	1448	1204	1098	985	968	911
mom_y(50)	1304	1450	1204	1102	987	971	907
mom_y(51)	1300	1447	1205	1105	988	974	903
mom_y(52)	1295	1445	1206	1109	990	977	900
mom_y(53)	1293	1442	1206	1111	992	978	899
mom_y(54)	1288	1439	1206	1113	993	980	902
mom_y(55)	1284	1436	1205	1115	995	980	903
mom_y(56)	1278	1433	1207	1114	996	981	904
mom_y(57)	1274	1430	1209	1115	997	984	906
mom_y(58)	1269	1426	1210	1115	999	987	908
mom_y(59)	1265	1423	1212	1115	1000	990	908
mom_y(60)	1261	1420	1214	1114	1001	993	908
mom_y(61)	1257	1417	1216	1115	1001	995	909
mom_y(62)	1251	1411	1219	1117	1001	998	911
mom_y(63)	1247	1408	1222	1118	1002	1001	912
mom_y(64)	1242	1405	1225	1120	1003	1004	914
mom_y(65)	1239	1400	1228	1122	1001	1008	915
mom_y(66)	1235	1398	1230	1124	999	1012	917
mom_y(67)	1231	1391	1233	1125	996	1015	919
mom_y(68)	1227	1387	1235	1125	992	1017	920
mom_y(69)	1222	1386	1237	1125	991	1021	922
mom_y(70)	1220	1380	1239	1124	993	1024	923
mom_y(71)	1215	1376	1242	1125	996	1025	924
mom_y(72)	1214	1374	1245	1122	996	1031	927
mom_y(73)	1209	1372	1247	1120	997	1034	928
mom_y(74)	1205	1368	1249	1115	998	1039	927
mom_y(75)	1201	1366	1252	1110	1000	1042	928
mom_y(76)	1198	1365	1253	1105	1000	1048	931
mom_y(77)	1195	1363	1256	1099	1001	1051	933
mom_y(78)	1189	1362	1257	1094	1001	1054	936
mom_y(79)	1186	1361	1260	1091	1003	1057	941
mom_y(80)	1181	1361	1262	1085	1002	1060	943
mom_y(81)	1179	1359	1264	1081	1004	1061	947
mom_y(82)	1172	1358	1267	1077	1004	1063	952
mom_y(83)	1168	1359	1270	1073	1004	1063	955
mom_y(84)	1163	1360	1273	1069	1004	1064	960
mom_y(85)	1159	1361	1276	1065	1004	1063	965
mom_y(86)	1154	1362	1278	1062	1004	1061	967
mom_y(87)	1153	1361	1280	1057	1005	1058	972
mom_y(88)	1147	1365	1283	1054	1005	1053	974

mom_y(89)	1146	1367	1286	1048	1005	1050	974
mom_y(90)	1142	1368	1289	1045	1005	1045	974
mom_y(91)	1139	1370	1291	1040	1004	1041	971
mom_y(92)	1137	1371	1294	1036	1003	1036	969
mom_y(93)	1134	1376	1295	1032	1003	1032	967
mom_y(94)	1131	1378	1297	1027	1002	1029	966
mom_y(95)	1131	1380	1299	1022			965
mom_y(96)	1130	1385	1302	1018			965
mom_y(97)	1129	1387	1305	1014			967
mom_y(98)	1128	1391	1308	1008			966
mom_y(99)	1129	1395	1313	1005			966
mom_y(100)	1135	1396	1316	1000			968
mom_y(101)	1138	1400	1320	996			971
mom_y(102)	1138	1406	1324	991			974
mom_y(103)	1139	1408	1328	988	986	1009	975
mom_y(104)	1138	1412	1330	982	982	1008	974
mom_y(105)	1137	1417	1332	979	978	1008	972
mom_y(106)	1137	1419	1334	974	977	1008	970
mom_y(107)	1137	1422	1336	970	973	1008	967
mom_y(108)	1135	1430	1339	965	970	1009	965
mom_y(109)	1134	1432	1340	960	966	1009	964
mom_y(110)	1133	1435	1340	956	963	1007	963
mom_y(111)	1132	1441	1335	949	959	1005	962
mom_y(112)	1130	1444	1335	945	957	1001	961
mom_y(113)	1129	1447	1334	940	952	997	960
mom_y(114)	1126	1452	1333	937	950	993	959
mom_y(115)	1125	1456	1332	933	946	988	959
mom_y(116)	1124	1456	1329	930	944	984	958
mom_y(117)	1122	1454	1325	929	938	980	957
mom_y(118)	1121	1453	1321	926	937	975	956
mom_y(119)	1121	1453	1317	924	933	973	956
mom_y(120)	1119	1450	1313	922	930	969	956
mom_y(121)	1119	1447	1308	920	927	965	955
mom_y(122)	1117	1445	1304	917	922	964	954
mom_y(123)	1116	1442	1301	917	920	959	956
mom_y(124)	1116	1438	1295	917	916	955	960
mom_y(125)	1115	1434	1290	916	913	953	963
mom_y(126)	1114	1430	1285	917	908	952	965
mom_y(127)	1115	1427	1280	917	905	953	966
mom_y(128)	1115	1424	1274	917	901	952	964
mom_y(129)	1115	1421	1269	916	898	955	961
mom_y(130)	1116	1418	1263	916	894	956	959
mom_y(131)	1117	1415	1260	916	892	958	959
mom_y(132)	1118	1412	1253	916	888	961	958
mom_y(133)	1118	1409	1248	917	885	966	957
mom_y(134)	1119	1406	1242	918	884	970	956
mom_y(135)	1120	1403	1236	919	879	975	954
mom_y(136)	1121	1400	1231	920	876	979	952
mom_y(137)	1122	1398	1225	921	871	984	949
mom_y(138)	1123	1393	1220	922	869	987	946

mom_y(139)	1126	1390	1215	926	866	992	944
mom_y(140)	1127	1388	1209	928	864	995	942
mom_y(141)	1128	1383	1203	931	861	1000	938
mom_y(142)	1130	1380	1197	933	859	1002	935
mom_y(143)	1131	1378	1189	938	857	1008	932
mom_y(144)	1134	1375	1185	939	855	1012	929
mom_y(145)	1135	1374	1178	943	853	1017	928
mom_y(146)	1136	1370	1172	944	852	1021	928
mom_y(147)	1138	1369	1168	947	852	1026	931
mom_y(148)	1140	1368	1162	948	850	1029	934
mom_y(149)	1141	1366	1156	948	848	1035	938
mom_y(150)	1143	1364	1151	950	848	1038	942
mom_y(151)	1146	1364	1144	952	847	1040	946
mom_y(152)	1147	1362	1138	953	846	1044	950
mom_y(153)	1151	1359	1131	953	846	1046	954
mom_y(154)	1153	1358	1126	953	846	1048	958
mom_y(155)	1157	1358	1121	952	846	1048	964
mom_y(156)	1160	1354	1115	952	846	1049	968
mom_y(157)	1165	1352	1111	950	848	1048	972
mom_y(158)	1167	1351	1105	949	848	1047	977
mom_y(159)	1170	1349	1101	948	850	1044	981
mom_y(160)	1173	1343	1095	947	851	1043	987
mom_y(161)	1175	1340	1091	946	854	1040	992
mom_y(162)	1179	1337	1087	946	855	1036	998
mom_y(163)	1181	1333	1082	945	857	1035	1002
mom_y(164)	1186	1331	1078	945	859	1031	1008
mom_y(165)	1189	1328	1073	944	862	1030	1011
mom_y(166)	1193	1323	1069	944	864	1028	1017
mom_y(167)	1197	1320	1064	944	868	1025	1021
mom_y(168)	1197	1318	1061	945	870	1024	1028
mom_y(169)	1202	1314	1054	947	874	1022	1032
mom_y(170)	1203	1311	1049	950	876	1017	1038
mom_y(171)	1207	1310	1044	953	880	1014	1042
mom_y(172)	1209	1307	1039	955	883	1011	1047
mom_y(173)	1211	1301	1032	961	888	1008	1053
mom_y(174)	1214	1298	1025	965	892	1002	1057
mom_y(175)	1217	1293	1021	970	896	999	1062
mom_y(176)	1220	1289	1015	973	899	992	1067
mom_y(177)	1221	1288	1011	977	903	989	1074
mom_y(178)	1221	1285	1005	983	905	988	1078
mom_y(179)	1222	1280	1001	988	910		1084
mom_y(180)	1220	1277	995	993	913		1089
mom_y(181)	1218	1272	989	997	912		1092
mom_y(182)	1216	1269	985	1002	912		1099
mom_y(183)	1213	1268	980	1004	911		1104
mom_y(184)	1209	1262	976	1009	911		1110
mom_y(185)	1205	1259	971	1010	909		1113
mom_y(186)	1200	1257	966	1015	909		1120
mom_y(187)	1195	1253	960	1018	909		1123
mom_y(188)	1190	1250	957	1018	908		1128

mom_y(189)	1184	1247	951	1016	909		1132
mom_y(190)	1180	1242	947	1014	909		1138
mom_y(191)	1175	1240	941	1011	910	974	1142
mom_y(192)	1173	1235	938	1009	912	975	1147
mom_y(193)	1168	1232	932	1007	918	975	1151
mom_y(194)	1165	1230	928	1002	923	976	1155
mom_y(195)	1158	1226	923	1000	929	977	1159
mom_y(196)	1156	1223	919	997	934	978	1161
mom_y(197)	1151	1221	916	992	936	982	1165
mom_y(198)	1148	1217	912	989	941	984	1168
mom_y(199)	1145	1214	910	983	945	987	1173
mom_y(200)	1141	1213	906	980	948	990	1175
mom_y(201)	1139	1208	904	974	951	993	1180
mom_y(202)	1135	1205	901	970	954	996	1183
mom_y(203)	1131	1204	898	965	959	1001	1188
mom_y(204)	1126	1200	896	959	962	1004	1191
mom_y(205)	1122	1196	893	955	965	1009	1195
mom_y(206)	1116	1194	890	949	970	1013	1198
mom_y(207)	1113	1189	889	946	972	1017	1202
mom_y(208)	1108	1186	887	940	977	1020	1204
mom_y(209)	1105	1183	886	938	978	1023	1208
mom_y(210)	1101	1178	885	936	983	1028	1211
mom_y(211)	1100	1175	884	932	986	1030	1213
mom_y(212)	1099	1171	884	931	988	1037	1217
mom_y(213)	1096	1167	884	929	993	1040	1219
mom_y(214)	1096	1164	886	933	995	1044	1221
mom_y(215)	1095	1158	887	933	998	1049	1224
mom_y(216)	1095	1156	889	934	1001	1051	1226
mom_y(217)	1093	1151	891	934	1003	1057	1230
mom_y(218)	1093	1147	895	935	1007	1059	1232
mom_y(219)	1092	1146	898	936	1008	1060	1236
mom_y(220)	1092	1143	901	935	1012	1065	1238
mom_y(221)	1092	1139	902	935	1015	1067	1241
mom_y(222)	1092	1137	905	935	1019	1068	1243
mom_y(223)	1091	1132	907	935	1022	1072	1247
mom_y(224)	1093	1129	910	936	1026	1075	1249
mom_y(225)	1094	1127	914	937	1029	1077	1252
mom_y(226)	1096	1124	916	938	1034	1081	1252
mom_y(227)	1099	1120	920	939	1038	1083	1252
mom_y(228)	1100	1118	925	941	1042	1085	1254
mom_y(229)	1101	1117	929	943	1045	1089	1255
mom_y(230)	1100	1110	934	944	1050	1091	1255
mom_y(231)	1099	1109	938	946	1053	1095	1255
mom_y(232)	1099	1108	942	947	1057	1098	1255
mom_y(233)	1099	1109	947	950	1059	1100	1255
mom_y(234)	1101	1110	951	952	1064	1103	1256
mom_y(235)	1103	1113	956	953	1067	1105	1256
mom_y(236)	1106	1115	960	957	1069	1107	1255
mom_y(237)	1109	1117	964	958	1072	1110	1255
mom_y(238)	1114	1119	969		1075	1112	1254

mom_y(239)	1118	1117	974		1078	1112	1253
mom_y(240)	1120	1115	980		1082	1115	1251
mom_y(241)	1124	1114	985	961	1087	1116	1249
mom_y(242)	1127	1112	994	962	1089	1117	1247
mom_y(243)	1129		998	963		1118	1244
mom_y(244)	1133		1003	964		1118	1242
mom_y(245)	1134		1008	965		1119	1238
mom_y(246)	1135		1013	961		1119	1235
mom_y(247)	1136		1020	956		1119	1231
mom_y(248)	1136		1025	951		1120	1228
mom_y(249)	1136		1030	947		1120	1224
mom_y(250)	1134		1036	942		1121	1221
mom_y(251)	1132		1042	937		1122	1216
mom_y(252)	1131		1050	932		1120	1213
mom_y(253)	1129		1056	928		1118	1209
mom_y(254)	1128		1062	922		1116	1207
mom_y(255)	1126		1069	919		1115	1207
mom_y(256)	1124		1075	914		1112	1207
mom_y(257)	1122	1126	1082	910	1146	1111	1206
mom_y(258)	1120	1126	1088	906	1148	1108	1209
mom_y(259)	1118	1127	1094	901	1152	1105	1209
mom_y(260)	1116	1129	1100	898	1155	1102	1208
mom_y(261)	1113	1130	1107	894	1158	1100	1206
mom_y(262)	1111	1132	1111	889	1160	1097	1205
mom_y(263)	1108	1133	1118	884	1164	1094	1202
mom_y(264)	1106	1134	1124	880	1167	1093	1200
mom_y(265)	1103	1135	1130	877	1171	1089	1198
mom_y(266)	1101	1137	1135	873	1174	1087	1195
mom_y(267)	1096	1137	1139	869	1178	1085	1194
mom_y(268)	1093	1138	1146	865	1181	1081	1192
mom_y(269)	1089	1139	1153	862	1185	1076	1188
mom_y(270)	1086	1140	1159	858	1187	1073	1187
mom_y(271)	1082	1141	1166	854	1191	1068	1185
mom_y(272)	1077	1142	1174	851	1193	1063	1182
mom_y(273)	1074	1143	1179	848	1195	1057	1182
mom_y(274)	1069	1143	1185	845	1198	1055	1183
mom_y(275)	1066	1146	1191	842	1200	1050	1184
mom_y(276)	1062	1146	1196	839	1203	1048	1186
mom_y(277)	1058	1147	1199	837	1205	1046	1186
mom_y(278)	1053	1149	1196	833	1208	1042	1185
mom_y(279)	1050	1150	1199	831	1211	1038	1182
mom_y(280)	1045	1151	1199	828	1214	1035	1180
mom_y(281)	1042	1152	1197	825	1217	1030	1180
mom_y(282)	1034	1154	1196	821	1220	1028	1183
mom_y(283)	1032	1154	1193	818	1224	1022	1187
mom_y(284)	1028	1155	1189	816	1227	1020	1192
mom_y(285)	1023	1157	1187	814	1231	1017	1195
mom_y(286)	1020	1158	1184	813	1234	1014	1200
mom_y(287)	1015	1158	1181	811	1236	1012	1205
mom_y(288)	1012	1159	1178	810	1241	1007	1209

mom_y(289)	1007	1161	1174	807	1244	1006	1214
mom_y(290)	1004	1162	1170	805	1249	1002	1219
mom_y(291)	1000	1162	1165	803	1252	999	1224
mom_y(292)	995	1163	1162	801	1255	997	1227
mom_y(293)	992	1164	1158	800	1259	993	1231
mom_y(294)	988	1164	1153	799	1261	988	1234
mom_y(295)	986	1165	1150	799	1265	985	1239
mom_y(296)	981	1166	1146	799	1268	978	1243
mom_y(297)	978	1167	1143	800	1272	976	1247
mom_y(298)	976	1168	1139	801	1275	969	1251
mom_y(299)	971	1169	1136	803	1278	965	1256
mom_y(300)	969	1169	1131	804	1282	959	1259
mom_y(301)	966	1170	1128	806	1284	955	1264
mom_y(302)	964	1171	1129	809	1286	949	1268
mom_y(303)	961	1172	1128	811	1287	946	1271
mom_y(304)	958	1172	1129	814	1288	941	1276
mom_y(305)	957	1174	1129	817	1286	938	1277
mom_y(306)	953	1174	1129	821	1285	933	1275
mom_y(307)	951	1175	1130	823	1283	930	1274
mom_y(308)	948	1176	1130	826	1282	926	1273
mom_y(309)	944	1177	1130	828	1283	921	1274
mom_y(310)	942	1178	1131	832	1285	917	1275
mom_y(311)	939	1180	1131	834	1286	912	1274
mom_y(312)	934	1180	1131	838	1288	909	1276
mom_y(313)	933	1181	1132	841	1285	904	1278
mom_y(314)	930	1183	1133	845	1281	899	1279
mom_y(315)	928	1183	1135	849	1280	894	1282
mom_y(316)	925	1184	1136	853	1278	890	1282
mom_y(317)	923	1185	1137	857	1276	886	1280
mom_y(318)	920	1186	1138	859	1273	882	1279
mom_y(319)	917	1187	1139	864	1271	877	1281
mom_y(320)	915	1188	1140	868	1269	875	1282
mom_y(321)	912	1189	1140	873	1268	870	1284
mom_y(322)	910	1190	1140	878	1267	865	1286
mom_y(323)	906	1191	1140	883	1265	862	1289
mom_y(324)	905	1192	1140	889	1263	855	1290
mom_y(325)	901	1193	1140	893	1262	852	1294
mom_y(326)	899	1195	1140	897	1260	846	1295
mom_y(327)	896	1197	1141	902	1258	844	1294
mom_y(328)	895	1198	1141	908	1257	839	1296
mom_y(329)	895	1202	1142	911	1255	835	1299
mom_y(330)	893	1202	1143	916	1253	830	1303
mom_y(331)	889	1203	1143	919	1252	825	1303
mom_y(332)	887	1206	1143	925	1249	820	1300
mom_y(333)	886	1207	1142	929	1247	816	1296
mom_y(334)	887	1209	1142	934	1246	813	1293
mom_y(335)	887	1211	1142	937	1244	808	1291
mom_y(336)	890	1211	1141	941	1242	804	1288
mom_y(337)	892	1212	1140	942	1239	798	1284
mom_y(338)	894	1215	1138	945	1237	792	1280

mom_y(339)	897	1217	1136	947	1233	786	1276
mom_y(340)	900	1217	1134	947	1231	780	1271
mom_y(341)	903	1217	1131	948	1227	774	1267
mom_y(342)	905	1219	1128	947	1225	769	1262
mom_y(343)	907	1220	1125	946	1221	763	1257
mom_y(344)	907	1221	1121	943	1216	760	1253
mom_y(345)	908	1222	1117	943	1213	755	1248
mom_y(346)	909	1225	1114	942	1209	749	1243
mom_y(347)	909	1226	1114	942	1206	743	1238
mom_y(348)	908	1228	1114	942	1202	737	1233
mom_y(349)	907	1231	1114	942	1198	729	1228
mom_y(350)	906	1232	1117	942	1194	726	1224
mom_y(351)	905	1236	1121	942	1190	727	1217
mom_y(352)	903	1238	1127	942	1186	729	1214
mom_y(353)	901	1242	1131	940	1181	729	1207
mom_y(354)	900	1245	1135	939	1177	728	1203
mom_y(355)	898	1246	1138	937	1173	731	1198
mom_y(356)	895	1250	1140	936	1168	730	1195
mom_y(357)	891	1252	1140	933	1164	730	1189
mom_y(358)	888	1254	1142	930	1160	730	1184
mom_y(359)	886	1259	1144	927	1155	729	1179
mom_dst(0)	0	0	0	0	0	0	0
mom_dst(1)	1	5.38516	6.32456	2.82843	2	5.83095	2.23607
mom_dst(2)	6.32456	2.23607	5.09902	7.07107	2.23607	5	3
mom_dst(3)	3.60555	5.09902	5.38516	2.82843	2.82843	6.40312	2.23607
mom_dst(4)	4.47214	3.16228	7.07107	2.23607	2.23607	4.47214	3.16228
mom_dst(5)	5	3	6.08276	5.83095	1	5.83095	2
mom_dst(6)	2.82843	5	6	2.23607	3.60555	3.16228	3.16228
mom_dst(7)	6.40312	4.12311	6.08276	6.40312	3	2.82843	3.16228
mom_dst(8)	6.32456	6.32456	4.12311	1.41421	2.23607	2.23607	2
mom_dst(9)	4.47214	2	5	6.40312	4	5	2
mom_dst(10)	6.32456	5.09902	6.08276	3.60555	3	4.47214	2.23607
mom_dst(11)	3.60555	3	2	5.65685	3.16228	3.60555	4
mom_dst(12)	0	7.07107	2	4.24264	3	5.38516	1
mom_dst(13)	3	2	1.41421	5.83095	4.12311	5	4
mom_dst(14)	2.23607	6	3	2.82843	4.24264	4.12311	2
mom_dst(15)	3.60555	3	5	5.38516	2.82843	4.12311	3
mom_dst(16)	5.83095	5	5	2	3.60555	3	4
mom_dst(17)	3	4.12311	1	0	2.23607	2	3
mom_dst(18)	3.60555	2.23607	1.41421	4	1.41421	2.82843	3.16228
mom_dst(19)	5	5	7.81025	3	3.60555	7.28011	3
mom_dst(20)	5	3	2.23607	4.47214	3.60555	2.82843	2.23607
mom_dst(21)	2.23607	6.32456	3	4	4	3.60555	3.16228
mom_dst(22)	4.47214	2.82843	3.60555	3.60555	3.16228	3.60555	4
mom_dst(23)	5.65685	2	5	5.38516	4.12311	1.41421	4.47214
mom_dst(24)	4.47214	6.08276	7.28011	3.16228	3	1.41421	3.16228
mom_dst(25)	4.47214	2.23607	7.61577	6	4.24264	2.23607	5.09902
mom_dst(26)	5.38516	1.41421	6.7082	4	4	2.23607	3.16228
mom_dst(27)	0	0	0	0	0	0	0
mom_dst(28)	5	2.23607	8.06226	6	2.82843	1.41421	4.12311

mom_dst(29)	3.60555	2.23607	8.06226	2.23607	2	2	3.16228
mom_dst(30)	5.65685	1.41421	8.544	5	5.38516	2.23607	4.12311
mom_dst(31)	1.41421	5.38516	8.60233	5	2	4.47214	4.12311
mom_dst(32)	5.09902	4.24264	7.61577	5.38516	3.60555	5	2.23607
mom_dst(33)	5.09902	1.41421	6.40312	3.16228	4.12311	5	2.23607
mom_dst(34)	2	3.16228	6.7082	5	1	5	1
mom_dst(35)	7.07107	0	7.2111	1.41421	1	3.60555	1
mom_dst(36)	3	4.12311	7.2111	5.38516	2	4.24264	1.41421
mom_dst(37)	2	2.82843	8.60233	2.82843	1.41421	5	2.23607
mom_dst(38)	6.32456	3	5.65685	6.32456	3.16228	3.60555	4
mom_dst(39)	1.41421	6.32456	4.24264	2.23607	4.24264	5.09902	0
mom_dst(40)	1	1.41421	6.7082	6.32456	4.47214	2.23607	2.82843
mom_dst(41)	7.61577	1	5	3.60555	2.82843	3.16228	5.83095
mom_dst(42)	3.60555	2.23607	5.65685	4.47214	2.82843	4	2.23607
mom_dst(43)	7.81025	0	5.38516	3.60555	4.47214	4	4.12311
mom_dst(44)	2.23607	3	4.12311	5.83095	3.60555	3.16228	5
mom_dst(45)	6.40312	3.60555	6.32456	2.82843	2.23607	5	4.12311
mom_dst(46)	5.65685	3.60555	5.09902	5	3.60555	3.16228	1
mom_dst(47)	4.47214	2	6.08276	2.82843	4.12311	3.16228	3.16228
mom_dst(48)	4.47214	2.23607	3	6.40312	5	3.60555	2.23607
mom_dst(49)	2.82843	2.23607	6	2.82843	3.16228	3.60555	3
mom_dst(50)	5.83095	2.23607	4	5	5.38516	3.60555	4
mom_dst(51)	4.47214	3.16228	8.06226	5	3.16228	3.60555	4.47214
mom_dst(52)	5.38516	2.82843	4.12311	5	4.47214	3.60555	3.60555
mom_dst(53)	2.23607	3.16228	6	3.60555	4.47214	2.23607	1.41421
mom_dst(54)	5	3.16228	7	4.47214	3.16228	3.60555	3.60555
mom_dst(55)	4.12311	3	4.12311	4.47214	5.38516	2	3.16228
mom_dst(56)	6.32456	3.16228	3.60555	6.08276	2.23607	2.23607	3.16228
mom_dst(57)	4.12311	3.16228	6.32456	3.16228	4.12311	5	4.47214
mom_dst(58)	5.09902	4	4.12311	5	4.47214	5	2.23607
mom_dst(59)	4.12311	3.16228	6.32456	4	4.12311	5.83095	4
mom_dst(60)	4.12311	3.16228	5.38516	4.12311	4.12311	3.16228	3
mom_dst(61)	4.47214	3	4.47214	3.16228	4	2.82843	3.16228
mom_dst(62)	6.08276	6	5.83095	6.32456	2	5	3.60555
mom_dst(63)	4.12311	3	6.7082	4.12311	2.23607	3.60555	1.41421
mom_dst(64)	5	3.16228	5.83095	5.38516	2.23607	4.24264	5.38516
mom_dst(65)	3.16228	5	5.83095	5.38516	2.82843	5	2.23607
mom_dst(66)	4.47214	2.23607	5.38516	6.32456	2.82843	5	4.47214
mom_dst(67)	4	7.07107	6.7082	5.09902	3.16228	5	3.60555
mom_dst(68)	4.12311	4	5.38516	5	4.12311	2.23607	3.16228
mom_dst(69)	5.09902	1.41421	5.38516	5	1	5.65685	5.38516
mom_dst(70)	2.23607	6.08276	4.47214	4.12311	2	3	2.23607
mom_dst(71)	5.83095	4.12311	4.24264	6.08276	3	1	3.16228
mom_dst(72)	2.23607	2.82843	5.83095	5.83095	0	6.7082	5.83095
mom_dst(73)	5.83095	2.23607	6.32456	3.60555	1	3.60555	2.23607
mom_dst(74)	5	5	5.38516	6.40312	2.23607	5.83095	1.41421
mom_dst(75)	4.47214	2.23607	6.7082	6.40312	3.60555	3.60555	2.23607
mom_dst(76)	3.16228	1.41421	6.08276	5.38516	2	6.7082	3
mom_dst(77)	3.60555	2.23607	6.7082	6.7082	4.12311	4.24264	2
mom_dst(78)	6.32456	6.08276	6.08276	5.83095	4	5.83095	4.24264

mom_dst(79)	4.24264	1.41421	7.61577	3.60555	4.47214	5	5.83095
mom_dst(80)	5.09902	1	5.38516	6.32456	3.16228	6.7082	2.23607
mom_dst(81)	2.82843	2.82843	6.32456	4.12311	5.38516	4.12311	4.47214
mom_dst(82)	7.61577	5.09902	7.61577	4.47214	3	6.32456	5.38516
mom_dst(83)	4.47214	4.12311	7.61577	4	5	3	3.16228
mom_dst(84)	5.38516	2.23607	6.7082	4.12311	2	5.09902	5.09902
mom_dst(85)	4.12311	3.16228	8.544	4	1	4.12311	5.38516
mom_dst(86)	5.83095	2.23607	6.32456	3.16228	4	6.32456	2.23607
mom_dst(87)	1.41421	5.09902	6.32456	5.09902	3.16228	4.24264	5.09902
mom_dst(88)	7.2111	5.65685	6.7082	3.16228	5	7.07107	2.23607
mom_dst(89)	1.41421	3.60555	8.544	6.32456	2	3.60555	2
mom_dst(90)	5.65685	2.23607	6.7082	3.60555	5	5.83095	0
mom_dst(91)	5	3.60555	5.38516	5.38516	3.16228	4.47214	3.16228
mom_dst(92)	3.60555	4.12311	5.83095	4.12311	4.12311	5.38516	4.47214
mom_dst(93)	5.83095	6.40312	6.08276	4	3	4.47214	3.60555
mom_dst(94)	3.60555	2.82843	7.28011	5.38516	4.12311	3.16228	5.09902
mom_dst(95)	0	3.60555	4.47214	5.09902			2.23607
mom_dst(96)	2.23607	5.38516	6.7082	4.12311			2
mom_dst(97)	2.23607	2.23607	5.83095	4			2
mom_dst(98)	3.16228	7.2111	5.83095	6			5.09902
mom_dst(99)	1.41421	4.47214	7.81025	3.16228			3
mom_dst(100)	6.08276	1.41421	5.83095	5.09902			2
mom_dst(101)	4.24264	5.65685	7.2111	4.12311			4.24264
mom_dst(102)	2	6.08276	7.2111	5.09902			5
mom_dst(103)	1.41421	2.82843	6.40312	3.16228	28.8444	23.3238	1.41421
mom_dst(104)	1	5	4.47214	7.2111	5	3.16228	2.23607
mom_dst(105)	3.16228	5.38516	7.28011	3	4.47214	3	2.82843
mom_dst(106)	0	2.23607	6.32456	5.83095	2.23607	6	5.38516
mom_dst(107)	1	4.24264	3.60555	4.12311	5	5	5
mom_dst(108)	3.60555	8.06226	3.60555	5.09902	3.60555	1	4.47214
mom_dst(109)	4.12311	2	1	5.09902	5	2	4.12311
mom_dst(110)	3.16228	3.16228	2	4.12311	3.16228	5.38516	5.09902
mom_dst(111)	4.12311	6	5.38516	7.61577	4.47214	2.23607	4.12311
mom_dst(112)	4.47214	4.24264	1	4.12311	2.23607	4	5.09902
mom_dst(113)	3.16228	3.60555	4.12311	5.38516	5.83095	4.47214	4.12311
mom_dst(114)	5.83095	5.38516	5.09902	3.60555	2.23607	4.47214	5.09902
mom_dst(115)	4.12311	5	8.06226	5.65685	4.12311	5.83095	3
mom_dst(116)	5.09902	0	6.7082	4.24264	2.82843	4.47214	7.07107
mom_dst(117)	5.38516	2.82843	8.06226	4.12311	6.7082	4.47214	2.23607
mom_dst(118)	5.09902	1.41421	7.2111	5	1.41421	5.09902	4.12311
mom_dst(119)	3	1	7.2111	5.38516	4.12311	2	4
mom_dst(120)	6.32456	3.60555	5.65685	5.38516	3.16228	4.47214	7
mom_dst(121)	2	3.60555	7.07107	5.38516	3.16228	4	3.16228
mom_dst(122)	6.32456	3.60555	5.65685	5.83095	5.09902	1	1
mom_dst(123)	3.16228	3.16228	3.60555	5	2.23607	5.09902	2.23607
mom_dst(124)	3	4.47214	7.2111	4	4.12311	4.47214	5.65685
mom_dst(125)	4.12311	4	5.83095	4.12311	3.16228	2	3
mom_dst(126)	6.08276	4.12311	5.38516	5.09902	5.09902	1	2
mom_dst(127)	2.23607	3.16228	5.83095	6	3	2.23607	1.41421
mom_dst(128)	5	3	6.32456	5	4.12311	1	2.23607

mom_dst(129)	4	3.16228	5.38516	5.09902	3	5.83095	4.24264
mom_dst(130)	2.23607	3	6.7082	3	4	3.16228	5.38516
mom_dst(131)	5.09902	3	3.16228	5	2	4.47214	5
mom_dst(132)	4.12311	3.16228	7.07107	5	4.12311	5	4.12311
mom_dst(133)	3	3.16228	5.09902	5.09902	3.60555	5.83095	6.08276
mom_dst(134)	6.08276	3	6.08276	4.12311	1	5	4.12311
mom_dst(135)	2.23607	3.60555	6.32456	5.09902	5.38516	5.09902	5.38516
mom_dst(136)	6.08276	3.16228	5.09902	4.12311	3.16228	4.12311	5.38516
mom_dst(137)	3.16228	2.23607	6.08276	6.08276	5.09902	5.09902	6.7082
mom_dst(138)	3.16228	5.83095	5.09902	2.23607	2.23607	3	5
mom_dst(139)	6.7082	3.16228	5.09902	6.40312	3.60555	5	4.47214
mom_dst(140)	3.16228	2.82843	6.08276	3.60555	2.82843	3	3.60555
mom_dst(141)	4.12311	5.83095	6.08276	5.83095	3.60555	5	6.40312
mom_dst(142)	2.82843	3.16228	6.08276	2.82843	2.82843	2	4.24264
mom_dst(143)	4.12311	3.60555	8.06226	7.07107	4.47214	6.08276	5.83095
mom_dst(144)	5.83095	5	4	2.23607	3.60555	4.12311	3.60555
mom_dst(145)	2.23607	1.41421	7.07107	6.40312	4.47214	5.09902	1.41421
mom_dst(146)	7.07107	4.47214	6.08276	4.12311	4.12311	4.12311	0
mom_dst(147)	2.82843	5.09902	4.12311	6.7082	4	5.09902	3
mom_dst(148)	7.28011	2.23607	6	2.23607	4.47214	3.60555	4.24264
mom_dst(149)	2.23607	5.38516	6.08276	7	4.47214	6.08276	5
mom_dst(150)	4.47214	2.82843	5	3.60555	3	4.24264	5
mom_dst(151)	4.24264	1	7.07107	4.47214	5.09902	2.23607	5
mom_dst(152)	2.23607	2.82843	6	4.12311	5.09902	6.40312	4.47214
mom_dst(153)	5.65685	5.83095	7.07107	6	3	3.60555	5
mom_dst(154)	3.60555	2.23607	5	3	4	5.38516	5
mom_dst(155)	5.65685	2	5.09902	7.07107	3	4	6.32456
mom_dst(156)	3.60555	5.65685	6.08276	4	5	6.08276	4.47214
mom_dst(157)	6.40312	3.60555	4.12311	5.38516	3.60555	4.12311	4.12311
mom_dst(158)	2.82843	1.41421	6	6.08276	3	5.09902	5.09902
mom_dst(159)	4.24264	4.47214	4.12311	4.12311	3.60555	5	4.12311
mom_dst(160)	4.24264	7.2111	6.08276	6.08276	5.09902	2.23607	6.32456
mom_dst(161)	2.82843	3.16228	4.47214	4.12311	4.24264	5.83095	5
mom_dst(162)	5	3.60555	4.47214	7	4.12311	5	6.32456
mom_dst(163)	2.82843	5	5.38516	4.12311	3.60555	2.23607	4
mom_dst(164)	5.83095	2	5	5	3.60555	6.40312	6.32456
mom_dst(165)	3.16228	3.16228	6.40312	5.09902	4.24264	2.23607	3
mom_dst(166)	5	5.38516	5	5	2.82843	4.47214	6
mom_dst(167)	4.47214	3.60555	5.38516	6	4.47214	5.83095	4.12311
mom_dst(168)	1	2	3.16228	4.12311	2.82843	3.16228	7
mom_dst(169)	6.40312	4.47214	7.28011	4.47214	4.12311	2.82843	4.12311
mom_dst(170)	2.23607	3.16228	5.38516	4.24264	2.23607	6.40312	6
mom_dst(171)	5.65685	1.41421	5.09902	5	4.12311	4.24264	4.12311
mom_dst(172)	2.82843	3.16228	5.09902	2.23607	3.16228	5	5
mom_dst(173)	4.47214	6.32456	7	6.32456	5.09902	3.16228	6
mom_dst(174)	5	3.60555	7	4.12311	4	6.7082	4
mom_dst(175)	4.24264	5.38516	4	5.09902	4.12311	3.16228	5
mom_dst(176)	5	4.47214	6	3.16228	3.16228	7.28011	5
mom_dst(177)	2.23607	1.41421	4	4.12311	4	3	7
mom_dst(178)	5	3.16228	6	6	2	1	4.12311

mom_dst(179)	1.41421	6.40312	4	5	5		6.08276
mom_dst(180)	2.23607	3	6	5	3		5
mom_dst(181)	2	5.83095	6	4.12311	1		3.16228
mom_dst(182)	2.23607	3.16228	4.12311	5.09902	2		7.28011
mom_dst(183)	4.24264	1	5.09902	2.23607	2.23607		5.09902
mom_dst(184)	5	6.7082	4	5.38516	0		6.32456
mom_dst(185)	5	3.60555	5.09902	2.23607	2		3
mom_dst(186)	5.38516	2.23607	5.38516	5.38516	1		7.28011
mom_dst(187)	5.83095	4.47214	6.32456	3	1		3
mom_dst(188)	5.09902	3.16228	3.60555	0	1.41421		5.38516
mom_dst(189)	6	3.16228	6.32456	2.23607	1		4.12311
mom_dst(190)	4	5.38516	4.47214	2.23607	1		6.7082
mom_dst(191)	5.09902	2.23607	6.7082	4.24264	2.23607	30.4138	4.47214
mom_dst(192)	2.23607	5.38516	3.16228	2.82843	2	1.41421	5.83095
mom_dst(193)	5.09902	4.24264	6.7082	3.60555	6	0	4.47214
mom_dst(194)	3.16228	2	4.47214	7.07107	5	1.41421	5.65685
mom_dst(195)	7.61577	4.47214	5.83095	2.82843	6.08276	2.23607	5
mom_dst(196)	2.82843	3.60555	5	3.60555	5.09902	1.41421	3.60555
mom_dst(197)	5.83095	2	5.83095	6.40312	2	5.65685	5.65685
mom_dst(198)	3.60555	4.12311	5	3.60555	5	2.23607	4.24264
mom_dst(199)	3.60555	3.16228	4.47214	6.32456	4.12311	3.60555	7.07107
mom_dst(200)	4.12311	1	7.2111	3.16228	3.16228	3.60555	2.82843
mom_dst(201)	2	5.09902	3.60555	6.32456	3.16228	3.60555	7.07107
mom_dst(202)	4.47214	3.60555	5.83095	4.12311	3	3.16228	4.24264
mom_dst(203)	4.12311	1	5.83095	5	5.09902	5.38516	7.07107
mom_dst(204)	5.09902	4.12311	4.47214	6	3.16228	3.16228	4.24264
mom_dst(205)	4.47214	5	5.83095	4	3	5.38516	6.40312
mom_dst(206)	6.32456	2	6.7082	6.32456	5	4	3.60555
mom_dst(207)	3.60555	5.09902	6.08276	3	2	4.47214	5.65685
mom_dst(208)	5.38516	3.16228	7.28011	6.32456	5	3.60555	2.82843
mom_dst(209)	3.60555	3	5.09902	2.23607	1	3.16228	5.65685
mom_dst(210)	5	5.09902	7.07107	2.23607	5	5.83095	5.83095
mom_dst(211)	4.12311	3	8.06226	4.47214	3	2	3.60555
mom_dst(212)	2.23607	4	3	1.41421	2	7.28011	7.2111
mom_dst(213)	5.83095	4.12311	6	2	5.09902	3.16228	2.23607
mom_dst(214)	2	3	6.32456	4.12311	2	4.47214	3.60555
mom_dst(215)	4.12311	6	5.09902	0	3	5.09902	5
mom_dst(216)	6	2.23607	7.28011	1.41421	3	2.23607	2.82843
mom_dst(217)	2.82843	5.09902	5.38516	2	2	6.32456	5.65685
mom_dst(218)	6	4	7.2111	3.16228	4.12311	2	3.60555
mom_dst(219)	3.16228	1	6.7082	5.09902	1.41421	1	6.40312
mom_dst(220)	6	3.16228	6.7082	4.12311	4	5.09902	3.60555
mom_dst(221)	3	4.47214	2.23607	5	3	2	5.83095
mom_dst(222)	1	2	6.7082	5	4	1.41421	3.60555
mom_dst(223)	5.09902	5	6.32456	3	3.16228	4.47214	7.2111
mom_dst(224)	3.60555	3.60555	5.83095	3.16228	4.12311	4.24264	3.60555
mom_dst(225)	1.41421	2.23607	8.06226	4.12311	3	2.23607	6.7082
mom_dst(226)	5.38516	3	4.47214	2.23607	5.09902	5	2
mom_dst(227)	3.60555	4.12311	5.65685	1.41421	4.12311	2.82843	1
mom_dst(228)	2.23607	2	7.81025	4.47214	4.12311	2.82843	6.32456

mom_dst(229)	1.41421	1.41421	5.65685	4.47214	3.16228	5.65685	4.12311
mom_dst(230)	1.41421	7	7.07107	2.23607	5.09902	2.82843	6
mom_dst(231)	2.23607	1.41421	5.65685	5.38516	3	5	4
mom_dst(232)	3	1.41421	5.65685	3.16228	4.12311	4.24264	7
mom_dst(233)	3	3.16228	7.07107	4.24264	2.23607	2.82843	3
mom_dst(234)	2	2.23607	5.65685	3.60555	5.38516	5	7.07107
mom_dst(235)	2.23607	3.60555	6.40312	2.23607	3.16228	4.47214	3
mom_dst(236)	3.16228	2.23607	5.65685	5	2.23607	2.23607	6.08276
mom_dst(237)	3.60555	2.82843	5	1.41421	3.16228	5.83095	4
mom_dst(238)	5.38516	2.82843	6.40312		3.16228	4.47214	5.09902
mom_dst(239)	5	2.82843	7.07107		3	1	4.12311
mom_dst(240)	2.82843	2.23607	7.2111		4.12311	6.7082	3.60555
mom_dst(241)	5	1.41421	5.38516	5.83095	5.09902	2.23607	5.38516
mom_dst(242)	5	2.23607	9.21954	2.23607	2	5.09902	4.47214
mom_dst(243)	3.60555		4.12311	2.23607		6.08276	5.83095
mom_dst(244)	7.2111		5	1.41421		2	4.47214
mom_dst(245)	3.16228		5.38516	1.41421		6.08276	6.40312
mom_dst(246)	7.07107		5.09902	5		3	5
mom_dst(247)	3.16228		7	5		3	5.65685
mom_dst(248)	4		5	5		6.08276	5
mom_dst(249)	3		5.38516	4.12311		1	5.65685
mom_dst(250)	6.32456		6	5.09902		6.08276	4.24264
mom_dst(251)	4.47214		6.08276	5.38516		3.16228	5.83095
mom_dst(252)	4.12311		8.24621	5.38516		2.23607	3.60555
mom_dst(253)	3.60555		6.08276	4.47214		4.47214	4.47214
mom_dst(254)	4.12311		6	6.08276		4.47214	2.82843
mom_dst(255)	5.38516		7.07107	3.16228		4.12311	1
mom_dst(256)	4.47214		6.08276	5.09902		4.24264	3
mom_dst(257)	5.38516	14.3178	7.07107	4.12311	57.7062	2.23607	1
mom_dst(258)	2.82843	0	6	4	2.23607	6.7082	3.16228
mom_dst(259)	6.32456	2.23607	6.32456	5	4.47214	5	3
mom_dst(260)	3.60555	2.82843	6.08276	3.16228	3.60555	5	4.12311
mom_dst(261)	5.83095	1.41421	7.28011	4	3.60555	2.82843	5.38516
mom_dst(262)	3.60555	3.60555	4.47214	5	2.23607	5	4.12311
mom_dst(263)	5	2.23607	7.61577	5.09902	5	5.83095	5
mom_dst(264)	4.47214	2.23607	6.7082	4.12311	3.16228	2.23607	3.60555
mom_dst(265)	5	1	6.32456	4.24264	5	6.40312	4.47214
mom_dst(266)	3.60555	4.47214	5.83095	4.12311	3.16228	3.60555	6.7082
mom_dst(267)	5.38516	2	4.47214	5	5	2	2.23607
mom_dst(268)	4.24264	2.23607	7.28011	5.65685	3.60555	5	4.47214
mom_dst(269)	4.47214	3.16228	7.28011	3.60555	4.47214	5.38516	6.40312
mom_dst(270)	3.16228	1.41421	6.32456	4.47214	2.82843	3.16228	3.16228
mom_dst(271)	4.47214	3.16228	7.07107	4.47214	5	5.09902	3.60555
mom_dst(272)	5.38516	3.16228	8.24621	4.24264	3.60555	5.38516	5
mom_dst(273)	3.16228	1	5.38516	4.24264	2.82843	6.32456	1
mom_dst(274)	5.09902	2	7.2111	4.24264	5	2.82843	1.41421
mom_dst(275)	3.16228	3.60555	7.2111	4.24264	3.60555	5.38516	1.41421
mom_dst(276)	4.47214	2	7.07107	4.24264	4.24264	3.60555	2.82843
mom_dst(277)	4.12311	1.41421	5	3.60555	3.60555	2.82843	3
mom_dst(278)	5.83095	3.60555	3	5.65685	3.60555	5	2.23607

mom_dst(279)	3	3.16228	4.24264	3.60555	5	5	3.60555
mom_dst(280)	5.09902	1	4	5	3.16228	3.60555	2
mom_dst(281)	3	2.23607	4.47214	4.24264	4.24264	6.40312	0
mom_dst(282)	8	4.47214	5.09902	6.40312	4.24264	2.82843	3.16228
mom_dst(283)	2.23607	1	5	4.24264	5	6.7082	4.47214
mom_dst(284)	4	2.23607	5.65685	3.60555	3.60555	2.82843	5.09902
mom_dst(285)	5	4.47214	2.82843	4.47214	5.65685	3.60555	3.16228
mom_dst(286)	3	3.16228	5.83095	4.12311	3.60555	4.24264	5
mom_dst(287)	5	1	5	4.47214	3.60555	2.82843	5
mom_dst(288)	3	1.41421	5	3.16228	6.40312	5.83095	4.12311
mom_dst(289)	5.09902	6.32456	5.65685	6.7082	3.60555	1.41421	5
mom_dst(290)	3	1.41421	5.65685	3.60555	5.83095	4.47214	5
mom_dst(291)	4	2	6.40312	5.38516	3.60555	3.16228	5.09902
mom_dst(292)	5	6.08276	3.16228	4.47214	5	2	3
mom_dst(293)	3.16228	2.23607	5	4.12311	5	4.12311	4.12311
mom_dst(294)	4.12311	2	6.40312	5.09902	3.60555	5.09902	3
mom_dst(295)	2.82843	6.08276	4.24264	4	5.65685	3	5.09902
mom_dst(296)	5.09902	1.41421	5	2	3.60555	7.07107	4.12311
mom_dst(297)	4.24264	2.23607	4.24264	7.07107	4.47214	2.23607	4
mom_dst(298)	2.82843	4.12311	7.2111	3.16228	3.60555	7.28011	4
mom_dst(299)	6.40312	2.23607	5.83095	6.32456	3.60555	4.12311	5.09902
mom_dst(300)	3.60555	1	6.40312	4.12311	4.47214	6.7082	3.16228
mom_dst(301)	5.83095	5.09902	4.24264	4.47214	2.23607	4.12311	5.09902
mom_dst(302)	3.60555	4.12311	1.41421	5.83095	3.60555	6.32456	4.12311
mom_dst(303)	5	2.23607	4.12311	3.60555	3.16228	3.16228	3
mom_dst(304)	4.24264	1	6.08276	5	2.23607	5.09902	5.09902
mom_dst(305)	1	4.47214	5	3.60555	2.82843	3.16228	1
mom_dst(306)	5.65685	2	4	6.40312	1	5.09902	2
mom_dst(307)	3.60555	2.23607	3.16228	4.47214	2.23607	3.16228	3.16228
mom_dst(308)	3.60555	4.12311	4	5	1.41421	4.47214	3.16228
mom_dst(309)	6.40312	2.23607	4	2.82843	2.23607	5.09902	4.12311
mom_dst(310)	2.82843	1.41421	4.12311	5.65685	2.82843	4.47214	2.23607
mom_dst(311)	4.24264	5.38516	2	2.82843	1.41421	5.09902	1.41421
mom_dst(312)	6.40312	1	5	6.40312	2	3.16228	3.60555
mom_dst(313)	2.23607	2.23607	5.09902	3.60555	4.24264	5.09902	2
mom_dst(314)	5	5.38516	5.09902	4.47214	4.12311	5.38516	1.41421
mom_dst(315)	4.47214	2	6.32456	5	1	5.09902	3.60555
mom_dst(316)	4.24264	2.23607	5.09902	5.65685	2.23607	4.12311	1
mom_dst(317)	4.47214	3.16228	5.09902	5.65685	2.82843	4.12311	4.47214
mom_dst(318)	5	3.16228	5.09902	2.82843	3.60555	4	3.16228
mom_dst(319)	5	3.16228	6.08276	6.40312	3.60555	5	4.47214
mom_dst(320)	3.60555	5.09902	3.16228	5	3.60555	2	4.12311
mom_dst(321)	5	1.41421	5	5.38516	2.23607	5	5.38516
mom_dst(322)	2.82843	2.23607	5	5.38516	3.16228	5	3.60555
mom_dst(323)	5.65685	4.12311	6	5	3.60555	3	5
mom_dst(324)	2.23607	1.41421	7	6.08276	2.23607	7.07107	1.41421
mom_dst(325)	6.40312	2.23607	5	4	2.23607	3.16228	6.40312
mom_dst(326)	4.47214	4.47214	5	4.12311	3.60555	6.08276	2.23607
mom_dst(327)	5	2.82843	3.16228	5	2.82843	2.23607	3.16228
mom_dst(328)	4.12311	1.41421	6	6.08276	3.16228	5	4.47214

mom_dst(329)	1	6.40312	7.07107	3.60555	3.60555	4.12311	3.60555
mom_dst(330)	4.47214	2	6.08276	5.38516	4.47214	5	5
mom_dst(331)	5.65685	2.23607	6	3.16228	3.16228	5.09902	1
mom_dst(332)	2	5	7	6.7082	5	5.09902	3.16228
mom_dst(333)	1.41421	2.23607	5.09902	4.47214	4.47214	4.12311	4.12311
mom_dst(334)	1.41421	4.47214	5	6.40312	4.12311	3	3
mom_dst(335)	1	3.60555	6	3.60555	3.60555	5.09902	2.82843
mom_dst(336)	3	1	5.09902	5.65685	3.60555	4.12311	5
mom_dst(337)	2.23607	2.23607	4.12311	3.16228	4.24264	6.08276	5
mom_dst(338)	2	5	6.32456	5.83095	2.82843	6.32456	5
mom_dst(339)	3.60555	2.23607	6.32456	4.47214	5.65685	6.32456	5
mom_dst(340)	4.24264	0	5.38516	6	2.82843	6.32456	5.38516
mom_dst(341)	4.24264	2	5.83095	5.09902	4.47214	6.32456	4.47214
mom_dst(342)	3.60555	5.38516	5.83095	6.08276	3.60555	5	5.83095
mom_dst(343)	4.47214	1.41421	5	5.09902	5	6	5.38516
mom_dst(344)	3	1	5	6.7082	5.83095	3.60555	4.12311
mom_dst(345)	5.09902	1.41421	5.65685	5	3.60555	5.09902	5.38516
mom_dst(346)	4.12311	5	4.24264	6.08276	5	6.32456	5.09902
mom_dst(347)	4	1.41421	1	6	3.60555	6.08276	5.09902
mom_dst(348)	3.16228	3.60555	3	2	5.65685	6.32456	5
mom_dst(349)	3.16228	3.60555	2	7	4.47214	8	5.09902
mom_dst(350)	4.12311	2.23607	3.60555	5	5	3.16228	4
mom_dst(351)	3.16228	5	4.47214	5	4.47214	1.41421	7.07107
mom_dst(352)	3.60555	2.82843	6.32456	6	4.12311	2.82843	3
mom_dst(353)	4.47214	5	4	4.47214	5.09902	2	7.07107
mom_dst(354)	2.23607	4.24264	4.47214	5.09902	4.47214	2.23607	4
mom_dst(355)	2.23607	1	3.60555	4.47214	4.12311	3	5
mom_dst(356)	3.60555	5	3.60555	6.08276	5.09902	1	3.16228
mom_dst(357)	4.12311	2.23607	1	4.24264	4	2	6.08276
mom_dst(358)	3.16228	2.82843	3.60555	5	4.47214	2	5.38516
mom_dst(359)	2	5.38516	3.60555	4.24264	5	1	5.09902
acc_dst(0)	0	0	0	0	0	0	0
acc_dst(1)	1	5.38516	6.32456	2.82843	2	5.83095	2.23607
acc_dst(2)	7.32456	7.62123	11.4236	9.89949	4.23607	10.831	5.23607
acc_dst(3)	10.9301	12.7203	16.8087	12.7279	7.0645	17.2341	7.47214
acc_dst(4)	15.4022	15.8825	23.8798	14.964	9.30056	21.7062	10.6344
acc_dst(5)	20.4022	18.8825	29.9626	20.7949	10.3006	27.5372	12.6344
acc_dst(6)	23.2307	23.8825	35.9626	23.031	13.9061	30.6994	15.7967
acc_dst(7)	29.6338	28.0056	42.0453	29.4341	16.9061	33.5279	18.959
acc_dst(8)	35.9583	34.3302	46.1684	30.8483	19.1422	35.7639	20.959
acc_dst(9)	40.4305	36.3302	51.1684	37.2515	23.1422	40.7639	22.959
acc_dst(10)	46.755	41.4292	57.2512	40.857	26.1422	45.2361	25.195
acc_dst(11)	50.3606	44.4292	59.2512	46.5139	29.3045	48.8416	29.195
acc_dst(12)	50.3606	51.5003	61.2512	50.7565	32.3045	54.2268	30.195
acc_dst(13)	53.3606	53.5003	62.6654	56.5875	36.4276	59.2268	34.195
acc_dst(14)	55.5967	59.5003	65.6654	59.4159	40.6702	63.3499	36.195
acc_dst(15)	59.2022	62.5003	70.6654	64.8011	43.4986	67.473	39.195
acc_dst(16)	65.0332	67.5003	75.6654	66.8011	47.1042	70.473	43.195
acc_dst(17)	68.0332	71.6234	76.6654	66.8011	49.3403	72.473	46.195
acc_dst(18)	71.6387	73.8595	78.0796	70.8011	50.7545	75.3014	49.3573

acc_dst(19)	76.6387	78.8595	85.8899	73.8011	54.36	82.5815	52.3573
acc_dst(20)	81.6387	81.8595	88.1259	78.2732	57.9656	85.41	54.5934
acc_dst(21)	83.8748	88.184	91.1259	82.2732	61.9656	89.0155	57.7557
acc_dst(22)	88.3469	91.0124	94.7315	85.8787	65.1278	92.6211	61.7557
acc_dst(23)	94.0038	93.0124	99.7315	91.2639	69.251	94.0353	66.2278
acc_dst(24)	98.4759	99.0952	107.012	94.4262	72.251	95.4495	69.3901
acc_dst(25)	102.948	101.331	114.627	100.426	76.4936	97.6856	74.4891
acc_dst(26)	108.333	102.745	121.336	104.426	80.4936	99.9216	77.6514
acc_dst(27)	108.333	102.745	121.336	104.426	80.4936	99.9216	77.6514
acc_dst(28)	113.333	104.982	129.398	110.426	83.322	101.336	81.7745
acc_dst(29)	116.939	107.218	137.46	112.662	85.322	103.336	84.9368
acc_dst(30)	122.596	108.632	146.004	117.662	90.7072	105.572	89.0599
acc_dst(31)	124.01	114.017	154.606	122.662	92.7072	110.044	93.183
acc_dst(32)	129.109	118.26	162.222	128.047	96.3127	115.044	95.419
acc_dst(33)	134.208	119.674	168.625	131.21	100.436	120.044	97.6551
acc_dst(34)	136.208	122.836	175.334	136.21	101.436	125.044	98.6551
acc_dst(35)	143.279	122.836	182.545	137.624	102.436	128.65	99.6551
acc_dst(36)	146.279	126.959	189.756	143.009	104.436	132.892	101.069
acc_dst(37)	148.279	129.788	198.358	145.838	105.85	137.892	103.305
acc_dst(38)	154.603	132.788	204.015	152.162	109.012	141.498	107.305
acc_dst(39)	156.018	139.112	208.258	154.398	113.255	146.597	107.305
acc_dst(40)	157.018	140.526	214.966	160.723	117.727	148.833	110.134
acc_dst(41)	164.633	141.526	219.966	164.328	120.556	151.995	115.965
acc_dst(42)	168.239	143.762	225.623	168.8	123.384	155.995	118.201
acc_dst(43)	176.049	143.762	231.008	172.406	127.856	159.995	122.324
acc_dst(44)	178.285	146.762	235.131	178.237	131.462	163.157	127.324
acc_dst(45)	184.688	150.368	241.455	181.065	133.698	168.157	131.447
acc_dst(46)	190.345	153.974	246.554	186.065	137.303	171.32	132.447
acc_dst(47)	194.817	155.974	252.637	188.894	141.426	174.482	135.609
acc_dst(48)	199.29	158.21	255.637	195.297	146.426	178.088	137.845
acc_dst(49)	202.118	160.446	261.637	198.125	149.589	181.693	140.845
acc_dst(50)	207.949	162.682	265.637	203.125	154.974	185.299	144.845
acc_dst(51)	212.421	165.844	273.699	208.125	158.136	188.904	149.318
acc_dst(52)	217.806	168.673	277.823	213.125	162.608	192.51	152.923
acc_dst(53)	220.042	171.835	283.823	216.731	167.08	194.746	154.337
acc_dst(54)	225.042	174.997	290.823	221.203	170.243	198.351	157.943
acc_dst(55)	229.165	177.997	294.946	225.675	175.628	200.351	161.105
acc_dst(56)	235.49	181.159	298.551	231.758	177.864	202.587	164.267
acc_dst(57)	239.613	184.322	304.876	234.92	181.987	207.587	168.74
acc_dst(58)	244.712	188.322	308.999	239.92	186.459	212.587	170.976
acc_dst(59)	248.835	191.484	315.323	243.92	190.582	218.418	174.976
acc_dst(60)	252.958	194.646	320.709	248.043	194.705	221.581	177.976
acc_dst(61)	257.43	197.646	325.181	251.206	198.705	224.409	181.138
acc_dst(62)	263.513	203.646	331.012	257.53	200.705	229.409	184.743
acc_dst(63)	267.636	206.646	337.72	261.653	202.941	233.015	186.158
acc_dst(64)	272.636	209.808	343.551	267.038	205.177	237.257	191.543
acc_dst(65)	275.799	214.808	349.382	272.424	208.006	242.257	193.779
acc_dst(66)	280.271	217.045	354.767	278.748	210.834	247.257	198.251
acc_dst(67)	284.271	224.116	361.475	283.847	213.997	252.257	201.857
acc_dst(68)	288.394	228.116	366.86	288.847	218.12	254.493	205.019

acc_dst(69)	293.493	229.53	372.246	293.847	219.12	260.15	210.404
acc_dst(70)	295.729	235.613	376.718	297.97	221.12	263.15	212.64
acc_dst(71)	301.56	239.736	380.96	304.053	224.12	264.15	215.802
acc_dst(72)	303.796	242.564	386.791	309.884	224.12	270.858	221.633
acc_dst(73)	309.627	244.8	393.116	313.489	225.12	274.464	223.869
acc_dst(74)	314.627	249.8	398.501	319.893	227.356	280.295	225.284
acc_dst(75)	319.099	252.036	405.209	326.296	230.961	283.9	227.52
acc_dst(76)	322.261	253.45	411.292	331.681	232.961	290.609	230.52
acc_dst(77)	325.867	255.687	418	338.389	237.084	294.851	232.52
acc_dst(78)	332.191	261.769	424.083	344.22	241.084	300.682	236.762
acc_dst(79)	336.434	263.183	431.699	347.826	245.557	305.682	242.593
acc_dst(80)	341.533	264.183	437.084	354.15	248.719	312.39	244.829
acc_dst(81)	344.362	267.012	443.408	358.273	254.104	316.514	249.301
acc_dst(82)	351.977	272.111	451.024	362.745	257.104	322.838	254.687
acc_dst(83)	356.449	276.234	458.64	366.745	262.104	325.838	257.849
acc_dst(84)	361.835	278.47	465.348	370.868	264.104	330.937	262.948
acc_dst(85)	365.958	281.632	473.892	374.868	265.104	335.06	268.333
acc_dst(86)	371.789	283.868	480.217	378.031	269.104	341.385	270.569
acc_dst(87)	373.203	288.967	486.541	383.13	272.266	345.627	275.668
acc_dst(88)	380.414	294.624	493.249	386.292	277.266	352.699	277.904
acc_dst(89)	381.828	298.23	501.793	392.617	279.266	356.304	279.904
acc_dst(90)	387.485	300.466	508.502	396.222	284.266	362.135	279.904
acc_dst(91)	392.485	304.071	513.887	401.607	287.429	366.607	283.067
acc_dst(92)	396.091	308.195	519.718	405.73	291.552	371.992	287.539
acc_dst(93)	401.922	314.598	525.801	409.73	294.552	376.464	291.144
acc_dst(94)	405.527	317.426	533.081	415.116	298.675	379.627	296.243
acc_dst(95)	405.527	321.032	537.553	420.215			298.479
acc_dst(96)	407.763	326.417	544.261	424.338			300.479
acc_dst(97)	409.999	328.653	550.092	428.338			302.479
acc_dst(98)	413.162	335.864	555.923	434.338			307.578
acc_dst(99)	414.576	340.336	563.733	437.5			310.578
acc_dst(100)	420.658	341.75	569.564	442.599			312.578
acc_dst(101)	424.901	347.407	576.775	446.722			316.821
acc_dst(102)	426.901	353.49	583.986	451.821			321.821
acc_dst(103)	428.315	356.318	590.389	454.983	327.519	402.951	323.235
acc_dst(104)	429.315	361.318	594.862	462.195	332.519	406.113	325.471
acc_dst(105)	432.478	366.704	602.142	465.195	336.991	409.113	328.3
acc_dst(106)	432.478	368.94	608.466	471.025	339.227	415.113	333.685
acc_dst(107)	433.478	373.182	612.072	475.149	344.227	420.113	338.685
acc_dst(108)	437.083	381.245	615.677	480.248	347.833	421.113	343.157
acc_dst(109)	441.206	383.245	616.677	485.347	352.833	423.113	347.28
acc_dst(110)	444.369	386.407	618.677	489.47	355.995	428.498	352.379
acc_dst(111)	448.492	392.407	624.062	497.086	360.467	430.734	356.502
acc_dst(112)	452.964	396.649	625.062	501.209	362.703	434.734	361.601
acc_dst(113)	456.126	400.255	629.186	506.594	368.534	439.206	365.724
acc_dst(114)	461.957	405.64	634.285	510.199	370.77	443.678	370.823
acc_dst(115)	466.08	410.64	642.347	515.856	374.894	449.509	373.823
acc_dst(116)	471.179	410.64	649.055	520.099	377.722	453.981	380.894
acc_dst(117)	476.564	413.469	657.117	524.222	384.43	458.454	383.13
acc_dst(118)	481.663	414.883	664.328	529.222	385.844	463.553	387.254

acc_dst(119)	484.663	415.883	671.54	534.607	389.967	465.553	391.254
acc_dst(120)	490.988	419.488	677.196	539.992	393.13	470.025	398.254
acc_dst(121)	492.988	423.094	684.267	545.377	396.292	474.025	401.416
acc_dst(122)	499.312	426.699	689.924	551.208	401.391	475.025	402.416
acc_dst(123)	502.475	429.862	693.53	556.208	403.627	480.124	404.652
acc_dst(124)	505.475	434.334	700.741	560.208	407.75	484.596	410.309
acc_dst(125)	509.598	438.334	706.572	564.331	410.913	486.596	413.309
acc_dst(126)	515.681	442.457	711.957	569.431	416.012	487.596	415.309
acc_dst(127)	517.917	445.619	717.788	575.431	419.012	489.832	416.723
acc_dst(128)	522.917	448.619	724.113	580.431	423.135	490.832	418.959
acc_dst(129)	526.917	451.782	729.498	585.53	426.135	496.663	423.202
acc_dst(130)	529.153	454.782	736.206	588.53	430.135	499.825	428.587
acc_dst(131)	534.252	457.782	739.368	593.53	432.135	504.297	433.587
acc_dst(132)	538.375	460.944	746.439	598.53	436.258	509.297	437.71
acc_dst(133)	541.375	464.106	751.538	603.629	439.863	515.128	443.793
acc_dst(134)	547.458	467.106	757.621	607.752	440.863	520.128	447.916
acc_dst(135)	549.694	470.712	763.946	612.851	446.248	525.227	453.301
acc_dst(136)	555.776	473.874	769.045	616.974	449.411	529.35	458.686
acc_dst(137)	558.939	476.11	775.127	623.057	454.51	534.449	465.394
acc_dst(138)	562.101	481.941	780.226	625.293	456.746	537.449	470.394
acc_dst(139)	568.809	485.103	785.325	631.696	460.351	542.449	474.866
acc_dst(140)	571.971	487.932	791.408	635.301	463.18	545.449	478.472
acc_dst(141)	576.095	493.763	797.491	641.132	466.785	550.449	484.875
acc_dst(142)	578.923	496.925	803.574	643.961	469.614	552.449	489.118
acc_dst(143)	583.046	500.53	811.636	651.032	474.086	558.532	494.949
acc_dst(144)	588.877	505.53	815.636	653.268	477.691	562.655	498.554
acc_dst(145)	591.113	506.945	822.707	659.671	482.164	567.754	499.969
acc_dst(146)	598.184	511.417	828.79	663.794	486.287	571.877	499.969
acc_dst(147)	601.013	516.516	832.913	670.502	490.287	576.976	502.969
acc_dst(148)	608.293	518.752	838.913	672.738	494.759	580.582	507.211
acc_dst(149)	610.529	524.137	844.996	679.738	499.231	586.665	512.211
acc_dst(150)	615.001	526.965	849.996	683.344	502.231	590.907	517.211
acc_dst(151)	619.244	527.965	857.067	687.816	507.33	593.143	522.211
acc_dst(152)	621.48	530.794	863.067	691.939	512.429	599.547	526.683
acc_dst(153)	627.137	536.625	870.138	697.939	515.429	603.152	531.683
acc_dst(154)	630.742	538.861	875.138	700.939	519.429	608.537	536.683
acc_dst(155)	636.399	540.861	880.237	708.01	522.429	612.537	543.008
acc_dst(156)	640.004	546.518	886.32	712.01	527.429	618.62	547.48
acc_dst(157)	646.408	550.123	890.443	717.395	531.035	622.743	551.603
acc_dst(158)	649.236	551.538	896.443	723.478	534.035	627.842	556.702
acc_dst(159)	653.479	556.01	900.566	727.601	537.64	632.842	560.825
acc_dst(160)	657.721	563.221	906.649	733.684	542.739	635.078	567.15
acc_dst(161)	660.55	566.383	911.121	737.807	546.982	640.909	572.15
acc_dst(162)	665.55	569.989	915.593	744.807	551.105	645.909	578.474
acc_dst(163)	668.378	574.989	920.978	748.93	554.71	648.145	582.474
acc_dst(164)	674.209	576.989	925.978	753.93	558.316	654.548	588.799
acc_dst(165)	677.371	580.151	932.381	759.029	562.559	656.784	591.799
acc_dst(166)	682.371	585.536	937.381	764.029	565.387	661.257	597.799
acc_dst(167)	686.844	589.142	942.766	770.029	569.859	667.088	601.922
acc_dst(168)	687.844	591.142	945.929	774.152	572.688	670.25	608.922

acc_dst(169)	694.247	595.614	953.209	778.624	576.811	673.078	613.045
acc_dst(170)	696.483	598.776	958.594	782.867	579.047	679.481	619.045
acc_dst(171)	702.14	600.19	963.693	787.867	583.17	683.724	623.168
acc_dst(172)	704.968	603.353	968.792	790.103	586.332	688.724	628.168
acc_dst(173)	709.44	609.677	975.792	796.428	591.431	691.886	634.168
acc_dst(174)	714.44	613.283	982.792	800.551	595.431	698.594	638.168
acc_dst(175)	718.683	618.668	986.792	805.65	599.554	701.757	643.168
acc_dst(176)	723.683	623.14	992.792	808.812	602.717	709.037	648.168
acc_dst(177)	725.919	624.554	996.792	812.935	606.717	712.037	655.168
acc_dst(178)	730.919	627.716	1002.79	818.935	608.717	713.037	659.291
acc_dst(179)	732.333	634.12	1006.79	823.935	613.717		665.374
acc_dst(180)	734.569	637.12	1012.79	828.935	616.717		670.374
acc_dst(181)	736.569	642.95	1018.79	833.058	617.717		673.536
acc_dst(182)	738.805	646.113	1022.92	838.157	619.717		680.816
acc_dst(183)	743.048	647.113	1028.01	840.393	621.953		685.915
acc_dst(184)	748.048	653.821	1032.01	845.779	621.953		692.24
acc_dst(185)	753.048	657.427	1037.11	848.015	623.953		695.24
acc_dst(186)	758.433	659.663	1042.5	853.4	624.953		702.52
acc_dst(187)	764.264	664.135	1048.82	856.4	625.953		705.52
acc_dst(188)	769.363	667.297	1052.43	856.4	627.367		710.905
acc_dst(189)	775.363	670.459	1058.75	858.636	628.367		715.028
acc_dst(190)	779.363	675.844	1063.23	860.872	629.367		721.737
acc_dst(191)	784.462	678.081	1069.93	865.115	631.603	743.451	726.209
acc_dst(192)	786.698	683.466	1073.1	867.943	633.603	744.865	732.04
acc_dst(193)	791.797	687.708	1079.8	871.549	639.603	744.865	736.512
acc_dst(194)	794.959	689.708	1084.28	878.62	644.603	746.279	742.169
acc_dst(195)	802.575	694.18	1090.11	881.448	650.686	748.515	747.169
acc_dst(196)	805.404	697.786	1095.11	885.054	655.785	749.929	750.774
acc_dst(197)	811.235	699.786	1100.94	891.457	657.785	755.586	756.431
acc_dst(198)	814.84	703.909	1105.94	895.062	662.785	757.822	760.674
acc_dst(199)	818.446	707.071	1110.41	901.387	666.908	761.428	767.745
acc_dst(200)	822.569	708.071	1117.62	904.549	670.07	765.033	770.573
acc_dst(201)	824.569	713.17	1121.23	910.874	673.232	768.639	777.644
acc_dst(202)	829.041	716.776	1127.06	914.997	676.232	771.801	781.887
acc_dst(203)	833.164	717.776	1132.89	919.997	681.331	777.186	788.958
acc_dst(204)	838.263	721.899	1137.36	925.997	684.494	780.349	793.201
acc_dst(205)	842.735	726.899	1143.19	929.997	687.494	785.734	799.604
acc_dst(206)	849.06	728.899	1149.9	936.321	692.494	789.734	803.209
acc_dst(207)	852.665	733.998	1155.98	939.321	694.494	794.206	808.866
acc_dst(208)	858.05	737.16	1163.26	945.646	699.494	797.812	811.695
acc_dst(209)	861.656	740.16	1168.36	947.882	700.494	800.974	817.351
acc_dst(210)	866.656	745.259	1175.43	950.118	705.494	806.805	823.182
acc_dst(211)	870.779	748.259	1183.49	954.59	708.494	808.805	826.788
acc_dst(212)	873.015	752.259	1186.49	956.004	710.494	816.085	833.999
acc_dst(213)	878.846	756.382	1192.49	958.004	715.593	819.247	836.235
acc_dst(214)	880.846	759.382	1198.82	962.127	717.593	823.719	839.841
acc_dst(215)	884.969	765.382	1203.92	962.127	720.593	828.818	844.841
acc_dst(216)	890.969	767.619	1211.2	963.542	723.593	831.054	847.669
acc_dst(217)	893.798	772.718	1216.58	965.542	725.593	837.379	853.326
acc_dst(218)	899.798	776.718	1223.79	968.704	729.716	839.379	856.932

acc_dst(219)	902.96	777.718	1230.5	973.803	731.13	840.379	863.335
acc_dst(220)	908.96	780.88	1237.21	977.926	735.13	845.478	866.94
acc_dst(221)	911.96	785.352	1239.45	982.926	738.13	847.478	872.771
acc_dst(222)	912.96	787.352	1246.16	987.926	742.13	848.892	876.377
acc_dst(223)	918.059	792.352	1252.48	990.926	745.292	853.364	883.588
acc_dst(224)	921.664	795.958	1258.31	994.088	749.415	857.607	887.193
acc_dst(225)	923.079	798.194	1266.37	998.211	752.415	859.843	893.902
acc_dst(226)	928.464	801.194	1270.85	1000.45	757.514	864.843	895.902
acc_dst(227)	932.069	805.317	1276.5	1001.86	761.638	867.671	896.902
acc_dst(228)	934.305	807.317	1284.31	1006.33	765.761	870.5	903.226
acc_dst(229)	935.72	808.731	1289.97	1010.81	768.923	876.157	907.349
acc_dst(230)	937.134	815.731	1297.04	1013.04	774.022	878.985	913.349
acc_dst(231)	939.37	817.145	1302.7	1018.43	777.022	883.985	917.349
acc_dst(232)	942.37	818.559	1308.35	1021.59	781.145	888.228	924.349
acc_dst(233)	945.37	821.722	1315.43	1025.83	783.381	891.056	927.349
acc_dst(234)	947.37	823.958	1321.08	1029.44	788.766	896.056	934.42
acc_dst(235)	949.606	827.563	1327.49	1031.67	791.929	900.528	937.42
acc_dst(236)	952.768	829.799	1333.14	1036.67	794.165	902.764	943.503
acc_dst(237)	956.374	832.628	1338.14	1038.09	797.327	908.595	947.503
acc_dst(238)	961.759	835.456	1344.55		800.489	913.067	952.602
acc_dst(239)	966.759	838.285	1351.62		803.489	914.067	956.725
acc_dst(240)	969.587	840.521	1358.83		807.612	920.776	960.331
acc_dst(241)	974.587	841.935	1364.21	1043.92	812.711	923.012	965.716
acc_dst(242)	979.587	844.171	1373.43	1046.16	814.711	928.111	970.188
acc_dst(243)	983.193		1377.56	1048.39		934.194	976.019
acc_dst(244)	990.404		1382.56	1049.81		936.194	980.491
acc_dst(245)	993.566		1387.94	1051.22		942.276	986.894
acc_dst(246)	1000.64		1393.04	1056.22		945.276	991.894
acc_dst(247)	1003.8		1400.04	1061.22		948.276	997.551
acc_dst(248)	1007.8		1405.04	1066.22		954.359	1002.55
acc_dst(249)	1010.8		1410.42	1070.34		955.359	1008.21
acc_dst(250)	1017.12		1416.42	1075.44		961.442	1012.45
acc_dst(251)	1021.6		1422.51	1080.83		964.604	1018.28
acc_dst(252)	1025.72		1430.75	1086.21		966.84	1021.89
acc_dst(253)	1029.33		1436.84	1090.68		971.312	1026.36
acc_dst(254)	1033.45		1442.84	1096.77		975.784	1029.19
acc_dst(255)	1038.83		1449.91	1099.93		979.908	1030.19
acc_dst(256)	1043.31		1455.99	1105.03		984.15	1033.19
acc_dst(257)	1048.69	858.489	1463.06	1109.15	872.417	986.386	1034.19
acc_dst(258)	1051.52	858.489	1469.06	1113.15	874.654	993.094	1037.35
acc_dst(259)	1057.84	860.725	1475.39	1118.15	879.126	998.094	1040.35
acc_dst(260)	1061.45	863.553	1481.47	1121.31	882.731	1003.09	1044.47
acc_dst(261)	1067.28	864.967	1488.75	1125.31	886.337	1005.92	1049.86
acc_dst(262)	1070.89	868.573	1493.22	1130.31	888.573	1010.92	1053.98
acc_dst(263)	1075.89	870.809	1500.84	1135.41	893.573	1016.75	1058.98
acc_dst(264)	1080.36	873.045	1507.54	1139.54	896.735	1018.99	1062.59
acc_dst(265)	1085.36	874.045	1513.87	1143.78	901.735	1025.39	1067.06
acc_dst(266)	1088.96	878.517	1519.7	1147.9	904.897	1029	1073.77
acc_dst(267)	1094.35	880.517	1524.17	1152.9	909.897	1031	1076
acc_dst(268)	1098.59	882.753	1531.45	1158.56	913.503	1036	1080.48

acc_dst(269)	1103.06	885.916	1538.73	1162.16	917.975	1041.38	1086.88
acc_dst(270)	1106.23	887.33	1545.06	1166.64	920.803	1044.55	1090.04
acc_dst(271)	1110.7	890.492	1552.13	1171.11	925.803	1049.65	1093.65
acc_dst(272)	1116.08	893.654	1560.37	1175.35	929.409	1055.03	1098.65
acc_dst(273)	1119.25	894.654	1565.76	1179.59	932.237	1061.35	1099.65
acc_dst(274)	1124.34	896.654	1572.97	1183.84	937.237	1064.18	1101.06
acc_dst(275)	1127.51	900.26	1580.18	1188.08	940.843	1069.57	1102.47
acc_dst(276)	1131.98	902.26	1587.25	1192.32	945.086	1073.17	1105.3
acc_dst(277)	1136.1	903.674	1592.25	1195.93	948.691	1076	1108.3
acc_dst(278)	1141.93	907.28	1595.25	1201.58	952.297	1081	1110.54
acc_dst(279)	1144.93	910.442	1599.5	1205.19	957.297	1086	1114.14
acc_dst(280)	1150.03	911.442	1603.5	1210.19	960.459	1089.61	1116.14
acc_dst(281)	1153.03	913.678	1607.97	1214.43	964.702	1096.01	1116.14
acc_dst(282)	1161.03	918.15	1613.07	1220.84	968.944	1098.84	1119.31
acc_dst(283)	1163.27	919.15	1618.07	1225.08	973.944	1105.55	1123.78
acc_dst(284)	1167.27	921.386	1623.72	1228.68	977.55	1108.38	1128.88
acc_dst(285)	1172.27	925.858	1626.55	1233.16	983.207	1111.98	1132.04
acc_dst(286)	1175.27	929.021	1632.38	1237.28	986.812	1116.22	1137.04
acc_dst(287)	1180.27	930.021	1637.38	1241.75	990.418	1119.05	1142.04
acc_dst(288)	1183.27	931.435	1642.38	1244.91	996.821	1124.88	1146.16
acc_dst(289)	1188.37	937.759	1648.04	1251.62	1000.43	1126.3	1151.16
acc_dst(290)	1191.37	939.174	1653.7	1255.23	1006.26	1130.77	1156.16
acc_dst(291)	1195.37	941.174	1660.1	1260.61	1009.86	1133.93	1161.26
acc_dst(292)	1200.37	947.256	1663.26	1265.08	1014.86	1135.93	1164.26
acc_dst(293)	1203.53	949.493	1668.26	1269.21	1019.86	1140.06	1168.39
acc_dst(294)	1207.65	951.493	1674.67	1274.31	1023.47	1145.15	1171.39
acc_dst(295)	1210.48	957.575	1678.91	1278.31	1029.13	1148.15	1176.48
acc_dst(296)	1215.58	958.989	1683.91	1280.31	1032.73	1155.23	1180.61
acc_dst(297)	1219.82	961.226	1688.15	1287.38	1037.2	1157.46	1184.61
acc_dst(298)	1222.65	965.349	1695.36	1290.54	1040.81	1164.74	1188.61
acc_dst(299)	1229.05	967.585	1701.19	1296.86	1044.41	1168.86	1193.71
acc_dst(300)	1232.66	968.585	1707.6	1300.99	1048.89	1175.57	1196.87
acc_dst(301)	1238.49	973.684	1711.84	1305.46	1051.12	1179.7	1201.97
acc_dst(302)	1242.1	977.807	1713.25	1311.29	1054.73	1186.02	1206.09
acc_dst(303)	1247.1	980.043	1717.38	1314.9	1057.89	1189.18	1209.09
acc_dst(304)	1251.34	981.043	1723.46	1319.9	1060.13	1194.28	1214.19
acc_dst(305)	1252.34	985.515	1728.46	1323.5	1062.95	1197.44	1215.19
acc_dst(306)	1258	987.515	1732.46	1329.9	1063.95	1202.54	1217.19
acc_dst(307)	1261.6	989.751	1735.62	1334.38	1066.19	1205.71	1220.35
acc_dst(308)	1265.21	993.874	1739.62	1339.38	1067.61	1210.18	1223.51
acc_dst(309)	1271.61	996.11	1743.62	1342.2	1069.84	1215.28	1227.64
acc_dst(310)	1274.44	997.525	1747.74	1347.86	1072.67	1219.75	1229.87
acc_dst(311)	1278.68	1002.91	1749.74	1350.69	1074.08	1224.85	1231.29
acc_dst(312)	1285.08	1003.91	1754.74	1357.09	1076.08	1228.01	1234.89
acc_dst(313)	1287.32	1006.15	1759.84	1360.7	1080.33	1233.11	1236.89
acc_dst(314)	1292.32	1011.53	1764.94	1365.17	1084.45	1238.49	1238.31
acc_dst(315)	1296.79	1013.53	1771.27	1370.17	1085.45	1243.59	1241.91
acc_dst(316)	1301.03	1015.77	1776.37	1375.83	1087.69	1247.72	1242.91
acc_dst(317)	1305.51	1018.93	1781.46	1381.48	1090.51	1251.84	1247.39
acc_dst(318)	1310.51	1022.09	1786.56	1384.31	1094.12	1255.84	1250.55

acc_dst(319)	1315.51	1025.25	1792.65	1390.72	1097.73	1260.84	1255.02
acc_dst(320)	1319.11	1030.35	1795.81	1395.72	1101.33	1262.84	1259.14
acc_dst(321)	1324.11	1031.77	1800.81	1401.1	1103.57	1267.84	1264.53
acc_dst(322)	1326.94	1034	1805.81	1406.49	1106.73	1272.84	1268.13
acc_dst(323)	1332.6	1038.13	1811.81	1411.49	1110.33	1275.84	1273.13
acc_dst(324)	1334.83	1039.54	1818.81	1417.57	1112.57	1282.91	1274.55
acc_dst(325)	1341.24	1041.78	1823.81	1421.57	1114.81	1286.07	1280.95
acc_dst(326)	1345.71	1046.25	1828.81	1425.69	1118.41	1292.16	1283.19
acc_dst(327)	1350.71	1049.08	1831.97	1430.69	1121.24	1294.39	1286.35
acc_dst(328)	1354.83	1050.49	1837.97	1436.78	1124.4	1299.39	1290.82
acc_dst(329)	1355.83	1056.89	1845.04	1440.38	1128.01	1303.51	1294.43
acc_dst(330)	1360.3	1058.89	1851.12	1445.77	1132.48	1308.51	1299.43
acc_dst(331)	1365.96	1061.13	1857.12	1448.93	1135.64	1313.61	1300.43
acc_dst(332)	1367.96	1066.13	1864.12	1455.64	1140.64	1318.71	1303.59
acc_dst(333)	1369.38	1068.37	1869.22	1460.11	1145.12	1322.84	1307.71
acc_dst(334)	1370.79	1072.84	1874.22	1466.51	1149.24	1325.84	1310.71
acc_dst(335)	1371.79	1076.44	1880.22	1470.12	1152.84	1330.93	1313.54
acc_dst(336)	1374.79	1077.44	1885.32	1475.77	1156.45	1335.06	1318.54
acc_dst(337)	1377.03	1079.68	1889.45	1478.94	1160.69	1341.14	1323.54
acc_dst(338)	1379.03	1084.68	1895.77	1484.77	1163.52	1347.47	1328.54
acc_dst(339)	1382.63	1086.92	1902.09	1489.24	1169.18	1353.79	1333.54
acc_dst(340)	1386.87	1086.92	1907.48	1495.24	1172.01	1360.11	1338.93
acc_dst(341)	1391.12	1088.92	1913.31	1500.34	1176.48	1366.44	1343.4
acc_dst(342)	1394.72	1094.3	1919.14	1506.42	1180.08	1371.44	1349.23
acc_dst(343)	1399.19	1095.72	1924.14	1511.52	1185.08	1377.44	1354.61
acc_dst(344)	1402.19	1096.72	1929.14	1518.23	1190.91	1381.04	1358.74
acc_dst(345)	1407.29	1098.13	1934.8	1523.23	1194.52	1386.14	1364.12
acc_dst(346)	1411.42	1103.13	1939.04	1529.31	1199.52	1392.47	1369.22
acc_dst(347)	1415.42	1104.54	1940.04	1535.31	1203.13	1398.55	1374.32
acc_dst(348)	1418.58	1108.15	1943.04	1537.31	1208.78	1404.88	1379.32
acc_dst(349)	1421.74	1111.76	1945.04	1544.31	1213.25	1412.88	1384.42
acc_dst(350)	1425.86	1113.99	1948.65	1549.31	1218.25	1416.04	1388.42
acc_dst(351)	1429.03	1118.99	1953.12	1554.31	1222.73	1417.45	1395.49
acc_dst(352)	1432.63	1121.82	1959.44	1560.31	1226.85	1420.28	1398.49
acc_dst(353)	1437.1	1126.82	1963.44	1564.78	1231.95	1422.28	1405.56
acc_dst(354)	1439.34	1131.06	1967.92	1569.88	1236.42	1424.52	1409.56
acc_dst(355)	1441.58	1132.06	1971.52	1574.35	1240.54	1427.52	1414.56
acc_dst(356)	1445.18	1137.06	1975.13	1580.44	1245.64	1428.52	1417.72
acc_dst(357)	1449.3	1139.3	1976.13	1584.68	1249.64	1430.52	1423.81
acc_dst(358)	1452.47	1142.13	1979.73	1589.68	1254.11	1432.52	1429.19
acc_dst(359)	1454.47	1147.51	1983.34	1593.92	1259.11	1433.52	1434.29
dst_to_origin(0)	0	1956.61	0	1556.33	1855.07	1500.41	0
dst_to_origin(1)	1	1958.55	6.32456	1556.52	1856.81	1505.76	2.23607
dst_to_origin(2)	7.28011	1959.18	11.4018	1557.03	1858.67	1510.53	5.09902
dst_to_origin(3)	10.7703	1961.86	16.7631	1557.24	1861.4	1516.69	7.28011
dst_to_origin(4)	15.2315	1963.19	23.7697	1556.69	1863.27	1521.11	10.4403
dst_to_origin(5)	20.1246	1965.24	29.8329	1558.55	1863.77	1526.92	12.3693
dst_to_origin(6)	22.8254	1968.67	35.6931	1559.42	1867	1529.48	15.5242
dst_to_origin(7)	29.1548	1970.69	41.7732	1560.66	1868.5	1532.27	18.6815
dst_to_origin(8)	35.3553	1973.38	45.8912	1560.78	1870.37	1534.48	20.6155

dst_to_origin(9)	39.8246	1974.76	50.8035	1562.05	1872.38	1539.48	22.561
dst_to_origin(10)	46.0652	1977.5	56.5685	1563.08	1873.9	1543.9	24.7386
dst_to_origin(11)	49.6488	1979.57	58.5491	1563.61	1874.55	1547.5	28.6356
dst_to_origin(12)	49.6488	1985.15	58.8558	1564.03	1876.08	1552.73	28.4429
dst_to_origin(13)	48.3322	1986.54	57.7062	1566	1877.25	1557.72	32.3883
dst_to_origin(14)	48.4665	1990.72	57.3149	1566.3	1876.2	1561.56	34.3657
dst_to_origin(15)	49.3356	1992.81	61.0737	1568.93	1875.51	1565.39	37.3363
dst_to_origin(16)	53.3667	1996.3	64.0078	1567.68	1875.34	1567.83	41.3038
dst_to_origin(17)	52.7731	1998.38	64.0312	1567.68	1874.14	1569.46	44.2832
dst_to_origin(18)	50.3587	2000.5	65.0077	1570.18	1873.8	1569.93	47.3814
dst_to_origin(19)	50.01	2004	71.2531	1572.07	1872.26	1574.49	50.3587
dst_to_origin(20)	46.0435	2006.11	72.4431	1576.14	1870.73	1574.97	52.469
dst_to_origin(21)	44.1022	2011.75	69.4622	1578.67	1867.32	1576.28	55.5788
dst_to_origin(22)	40.3113	2011.73	67.897	1582.11	1865.27	1577.6	59.5399
dst_to_origin(23)	37.108	2013.14	68.884	1586.82	1861.34	1578.99	63.7887
dst_to_origin(24)	33.8378	2016.67	68.9493	1589.5	1858.78	1579.24	66.9104
dst_to_origin(25)	30.8707	2017.38	68.8767	1593.31	1854.66	1577.28	72.0069
dst_to_origin(26)	27.4591	2018.79	69.1158	1595.86	1851.24	1576.21	75.1332
dst_to_origin(27)	27.4591	2018.79	69.1158	1595.86	1851.24	1576.21	75.1332
dst_to_origin(28)	26.1725	2019.5	69.814	1599.69	1848.49	1575.96	79.2465
dst_to_origin(29)	25.6125	2020.21	71.4213	1600.21	1846.79	1577.1	82.3772
dst_to_origin(30)	26.8328	2021.62	75.2861	1603.42	1841.48	1577.43	86.4928
dst_to_origin(31)	25.4951	2026.57	77.9359	1606.64	1839.78	1578.09	90.6091
dst_to_origin(32)	24.7386	2030.81	82.365	1608.34	1836.18	1576.56	92.3959
dst_to_origin(33)	25.02	2032.23	85	1609.52	1832.24	1575.04	94.541
dst_to_origin(34)	25.02	2030.81	89.3197	1609.84	1831.72	1573.53	94.3663
dst_to_origin(35)	27.2029	2030.81	93.6056	1609.73	1832.57	1572.27	93.3809
dst_to_origin(36)	28.2312	2028.7	98.2344	1611.48	1833.62	1571.6	92.5743
dst_to_origin(37)	29.0689	2028.7	103.942	1611.28	1833.29	1571.52	91.9837
dst_to_origin(38)	33.8378	2030.83	107.201	1613.71	1831.27	1571.68	92.8924
dst_to_origin(39)	35.2278	2033.7	109.772	1614.28	1830.3	1573.84	92.8924
dst_to_origin(40)	36.0555	2033.71	112.219	1616.74	1827.97	1574.23	90.471
dst_to_origin(41)	42.638	2033.01	115.039	1617.23	1827.33	1576.82	86.4928
dst_to_origin(42)	46.0977	2030.88	119.004	1618.39	1826.7	1579.21	85.1587
dst_to_origin(43)	53.8145	2030.88	121.149	1618.9	1824.39	1581.6	85.5862
dst_to_origin(44)	55.9017	2032.99	122.409	1620.01	1822.92	1584.2	85.1469
dst_to_origin(45)	62.2896	2033.67	125.028	1619.87	1821.77	1587.21	84.006
dst_to_origin(46)	67.9412	2037.2	126.752	1618.92	1820.32	1589.81	84
dst_to_origin(47)	72.2496	2038.61	128.86	1618.79	1817.49	1592.42	83.0542
dst_to_origin(48)	76.5768	2040.73	129.522	1617.81	1815.75	1595.83	81.0987
dst_to_origin(49)	79.3977	2041.43	131.042	1617.7	1813.77	1599.24	78.1025
dst_to_origin(50)	85.1469	2042.14	132.197	1618.22	1810.66	1602.64	74.108
dst_to_origin(51)	89.4986	2040.72	135.768	1617.34	1808.69	1606.05	70.2567
dst_to_origin(52)	94.6414	2037.89	138.159	1617.89	1806.44	1609.46	67.4759
dst_to_origin(53)	96.8297	2036.47	140.528	1617.08	1804.19	1611.66	66.6108
dst_to_origin(54)	100.802	2035.05	143.558	1615.55	1802.24	1615.26	69.3542
dst_to_origin(55)	104.623	2032.93	144.534	1614.04	1799.17	1616.85	70.1142
dst_to_origin(56)	110.68	2031.52	147.733	1609.01	1798.06	1619.04	71.007
dst_to_origin(57)	114.547	2030.12	152.463	1607.54	1795.29	1624.04	73.0616
dst_to_origin(58)	119.269	2027.3	155.396	1603.94	1793.08	1629.04	75.1066

dst_to_origin(59)	123.175	2025.91	160.312	1601.07	1790.31	1634.84	75.4255
dst_to_origin(60)	127.094	2024.51	164.757	1597.5	1787.56	1637.45	75.8024
dst_to_origin(61)	131.548	2022.41	168.68	1596.05	1784.24	1640.26	77.2787
dst_to_origin(62)	137.201	2018.21	174.026	1593.17	1782.59	1645.26	79.8311
dst_to_origin(63)	141.156	2016.11	180	1591.02	1781.5	1648.67	81.0247
dst_to_origin(64)	145.499	2013.3	185.413	1588.88	1783.71	1652.87	84.2021
dst_to_origin(65)	147.648	2009.82	190.851	1586.75	1784.24	1657.69	85.7263
dst_to_origin(66)	152.118	2007.71	195.533	1583.93	1784.78	1662.5	88.8651
dst_to_origin(67)	155.653	2002.12	201.658	1581.12	1783.93	1667.5	91.7606
dst_to_origin(68)	159.665	1999.34	206.41	1577.61	1782.53	1669.51	93.7763
dst_to_origin(69)	164.575	1997.93	211.192	1574.11	1781.98	1675.12	97.5756
dst_to_origin(70)	166.811	1993.05	215.337	1570.6	1783.09	1676.95	99.3177
dst_to_origin(71)	172.627	1991	219.572	1567.13	1784.76	1677.56	101.518
dst_to_origin(72)	174.428	1988.18	225.144	1561.5	1784.76	1683.6	106.471
dst_to_origin(73)	180.247	1986.07	230.673	1557.98	1785.32	1687.02	108.301
dst_to_origin(74)	185.181	1981.14	235.553	1551.6	1784.22	1692.46	106.944
dst_to_origin(75)	189.652	1979.04	241.868	1545.23	1782.86	1695.88	106.892
dst_to_origin(76)	192.774	1977.62	246.781	1540.24	1781.2	1701.94	109.567
dst_to_origin(77)	196.359	1975.52	253.148	1533.85	1778.45	1706.15	111.36
dst_to_origin(78)	202.606	1970.49	258.141	1528.18	1775.15	1711.93	115.382
dst_to_origin(79)	206.652	1969.07	265.279	1524.63	1772.98	1716.93	121.198
dst_to_origin(80)	211.549	1968.35	270.296	1518.95	1769.94	1723.51	123.434
dst_to_origin(81)	214.245	1965.52	276.065	1515.39	1766.96	1727.28	127.906
dst_to_origin(82)	221.84	1961.22	283.27	1511.14	1764.49	1733.24	133.27
dst_to_origin(83)	226.312	1959.03	290.496	1508.29	1760.38	1735.61	136.4
dst_to_origin(84)	231.672	1958.29	296.987	1504.74	1758.74	1740.18	141.326
dst_to_origin(85)	235.688	1956.82	305.005	1501.9	1757.91	1742.74	146.697
dst_to_origin(86)	241.506	1956.08	310.876	1499.07	1754.63	1746.28	148.933
dst_to_origin(87)	242.852	1951.8	316.765	1494.82	1752.75	1746.84	153.873
dst_to_origin(88)	250.018	1951.73	323.303	1492	1748.65	1747.81	156.109
dst_to_origin(89)	251.366	1950.99	331.403	1486.34	1747.02	1747.6	155.261
dst_to_origin(90)	256.766	1950.26	337.96	1482.81	1742.93	1747	155.261
dst_to_origin(91)	261.297	1949.53	343.118	1477.87	1739.9	1746.22	152.971
dst_to_origin(92)	264.486	1947.39	348.901	1474.35	1736.06	1744.85	152.958
dst_to_origin(93)	269.535	1948.08	354.244	1471.54	1733.61	1744.09	152.594
dst_to_origin(94)	271.19	1948.08	361.012	1466.61	1729.77	1743.13	154.185
dst_to_origin(95)	271.19	1947.38	365.407	1462.4			154.35
dst_to_origin(96)	271.118	1949.52	372.001	1458.89			153.323
dst_to_origin(97)	271.065	1950.23	377.8	1456.1			155.048
dst_to_origin(98)	273.353	1948.87	383.6	1451.93			151.717
dst_to_origin(99)	272	1950.33	391.4	1449.12			150.296
dst_to_origin(100)	267.202	1950.35	397.2	1444.94			152.069
dst_to_origin(101)	263.129	1950.43	404.401	1442.9			153.405
dst_to_origin(102)	262.177	1954.04	411.602	1440.18			154.434
dst_to_origin(103)	261.773	1954.1	418.001	1438.84	1700.94	1721.66	154.945
dst_to_origin(104)	262.652	1954.9	422.404	1437.65	1696.18	1718.64	154.845
dst_to_origin(105)	262.122	1957.14	429.223	1435.6	1692.23	1716.21	153.873
dst_to_origin(106)	262.122	1957.9	435.247	1434.39	1690.02	1711.36	154.305
dst_to_origin(107)	261.658	1958.01	438.85	1432.42	1685.26	1707.32	153.561
dst_to_origin(108)	262.069	1963.14	439.01	1429.77	1681.9	1707.91	153.834

dst_to_origin(109)	261.192	1964.6	439.606	1427.14	1677.14	1706.3	155.081
dst_to_origin(110)	260.801	1966.1	438.001	1425.2	1674.6	1701.08	156.984
dst_to_origin(111)	260.035	1970.49	436.644	1422.74	1670.66	1699.1	158.446
dst_to_origin(112)	260.25	1974.73	437.453	1420.83	1668.69	1696.73	160.602
dst_to_origin(113)	260	1978.28	440.114	1419	1663.37	1692.76	162.265
dst_to_origin(114)	260.91	1983.31	443.615	1418.52	1661.41	1688.79	164.657
dst_to_origin(115)	260.417	1988.28	449.619	1418.89	1658.3	1683.42	166.604
dst_to_origin(116)	259.656	1988.28	452.913	1419.18	1655.52	1679.46	170.532
dst_to_origin(117)	259.942	1988.18	456.58	1421.55	1649.63	1675.49	171.172
dst_to_origin(118)	259.384	1988.13	459.51	1422.63	1649.89	1671.76	173.243
dst_to_origin(119)	258.521	1987.45	462.533	1425.13	1646.8	1670.6	176.082
dst_to_origin(120)	258.822	1983.89	463.923	1427.65	1644.27	1666.64	181.157
dst_to_origin(121)	258.312	1980.33	465.752	1430.18	1641.75	1664.32	182.702
dst_to_origin(122)	258.815	1976.82	467.287	1432.09	1638.11	1663.74	182.036
dst_to_origin(123)	259.124	1973.95	467.6	1435.94	1636.16	1660.03	182.631
dst_to_origin(124)	258.492	1969.66	468.31	1439.02	1633.08	1656.09	182.455
dst_to_origin(125)	258.683	1966.74	468.688	1441.47	1630.57	1654.94	184.556
dst_to_origin(126)	258.6	1963.14	468.24	1445.96	1626.95	1654.36	185.97
dst_to_origin(127)	257.288	1960.27	468.757	1450.61	1625.28	1653.3	185.981
dst_to_origin(128)	256.538	1958.09	468.018	1454.49	1622.22	1652.73	185.262
dst_to_origin(129)	256.008	1956.6	467.771	1457.74	1620.56	1658.54	181.019
dst_to_origin(130)	254.772	1954.42	468.108	1460.08	1618.34	1661.57	176.082
dst_to_origin(131)	253.237	1952.24	467.851	1463.97	1617.24	1665.99	172.627
dst_to_origin(132)	251.877	1949.38	466.1	1467.88	1615.87	1670.99	169.177
dst_to_origin(133)	251.645	1947.9	465.176	1472.41	1615.9	1676.32	164.438
dst_to_origin(134)	250.288	1945.73	463.953	1476.16	1615.35	1681.08	161.075
dst_to_origin(135)	249.201	1944.95	463.746	1480.7	1614.3	1684.79	156.339
dst_to_origin(136)	248.032	1943.48	463.01	1484.46	1613.51	1687.92	151.648
dst_to_origin(137)	247.002	1942.73	462.01	1489.79	1611.64	1691.64	145.602
dst_to_origin(138)	246.008	1941.22	461.395	1491.98	1611.4	1693.38	140.801
dst_to_origin(139)	243.132	1939.77	460.835	1498.39	1611.47	1696.3	136.825
dst_to_origin(140)	242.25	1939.73	460.046	1501.98	1612.08	1698.06	133.454
dst_to_origin(141)	241.466	1938.26	459.335	1507.77	1612.17	1700.99	127.315
dst_to_origin(142)	239.604	1936.82	458.705	1510.57	1612.79	1702.17	123.146
dst_to_origin(143)	238.925	1937.51	457.665	1517.59	1615.12	1706.51	117.886
dst_to_origin(144)	236.434	1938.19	456.711	1519.78	1616.6	1709.69	114.28
dst_to_origin(145)	235.669	1938.19	454.146	1526.19	1618.95	1713.46	112.898
dst_to_origin(146)	235.614	1936.77	451.885	1529.95	1621.82	1716.64	112.898
dst_to_origin(147)	233.944	1939.6	450.09	1536.52	1625.23	1720.42	115.434
dst_to_origin(148)	233.189	1940.31	448.929	1538.72	1627.59	1723.81	116.469
dst_to_origin(149)	232.594	1942.45	446.86	1544.24	1629.96	1728.2	118.533
dst_to_origin(150)	231.465	1942.47	446.015	1547.83	1632.52	1732.4	120.768
dst_to_origin(151)	229.212	1943.18	443.934	1552.22	1636.28	1734.4	123.167
dst_to_origin(152)	228.712	1943.2	443.081	1555.99	1640.04	1740.8	126.087
dst_to_origin(153)	225.843	1944.68	441.195	1560.74	1642.61	1744.4	128.752
dst_to_origin(154)	224.722	1945.41	440.622	1563.12	1646.04	1749.6	131.552
dst_to_origin(155)	222.036	1946.84	439.11	1568.06	1648.62	1752.81	136.682
dst_to_origin(156)	219.784	1946.93	437.567	1571.24	1652.91	1758.22	139.979
dst_to_origin(157)	216.333	1947.69	436.25	1574.02	1656.51	1760.83	143.586
dst_to_origin(158)	215.128	1947.72	435.837	1578.2	1659.09	1764.26	148.192

dst_to_origin(159)	213.378	1949.22	434.609	1580.8	1662.69	1765.7	151.855
dst_to_origin(160)	211.698	1947.97	433.334	1585.01	1667.5	1766.73	157.29
dst_to_origin(161)	210.618	1946.62	431.196	1587.62	1671.61	1769	162.188
dst_to_origin(162)	208.147	1946.01	429.094	1593.25	1675.56	1769.08	167.705
dst_to_origin(163)	207.155	1945.45	427.019	1595.88	1679.16	1770.12	171.642
dst_to_origin(164)	203.934	1944.08	424	1599.91	1682.76	1771.85	177.226
dst_to_origin(165)	201.695	1942.76	420.03	1603.36	1686.87	1772.89	180.189
dst_to_origin(166)	199.529	1940.81	417.097	1607.4	1689.62	1774.99	186.118
dst_to_origin(167)	196.977	1940.23	415.236	1612.26	1693.38	1777.34	189.929
dst_to_origin(168)	197.466	1938.87	414.349	1616.09	1696.12	1779.21	196.86
dst_to_origin(169)	195.167	1937.62	412.698	1620.5	1699.04	1779.7	200.691
dst_to_origin(170)	195.359	1936.32	411.024	1624.69	1700.92	1780.12	206.642
dst_to_origin(171)	194.147	1934.91	410.411	1629.69	1703.84	1780.87	210.49
dst_to_origin(172)	193.6	1933.62	409.86	1631.67	1706.25	1782.45	215.455
dst_to_origin(173)	194.25	1928.09	410.585	1636.81	1709.7	1781.58	221.416
dst_to_origin(174)	194.201	1927.54	411.428	1638.35	1711.78	1780.67	225.391
dst_to_origin(175)	193.659	1925.66	411.962	1642.11	1713.01	1779.81	230.361
dst_to_origin(176)	193.848	1924.46	412.835	1643.08	1715.44	1777.55	235.332
dst_to_origin(177)	194.371	1924.54	413.465	1644.65	1717.54	1775.88	242.293
dst_to_origin(178)	197.649	1923.27	414.479	1648.22	1718.59	1775.32	246.376
dst_to_origin(179)	197.568	1922.92	415.202	1651.2	1721.23		252.448
dst_to_origin(180)	198.399	1920.93	416.357	1654.2	1722.81		257.42
dst_to_origin(181)	199.905	1919.85	417.594	1655.81	1722.28		260.509
dst_to_origin(182)	202.072	1918.61	419.44	1658.02	1720.59		267.686
dst_to_origin(183)	206.303	1917.95	419.605	1658.44	1721.76		272.767
dst_to_origin(184)	211.291	1916.25	420.557	1659.88	1721.76		278.959
dst_to_origin(185)	216.28	1915.78	420.83	1658.9	1720.7		281.938
dst_to_origin(186)	221.382	1915.22	420.201	1660.37	1719.85		289.126
dst_to_origin(187)	227.139	1914.11	419.92	1662.2	1719		292.104
dst_to_origin(188)	231.625	1912.9	418.858	1662.2	1717.62		297.311
dst_to_origin(189)	236.292	1911.7	418.724	1660.19	1718.15		301.405
dst_to_origin(190)	239.437	1909.96	418.055	1658.17	1719		307.743
dst_to_origin(191)	244.008	1909.43	417.139	1653.97	1721.23	1745.1	311.978
dst_to_origin(192)	246.205	1907.71	417.192	1651.16	1722.28	1744.83	317.352
dst_to_origin(193)	250.801	1908.05	416.432	1647.56	1725.47	1744.83	321.602
dst_to_origin(194)	253.805	1906.76	415.986	1640.55	1728.13	1746.22	326.172
dst_to_origin(195)	261.222	1905.72	415.03	1637.75	1732.19	1748.44	330.607
dst_to_origin(196)	264.017	1905.32	413.769	1634.33	1735.72	1749.82	333.089
dst_to_origin(197)	269.824	1904.04	410.333	1628.11	1736.8	1755.38	337.74
dst_to_origin(198)	273.426	1902.24	409.185	1624.7	1739.5	1757.33	341.248
dst_to_origin(199)	277.029	1901.1	406.355	1619.46	1742.5	1760.66	347.131
dst_to_origin(200)	280.856	1900.46	402.592	1616.85	1743.29	1764	349.497
dst_to_origin(201)	282.482	1898.04	400.746	1611.62	1745.77	1767.34	355.441
dst_to_origin(202)	286.901	1897.68	397.574	1608.41	1747.4	1769.85	359.026
dst_to_origin(203)	290.746	1897.04	394.463	1605.4	1749.3	1774.32	365.034
dst_to_origin(204)	295.42	1895.28	391.833	1601.8	1751.78	1776.84	368.657
dst_to_origin(205)	299.848	1895.08	388.83	1599.41	1753.43	1781.32	373.755
dst_to_origin(206)	305.93	1893.82	385.019	1597.44	1756.19	1783.59	377.16
dst_to_origin(207)	309.535	1891.44	380.291	1595.66	1757.29	1787.51	382.05
dst_to_origin(208)	314.797	1890.34	375.247	1593.73	1760.06	1790.86	384.502

dst_to_origin(209)	318.402	1888.46	371.467	1593.36	1760.62	1793.39	389.423
dst_to_origin(210)	323.396	1886.11	366.019	1592.99	1763.4	1798.71	393.68
dst_to_origin(211)	326.475	1884.24	359.785	1592.26	1765.08	1799.85	396.445
dst_to_origin(212)	328.434	1881.75	357.262	1590.87	1766.19	1805.51	402.016
dst_to_origin(213)	333.756	1880.04	352.239	1589.7	1769.82	1808.05	404.223
dst_to_origin(214)	334.91	1878.18	346.133	1591.23	1770.95	1811.99	407.029
dst_to_origin(215)	338.053	1874.47	341.423	1591.23	1772.63	1815.69	411.108
dst_to_origin(216)	341.602	1872.45	334.51	1592.63	1774.32	1817.66	413.63
dst_to_origin(217)	344.401	1870.15	329.257	1594.25	1775.45	1822.77	418.686
dst_to_origin(218)	348.023	1867.7	322.047	1597.26	1776.89	1823.93	421.541
dst_to_origin(219)	350.648	1867.08	315.406	1601.9	1776.64	1824.51	426.954
dst_to_origin(220)	354.359	1864.45	308.769	1604.57	1778.91	1828.23	429.838
dst_to_origin(221)	356.237	1863.58	306.557	1608.63	1780.62	1829.39	434.356
dst_to_origin(222)	356.867	1862.36	299.923	1612.71	1782.9	1830.79	437.269
dst_to_origin(223)	360.81	1859.31	293.874	1615.15	1785.44	1834.75	443.125
dst_to_origin(224)	361.199	1859.08	288.062	1618.18	1788.55	1838.94	446.068
dst_to_origin(225)	361.083	1857.07	280.045	1622.02	1790.27	1840.92	451.054
dst_to_origin(226)	362.836	1855.25	275.632	1624.23	1793.97	1845.69	451.799
dst_to_origin(227)	361.913	1852.03	270.046	1625.62	1797.09	1848.48	452.174
dst_to_origin(228)	362.505	1850.82	262.256	1630.04	1800.22	1851.28	456.308
dst_to_origin(229)	361.093	1851.02	256.675	1634.46	1802.77	1856.86	458.785
dst_to_origin(230)	362.505	1846.8	249.704	1636.67	1806.49	1859.66	461.172
dst_to_origin(231)	364.589	1847	244.131	1641.91	1808.23	1864.43	462.8
dst_to_origin(232)	362.58	1847.2	238.562	1644.94	1811.38	1868.62	465.718
dst_to_origin(233)	360.584	1845.4	231.607	1649.12	1813.36	1871.42	466.995
dst_to_origin(234)	359.089	1844.4	226.049	1652.73	1817.9	1876.41	470.933
dst_to_origin(235)	356.931	1844.62	219.939	1654.94	1820.47	1880.83	472.259
dst_to_origin(236)	354.031	1845.03	214.394	1659.69	1822.45	1882.81	474.068
dst_to_origin(237)	350.464	1844.64	209.695	1661.09	1825.02	1888.62	475.903
dst_to_origin(238)	345.419	1844.27	203.63		1827.6	1893.03	477.353
dst_to_origin(239)	340.442	1844.64	196.736		1829.36	1893.84	478.373
dst_to_origin(240)	337.617	1844.23	190.192		1832.53	1900.46	478.067
dst_to_origin(241)	332.641	1844.42	185.93	1666.9	1836.29	1902.67	478.774
dst_to_origin(242)	327.727	1842.42	179.825	1665.85	1837.48	1907.3	479.038
dst_to_origin(243)	324.228		177.099	1664.79		1912.75	478.996
dst_to_origin(244)	317.238		174.897	1664.56		1914.38	479.355
dst_to_origin(245)	314.493		170.985	1664.32		1919.83	478.592
dst_to_origin(246)	309.128		168.077	1664.45		1922.27	478.21
dst_to_origin(247)	306.415		165.496	1661.57		1924.71	477.046
dst_to_origin(248)	303.832		163.811	1658.7		1930.18	476.775
dst_to_origin(249)	301.916		160.353	1655.59		1930.99	475.733
dst_to_origin(250)	299.702		158.66	1651.91		1936.46	474.995
dst_to_origin(251)	298.819		156.205	1647.42		1939.49	472.671
dst_to_origin(252)	297.2		152.591	1642.93		1939.15	471.424
dst_to_origin(253)	297.027		150.615	1639.02		1941.26	469.401
dst_to_origin(254)	295.503		149.857	1634.8		1943.38	469.004
dst_to_origin(255)	294.287		148.273	1632.29		1946.09	468.402
dst_to_origin(256)	293.716		149.03	1628.65		1946.83	466.602
dst_to_origin(257)	292.674	1848.52	150.053	1625.58	1864.71	1947.9	465.8
dst_to_origin(258)	293.302	1848.52	150.333	1623.34	1865.16	1951.13	468.803

dst_to_origin(259)	291.894	1847.55	152.84	1620.56	1866.05	1952.72	470.601
dst_to_origin(260)	292.104	1847.18	154.574	1618.06	1866.33	1954.33	472.222
dst_to_origin(261)	292.262	1847	157.69	1615.84	1866.62	1954.85	473.701
dst_to_origin(262)	292.588	1845.86	160.431	1613.08	1867.07	1956.48	475.395
dst_to_origin(263)	293.389	1844.89	164.924	1611.17	1867.22	1958.94	475.564
dst_to_origin(264)	293.375	1843.93	169.366	1609.81	1868.31	1960.05	475.918
dst_to_origin(265)	294.333	1844.54	173	1610.69	1868.47	1961.97	476.942
dst_to_origin(266)	294.878	1842.63	177.406	1609.36	1869.57	1963.36	478.553
dst_to_origin(267)	298.613	1841.05	180.613	1609.72	1869.76	1962.26	479.11
dst_to_origin(268)	300.167	1840.1	184.954	1610.93	1870.1	1962.55	480.252
dst_to_origin(269)	303.078	1838.36	189.476	1611.01	1871.08	1961.47	480.626
dst_to_origin(270)	305.473	1838.2	193.745	1610.57	1870.8	1960.67	481.918
dst_to_origin(271)	308.444	1836.46	197.669	1610.14	1871.02	1958.77	482.498
dst_to_origin(272)	312.386	1834.74	203.118	1611.09	1869.99	1957.73	483.07
dst_to_origin(273)	314.841	1835.36	207.273	1612.06	1869.72	1956.16	483.762
dst_to_origin(274)	319.188	1833.8	213.715	1613.04	1868.57	1956.76	483.793
dst_to_origin(275)	321.672	1834.1	220.204	1614.03	1867.55	1955.76	483.828
dst_to_origin(276)	324.785	1832.54	227.068	1615.03	1867.19	1957.22	483.911
dst_to_origin(277)	328.247	1832.39	232.045	1616.56	1866.19	1957.84	481.864
dst_to_origin(278)	332.054	1831.3	230.495	1617.92	1866.6	1958.25	479.771
dst_to_origin(279)	334.91	1829.6	229.491	1619.46	1865.5	1958.66	476.211
dst_to_origin(280)	339.377	1830.23	226.102	1621.36	1866.69	1958.77	474.747
dst_to_origin(281)	342.243	1829.3	221.653	1622.42	1866.36	1959.54	474.747
dst_to_origin(282)	349.894	1827.46	216.906	1624.7	1866.05	1960.19	477.624
dst_to_origin(283)	352.098	1826.68	211.917	1625.78	1866.4	1959.61	479.213
dst_to_origin(284)	355.928	1825.77	206.39	1627.37	1866.86	1960.27	482.25
dst_to_origin(285)	360.721	1823.94	203.63	1629.83	1866.49	1960.42	485.153
dst_to_origin(286)	363.6	1822.25	197.8	1632.8	1866.96	1961.44	488.895
dst_to_origin(287)	368.402	1821.48	192.816	1635.27	1866.04	1962.12	492.659
dst_to_origin(288)	371.286	1821.35	187.832	1637.38	1866.36	1962.12	495.035
dst_to_origin(289)	376.368	1818	182.321	1641.12	1866.87	1962.46	498.844
dst_to_origin(290)	379.255	1817.87	176.819	1642.76	1867.97	1962.13	502.673
dst_to_origin(291)	383.106	1816.33	170.816	1646.14	1868.49	1961.47	507.159
dst_to_origin(292)	387.924	1812.37	168.44	1648.66	1867.54	1960.45	509.475
dst_to_origin(293)	391.082	1811.47	163.857	1651.67	1868.02	1959.28	513.206
dst_to_origin(294)	395.204	1809.94	157.943	1655.57	1867.15	1957.61	515.536
dst_to_origin(295)	397.666	1806	153.883	1659.07	1866.91	1956.1	520.059
dst_to_origin(296)	402.751	1805.88	149.375	1660.82	1867.48	1951.72	523.809
dst_to_origin(297)	406.45	1805	145.344	1667.44	1868.73	1949.85	526.946
dst_to_origin(298)	408.923	1802.6	138.192	1670.56	1869.31	1944.62	530.094
dst_to_origin(299)	414.841	1801.72	132.382	1676.78	1869.9	1941.76	534.657
dst_to_origin(300)	417.612	1800.96	126.625	1680.77	1871.17	1936.18	537.643
dst_to_origin(301)	421.941	1797.81	122.654	1685.24	1871.82	1933.34	542.22
dst_to_origin(302)	424.746	1795.43	122.156	1691.07	1871.01	1928.64	546.008
dst_to_origin(303)	428.822	1794.57	125.399	1694.66	1869.52	1926.29	548.401
dst_to_origin(304)	432.604	1793.81	131.309	1699.61	1868.76	1922.97	553.001
dst_to_origin(305)	433.554	1792.09	135.93	1702.8	1868.83	1920.63	553.802
dst_to_origin(306)	438.608	1790.58	139.646	1709.11	1868.14	1917.32	552.2
dst_to_origin(307)	441.461	1789.73	142.804	1713.57	1866.04	1914.99	553.206
dst_to_origin(308)	444.946	1787.37	146.537	1718.52	1864.63	1911.3	554.228

dst_to_origin(309)	450.362	1786.52	150.283	1721.24	1866.77	1908	557.46
dst_to_origin(310)	452.913	1786.43	154.383	1726.67	1869.6	1904.32	559.476
dst_to_origin(311)	456.745	1784	156.263	1729.39	1871.01	1901.04	558.073
dst_to_origin(312)	462.806	1783.25	160.975	1735.7	1872.38	1898.73	557.826
dst_to_origin(313)	464.431	1782.41	166.027	1738.9	1872.5	1895.46	559.416
dst_to_origin(314)	468.633	1780	171.082	1742.58	1870.49	1891.32	560.817
dst_to_origin(315)	471.916	1778.5	177.406	1747.15	1869.8	1888.07	564.416
dst_to_origin(316)	475.791	1777.68	182.464	1752.59	1869.17	1885.3	565.022
dst_to_origin(317)	479.104	1776.11	187.523	1758.03	1869.26	1882.53	561.008
dst_to_origin(318)	483.365	1774.54	192.585	1760.75	1868.68	1880.65	558.401
dst_to_origin(319)	487.64	1772.98	198.6	1766.69	1869.51	1878.31	557.609
dst_to_origin(320)	490.624	1769.94	201.762	1771.26	1870.36	1877.38	556.044
dst_to_origin(321)	494.923	1769.87	206.526	1775.46	1871.15	1875.05	554.734
dst_to_origin(322)	497.539	1769.06	211.301	1779.66	1872.68	1872.74	554.625
dst_to_origin(323)	502.777	1766.78	217.044	1782.13	1873.54	1871.35	554.79
dst_to_origin(324)	504.48	1766.71	223.761	1785.98	1872.93	1867.25	555.044
dst_to_origin(325)	510.13	1765.91	228.569	1787.97	1873.73	1864.99	555.537
dst_to_origin(326)	513.565	1764.32	233.386	1789.11	1874.61	1861.37	555.255
dst_to_origin(327)	517.929	1764.21	236.544	1791.62	1874.74	1861.35	556.095
dst_to_origin(328)	520.482	1764.15	242.332	1793.79	1876.3	1859.09	559.995
dst_to_origin(329)	520.895	1763.21	249.353	1793.58	1877.19	1858.18	563.6
dst_to_origin(330)	524.382	1761.75	255.409	1794.41	1878.83	1855.94	568.595
dst_to_origin(331)	529.694	1760.97	261.216	1795.08	1880.4	1854.6	569.158
dst_to_origin(332)	531.507	1760.1	268.002	1795.59	1881.4	1853.28	566.117
dst_to_origin(333)	531.994	1759.33	272.619	1795.94	1883.06	1852.41	562.254
dst_to_origin(334)	530.668	1757.8	277.482	1795.12	1885.4	1851.09	559.787
dst_to_origin(335)	530.25	1757	283.323	1794.97	1886.34	1848	559.29
dst_to_origin(336)	527.524	1756.28	287.976	1793.66	1887.27	1845.36	559.151
dst_to_origin(337)	525.289	1755.52	291.666	1791.63	1887.56	1841.85	557.66
dst_to_origin(338)	523.474	1754.7	297.121	1788.96	1887.76	1837.45	556.21
dst_to_origin(339)	519.912	1755.37	302.61	1786.63	1888.17	1833.07	554.802
dst_to_origin(340)	515.932	1755.37	307.148	1781.54	1888.38	1828.69	552.033
dst_to_origin(341)	511.957	1753.93	311.541	1777.84	1887.3	1824.33	550.091
dst_to_origin(342)	508.898	1751.72	315.981	1772.23	1888.28	1822.21	548.016
dst_to_origin(343)	505.439	1751.7	319.476	1767.47	1887.97	1819.69	545.367
dst_to_origin(344)	504.23	1752.4	321.885	1760.8	1887.04	1816.62	542.896
dst_to_origin(345)	501.328	1752.38	325.346	1756.58	1886.64	1813.62	540.316
dst_to_origin(346)	498.848	1751.61	327.982	1750.98	1886.37	1809.31	537.13
dst_to_origin(347)	497.314	1751.59	328.976	1745.93	1885.98	1805.92	533.975
dst_to_origin(348)	497.109	1750.85	325.994	1744.24	1886.51	1801.64	530.192
dst_to_origin(349)	496.924	1751.54	324.006	1738.36	1885.51	1798.38	527.092
dst_to_origin(350)	496.397	1750.82	326.339	1734.16	1885.29	1798.08	524.101
dst_to_origin(351)	496.258	1751.51	324.858	1729.96	1884.31	1797.57	519.573
dst_to_origin(352)	497.076	1751.5	323.73	1724.93	1882.56	1800.21	517.36
dst_to_origin(353)	497.579	1752.22	324.359	1720.49	1880.19	1802.04	512.91
dst_to_origin(354)	497.845	1752.23	323.068	1715.76	1879.24	1803.46	510.001
dst_to_origin(355)	499.397	1752.94	321.646	1711.31	1877.52	1804.68	506.385
dst_to_origin(356)	501.57	1753.68	319.081	1705.75	1875.18	1804.27	503.532
dst_to_origin(357)	505.028	1754.41	318.101	1701.59	1872.69	1802.44	498.535
dst_to_origin(358)	507.548	1754.44	315.558	1696.6	1871.78	1800.62	493.569

dst_to_origin(359)	509.444	1756.62	313.037	1692.45	1868.69	1800.21	489.318
area(0)	208	240.5	233	252	189.5	187	221
area(1)	221.5	247	231	245	200	191.5	217.5
area(2)	217	241.5	228.5	250.5	198	194.5	217
area(3)	225	248.5	231	252.5	203	190.5	210
area(4)	225	252.5	221	258	202.5	183	223
area(5)	230.5	251.5	219	247.5	198.5	190.5	209
area(6)	233	259.5	224	270	200	187.5	224
area(7)	226	247.5	246	248	198.5	189	224.5
area(8)	225.5	249.5	233.5	249	203	184	217.5
area(9)	221	247.5	233	252	194	193.5	229
area(10)	223.5	245	233	253.5	206.5	185.5	230.5
area(11)	240	273.5	255	226	205.5	185.5	226.5
area(12)	246	268	247	239	199.5	185	230
area(13)	246	286.5	241.5	242.5	212.5	182	218
area(14)	236	270	255	250	217.5	189.5	203
area(15)	241.5	270	260	246	197.5	186.5	221
area(16)	232	256.5	256	253	199	196.5	207.5
area(17)	245	270.5	258	252	188.5	195	215
area(18)	238	286.5	255	245.5	197	189	236
area(19)	248.5	271	257.5	240.5	190.5	198	228
area(20)	250.5	289.5	284	256.5	198	204	214.5
area(21)	254.5	276.5	266	264.5	187	186	220
area(22)	237.5	279.5	267.5	249	206	197.5	220.5
area(23)	219.5	282	275	255	201.5	195	206
area(24)	236.5	278	253.5	248.5	199	202	231
area(25)	229.5	283	256	232.5	201.5	198	218
area(26)	229.5	303.5	234.5	239.5	222	176.5	227
area(27)	229.5	303.5	234.5	239.5	222	176.5	227
area(28)	225.5	304	253.5	237.5	211	181.5	206.5
area(29)	232.5	291.5	246	240	198.5	171	219.5
area(30)	222.5	287	241.5	246.5	211.5	178.5	213
area(31)	222.5	301.5	251	248.5	212	181	221.5
area(32)	230	284	265	254.5	217	187.5	209.5
area(33)	223	290.5	243.5	247	209.5	191	212.5
area(34)	237	339	256.5	250.5	212.5	183	219
area(35)	229.5	309.5	250.5	259.5	210.5	192.5	204.5
area(36)	220	284.5	260.5	250.5	202.5	196	206
area(37)	237	279	241.5	260	206.5	189	224
area(38)	248	279	245.5	244	198	193.5	228.5
area(39)	238	297.5	256.5	253	205.5	186	213
area(40)	229	280	249	243	206.5	197	223
area(41)	223	301	237	246.5	188.5	201	200
area(42)	232	268	232	250	192	205	200
area(43)	238.5	274	235	252.5	192.5	197.5	204.5
area(44)	218.5	303.5	241.5	242.5	197.5	200.5	216
area(45)	227	277.5	228.5	253	192	179.5	205
area(46)	214	277	235	250.5	198	205	202
area(47)	223.5	302.5	241.5	257	200	192.5	195.5
area(48)	211.5	327	247.5	245.5	194.5	192	193

area(49)	220.5	306	240.5	264.5	188.5	196.5	210.5
area(50)	215.5	305	240.5	243.5	198.5	188.5	210.5
area(51)	221.5	310.5	240.5	274	204.5	189	217
area(52)	223	290.5	223.5	262	200.5	203.5	210
area(53)	218	282	252	254.5	191	189	213
area(54)	247.5	275	245.5	267	212	201	186
area(55)	222.5	285	237	256	187	188.5	187.5
area(56)	223	298	239	266.5	203.5	190	198.5
area(57)	227	280.5	274	268.5	190	196.5	204
area(58)	217	272	225	263	200	188	210
area(59)	231	257	226.5	258	191.5	205	208.5
area(60)	215.5	268.5	234	248	209	190.5	202
area(61)	226.5	267.5	240.5	264.5	203.5	196	212.5
area(62)	218	274.5	240	251.5	195.5	195.5	215
area(63)	234.5	278	252.5	252	208	199.5	215
area(64)	235	277.5	250.5	248	203	192.5	203
area(65)	237	271.5	230.5	260.5	195.5	211	218
area(66)	222.5	280.5	238	248.5	205	198.5	203
area(67)	212.5	263	228	257.5	208	199.5	204.5
area(68)	223.5	274	237	248	216	195.5	207.5
area(69)	206.5	269	222.5	275	206	208	205
area(70)	238.5	263.5	246	270	212.5	201	219
area(71)	220.5	266	246	282.5	188.5	202.5	206
area(72)	226	270	227	286	197	192.5	201
area(73)	206.5	271.5	245	259.5	192.5	197	212
area(74)	211	263	223.5	297	205	196	205.5
area(75)	218	258	241	295	205.5	199.5	210
area(76)	219.5	250	241	278	208	189	239.5
area(77)	218.5	271	229	259.5	207.5	200.5	227
area(78)	219	265.5	235.5	259.5	212.5	197.5	226.5
area(79)	223.5	276	240	276.5	204.5	213	209
area(80)	227.5	265	247	272	206.5	189	223
area(81)	226	259.5	238	276	196	199.5	211
area(82)	220	269	242	273	202	196.5	216
area(83)	222.5	251.5	249.5	277	218.5	200	227
area(84)	219	259.5	241	275	216.5	182.5	214
area(85)	225.5	248	246	277.5	223	203.5	224.5
area(86)	224	248	238.5	280	218	202	217
area(87)	228	266	263.5	259	212.5	183.5	220.5
area(88)	217.5	262.5	252.5	273	206	194.5	220
area(89)	207.5	265.5	238.5	269	201	187	225
area(90)	218.5	248	242	268.5	214	197.5	214.5
area(91)	225	258	240.5	259	207.5	194.5	202.5
area(92)	222	279	248	264.5	228.5	192	219
area(93)	224.5	262.5	249	273.5	221	187.5	217
area(94)	230.5	254	238.5	262.5	225.5	199.5	217
area(95)	229	295.5	249	273			217.5
area(96)	208.5	253.5	236.5	257			202.5
area(97)	200	272.5	244	271			201.5
area(98)	234	302	255.5	249.5			201.5

area(99)	227	245.5	255	259			192.5
area(100)	266.5	275	238.5	264.5			220.5
area(101)	216	262.5	247.5	256			222.5
area(102)	194.5	273	256	247.5			217
area(103)	214	277.5	241	263	229.5	199.5	228
area(104)	213.5	332	255	258.5	242.5	199.5	209.5
area(105)	209	287.5	252.5	269	232	198	197
area(106)	199	289	250	248	226.5	210	210
area(107)	208	314	291	266	243.5	185.5	219.5
area(108)	229.5	265.5	253.5	257.5	226.5	191.5	228.5
area(109)	212.5	302	252	264.5	231	203	239.5
area(110)	219.5	284	269.5	266	223	203.5	219
area(111)	234	319.5	259.5	244.5	230.5	209	228.5
area(112)	240.5	290.5	263.5	266	241	207.5	222
area(113)	244	296	252.5	266	216.5	202.5	215.5
area(114)	219.5	328	264.5	253.5	230	186	232
area(115)	229.5	309	273	262.5	225	201.5	226.5
area(116)	232	340	264.5	255.5	230.5	192	219.5
area(117)	237.5	323	271.5	246.5	217.5	206.5	235.5
area(118)	242	296	269	249	228	195	222
area(119)	236	292.5	264.5	246.5	213.5	200	226
area(120)	237.5	278.5	273.5	259	231	189.5	226.5
area(121)	242	266	257.5	257	221	182	235
area(122)	228.5	288.5	265.5	254	225	200	251
area(123)	228.5	285	270	250	235.5	213	230.5
area(124)	233.5	280	265	258	218.5	196	205
area(125)	250	284	265	256	221	196.5	222
area(126)	229	282	280.5	263	207	204.5	228.5
area(127)	238.5	275	266	249	223.5	203.5	218
area(128)	228.5	301.5	267	254	221.5	208	221.5
area(129)	235.5	277.5	272	242	227.5	188	198
area(130)	241.5	287.5	251.5	261.5	215	192	218.5
area(131)	240	293.5	268	244.5	213	188	223
area(132)	244	280	277.5	251	207.5	197.5	233.5
area(133)	248.5	282.5	253.5	242.5	218.5	201.5	203.5
area(134)	217.5	297	258	224.5	223	202	215
area(135)	242	289.5	255.5	249	212.5	199	210.5
area(136)	232.5	273	249.5	238.5	205	201	208
area(137)	234.5	283.5	262.5	263.5	216	184	211.5
area(138)	238	259.5	271	249.5	220	199	209.5
area(139)	220.5	268	264	295	206	183.5	207
area(140)	245.5	284.5	263	253	215.5	188	212
area(141)	225.5	273.5	254.5	251	217.5	186	210.5
area(142)	237	275.5	244.5	252	211.5	200.5	208.5
area(143)	240.5	286	274.5	252	213.5	187.5	196.5
area(144)	239.5	253	280.5	251.5	208.5	189	219.5
area(145)	244.5	262.5	265	244.5	210.5	193.5	214.5
area(146)	232	271.5	265	264.5	225	209	207.5
area(147)	243	250	279.5	243	206	187	208.5
area(148)	225	248.5	264.5	259.5	222.5	192	219.5

area(149)	230.5	242	269	253.5	214.5	189.5	225
area(150)	231.5	260	276	250	218.5	212	212
area(151)	237	254.5	267	245	205.5	214	231.5
area(152)	256	245.5	256.5	246	208	202	212
area(153)	227	244	271.5	226.5	216.5	203	224.5
area(154)	249	258	250	232	208	206	231.5
area(155)	244	247.5	264.5	245	218	189	225.5
area(156)	251	283	256	236.5	207	191	222
area(157)	244	267	256.5	239.5	217	186.5	236
area(158)	256	247	249.5	239	221	192	221.5
area(159)	240	274	260.5	236.5	217	169	219.5
area(160)	240.5	297.5	256	228.5	217.5	187	213.5
area(161)	252	243	251	232.5	227.5	187	211.5
area(162)	246.5	248.5	267	238	217	192	218
area(163)	252.5	240.5	257.5	225.5	221	186.5	220.5
area(164)	247	255	252.5	244.5	225	179	221
area(165)	248.5	245	260	237.5	220	184	219.5
area(166)	233	253.5	252	224.5	229.5	183.5	217.5
area(167)	242	244.5	266.5	234.5	224	185.5	231.5
area(168)	256	248.5	252	250	233.5	179.5	214.5
area(169)	235.5	251.5	261	256.5	217	180.5	225.5
area(170)	241.5	258.5	259	256.5	217	184.5	211.5
area(171)	229.5	268	257.5	232.5	223	175.5	228
area(172)	248	256.5	251	250.5	227.5	177.5	202
area(173)	245.5	267	242.5	254.5	200	182.5	213.5
area(174)	255.5	257	245.5	238	224	190	217.5
area(175)	231.5	251	252.5	249.5	220	179.5	215
area(176)	248	246.5	247	254.5	216.5	196	232
area(177)	248	263	264.5	256.5	216.5	195	195.5
area(178)	239.5	240.5	254.5	229	225.5	195	236.5
area(179)	257	263	254.5	226	213		207
area(180)	254.5	259	266.5	235.5	229.5		215.5
area(181)	244.5	247	252	258	214		224
area(182)	266.5	237.5	266	237	222.5		208
area(183)	235.5	247	257.5	253.5	206		216
area(184)	247.5	232	261.5	243	211		206.5
area(185)	263.5	256	242	253.5	182		223.5
area(186)	249.5	259	260	267	197.5		207
area(187)	255	239	243	251.5	222		227.5
area(188)	258.5	248	255	255.5	205.5		206.5
area(189)	252.5	245	232.5	253.5	213.5		219.5
area(190)	262.5	253	257	233.5	201.5		213.5
area(191)	254	255.5	254.5	258	199	207	215.5
area(192)	245.5	233.5	259.5	254.5	207.5	200.5	218
area(193)	257	233	249	274.5	205	200	219
area(194)	261	250	263.5	256	223	187.5	207.5
area(195)	255.5	230.5	248.5	257.5	243	180	219
area(196)	258	236.5	246.5	281	222	190	229.5
area(197)	252	252.5	256.5	246.5	246.5	196.5	214.5
area(198)	252.5	238.5	243	254	212.5	191.5	223.5

area(199)	245	249	252	250.5	231.5	193	221.5
area(200)	258.5	251	230	260	218.5	208	219
area(201)	266	226	255.5	250	224.5	175	210.5
area(202)	248	245.5	243.5	240	248	223	223
area(203)	256.5	257	245.5	246.5	214.5	198	222
area(204)	246	232	242	254	242.5	203.5	223.5
area(205)	245	256.5	242.5	258.5	253	196.5	208
area(206)	258.5	239.5	247	237	232.5	212	219.5
area(207)	244.5	238.5	249	245.5	240	200.5	212
area(208)	258.5	256.5	241	234.5	238	189.5	235.5
area(209)	242.5	230.5	235.5	254	232.5	212.5	217.5
area(210)	257	250.5	242.5	233.5	229	201	218.5
area(211)	247	253	262	264.5	240	214.5	222
area(212)	256	253	248	240.5	236	193	210
area(213)	263.5	253.5	248.5	247	233.5	196	228
area(214)	252	256.5	241.5	222.5	225.5	197	219
area(215)	242	261	258	225.5	222	199.5	224.5
area(216)	239.5	261	247.5	224.5	229	197.5	229
area(217)	266	251	240	234.5	227.5	183	210.5
area(218)	247.5	254	262.5	238	236.5	200	227
area(219)	257	261.5	250	258	232.5	200.5	201
area(220)	233	235	255	256.5	207.5	190.5	236
area(221)	244	259	265	247.5	219	201.5	202.5
area(222)	250	262	252	254	222	196.5	219.5
area(223)	229	235	246.5	245.5	236.5	202	217
area(224)	248.5	247.5	261	244	229.5	208.5	230
area(225)	246.5	253.5	262	248	225	210.5	213
area(226)	241	244	246	261.5	222.5	198	235
area(227)	237.5	243.5	253	254	228	208	221
area(228)	244	246	239.5	254	218	207	229
area(229)	264	273.5	264.5	242	233	209	228.5
area(230)	288	264.5	258	255	217.5	219	226
area(231)	258.5	249.5	242	242.5	210	197	236
area(232)	246	264.5	268	256.5	222	193.5	218
area(233)	227	268	253.5	254.5	232	215	234
area(234)	234.5	255	244.5	250	229	204.5	239
area(235)	254.5	246.5	269	251	234.5	197.5	252
area(236)	238	250	254.5	244	232	207.5	221.5
area(237)	261.5	254	247.5	242	235.5	173.5	220.5
area(238)	266.5	248	262		210.5	194	230
area(239)	242	233	248		220.5	211	232.5
area(240)	256.5	215.5	255		211	194.5	243
area(241)	254.5	221.5	253	261	226	205.5	222
area(242)	254	240.5	247	278	222.5	193	246.5
area(243)	262.5		252.5	242		179	251.5
area(244)	261.5		258	256		185.5	255
area(245)	269.5		227.5	227.5		180	248
area(246)	260.5		274.5	259.5		167	266
area(247)	253.5		255.5	236		173.5	262.5
area(248)	236		258.5	251		176	256.5

area(249)	245.5		273.5	265		178.5	262.5
area(250)	261		259	243.5		161	265.5
area(251)	250.5		262	247		187	248.5
area(252)	253.5		261.5	240.5		185	264.5
area(253)	246.5		244.5	251.5		193	244.5
area(254)	256		256.5	235.5		164.5	258
area(255)	246		263.5	243		188.5	277.5
area(256)	250		261.5	243		169.5	259
area(257)	261.5	242	263	244.5	220.5	186.5	267
area(258)	254	234.5	244	250	230	165.5	246
area(259)	247	252.5	252.5	252.5	220	184	251.5
area(260)	253	250	257	252	222	181.5	256
area(261)	253	239	249	244.5	224.5	186.5	263
area(262)	246.5	241.5	263.5	237	229.5	184.5	251
area(263)	254	246	258.5	252.5	213	174	260.5
area(264)	254	238.5	231	250	222	177	253
area(265)	250.5	248.5	244.5	236	205.5	178.5	258.5
area(266)	248.5	246.5	257	243.5	222.5	197	248.5
area(267)	256.5	239	265.5	238.5	213	202.5	265
area(268)	258.5	257	267.5	247.5	217	195	264.5
area(269)	236.5	232.5	273	246.5	212	195	247
area(270)	253.5	242.5	267	236	214.5	190.5	261
area(271)	252	238	253	250	212.5	174.5	251
area(272)	245.5	237.5	264	246.5	223	207	261
area(273)	254	232	249	239.5	214.5	196.5	257.5
area(274)	247	234	251.5	225.5	227	203.5	254.5
area(275)	246.5	232	248.5	238.5	221.5	176	234
area(276)	246.5	248	242.5	232.5	223	191	240.5
area(277)	252	247	267	253.5	216.5	196	260.5
area(278)	244	237.5	245.5	224.5	223	172.5	252
area(279)	252.5	245	267.5	233	209	204	248
area(280)	243.5	259.5	253.5	225	222	187	267
area(281)	238.5	248.5	241.5	245	216.5	189	263.5
area(282)	265	247	259	235.5	231.5	199.5	245.5
area(283)	249	241	244.5	218.5	225.5	189.5	247
area(284)	227	255.5	253	226.5	215	201	222.5
area(285)	271.5	243	238	220.5	221.5	183	231
area(286)	253	245.5	236.5	239	220	192	237.5
area(287)	244	238.5	247	229.5	222	195.5	245
area(288)	260	231.5	241.5	234.5	212.5	193.5	247.5
area(289)	214	250	242	243	225.5	191	256.5
area(290)	236.5	247.5	238	235.5	215	196.5	257
area(291)	235.5	254.5	268.5	238.5	219	188.5	252.5
area(292)	237	246.5	235.5	234.5	225.5	202.5	249
area(293)	270.5	267	253.5	239	213	199.5	236.5
area(294)	253.5	256.5	243	239.5	219	203	245.5
area(295)	246	238.5	257.5	228.5	215.5	206.5	224.5
area(296)	262.5	271	245.5	231.5	215.5	219	259
area(297)	239.5	258.5	244	233	236.5	211	234.5
area(298)	245.5	242.5	249.5	253.5	229	198.5	228.5

area(299)	242.5	250	243	244	219.5	221	233.5
area(300)	237	252	240.5	240.5	233.5	212	254.5
area(301)	228.5	253	244	248	225	218.5	234
area(302)	249.5	255.5	257.5	246	204	190.5	246.5
area(303)	248	262	259	249.5	216	215	236
area(304)	265.5	245	245.5	258	225.5	197.5	238.5
area(305)	268.5	247	241.5	254	213	207	259.5
area(306)	243	247.5	248.5	240.5	217	209.5	234.5
area(307)	260	249	251	247	223.5	211.5	240.5
area(308)	267	256.5	251	255.5	223.5	193	249.5
area(309)	229.5	255.5	243.5	261	208.5	215	229
area(310)	257.5	262	250	248.5	195	198	241
area(311)	252	246	245	240	207	211.5	244.5
area(312)	243.5	258.5	247.5	241.5	226.5	209.5	219.5
area(313)	235.5	248	243.5	248	215	197.5	248.5
area(314)	259	236.5	243.5	238	203.5	198	245.5
area(315)	249	252	234.5	232.5	208.5	194.5	244
area(316)	244.5	256	241	249	197	194.5	262
area(317)	260.5	239	244.5	257.5	217.5	194.5	227.5
area(318)	250.5	258.5	238.5	252.5	212.5	186	234.5
area(319)	261	244	247.5	233.5	223.5	194.5	243
area(320)	257.5	256	246.5	249.5	214	195	257
area(321)	262	262.5	270.5	234	218	192	245
area(322)	245	251	252.5	248.5	216	187	250
area(323)	254.5	249.5	250.5	232	209.5	186	234.5
area(324)	267.5	250.5	244.5	238	215	205	263.5
area(325)	234	244.5	247	222.5	209	183	237.5
area(326)	262	253	238	238	205.5	206.5	249.5
area(327)	244	254.5	262.5	240.5	213	197	242.5
area(328)	265	248	242.5	234	214	182	253
area(329)	264.5	242	256.5	243	209.5	194.5	254
area(330)	246.5	257	224	241	209.5	181.5	230.5
area(331)	264	244.5	250	239	217	193	237
area(332)	265.5	244.5	250	226.5	212	182.5	233.5
area(333)	265	258.5	256.5	245.5	205.5	183	221.5
area(334)	261.5	250	264.5	232	211.5	197.5	207.5
area(335)	239	247	250.5	234.5	223.5	187.5	219
area(336)	238	261.5	263	235.5	209	213	234.5
area(337)	219	244.5	250.5	231	217	193	234
area(338)	232.5	241	256.5	246	219	186	254.5
area(339)	238	255	264.5	234.5	217	192	249.5
area(340)	241	259	260	224.5	207	192.5	244
area(341)	243.5	251.5	275	239	228.5	182.5	255
area(342)	257.5	246.5	263.5	248	222.5	194.5	264.5
area(343)	252	259.5	265.5	241.5	223.5	187.5	241
area(344)	251.5	262.5	266	237	224.5	189.5	243.5
area(345)	245	251.5	270	252.5	217.5	174.5	225.5
area(346)	268	253	283.5	243	224	185.5	243.5
area(347)	249.5	255.5	277.5	233.5	217.5	199.5	255.5
area(348)	277	268	309	235	220	190	251.5

area(349)	264.5	276	254	218.5	224	177.5	240.5
area(350)	266.5	282.5	282.5	236.5	219.5	185.5	239
area(351)	261	240.5	266.5	235.5	225.5	180.5	253.5
area(352)	268.5	262	258.5	248.5	227	189	247.5
area(353)	239.5	257.5	237.5	251.5	211	188.5	232
area(354)	249.5	268	253.5	266	224.5	184	224.5
area(355)	258	264	250	254.5	221	186	229.5
area(356)	242	240	249	244	219	189.5	233
area(357)	245	263	253	265.5	225	179.5	260
area(358)	247.5	260.5	263	257	216	165.5	243.5
area(359)	250	259	267.5	257.5	225.5	175	247.5
perimeter(0)	93.4558	97.5563	87.3137	93.4558	78.7279	76.9706	88.9706
perimeter(1)	98.0416	92.9706	91.3137	100.284	82.1421	76.3848	86.7279
perimeter(2)	88.9706	96.3848	89.5563	96.8701	87.799	79.2132	88.9706
perimeter(3)	98.6274	89.5563	91.3137	102.527	86.6274	79.2132	86.1421
perimeter(4)	98.6274	97.5563	87.3137	99.1127	87.2132	78.6274	92.9706
perimeter(5)	95.2132	90.7279	81.6569	95.6985	87.2132	79.2132	88.9706
perimeter(6)	98.6274	90.7279	88.4853	99.1127	83.799	86.0416	90.1421
perimeter(7)	97.4558	89.0711	94.1421	93.4558	87.2132	82.6274	89.5563
perimeter(8)	98.0416	94.7279	86.7279	101.941	84.9706	85.4558	86.7279
perimeter(9)	98.6274	90.7279	85.6569	95.1127	86.1421	82.0416	87.3137
perimeter(10)	92.3848	87.3137	87.3137	99.6985	85.5563	82.0416	83.8995
perimeter(11)	101.456	94.7279	91.3137	89.4558	86.7279	82.0416	83.8995
perimeter(12)	105.456	88.4853	91.3137	96.2843	82.7279	82.6274	94.1421
perimeter(13)	95.799	91.8995	86.7279	96.8701	89.5563	79.799	84.4853
perimeter(14)	99.799	84.4853	102.627	97.4558	88.3848	80.3848	81.6569
perimeter(15)	96.3848	92.4853	101.456	97.4558	88.3848	77.5563	85.6569
perimeter(16)	91.799	87.8995	101.456	100.284	86.6274	81.5563	81.0711
perimeter(17)	88.9706	91.8995	97.4558	103.113	92.8701	75.3137	81.6569
perimeter(18)	95.799	91.8995	96.2843	88.3848	90.6274	79.3137	88.4853
perimeter(19)	91.2132	91.3137	99.6985	91.2132	87.2132	78.1421	90.1421
perimeter(20)	96.8701	93.0711	103.113	89.5563	87.799	82.1421	83.8995
perimeter(21)	95.2132	87.8995	97.4558	99.2132	84.9706	78.1421	90.1421
perimeter(22)	98.0416	98.7279	102.042	98.6274	87.799	80.3848	89.5563
perimeter(23)	94.0416	92.4853	91.3137	94.6274	86.7279	84.9706	86.1421
perimeter(24)	91.2132	94.1421	94.7279	99.2132	84.9706	87.799	92.9706
perimeter(25)	98.0416	100.971	99.799	89.5563	88.3848	79.799	86.1421
perimeter(26)	88.3848	98.7279	95.2132	90.7279	87.799	73.5563	92.9706
perimeter(27)	88.3848	98.7279	95.2132	90.7279	87.799	73.5563	92.9706
perimeter(28)	98.0416	98.1421	98.0416	94.7279	84.9706	70.7279	85.5563
perimeter(29)	100.87	100.385	97.4558	88.4853	85.5563	68.9706	90.7279
perimeter(30)	96.8701	100.971	98.0416	91.8995	82.7279	69.5563	87.3137
perimeter(31)	95.2132	98.0416	92.9706	87.8995	91.799	72.9706	86.7279
perimeter(32)	95.799	101.456	98.6274	91.8995	88.9706	74.7279	85.0711
perimeter(33)	92.9706	104.87	94.0416	92.9706	88.3848	76.9706	87.8995
perimeter(34)	96.9706	102.627	100.87	93.5563	91.2132	76.9706	83.3137
perimeter(35)	86.7279	106.042	96.8701	102.042	87.2132	83.2132	79.8995
perimeter(36)	98.1421	99.2132	100.87	95.2132	77.5563	85.4558	78.1421
perimeter(37)	95.3137	100.971	99.6985	101.456	87.2132	82.6274	82.1421
perimeter(38)	88.4853	100.971	99.6985	91.799	87.799	80.3848	91.2132

perimeter(39)	94.1421	106.042	102.527	96.9706	88.3848	78.1421	90.6274
perimeter(40)	96.9706	109.456	100.284	92.9706	87.2132	79.3137	86.6274
perimeter(41)	94.6274	106.627	100.284	95.2132	91.2132	79.3137	74.1421
perimeter(42)	101.456	99.799	101.456	97.4558	83.799	79.3137	74.1421
perimeter(43)	95.2132	103.799	94.6274	100.87	91.2132	77.0711	81.5563
perimeter(44)	96.8701	100.385	96.3848	96.8701	88.3848	79.8995	82.1421
perimeter(45)	96.2843	88.3848	89.5563	100.284	91.799	73.0711	88.9706
perimeter(46)	97.4558	96.9706	91.3137	96.8701	87.799	79.3137	86.1421
perimeter(47)	94.0416	104.87	85.0711	100.284	91.799	81.5563	66.7279
perimeter(48)	94.0416	102.627	98.7279	99.6985	87.2132	83.799	63.3137
perimeter(49)	100.87	105.456	87.8995	102.527	91.2132	83.2132	77.5563
perimeter(50)	94.0416	108.284	87.8995	95.6985	85.5563	83.2132	77.5563
perimeter(51)	98.0416	93.5563	87.8995	99.1127	91.2132	82.6274	80.9706
perimeter(52)	94.6274	95.2132	90.7279	99.1127	91.2132	86.0416	78.1421
perimeter(53)	95.799	97.4558	98.1421	96.8701	84.9706	82.6274	80.9706
perimeter(54)	92.3848	94.6274	86.7279	96.2843	91.799	82.6274	70.1421
perimeter(55)	93.5563	98.6274	85.6569	93.4558	84.9706	83.2132	76.3848
perimeter(56)	83.3137	101.456	91.3137	95.2132	92.3848	89.4558	77.5563
perimeter(57)	91.3137	99.2132	94.1421	99.2132	87.799	83.2132	82.1421
perimeter(58)	87.3137	103.456	87.3137	92.9706	90.1421	83.799	84.4853
perimeter(59)	91.3137	100.627	93.5563	94.1421	82.7279	82.6274	89.5563
perimeter(60)	82.7279	102.87	86.1421	88.4853	87.3137	79.2132	86.1421
perimeter(61)	93.5563	104.042	99.2132	97.5563	81.0711	85.4558	89.5563
perimeter(62)	95.799	91.8995	91.799	92.3848	90.7279	86.0416	94.6274
perimeter(63)	93.5563	92.4853	99.2132	99.799	80.4853	86.0416	94.6274
perimeter(64)	92.9706	94.7279	95.2132	91.799	83.3137	83.2132	84.9706
perimeter(65)	85.6569	97.5563	95.2132	99.2132	74.7279	86.6274	95.799
perimeter(66)	91.8995	95.8995	95.799	89.5563	80.9706	88.8701	84.9706
perimeter(67)	87.8995	91.3137	91.799	96.3848	83.799	86.0416	91.2132
perimeter(68)	90.7279	92.4853	96.9706	90.1421	82.1421	86.0416	94.0416
perimeter(69)	83.8995	96.9706	93.5563	92.9706	86.1421	85.4558	90.6274
perimeter(70)	93.5563	90.7279	95.799	94.1421	81.5563	82.6274	94.6274
perimeter(71)	91.2132	94.1421	95.799	93.5563	75.2132	87.2132	87.799
perimeter(72)	97.4558	94.1421	94.6274	94.1421	72.9706	81.5563	90.6274
perimeter(73)	87.2132	90.7279	98.6274	92.3848	83.2132	80.9706	91.799
perimeter(74)	96.2843	92.9706	92.3848	98.6274	90.6274	83.799	88.3848
perimeter(75)	89.4558	105.456	96.9706	94.6274	88.3848	84.3848	87.799
perimeter(76)	94.0416	97.4558	96.9706	97.4558	91.799	82.6274	94.0416
perimeter(77)	96.8701	94.6274	87.3137	94.0416	82.7279	83.2132	96.2843
perimeter(78)	94.6274	99.6985	90.7279	94.0416	89.5563	82.0416	96.8701
perimeter(79)	92.3848	101.456	90.1421	100.87	89.5563	90.6274	90.6274
perimeter(80)	92.3848	98.6274	92.9706	91.799	83.8995	80.9706	94.6274
perimeter(81)	95.799	94.0416	95.799	101.456	80.4853	84.3848	94.6274
perimeter(82)	91.799	88.9706	95.799	98.6274	84.4853	81.5563	91.799
perimeter(83)	95.2132	92.3848	96.3848	96.9706	83.8995	82.1421	92.9706
perimeter(84)	94.6274	90.7279	98.6274	91.3137	87.8995	75.8995	86.1421
perimeter(85)	98.0416	88.4853	95.799	94.7279	91.3137	82.7279	89.5563
perimeter(86)	91.799	90.1421	93.5563	98.1421	84.4853	78.1421	87.3137
perimeter(87)	101.456	86.1421	100.385	92.9706	87.8995	86.0416	89.5563
perimeter(88)	90.0416	95.2132	99.2132	96.9706	84.4853	79.2132	90.1421

perimeter(89)	94.0416	98.0416	95.2132	98.6274	87.3137	86.6274	87.3137
perimeter(90)	87.2132	91.799	105.456	99.2132	84.4853	80.3848	85.5563
perimeter(91)	100.284	95.799	99.2132	92.9706	90.7279	87.2132	77.5563
perimeter(92)	97.4558	94.6274	99.799	89.5563	89.5563	83.799	84.9706
perimeter(93)	92.8701	95.2132	104.971	96.3848	87.3137	84.3848	88.9706
perimeter(94)	96.8701	97.4558	93.5563	95.2132	86.7279	84.3848	87.3137
perimeter(95)	98.6274	94.0416	106.627	96.9706			86.7279
perimeter(96)	91.2132	98.0416	99.2132	87.3137			77.5563
perimeter(97)	93.4558	100.87	91.799	91.3137			80.3848
perimeter(98)	97.4558	97.4558	102.042	86.7279			90.0416
perimeter(99)	94.6274	99.6985	104.284	91.3137			73.5563
perimeter(100)	87.2132	104.284	96.8701	87.8995			83.2132
perimeter(101)	83.799	96.8701	103.698	88.4853			87.2132
perimeter(102)	79.2132	100.284	101.456	90.7279			90.6274
perimeter(103)	89.4558	107.698	100.284	91.3137	90.0416	84.3848	91.799
perimeter(104)	90.0416	103.113	104.284	93.5563	96.8701	84.3848	78.7279
perimeter(105)	82.6274	103.698	99.2132	96.9706	93.4558	87.799	71.3137
perimeter(106)	86.6274	108.284	94.1421	91.799	96.8701	78.1421	78.1421
perimeter(107)	82.1421	105.456	100.971	95.799	94.0416	78.7279	84.3848
perimeter(108)	88.3848	96.3848	96.3848	96.3848	96.8701	84.3848	89.5563
perimeter(109)	89.5563	105.456	101.456	89.5563	94.6274	84.9706	92.3848
perimeter(110)	92.3848	99.799	96.3848	94.1421	94.6274	73.0711	83.3137
perimeter(111)	95.799	102.042	92.3848	89.5563	95.2132	80.9706	89.5563
perimeter(112)	99.2132	104.87	100.385	94.1421	98.6274	86.0416	86.1421
perimeter(113)	101.456	99.799	97.5563	95.799	91.2132	88.8701	81.0711
perimeter(114)	92.3848	99.799	97.5563	98.0416	95.799	79.799	90.1421
perimeter(115)	96.3848	106.627	96.9706	95.2132	90.6274	90.0416	83.8995
perimeter(116)	91.799	117.456	99.2132	94.0416	95.2132	83.799	90.7279
perimeter(117)	96.3848	100.971	102.042	96.8701	88.3848	87.2132	90.7279
perimeter(118)	94.1421	98.1421	100.284	90.6274	90.1421	84.9706	84.4853
perimeter(119)	90.1421	99.2132	102.527	95.2132	86.7279	82.1421	84.4853
perimeter(120)	86.7279	95.2132	109.355	94.6274	92.9706	78.7279	93.5563
perimeter(121)	94.1421	86.1421	99.6985	100.284	87.3137	78.1421	92.9706
perimeter(122)	89.5563	81.5563	99.6985	97.4558	87.3137	82.1421	92.9706
perimeter(123)	87.8995	88.9706	107.113	86.1421	90.7279	79.3137	85.5563
perimeter(124)	94.7279	91.799	98.6274	94.1421	83.8995	82.1421	79.3137
perimeter(125)	94.1421	91.799	98.6274	90.1421	87.3137	79.8995	86.1421
perimeter(126)	87.3137	94.1421	99.2132	91.3137	83.3137	79.8995	91.2132
perimeter(127)	91.8995	92.9706	95.799	87.3137	90.7279	84.3848	87.799
perimeter(128)	89.5563	94.7279	102.627	94.1421	86.7279	82.1421	90.0416
perimeter(129)	90.7279	96.3848	99.799	84.4853	90.7279	75.799	71.799
perimeter(130)	94.7279	90.7279	92.3848	94.7279	81.6569	75.799	85.5563
perimeter(131)	90.1421	94.7279	99.799	87.8995	87.3137	74.1421	84.9706
perimeter(132)	90.1421	88.4853	94.7279	91.3137	82.7279	80.3848	86.7279
perimeter(133)	97.5563	91.8995	94.7279	83.8995	93.5563	80.3848	82.7279
perimeter(134)	86.7279	95.3137	92.4853	87.8995	92.9706	78.1421	83.3137
perimeter(135)	94.1421	94.7279	90.7279	87.3137	91.2132	75.3137	85.5563
perimeter(136)	89.5563	96.9706	94.7279	91.8995	88.9706	80.9706	91.799
perimeter(137)	93.5563	100.385	91.8995	90.7279	91.799	72.4853	84.3848
perimeter(138)	94.1421	92.3848	92.9706	94.7279	91.799	75.3137	90.0416

perimeter(139)	89.5563	99.799	98.1421	92.9706	87.799	73.0711	86.6274
perimeter(140)	96.3848	99.2132	91.3137	98.6274	94.0416	72.4853	95.1127
perimeter(141)	88.3848	98.0416	91.8995	96.2843	90.0416	78.1421	88.8701
perimeter(142)	98.6274	102.042	95.8995	103.113	95.6985	79.8995	92.8701
perimeter(143)	99.2132	97.4558	91.8995	93.4558	90.0416	73.0711	84.8701
perimeter(144)	92.3848	100.284	95.8995	103.698	91.2132	79.3137	95.6985
perimeter(145)	99.2132	96.8701	95.3137	91.2132	85.5563	78.7279	88.8701
perimeter(146)	90.1421	94.0416	96.9706	99.2132	88.9706	79.3137	86.0416
perimeter(147)	92.9706	97.4558	100.385	92.9706	86.1421	75.3137	83.2132
perimeter(148)	88.9706	100.87	107.213	100.385	83.8995	82.1421	84.3848
perimeter(149)	93.5563	87.799	96.9706	85.0711	83.8995	78.7279	90.6274
perimeter(150)	92.3848	101.456	98.1421	94.1421	83.8995	82.1421	91.799
perimeter(151)	98.6274	104.87	91.3137	88.9706	86.7279	87.799	94.0416
perimeter(152)	101.456	98.0416	97.5563	95.799	80.4853	79.799	91.799
perimeter(153)	96.2843	91.799	98.7279	83.8995	87.8995	86.6274	91.2132
perimeter(154)	100.284	105.456	94.1421	88.4853	80.4853	79.799	94.0416
perimeter(155)	93.4558	102.042	97.5563	87.3137	84.4853	80.9706	88.3848
perimeter(156)	96.2843	92.9706	90.1421	87.8995	83.3137	75.3137	95.799
perimeter(157)	93.4558	104.284	97.5563	90.7279	87.3137	75.8995	91.799
perimeter(158)	103.113	104.284	96.3848	92.9706	88.9706	82.1421	86.7279
perimeter(159)	93.4558	107.113	97.5563	89.5563	88.9706	80.9706	90.7279
perimeter(160)	102.527	98.0416	99.799	89.5563	88.3848	84.9706	86.7279
perimeter(161)	103.113	104.284	92.9706	89.5563	94.0416	76.9706	90.7279
perimeter(162)	98.5269	100.87	102.627	86.1421	90.6274	85.4558	84.4853
perimeter(163)	102.527	100.87	98.0416	86.7279	90.6274	88.8701	87.8995
perimeter(164)	96.2843	104.284	100.87	87.8995	90.6274	78.6274	87.3137
perimeter(165)	100.87	98.6274	103.113	86.7279	93.4558	85.4558	90.7279
perimeter(166)	90.6274	98.0416	103.113	87.8995	90.0416	86.0416	85.0711
perimeter(167)	97.4558	99.2132	96.8701	83.8995	93.4558	80.3848	89.0711
perimeter(168)	101.456	99.2132	101.456	84.4853	90.0416	86.0416	83.8995
perimeter(169)	95.6985	92.3848	98.6274	89.5563	90.6274	83.2132	96.3848
perimeter(170)	98.0416	93.5563	92.9706	99.2132	88.9706	83.2132	81.0711
perimeter(171)	90.0416	98.1421	94.7279	92.8701	83.3137	86.0416	88.4853
perimeter(172)	101.456	97.5563	91.3137	96.8701	90.7279	82.0416	84.4853
perimeter(173)	98.0416	91.3137	91.8995	85.5563	80.4853	88.8701	85.0711
perimeter(174)	103.698	96.9706	85.0711	95.799	90.1421	79.799	85.0711
perimeter(175)	94.0416	92.9706	95.8995	86.7279	80.4853	84.3848	81.6569
perimeter(176)	103.113	95.2132	91.3137	91.8995	87.8995	82.1421	88.4853
perimeter(177)	101.456	102.627	95.8995	87.8995	78.2426	83.3137	81.0711
perimeter(178)	92.3848	99.2132	91.8995	85.6569	85.0711	83.3137	87.8995
perimeter(179)	96.9706	94.6274	91.8995	84.4853	77.6569		83.3137
perimeter(180)	93.5563	102.627	91.8995	89.0711	85.0711		90.7279
perimeter(181)	91.2132	94.6274	88.4853	84.4853	84.4853		90.1421
perimeter(182)	96.8701	98.0416	92.4853	85.6569	83.8995		91.799
perimeter(183)	94.0416	104.284	85.0711	85.0711	76.4853		90.1421
perimeter(184)	92.3848	91.799	94.7279	91.3137	84.9706		85.5563
perimeter(185)	94.0416	101.456	94.1421	96.3848	68.4853		90.7279
perimeter(186)	96.3848	102.627	99.799	94.6274	70.7279		83.3137
perimeter(187)	94.6274	94.6274	94.6274	92.3848	78.1421		90.7279
perimeter(188)	93.5563	99.799	104.284	92.3848	78.7279		85.5563

perimeter(189)	89.5563	98.6274	91.2132	88.3848	86.7279		92.3848
perimeter(190)	93.5563	98.6274	98.6274	88.3848	78.7279		88.3848
perimeter(191)	84.4853	102.042	95.2132	97.4558	76.9706	83.3137	92.3848
perimeter(192)	94.7279	98.0416	102.042	95.2132	82.7279	81.5563	87.799
perimeter(193)	87.3137	98.6274	98.6274	95.2132	87.3137	82.1421	96.2843
perimeter(194)	96.9706	105.456	102.042	91.799	91.3137	74.7279	86.0416
perimeter(195)	92.3848	95.2132	100.87	98.0416	91.3137	75.799	96.2843
perimeter(196)	95.799	99.2132	96.8701	100.284	84.4853	79.799	99.6985
perimeter(197)	91.799	99.2132	100.87	96.8701	91.8995	73.5563	88.8701
perimeter(198)	100.87	95.2132	94.6274	97.4558	78.2426	76.3848	95.6985
perimeter(199)	100.284	96.9706	101.456	95.2132	89.0711	80.9706	91.6985
perimeter(200)	95.2132	100.971	97.4558	99.799	83.8995	83.799	96.2843
perimeter(201)	105.456	86.1421	102.042	95.799	87.8995	75.3137	88.8701
perimeter(202)	91.799	96.3848	94.0416	90.1421	88.4853	84.9706	96.2843
perimeter(203)	97.5563	96.9706	98.0416	93.5563	83.8995	78.1421	89.4558
perimeter(204)	86.1421	91.799	95.799	84.4853	91.8995	84.3848	95.6985
perimeter(205)	96.9706	99.2132	95.2132	91.8995	87.3137	81.5563	85.4558
perimeter(206)	93.5563	100.385	92.9706	87.3137	87.8995	82.1421	105.355
perimeter(207)	99.2132	95.2132	96.9706	94.7279	88.4853	81.5563	85.4558
perimeter(208)	95.2132	97.5563	87.3137	83.8995	84.4853	80.3848	105.355
perimeter(209)	95.2132	93.5563	90.7279	94.1421	87.8995	81.5563	99.6985
perimeter(210)	90.6274	93.5563	91.8995	98.0416	87.3137	80.9706	96.8701
perimeter(211)	94.6274	95.3137	84.4853	91.2132	88.4853	85.5563	99.1127
perimeter(212)	101.456	87.3137	88.4853	89.5563	88.4853	80.9706	89.4558
perimeter(213)	94.0416	94.7279	87.8995	92.9706	85.0711	82.1421	93.4558
perimeter(214)	101.456	95.8995	86.7279	77.5563	85.0711	79.3137	96.2843
perimeter(215)	95.799	87.3137	94.1421	80.3848	84.4853	84.3848	92.8701
perimeter(216)	90.7279	95.3137	92.3848	81.5563	85.6569	78.7279	101.941
perimeter(217)	94.1421	91.3137	91.799	85.5563	90.7279	75.3137	88.8701
perimeter(218)	90.7279	94.1421	95.2132	95.799	87.8995	82.1421	96.2843
perimeter(219)	95.3137	94.7279	97.4558	94.1421	87.8995	81.5563	92.2843
perimeter(220)	87.3137	91.3137	94.6274	97.5563	81.0711	75.8995	103.113
perimeter(221)	88.4853	91.3137	98.6274	90.7279	81.6569	77.0711	96.8701
perimeter(222)	92.4853	92.4853	91.799	94.1421	84.4853	79.8995	103.698
perimeter(223)	96.9706	91.3137	95.2132	94.7279	87.8995	78.1421	100.284
perimeter(224)	87.8995	90.7279	98.6274	88.4853	86.7279	81.5563	107.113
perimeter(225)	93.5563	94.7279	97.4558	90.1421	87.3137	87.2132	90.6274
perimeter(226)	88.9706	88.4853	97.4558	96.3848	83.8995	79.799	94.6274
perimeter(227)	96.3848	90.7279	100.284	95.799	90.1421	83.799	98.6274
perimeter(228)	101.456	92.4853	95.6985	95.799	86.1421	86.6274	88.9706
perimeter(229)	101.456	94.7279	102.527	95.799	87.3137	82.6274	89.5563
perimeter(230)	101.456	87.8995	99.1127	102.627	86.7279	86.6274	86.1421
perimeter(231)	95.2132	93.0711	89.4558	95.2132	84.4853	82.6274	90.1421
perimeter(232)	87.799	95.8995	103.113	99.2132	86.1421	82.0416	84.4853
perimeter(233)	86.6274	90.1421	99.6985	95.2132	90.1421	86.6274	94.1421
perimeter(234)	95.2132	91.3137	92.8701	97.4558	88.9706	83.2132	83.3137
perimeter(235)	95.2132	83.8995	100.284	94.6274	95.2132	82.0416	88.4853
perimeter(236)	95.799	95.799	96.8701	93.4558	91.799	86.0416	86.7279
perimeter(237)	98.0416	95.799	94.0416	99.1127	92.3848	72.3848	87.8995
perimeter(238)	95.2132	101.456	97.4558		85.5563	89.4558	84.4853

perimeter(239)	97.4558	88.9706	93.4558		89.5563	86.6274	87.8995
perimeter(240)	100.87	74.7279	94.6274		83.3137	87.2132	91.3137
perimeter(241)	96.8701	80.3848	98.6274	100.284	84.4853	88.3848	86.1421
perimeter(242)	97.4558	89.5563	92.9706	97.4558	83.8995	88.9706	95.2132
perimeter(243)	96.8701		87.8995	97.4558		75.3137	94.0416
perimeter(244)	98.0416		92.4853	101.456		78.7279	94.6274
perimeter(245)	98.0416		81.0711	92.3848		72.4853	91.799
perimeter(246)	89.5563		91.8995	86.0416		73.6569	97.4558
perimeter(247)	94.7279		90.7279	83.799		78.7279	96.8701
perimeter(248)	90.1421		91.8995	84.9706		72.4853	102.527
perimeter(249)	94.7279		94.7279	88.9706		75.8995	96.8701
perimeter(250)	87.3137		91.3137	92.3848		69.6569	99.6985
perimeter(251)	93.5563		92.4853	92.9706		73.6569	92.8701
perimeter(252)	88.3848		94.7279	91.2132		79.3137	100.87
perimeter(253)	95.2132		87.8995	92.3848		79.3137	91.2132
perimeter(254)	101.456		95.8995	92.3848		81.5563	97.4558
perimeter(255)	95.799		89.0711	92.9706		81.5563	98.0416
perimeter(256)	95.799		94.7279	92.9706		80.3848	94.6274
perimeter(257)	96.3848	95.799	100.971	89.5563	89.5563	87.2132	92.9706
perimeter(258)	95.799	96.8701	90.1421	84.4853	95.799	82.0416	87.799
perimeter(259)	94.6274	100.87	97.5563	87.8995	91.799	83.799	92.3848
perimeter(260)	98.6274	97.4558	96.9706	88.4853	95.799	82.0416	101.456
perimeter(261)	100.284	94.6274	98.6274	87.8995	91.2132	88.8701	102.627
perimeter(262)	95.2132	98.0416	102.042	87.3137	98.0416	83.2132	102.627
perimeter(263)	97.4558	97.4558	104.87	87.8995	90.6274	79.799	99.2132
perimeter(264)	97.4558	95.2132	96.2843	84.4853	97.4558	82.6274	98.6274
perimeter(265)	96.8701	100.87	100.87	90.1421	90.0416	79.2132	104.87
perimeter(266)	100.87	95.2132	100.284	92.3848	96.8701	82.6274	91.2132
perimeter(267)	92.8701	92.9706	98.0416	95.2132	90.6274	88.8701	98.6274
perimeter(268)	96.8701	96.9706	102.042	94.0416	90.6274	86.6274	100.87
perimeter(269)	92.8701	99.2132	96.9706	95.2132	93.4558	86.6274	94.6274
perimeter(270)	98.0416	93.5563	100.971	91.799	96.8701	87.2132	98.6274
perimeter(271)	91.799	95.799	96.9706	95.799	92.8701	77.5563	94.6274
perimeter(272)	98.0416	96.3848	99.799	96.8701	96.2843	84.9706	98.6274
perimeter(273)	95.799	99.799	98.6274	94.0416	88.8701	81.5563	98.0416
perimeter(274)	92.9706	95.799	102.042	90.0416	96.2843	84.3848	85.5563
perimeter(275)	93.5563	91.799	100.87	96.8701	90.0416	75.799	78.1421
perimeter(276)	95.2132	101.456	96.8701	92.8701	96.2843	86.6274	91.2132
perimeter(277)	99.799	104.284	104.284	99.6985	92.8701	85.4558	83.2132
perimeter(278)	101.456	98.0416	98.0416	92.8701	96.2843	84.8701	83.799
perimeter(279)	104.042	100.284	94.0416	100.284	92.2843	85.4558	91.799
perimeter(280)	92.3848	103.698	80.3848	92.2843	99.1127	88.2843	92.9706
perimeter(281)	93.5563	100.87	80.3848	100.284	92.8701	82.6274	92.3848
perimeter(282)	87.3137	94.6274	84.9706	95.6985	95.6985	86.0416	90.0416
perimeter(283)	95.3137	98.6274	91.2132	88.8701	99.6985	82.0416	86.6274
perimeter(284)	91.3137	102.042	90.6274	96.8701	96.2843	82.6274	77.5563
perimeter(285)	90.7279	92.9706	97.4558	92.8701	99.6985	78.6274	84.9706
perimeter(286)	95.3137	96.3848	91.2132	94.6274	93.4558	85.4558	88.3848
perimeter(287)	90.1421	103.213	96.2843	88.3848	99.1127	86.0416	88.9706
perimeter(288)	98.1421	102.042	99.6985	95.2132	92.8701	82.0416	92.3848

perimeter(289)	84.4853	95.799	99.1127	94.6274	99.6985	86.6274	89.5563
perimeter(290)	95.8995	100.385	99.1127	94.0416	96.2843	83.2132	87.3137
perimeter(291)	89.0711	103.213	100.87	96.8701	96.2843	81.5563	87.8995
perimeter(292)	85.6569	93.5563	95.6985	96.8701	99.6985	85.5563	87.3137
perimeter(293)	91.8995	100.971	99.6985	94.6274	92.2843	84.3848	87.8995
perimeter(294)	86.7279	97.5563	96.2843	92.3848	96.2843	83.3137	85.0711
perimeter(295)	94.1421	93.5563	99.6985	89.5563	95.6985	83.8995	87.8995
perimeter(296)	93.5563	100.971	99.6985	90.7279	95.6985	83.3137	91.3137
perimeter(297)	92.3848	103.213	103.113	87.3137	92.8701	83.3137	83.8995
perimeter(298)	98.0416	93.5563	107.698	94.7279	100.284	85.5563	87.8995
perimeter(299)	96.8701	103.799	94.6274	90.1421	94.0416	88.9706	86.7279
perimeter(300)	100.284	98.1421	100.87	89.5563	98.0416	82.1421	91.8995
perimeter(301)	92.8701	96.9706	101.456	90.1421	90.6274	85.5563	84.4853
perimeter(302)	99.6985	100.385	96.3848	87.799	93.4558	75.8995	93.5563
perimeter(303)	93.4558	103.799	94.6274	98.0416	93.4558	84.9706	90.1421
perimeter(304)	99.6985	96.9706	80.3848	87.799	98.0416	78.7279	93.5563
perimeter(305)	102.527	92.9706	88.3848	97.4558	80.9706	83.3137	90.7279
perimeter(306)	96.2843	100.385	89.5563	92.8701	80.9706	78.7279	85.5563
perimeter(307)	103.113	96.9706	92.9706	96.2843	94.0416	82.7279	89.5563
perimeter(308)	104.284	99.2132	92.9706	94.0416	94.0416	79.3137	96.3848
perimeter(309)	90.0416	100.385	92.3848	100.284	81.5563	83.3137	98.6274
perimeter(310)	99.6985	103.799	94.1421	92.8701	76.9706	78.1421	98.6274
perimeter(311)	103.113	95.799	96.9706	93.4558	76.9706	82.7279	92.8701
perimeter(312)	94.0416	103.213	90.7279	90.0416	87.2132	78.7279	86.0416
perimeter(313)	95.6985	99.799	90.7279	93.4558	86.6274	77.0711	91.2132
perimeter(314)	96.2843	89.5563	90.7279	89.4558	76.3848	76.4853	98.0416
perimeter(315)	100.284	99.799	93.5563	92.8701	63.8995	75.8995	101.456
perimeter(316)	92.8701	99.799	96.9706	92.2843	63.3137	75.8995	97.4558
perimeter(317)	100.87	92.9706	87.8995	91.6985	72.3848	75.8995	84.3848
perimeter(318)	96.8701	103.213	91.8995	92.8701	83.2132	76.4853	85.5563
perimeter(319)	100.284	99.799	90.7279	90.0416	84.3848	75.8995	94.6274
perimeter(320)	99.6985	99.799	91.8995	90.0416	87.799	73.6569	98.6274
perimeter(321)	97.4558	103.213	91.8995	87.799	87.799	82.1421	98.6274
perimeter(322)	100.284	102.627	87.8995	92.8701	82.1421	75.3137	97.4558
perimeter(323)	96.8701	96.3848	91.8995	91.799	88.3848	76.4853	96.8701
perimeter(324)	103.698	103.213	87.8995	84.4853	84.9706	79.3137	103.698
perimeter(325)	89.4558	99.2132	91.3137	82.2426	88.9706	73.6569	99.6985
perimeter(326)	97.4558	98.6274	94.1421	84.4853	88.3848	75.8995	99.6985
perimeter(327)	93.4558	104.87	91.8995	87.8995	90.6274	79.3137	87.2132
perimeter(328)	98.6274	101.456	91.8995	84.4853	87.799	78.1421	90.6274
perimeter(329)	99.2132	97.4558	87.8995	91.3137	88.3848	75.8995	97.4558
perimeter(330)	95.2132	108.284	88.4853	88.9706	88.3848	78.7279	95.2132
perimeter(331)	91.799	100.87	92.4853	92.9706	88.9706	79.3137	88.9706
perimeter(332)	98.0416	100.87	94.1421	85.5563	91.799	77.5563	88.3848
perimeter(333)	98.6274	104.87	97.5563	96.3848	88.3848	75.3137	77.0711
perimeter(334)	88.3848	97.4558	97.5563	91.799	92.3848	78.7279	66.7279
perimeter(335)	84.9706	104.284	93.5563	95.2132	94.0416	73.0711	86.6274
perimeter(336)	79.799	107.698	100.971	94.0416	90.6274	79.3137	87.2132
perimeter(337)	76.9706	100.87	93.5563	94.6274	90.6274	79.3137	87.799
perimeter(338)	81.5563	100.284	97.5563	89.4558	96.2843	78.1421	95.2132

perimeter(339)	87.799	104.284	99.2132	95.2132	90.6274	82.1421	98.0416
perimeter(340)	90.6274	104.284	101.456	89.5563	96.2843	81.5563	101.456
perimeter(341)	95.6985	103.698	104.284	91.3137	92.8701	75.8995	94.6274
perimeter(342)	88.3848	95.2132	94.0416	90.1421	96.8701	75.8995	99.2132
perimeter(343)	91.799	102.042	99.6985	96.3848	94.0416	74.7279	98.6274
perimeter(344)	92.3848	104.87	97.4558	87.3137	92.8701	77.0711	92.3848
perimeter(345)	88.9706	103.698	97.4558	89.5563	98.0416	75.8995	86.7279
perimeter(346)	90.1421	100.284	103.698	91.3137	93.4558	78.7279	90.7279
perimeter(347)	86.7279	103.698	107.698	86.7279	99.6985	82.7279	90.7279
perimeter(348)	96.9706	103.113	108.284	91.3137	93.4558	78.1421	90.7279
perimeter(349)	99.2132	103.113	97.4558	83.8995	93.4558	78.7279	87.8995
perimeter(350)	93.5563	106.527	96.8701	87.8995	94.0416	77.0711	91.3137
perimeter(351)	96.9706	102.527	96.8701	90.7279	88.3848	81.5563	85.0711
perimeter(352)	99.2132	107.113	87.2132	87.8995	92.9706	80.9706	89.0711
perimeter(353)	92.3848	99.6985	88.3848	90.7279	92.9706	81.5563	90.1421
perimeter(354)	98.0416	103.113	88.3848	84.4853	89.5563	83.799	87.8995
perimeter(355)	97.4558	103.113	87.799	93.5563	87.3137	79.799	85.0711
perimeter(356)	97.4558	103.113	90.6274	91.799	91.3137	80.3848	87.3137
perimeter(357)	90.6274	104.284	90.6274	98.0416	87.3137	76.3848	90.1421
perimeter(358)	92.3848	100.87	94.6274	90.6274	90.1421	72.3848	90.7279
perimeter(359)	94.1421	104.284	92.3848	99.6985	86.7279	76.9706	92.3848
spine_length(0)	36.5014	42.2414	38.1118	37.5257	33.1047	31.6361	36.7954
spine_length(1)	39.841	37.624	39.3049	39.5694	33.6764	30.272	36.78
spine_length(2)	37.2435	41.0404	37.7491	38.3431	35.7383	31.2738	37.4543
spine_length(3)	39.5086	36.2711	39.5364	39.9793	34.9155	31.1669	36.2636
spine_length(4)	41.8368	39.3176	38.2358	39.8507	35.7065	30.895	38.5915
spine_length(5)	38.7704	38.9316	36.6436	37.6136	36.0062	31.5697	35.8503
spine_length(6)	41.9104	38.6343	39.2143	39.8176	33.871	34.6602	38.6634
spine_length(7)	39.1751	39.5415	39.0336	37.2062	35.9514	33.2388	37.7357
spine_length(8)	40.3281	39.6418	36.4266	40.9814	33.7599	34.06	37.074
spine_length(9)	40.2414	39.8932	38.3861	36.8829	36.0149	32.3429	37.3752
spine_length(10)	39.4784	37.5597	36.8985	39.3324	34.799	33.033	35.4328
spine_length(11)	40.407	40.0027	36.8686	35.6404	37.2915	31.4042	35.847
spine_length(12)	39.6229	37.8894	39.6035	39.6755	34.4821	32.285	39.3165
spine_length(13)	39.7597	41.0876	34.5825	40.0179	37.1504	31.4653	36.1901
spine_length(14)	40.622	36.2159	42.5037	38.993	37.9649	32.0936	36.6979
spine_length(15)	41.3728	40.5135	40.9802	40.3874	38.0879	31.4208	38.9033
spine_length(16)	37.1946	38.296	42.3063	39.993	33.5573	31.7832	37.1333
spine_length(17)	35.8962	38.6843	39.5872	41.8321	36.0649	30.1575	36.5971
spine_length(18)	37.8643	39.8464	38.7587	34.6496	38.3012	33.3681	38.9185
spine_length(19)	35.6075	39.5243	39.8794	37.2033	35.6938	31.6972	38.3033
spine_length(20)	36.2131	40.4435	40.5785	37.4374	37.1494	34.7748	35.2274
spine_length(21)	36.3414	36.8934	39.118	41.1435	35.7994	32.7786	37.4066
spine_length(22)	38.7246	42.0334	41.1812	39.9998	34.5478	32.1968	37.1394
spine_length(23)	36.3293	40.7384	38.0454	37.1424	36.6147	33.395	35.9482
spine_length(24)	36.0989	40.5822	38.6862	41.0543	34.8733	36.0333	38.4864
spine_length(25)	38.2286	42.4923	41.8156	37.0119	37.0073	31.8007	35.9257
spine_length(26)	36.7563	41.8795	38.9806	39.3437	34.8323	27.563	38.5984
spine_length(27)	36.7563	41.8795	38.9806	39.3437	34.8323	27.563	38.5984
spine_length(28)	41.0674	41.1173	40.4973	38.5786	35.0818	28.0951	36.5323

spine_length(29)	40.8481	40.9715	40.0807	38.8303	36.0114	25.7301	38.5757
spine_length(30)	38.7764	41.3098	40.1308	38.5633	34.4571	26.3308	38.2386
spine_length(31)	38.3358	37.1413	36.8514	38.3745	37.9516	29.4266	37.6018
spine_length(32)	39.9173	40.7871	41.1708	38.1412	36.9341	29.5596	37.916
spine_length(33)	39.2003	41.338	39.3371	37.3918	36.1287	30.805	38.3764
spine_length(34)	40.224	40.0433	40.0369	39.3433	35.9317	30.7816	35.0453
spine_length(35)	36.534	39.1288	37.3479	40.0192	33.596	32.3285	34.2786
spine_length(36)	40.1814	39.3267	40.3432	38.6476	30.4226	33.0021	29.5733
spine_length(37)	39.6989	41.591	40.6821	39.1155	34.5118	32.1551	33.0575
spine_length(38)	37.1836	43.6024	39.3855	37.2587	35.6974	32.272	37.1193
spine_length(39)	39.4523	43.4615	41.9234	39.8476	36.6587	31.1354	34.048
spine_length(40)	40.2475	44.3505	40.4812	36.8772	33.38	32.5759	34.4079
spine_length(41)	38.7237	39.9655	39.6059	39.6247	37.6839	32.7411	28.8771
spine_length(42)	40.9547	39.0372	40.8651	39.1986	34.5713	32.2489	30.0382
spine_length(43)	39.6194	43.0346	37.2166	42.0294	37.9624	32.5798	33.7127
spine_length(44)	40.1501	37.2036	39.6188	39.3192	36.3318	35.2143	35.345
spine_length(45)	39.6052	34.706	38.7251	39.8012	36.6026	30.563	36.042
spine_length(46)	39.242	39.2192	39.4984	38.8591	34.4722	32.7982	35.9046
spine_length(47)	39.8342	41.8348	36.5896	39.0175	36.8352	33.7513	24.9023
spine_length(48)	39.0842	41.7969	42.5035	39.8657	34.082	34.0035	22.7813
spine_length(49)	42.7	39.3814	38.141	39.9018	38.3173	32.6011	30.0627
spine_length(50)	38.7646	43.6672	38.8347	36.9281	34.3378	34.1574	29.994
spine_length(51)	37.8927	38.5226	38.1856	39.4187	35.7393	33.9305	31.0395
spine_length(52)	39.5556	39.4638	37.6792	39.5862	35.0883	33.5222	30.8528
spine_length(53)	40.3965	38.7722	41.3702	38.9092	35.4773	32.0665	32.3806
spine_length(54)	36.7184	39.4749	36.5458	36.9219	38.0051	32.6258	26.9615
spine_length(55)	40.7432	40.1397	38.1561	38.5317	33.9879	33.8492	29.7257
spine_length(56)	35.4721	39.7206	38.5965	38.2615	38.9283	35.9779	31.0989
spine_length(57)	39.8037	38.5688	38.8557	41.4663	34.6901	32.6382	32.6699
spine_length(58)	36.1058	39.789	38.1027	38.7867	38.1436	33.022	36.9677
spine_length(59)	39.4922	40.6971	39.0895	40.1041	34.766	32.5073	37.8892
spine_length(60)	34.3502	41.0557	35.1521	37.499	37.811	31.8703	37.2178
spine_length(61)	40.0001	41.6587	40.9568	40.1806	34.9239	34.5934	37.1435
spine_length(62)	39.0731	39.6496	37.9242	37.9528	38.3534	34.9781	37.2067
spine_length(63)	37.4956	38.6587	40.387	40.6981	34.6005	33.8975	38.3408
spine_length(64)	38.6838	40.0286	38.4906	37.3858	35.7692	32.3723	34.3744
spine_length(65)	37.0768	40.4705	40.0948	40.9989	29.7533	34.4375	39.4801
spine_length(66)	38.8475	41.5876	39.8082	35.0674	30.2968	34.2491	34.3523
spine_length(67)	37.7447	38.7207	35.6911	40.895	32.0132	34.097	36.1731
spine_length(68)	39.4251	40.1836	41.6271	37.5866	33.9866	34.8162	36.8968
spine_length(69)	36.0263	39.8671	39.1117	38.339	36.641	34.1746	36.1263
spine_length(70)	40.0724	37.2634	38.0656	39.802	32.2584	33.5228	38.7627
spine_length(71)	34.8049	39.0772	39.6258	39.567	26.8621	35.3233	35.615
spine_length(72)	39.2743	39.7255	38.7268	39.3554	26.7485	33.733	36.3234
spine_length(73)	34.5237	35.2389	40.3154	37.309	32.6517	33.0307	36.5645
spine_length(74)	37.3146	36.0848	38.4679	40.1892	35.3973	34.025	37.4107
spine_length(75)	35.6822	42.1506	41.3056	37.0439	35.3015	34.3364	34.845
spine_length(76)	37.8385	35.9548	40.2705	39.2737	37.846	32.8795	38.1463
spine_length(77)	38.6567	36.9901	36.9128	37.7419	34.8432	33.087	36.5142
spine_length(78)	39.047	39.7091	39.3662	37.188	35.9574	31.4267	38.395

spine_length(79)	39.5443	39.9023	37.9468	40.5442	36.6682	37.2419	37.855
spine_length(80)	37.8918	40.4344	37.5454	36.6169	35.6611	32.8088	38.4616
spine_length(81)	40.1924	36.952	39.528	41.0463	35.888	34.3715	38.2719
spine_length(82)	36.5443	35.3772	39.8441	40.5466	37.3071	33.7492	38.8515
spine_length(83)	38.9013	37.9509	37.7016	40.0058	36.6941	34.779	36.629
spine_length(84)	39.031	37.3814	40.5694	38.1397	38.7099	32.2621	35.9043
spine_length(85)	38.63	38.3887	39.9491	40.9073	40.5721	34.2481	37.7355
spine_length(86)	37.6694	36.6118	40.7681	41.1834	36.5421	32.9653	38.0332
spine_length(87)	40.5097	35.1166	43.0239	37.9289	38.3195	33.753	37.6107
spine_length(88)	35.5128	37.6731	37.3666	41.0553	36.9124	32.4129	37.4592
spine_length(89)	37.8242	37.0483	37.9655	39.7707	36.8276	35.1253	33.5682
spine_length(90)	34.435	36.2178	40.5746	40.3153	35.8978	32.3665	34.5986
spine_length(91)	39.0137	37.1472	39.343	37.8005	37.2063	35.3051	31.3864
spine_length(92)	39.5509	37.6379	41.4334	36.7589	37.731	33.6653	34.9326
spine_length(93)	37.2798	37.8056	42.1124	39.414	37.0016	33.2116	36.541
spine_length(94)	38.9007	38.2041	38.5294	37.3717	35.9252	34.0796	35.7306
spine_length(95)	40.5839	35.9919	41.8691	40.3957			36.9646
spine_length(96)	35.0057	40.0901	40.5107	35.7293			30.0025
spine_length(97)	36.6129	39.7536	36.6416	39.7681			30.4876
spine_length(98)	39.7308	39.0071	41.8535	35.6099			32.5839
spine_length(99)	36.5447	39.6453	42.2863	39.1483			23.4497
spine_length(100)	32.6308	42.0071	38.3558	36.7924			30.2809
spine_length(101)	33.3347	37.9894	41.0094	38.7166			35.4571
spine_length(102)	28.7841	41.5476	42.0438	36.956			36.909
spine_length(103)	34.3988	41.5833	40.262	39.8888	36.2092	31.0334	37.1687
spine_length(104)	35.8173	40.7754	42.4237	39.1512	38.7784	34.3145	31.9587
spine_length(105)	33.1557	43.241	41.7601	40.8137	37.6147	33.134	27.7069
spine_length(106)	33.468	43.4513	40.2199	36.8659	39.5191	31.3965	32.7919
spine_length(107)	33.7151	38.6973	41.8871	39.8766	36.9424	32.5709	34.8109
spine_length(108)	35.7026	38.0287	40.1865	40.4602	39.4194	32.7793	36.9907
spine_length(109)	37.2334	41.873	41.2688	37.6046	37.9234	33.7113	36.8443
spine_length(110)	37.1374	41.2149	38.9759	40.315	39.2494	31.432	35.614
spine_length(111)	39.572	38.5272	39.2614	36.7987	38.8218	30.8995	37.0333
spine_length(112)	40.6356	41.3739	41.825	39.1697	39.8581	34.2299	36.1594
spine_length(113)	39.3907	39.6848	42.3841	39.4499	35.2687	34.2367	34.884
spine_length(114)	37.7324	38.6006	39.9164	39.3663	38.2097	32.7693	37.1352
spine_length(115)	39.8714	41.7242	39.9695	37.528	35.4348	35.5482	34.8035
spine_length(116)	37.2839	41.8553	42.1602	37.8173	40.3643	34.748	38.8494
spine_length(117)	39.872	39.567	41.7712	39.1283	36.206	34.4591	39.4342
spine_length(118)	39.9086	40.0988	40.9378	34.9705	37.8709	34.5063	36.6762
spine_length(119)	38.289	38.8857	38.7134	38.0901	36.223	33.9629	36.6958
spine_length(120)	36.4576	37.2397	44.2603	36.6743	38.8419	33.7468	37.8951
spine_length(121)	40.7782	33.5573	40.0521	38.8764	37.5417	32.3097	37.2763
spine_length(122)	36.9578	28.3547	39.7298	37.3205	37.8217	34.4599	37.2656
spine_length(123)	38.1375	35.298	41.1476	34.5414	39.1967	33.2982	33.7742
spine_length(124)	38.4135	36.2857	40.0413	39.3142	35.6515	34.1358	30.8217
spine_length(125)	39.2577	37.0921	39.4577	36.4411	37.1782	34.8848	33.1219
spine_length(126)	36.8435	37.2973	40.4782	39.0713	35.0971	32.6989	37.5949
spine_length(127)	39.859	36.6489	38.9689	36.6743	39.5545	33.792	35.2597
spine_length(128)	37.3907	39.6266	42.6103	39.1207	36.4708	31.5889	36.5211

spine_length(129)	38.0124	39.8481	41.0608	34.6712	38.5001	25.9242	23.4006
spine_length(130)	40.4197	38.4188	37.4674	39.4068	36.3364	25.6112	34.4923
spine_length(131)	37.4699	39.4187	42.0521	38.4962	39.1626	29.3951	33.9345
spine_length(132)	37.5241	38.0155	40.2091	40.3426	34.0501	30.8578	36.4921
spine_length(133)	39.7782	40.3374	40.3589	34.8018	38.8357	30.9011	35.1341
spine_length(134)	35.7499	39.7532	40.2613	38.0923	38.2065	30.9371	36.6559
spine_length(135)	40.3656	38.9198	38.7186	37.2344	37.4282	31.6343	36.2431
spine_length(136)	37.804	40.3847	39.1999	40.3333	37.2569	31.6418	35.1041
spine_length(137)	38.5641	41.3131	39.5937	38.816	37.2995	30.3229	34.2078
spine_length(138)	40.2333	36.8161	38.4837	40.3226	37.4573	30.9393	36.6024
spine_length(139)	38.6022	41.4553	42.5061	36.6088	36.3192	31.1811	34.9261
spine_length(140)	40.4054	39.2459	39.2764	40.8252	37.8997	31.8472	38.3026
spine_length(141)	35.0427	38.8629	41.0089	36.9695	35.8832	31.5083	34.7934
spine_length(142)	40.4785	40.8853	42.4385	42.1404	36.6668	33.1067	37.3587
spine_length(143)	41.0746	38.1546	41.2886	37.6895	37.0053	31.7783	33.236
spine_length(144)	37.5834	39.3157	42.6961	40.987	36.4581	33.968	40.7461
spine_length(145)	40.1561	37.4502	41.7505	35.5743	35.814	33.3588	35.8764
spine_length(146)	38.2231	36.3939	41.1289	41.5219	36.9427	33.1581	34.1408
spine_length(147)	39.1199	37.4574	42.1391	39.3908	34.7432	31.615	32.3575
spine_length(148)	37.0407	41.4919	43.9598	41.5699	35.1093	33.6073	33.2958
spine_length(149)	37.7435	35.469	39.2831	36.1138	35.864	33.1072	35.9333
spine_length(150)	37.7274	41.6736	41.6442	39.929	36.3482	34.0459	36.923
spine_length(151)	40.4872	41.6979	38.7806	37.1886	35.805	36.2159	37.5234
spine_length(152)	41.4169	38.7223	39.6714	39.0153	34.8866	32.0638	37.4235
spine_length(153)	37.3194	37.7779	41.7277	34.6238	38.8449	34.5243	36.7724
spine_length(154)	41.6421	42.7422	40.96	39.6396	35.0433	31.7355	37.4757
spine_length(155)	36.4694	40.6773	41.0985	36.6761	37.1476	33.4728	36.645
spine_length(156)	39.9818	37.1092	37.4338	38.4214	35.4085	30.6396	38.546
spine_length(157)	36.6538	42.4048	42.0102	38.982	36.5163	32.2981	38.3931
spine_length(158)	42.1158	42.9248	40.0817	38.7533	36.1083	34.0614	36.9941
spine_length(159)	38.1044	43.5463	42.0127	37.2934	36.5557	31.0093	36.7067
spine_length(160)	41.1178	39.7773	39.988	36.9929	35.7717	36.0117	37.3573
spine_length(161)	41.638	43.0884	38.4971	37.8633	37.9961	32.1481	40.1289
spine_length(162)	39.0987	42.5352	42.492	35.9204	36.4182	33.0989	36.2348
spine_length(163)	40.813	40.7024	39.0672	37.4969	36.4075	34.9406	38.0861
spine_length(164)	38.8349	42.1217	42.0076	36.8336	36.9328	31.0504	36.911
spine_length(165)	40.6633	40.9782	40.8009	37.1319	37.5072	33.5966	39.3171
spine_length(166)	35.4193	39.7712	42.8126	39.4862	35.7708	33.9275	37.1181
spine_length(167)	39.2489	40.3557	39.6984	36.5435	38.0763	32.3036	39.4743
spine_length(168)	41.5203	41.5102	42.9888	36.6421	35.5982	33.9099	36.1929
spine_length(169)	37.1789	37.099	40.0688	36.9062	36.759	33.1599	38.1776
spine_length(170)	41.1094	38.2341	39.8029	40.4828	36.9264	33.0676	34.1905
spine_length(171)	36.2061	41.5559	40.0039	36.5514	34.8529	34.1576	38.9226
spine_length(172)	40.2743	41.5948	39.5069	39.5776	39.7801	31.1187	38.1327
spine_length(173)	39.7192	38.0778	39.9166	34.5065	34.7103	35.3538	38.3615
spine_length(174)	42.3757	41.2438	36.4723	39.524	38.1626	29.8737	36.9705
spine_length(175)	38.9782	38.6036	41.5063	37.1069	34.9134	34.2435	36.6585
spine_length(176)	40.42	39.2297	40.1998	40.2419	38.5518	33.5111	39.7935
spine_length(177)	40.8255	42.3615	42.3565	38.0938	34.4085	33.6885	34.1953
spine_length(178)	37.7577	41.924	40.636	38.1396	38.3392	36.1356	37.2447

spine_length(179)	39.7707	38.1336	40.1525	37.2357	34.1518		35.7579
spine_length(180)	38.6678	41.6952	40.5599	40.2974	36.9689		38.6938
spine_length(181)	36.0129	38.3284	37.913	36.8226	36.4022		38.6603
spine_length(182)	38.2226	39.73	40.4998	38.3995	36.402		33.1974
spine_length(183)	38.8167	41.0832	36.6726	36.7614	31.8175		38.3033
spine_length(184)	37.7139	36.4253	40.9173	40.6257	33.3344		33.7115
spine_length(185)	38.1705	41.0216	38.8933	39.9314	28.2133		38.9186
spine_length(186)	40.234	42.8601	41.4292	37.8917	27.4911		35.0603
spine_length(187)	37.0305	37.2242	37.2623	37.9564	31.3173		38.0846
spine_length(188)	39.6485	41.9087	40.6988	37.0871	32.8451		35.9841
spine_length(189)	37.1896	41.2089	37.0362	34.5291	37.0265		38.0153
spine_length(190)	39.8407	39.8384	40.9928	35.5237	33.5091		37.1643
spine_length(191)	37.0326	40.5991	38.9018	40.1293	30.5325	35.8273	37.7256
spine_length(192)	39.8011	40.7559	43.0791	36.9007	34.4204	32.2225	35.8584
spine_length(193)	36.312	39.3701	39.475	38.8855	36.9756	34.1413	37.6823
spine_length(194)	40.8229	42.0334	41.5113	36.6861	39.6203	30.0659	34.4221
spine_length(195)	37.7443	39.1287	41.6693	38.7911	40.3948	26.5166	38.1583
spine_length(196)	39.087	40.2608	40.1444	39.5142	36.3981	29.1643	41.221
spine_length(197)	37.0991	39.7093	39.7369	38.0067	40.414	28.4844	35.2981
spine_length(198)	40.9339	39.9351	38.0321	39.6464	34.6717	29.127	39.7176
spine_length(199)	40.8938	40.4179	40.4307	38.5457	38.2182	31.5991	36.2979
spine_length(200)	38.2726	43.4481	37.5169	40.3779	36.0314	32.1806	40.1174
spine_length(201)	41.3972	35.9073	42.4675	38.6901	38.9819	30.5334	37.004
spine_length(202)	36.6908	41.0821	37.1853	38.1853	38.5185	33.4116	39.5696
spine_length(203)	39.6598	41.0496	39.2966	39.7258	35.6627	31.4026	36.0875
spine_length(204)	35.3442	36.7912	39.724	36.7676	41.5238	32.6508	36.1678
spine_length(205)	40.5254	41.0562	37.8156	39.3125	36.5914	33.387	33.7458
spine_length(206)	37.2843	41.7852	39.4392	37.2827	38.4813	33.4697	40.1576
spine_length(207)	41.1226	38.8741	39.2001	40.1122	39.1302	33.5764	34.4287
spine_length(208)	39.0927	41.049	37.3378	35.109	36.4699	32.1972	39.8221
spine_length(209)	39.5541	39.4386	38.8223	39.0608	38.565	33.3446	37.8751
spine_length(210)	37.3712	40.0962	40.5881	39.6851	36.6097	33.5849	38.3557
spine_length(211)	38.9153	41.0568	36.6198	34.9891	38.699	35.2503	39.5985
spine_length(212)	42.2147	37.3932	39.8099	37.5704	38.7787	31.9919	36.7404
spine_length(213)	36.8688	41.8171	38.7502	39.482	36.2731	34.9615	37.9174
spine_length(214)	39.7393	42.3919	35.6467	28.0956	38.0616	32.889	40.2373
spine_length(215)	39.369	36.4831	40.879	32.6174	36.6482	33.072	38.4016
spine_length(216)	38.5539	42.3364	37.513	31.2582	38.2177	32.9268	39.3984
spine_length(217)	39.933	41.0154	37.5791	33.9721	37.5559	30.3168	36.6322
spine_length(218)	39.0529	39.7769	38.555	38.9239	37.3001	34.3924	39.0853
spine_length(219)	42.1734	40.9549	38.7491	38.662	39.543	33.2518	36.541
spine_length(220)	38.1042	40.0172	38.2704	42.1109	36.5032	32.9307	37.9493
spine_length(221)	39.9701	40.2363	40.2461	39.7216	36.5405	33.5446	34.0563
spine_length(222)	41.2762	41.362	38.0959	40.8342	36.6212	32.7815	39.9445
spine_length(223)	38.8808	38.7264	39.4348	41.0296	38.4758	32.0557	37.2144
spine_length(224)	38.1786	38.5665	39.7382	40.098	34.6108	33.48	40.0021
spine_length(225)	39.6851	40.8748	39.0392	36.8786	37.8112	34.3376	35.2394
spine_length(226)	36.2113	39.3251	38.4712	40.4305	35.4057	31.6638	39.3792
spine_length(227)	39.0622	38.1034	41.0686	40.1045	38.7626	33.1333	37.7515
spine_length(228)	40.7584	40.7593	36.8361	39.9141	35.2433	35.1683	35.7406

spine_length(229)	41.4957	40.8755	40.7648	39.5575	38.1358	32.2893	39.1175
spine_length(230)	37.4996	37.5899	38.1089	42.1698	37.3175	34.1131	34.9716
spine_length(231)	38.7572	41.7877	36.0068	38.4775	37.8617	32.7504	38.0374
spine_length(232)	32.8628	42.9319	40.1656	39.663	35.3191	31.8728	36.721
spine_length(233)	31.7295	37.3027	39.995	39.7944	38.0433	34.5193	39.848
spine_length(234)	36.6719	39.8001	36.8819	38.5142	37.2561	33.9058	34.5472
spine_length(235)	35.9532	35.8686	40.1699	38.3624	38.0088	32.0789	38.1346
spine_length(236)	39.0713	39.5025	38.5579	37.6547	37.4269	33.9069	35.2346
spine_length(237)	38.5897	37.4459	37.1217	39.82	38.7586	29.1829	37.8704
spine_length(238)	36.6061	41.3791	38.6337		35.8615	32.3209	36.8267
spine_length(239)	39.2471	36.2458	36.7083		37.5795	35.3182	37.3069
spine_length(240)	40.4081	29.6887	37.4942		35.3602	30.9457	39.2892
spine_length(241)	36.7565	28.829	40.7268	41.0893	36.4019	33.7254	36.7591
spine_length(242)	38.234	36.0949	37.8361	38.4348	35.351	34.3216	37.9403
spine_length(243)	38.6044		37.4398	39.448		31.3769	37.0151
spine_length(244)	40.6401		39.7786	39.6343		32.5495	38.9691
spine_length(245)	39.9933		34.7555	38.3641		30.3666	36.5435
spine_length(246)	36.073		40.1072	29.3671		32.149	40.0796
spine_length(247)	38.3537		39.1802	31.0483		32.7909	37.3649
spine_length(248)	37.8191		38.8477	34.4677		30.7775	39.5256
spine_length(249)	40.1569		41.0903	35.9525		32.8	39.9182
spine_length(250)	35.9865		38.8234	36.9964		29.0279	40.0841
spine_length(251)	39.3164		40.6426	38.0416		31.2813	37.9301
spine_length(252)	35.9596		40.7598	35.2034		33.1225	40.4752
spine_length(253)	40.3135		38.1264	36.6887		31.8677	36.7014
spine_length(254)	42.5872		41.5259	37.7894		33.6848	38.6799
spine_length(255)	40.4103		38.7924	37.6504		34.3259	36.9018
spine_length(256)	38.723		41.0846	36.5886		32.5164	38.6012
spine_length(257)	39.785	38.353	43.1832	35.963	36.7682	36.4939	37.9725
spine_length(258)	40.4975	38.4997	36.6713	34.9543	37.8727	30.747	34.8253
spine_length(259)	38.6385	41.3906	42.2557	36.5382	37.1209	33.8239	38.3552
spine_length(260)	40.9684	38.7015	40.5369	36.632	40.2039	31.2162	40.454
spine_length(261)	38.9224	38.3721	39.2958	36.6746	35.7739	35.469	40.8007
spine_length(262)	38.6172	40.1527	42.6894	37.3712	39.2801	32.9925	42.8992
spine_length(263)	40.7974	38.709	41.4062	38.3224	37.067	32.6843	40.5702
spine_length(264)	38.4611	39.136	37.6542	35.785	38.0087	33.3732	40.2689
spine_length(265)	37.1181	39.1866	41.6645	38.6993	36.4895	31.1387	43.4359
spine_length(266)	40.4715	37.6579	40.6325	38.1533	38.2128	33.4435	36.6985
spine_length(267)	37.8139	39.4376	40.4463	39.4886	35.7653	36.0254	38.8124
spine_length(268)	39.8019	38.8258	41.2354	36.9796	36.6469	35.2247	40.5976
spine_length(269)	37.1246	40.3898	40.3884	38.6834	37.6501	34.5541	38.7008
spine_length(270)	38.1628	39.1378	41.8637	38.7099	40.5984	36.2687	40.386
spine_length(271)	35.8858	39.01	40.4483	39.1745	34.3685	32.5595	38.9248
spine_length(272)	40.1437	40.2174	41.0936	37.8863	37.604	35.1656	38.3009
spine_length(273)	40.4406	40.5246	40.7726	38.2399	35.8456	34.0596	39.5901
spine_length(274)	38.9033	39.4347	42.4741	35.9364	38.9203	33.5474	33.645
spine_length(275)	38.8321	37.8271	39.7589	40.2733	36.4453	30.7442	30.5401
spine_length(276)	37.8039	40.3545	40.9235	34.6948	40.7854	35.9839	36.8423
spine_length(277)	39.7081	43.3566	43.1549	41.5722	38.1893	35.4895	31.873
spine_length(278)	38.4658	39.8572	39.166	37.9471	39.2868	32.317	33.7415

spine_length(279)	40.0071	39.6958	35.2466	40.311	37.0023	34.3628	37.4745
spine_length(280)	38.8776	40.9076	28.8733	35.8405	38.7036	35.9656	38.4077
spine_length(281)	39.9758	42.424	28.7889	41.095	33.8646	33.8966	36.211
spine_length(282)	37.2739	37.5784	33.0641	37.938	36.4797	35.7807	35.5928
spine_length(283)	40.219	41.7024	37.8311	36.0114	40.3368	33.6369	33.7462
spine_length(284)	38.714	40.3121	36.3406	39.3151	37.4174	34.2239	28.2392
spine_length(285)	37.6796	37.4681	37.6706	36.2213	39.2962	32.646	33.9356
spine_length(286)	40.3951	39.5313	37.6934	38.417	38.4347	35.2712	34.2265
spine_length(287)	36.5566	41.7672	38.9173	36.0599	40.6575	35.3971	36.1632
spine_length(288)	41.0799	41.948	40.2778	38.9655	37.2995	31.9893	38.4227
spine_length(289)	35.0598	38.8725	40.0516	38.4267	41.1325	34.3726	38.1085
spine_length(290)	40.1464	42.4485	41.0101	38.697	39.4987	33.8225	36.6674
spine_length(291)	40.0434	43.3119	38.9998	38.3295	40.4501	33.7474	37.8
spine_length(292)	38.3122	39.8877	38.1619	37.2284	40.9981	35.5526	36.9249
spine_length(293)	39.4979	41.9385	40.6309	38.0054	36.9107	32.4623	36.7293
spine_length(294)	35.5082	42.095	38.3623	37.8398	39.9623	35.9635	36.9046
spine_length(295)	40.7098	38.6263	41.4581	36.86	38.3512	35.867	36.5995
spine_length(296)	38.798	41.0563	38.9253	37.8568	38.5368	34.7785	38.5739
spine_length(297)	38.5075	41.2499	41.5615	36.4272	37.5601	35.5651	35.5562
spine_length(298)	39.342	38.9385	40.0292	38.3072	39.6338	36.1885	38.7558
spine_length(299)	38.3699	41.4103	37.7517	37.1657	38.3988	36.2732	36.3726
spine_length(300)	39.6005	41.881	40.8425	37.9695	39.3427	33.3769	39.0144
spine_length(301)	36.3142	40.1864	41.5729	36.5454	36.2161	34.9425	35.6413
spine_length(302)	39.3269	39.615	37.7318	34.4584	36.4246	31.256	40.0128
spine_length(303)	37.3351	42.9005	35.0346	38.032	37.679	34.8554	37.7376
spine_length(304)	38.6475	40.8177	30.1565	35.7326	41.1986	32.5663	38.6645
spine_length(305)	39.3023	39.3398	35.3954	39.2565	32.8701	35.4446	35.971
spine_length(306)	38.8652	40.7322	36.3749	36.8005	33.9096	33.0904	33.439
spine_length(307)	41.5738	41.1251	37.6773	39.1496	37.7583	34.9233	36.9372
spine_length(308)	42.1397	41.7793	37.2077	37.052	37.7615	31.7963	40.5956
spine_length(309)	35.153	41.88	36.0693	39.8616	33.633	34.2114	41.341
spine_length(310)	40.4012	43.4166	40.014	35.8278	27.2315	31.6231	39.4972
spine_length(311)	41.4582	39.6649	39.1171	38.3085	29.4021	33.9852	34.0244
spine_length(312)	37.6799	42.7637	38.2032	36.3043	34.7779	33.3005	30.7921
spine_length(313)	39.127	41.339	37.1198	36.5595	35.0316	33.4285	35.7881
spine_length(314)	39.3531	36.762	39.7571	35.6764	29.8511	32.8898	39.5588
spine_length(315)	40.7633	41.3746	38.9464	36.2733	24.9013	30.9271	41.3936
spine_length(316)	36.5207	41.6187	39.8542	35.9953	21.5879	30.3315	39.6681
spine_length(317)	41.0612	37.5821	37.9956	34.6757	22.6064	31.5023	29.4446
spine_length(318)	39.3359	42.5144	40.8462	37.0905	30.8969	33.7372	34.306
spine_length(319)	39.3704	42.2738	39.178	36.4858	32.6325	31.9632	36.0855
spine_length(320)	39.1436	39.7729	40.7795	35.9148	35.9787	32.1954	39.9481
spine_length(321)	39.7791	43.4881	40.7314	35.1908	33.9753	34.2373	38.8196
spine_length(322)	39.3148	41.1267	38.7977	35.5782	32.3511	31.3536	40.079
spine_length(323)	38.8605	38.9546	40.659	37.7843	35.0125	33.2634	38.7537
spine_length(324)	41.1952	42.3612	38.2461	35.2096	33.3857	31.2019	41.5003
spine_length(325)	35.9953	42.205	40.1674	37.1625	33.8734	32.4053	39.8282
spine_length(326)	38.9919	40.3756	39.1391	36.2219	34.984	31.4465	39.4704
spine_length(327)	35.3547	42.0662	40.9622	37.0799	35.0479	32.3134	33.0644
spine_length(328)	39.9141	41.3533	40.1535	35.912	36.3399	29.2351	36.1324

spine_length(329)	40.5343	40.7799	38.0984	38.5544	36.3712	32.3718	39.3916
spine_length(330)	38.9811	41.4072	40.4222	37.4684	36.7631	32.8849	39.9706
spine_length(331)	36.2725	41.183	40.7377	38.9257	37.5095	34.0477	36.0224
spine_length(332)	39.3786	41.7039	37.9889	35.5737	38.1737	31.112	36.0264
spine_length(333)	39.2903	43.0742	41.5528	39.8764	36.3855	31.6553	31.0356
spine_length(334)	34.0524	39.1148	40.6997	38.1801	39.0277	33.3492	24.0504
spine_length(335)	33.5067	41.9582	38.2224	39.4814	37.342	31.1221	33.6931
spine_length(336)	30.7005	42.8533	40.1219	38.1996	36.7086	31.6538	33.4022
spine_length(337)	27.3883	40.4032	39.779	39.4677	36.3602	32.2583	35.2986
spine_length(338)	31.3659	40.3823	41.0582	35.9516	38.1234	30.7215	37.6689
spine_length(339)	33.62	41.1135	40.0434	40.3699	36.759	34.6685	35.9259
spine_length(340)	33.7846	40.3225	41.568	36.2634	39.6776	34.092	37.4655
spine_length(341)	34.9707	41.9355	41.8693	39.8499	37.708	31.3604	36.0196
spine_length(342)	34.7291	38.1144	37.3004	37.7112	39.9252	32.4945	38.4181
spine_length(343)	36.1009	42.1299	39.8276	39.0314	38.4199	30.2935	35.3735
spine_length(344)	34.6283	42.3253	38.6859	36.9429	37.2892	32.4643	37.9525
spine_length(345)	37.1567	40.5866	39.4396	36.6253	40.2608	33.1375	36.542
spine_length(346)	39.1986	40.7758	40.9172	39.3697	37.6983	32.0445	38.6384
spine_length(347)	37.0944	41.3182	42.0318	35.7537	37.2572	34.9585	37.6915
spine_length(348)	40.0242	40.8577	39.3877	39.5673	38.5564	32.364	37.6949
spine_length(349)	38.8327	41.924	38.2778	35.8004	36.4555	30.7233	37.3332
spine_length(350)	38.5312	44.6214	35.8253	38.2582	38.6692	32.5317	38.1011
spine_length(351)	39.5035	40.7618	39.5947	38.668	36.1288	31.1336	36.8823
spine_length(352)	40.6617	43.0386	30.6439	38.1823	40.231	30.2641	39.0515
spine_length(353)	37.6195	40.2617	34.2547	37.0272	38.538	31.7849	37.0283
spine_length(354)	39.8318	42.1018	33.7428	35.283	36.1158	33.6108	38.4863
spine_length(355)	40.5505	41.9557	34.2165	38.8305	37.2969	32.1646	37.6913
spine_length(356)	38.7374	40.2673	35.2979	36.3186	39.2677	32.4602	36.767
spine_length(357)	36.5752	43.0011	35.2118	39.4722	38.1943	30.3211	37.476
spine_length(358)	39.0265	40.5378	37.0883	34.7342	36.7738	26.8608	37.8164
spine_length(359)	39.7225	41.534	36.6256	39.323	36.9253	29.0476	37.4722
bending(0)	180	163.718	180	209.625	159.636	137.356	180
bending(1)	163.689	162.544	180	180	180	157.253	180
bending(2)	153.563	158.213	180	204.89	180	149.927	180
bending(3)	180	180	180	191.646	169.858	180	180
bending(4)	180	180	180	190.094	166.544	180	180
bending(5)	180	180	173.446	180	144.831	180	180
bending(6)	180	180	180	180	137.254	180	180
bending(7)	180	180	184.383	180	155.659	180	180
bending(8)	180	180	189.274	180	146.646	180	180
bending(9)	180	170.162	180	180	159.636	180	180
bending(10)	180	180	180	180	160.132	180	180
bending(11)	180	180	180	180	144.147	180	170.44
bending(12)	180	191.402	195.268	180	150.985	180	173.801
bending(13)	133.957	180	153.916	180	151.045	180	180
bending(14)	137.726	180	134.972	180	145.029	180	180
bending(15)	126.159	180	144.956	180	150.276	180	180
bending(16)	111.571	180	143.13	202.426	156.444	185.805	180
bending(17)	109.471	173.782	150.871	184.057	156.444	200.153	180
bending(18)	117.056	173.932	180	130.163	136.287	207.439	180

bending(19)	124.382	180	180	107.988	154.649	214.772	180
bending(20)	114.97	180	180	126.87	137.992	218.343	180
bending(21)	126.87	180	100.769	133.174	148.821	214.412	180
bending(22)	132.689	180	121.966	131.66	139.685	180	180
bending(23)	142.428	180	159.101	159.56	144.684	180	180
bending(24)	160.176	165.82	150.817	144.049	127.383	180	180
bending(25)	180	172.97	155.822	159.101	150.074	199.557	180
bending(26)	168.305	180	171.203	143.412	145.44	260.959	180
bending(27)	168.305	180	171.203	143.412	145.44	260.959	180
bending(28)	180	194.476	180	172.405	173.048	271.302	180
bending(29)	180	215.335	180	167.546	180	80.6035	168.635
bending(30)	180	209.11	180	169.22	180	56.0519	180
bending(31)	180	214.246	180	169.22	180	62.9643	180
bending(32)	180	219.472	180	168.939	180	83.8494	180
bending(33)	180	189.56	180	180	180	76.5066	160.25
bending(34)	164.556	180	180	180	180	112.54	161.728
bending(35)	180	195.268	180	159.258	180	105.484	156.343
bending(36)	180	129.626	180	180	197.146	121.661	180
bending(37)	180	149.973	180	180	223.022	124.898	231.753
bending(38)	180	150.553	180	180	237.338	138.176	208.858
bending(39)	180	154.506	170.399	180	208.122	149.49	197.647
bending(40)	202.529	163.165	180	180	205.952	151.619	180
bending(41)	191.95	180	180	180	180	167.789	180
bending(42)	180	144.147	180	180	180	169.156	76.7061
bending(43)	221.948	125.377	180	180	184.679	172.567	92.9222
bending(44)	211.003	232.123	180	180	180	158.961	109.954
bending(45)	199.188	90.4494	161.328	172.185	195.116	180	120
bending(46)	203.765	118.274	180	180	180	180	130.402
bending(47)	213.557	152.617	171.944	180	180	180	135.295
bending(48)	208.167	158.213	180	180	180	180	72.5424
bending(49)	191.778	122.011	180	180	180	180	63.7232
bending(50)	188.11	156.175	188.797	180	180	180	83.3002
bending(51)	180	86.0534	180	180	180	180	93.8824
bending(52)	180	56.145	188.056	180	180	180	108.839
bending(53)	193.536	63.403	180	180	180	180	109.563
bending(54)	189.56	86.8263	180	175.367	180	180	114.966
bending(55)	214.276	274.014	180	180	164.641	180	234.315
bending(56)	180	252.895	180	159.672	170.974	180	230.893
bending(57)	195.444	238.95	180	142.296	164.416	180	204.396
bending(58)	180	235.15	199.75	180	161.891	180	180
bending(59)	180	224.343	194.571	180	152.734	180	180
bending(60)	180	223.318	180	180	180	180	180
bending(61)	180	230.724	180	180	180	180	180
bending(62)	180	209.903	180	180	180	180	180
bending(63)	180	203.705	180	180	168.997	180	180
bending(64)	195.223	189.838	180	180	180	180	180
bending(65)	189.274	187.402	180	180	142.643	180	180
bending(66)	180	180	180	180	81.6145	180	180
bending(67)	180	180	180	180	83.6514	190.519	180
bending(68)	180	185.897	180	180	116.21	180	180

bending(69)	180	194.014	175.49	169.628	131.426	180	180
bending(70)	164.105	186.576	180	160.812	122.554	180	180
bending(71)	160.812	180	180	157.891	156.104	180	180
bending(72)	160.308	192.839	180	145.44	267.544	180	180
bending(73)	173.048	206.727	180	146.625	277.959	180	180
bending(74)	180	206.799	180	154.898	256.639	180	180
bending(75)	180	234.211	180	148.789	208.381	180	217.357
bending(76)	180	214.692	180	164.777	225.255	188.797	189.56
bending(77)	180	219.882	180	175.351	211.875	180	180
bending(78)	204.033	219.239	180	180	203.861	197.185	180
bending(79)	180	220.101	180	180	193.608	180	171.723
bending(80)	196.152	228.918	180	180	197.276	189.388	180
bending(81)	180	229.098	192.839	180	180	191.365	180
bending(82)	180	261.15	180	168.354	180	180	180
bending(83)	180	249.306	180	180	180	180	180
bending(84)	180	232.617	180	180	180	207.032	180
bending(85)	180	214.677	180	180	180	213.557	180
bending(86)	180	197.146	180	180	173.424	222.833	163.689
bending(87)	180	210.815	180	180	180	219.366	180
bending(88)	180	216.807	180	198.195	180	218.845	180
bending(89)	166.023	216.301	180	180	170.695	205.058	180
bending(90)	171.203	210.947	180	180	173.424	192.588	192.893
bending(91)	155.11	208.072	180	180	175.49	180	83.475
bending(92)	167.583	230.833	167.472	180	180	180	91.9263
bending(93)	180	226.273	180	180	180	180	125.555
bending(94)	217.864	225.573	180	180	168.284	180	157.808
bending(95)	218.87	228.19	180	180			151.467
bending(96)	208.955	213.659	180	180			105.183
bending(97)	202.332	202.332	197.146	180			180
bending(98)	194.688	202.691	180	180			180
bending(99)	206.525	180	184.057	180			277.181
bending(100)	130.32	180	180	180			272.519
bending(101)	164.537	180	180	180			247.115
bending(102)	180	180	180	180			222.599
bending(103)	115.555	196.668	180	180	171.679	241.58	205.146
bending(104)	121.388	192.101	180	180	167.583	233.861	190.063
bending(105)	279.301	180	152.27	180	180	229.68	75.5225
bending(106)	277.606	192.558	160.812	180	180	218.213	78.2802
bending(107)	298.485	204.784	180	180	180	219.715	101.837
bending(108)	280.287	223.092	210.723	186.042	180	216.129	139.632
bending(109)	267.306	212.726	180	180	180	217.428	143.675
bending(110)	257.16	220.368	180	180	180	160.25	180
bending(111)	233.086	235.704	113.394	180	180	149.49	165.263
bending(112)	222.073	243.524	139.632	180	180	161.626	180
bending(113)	219.565	217.097	147.085	186.199	180	174.746	180
bending(114)	217.245	223.762	167.899	180	180	180	180
bending(115)	222.073	180	180	164.54	180	180	180
bending(116)	180	180	180	147.036	180	180	180
bending(117)	200.724	260.406	180	168.354	180	180	180
bending(118)	180	256.911	180	174.924	180	180	166.87

bending(119)	191.113	260.915	180	180	180	180	180
bending(120)	186.756	243.612	180	180	180	166.069	175.49
bending(121)	189.601	232.445	180	180	180	180	170.051
bending(122)	180	292.885	162.781	180	180	180	160.25
bending(123)	180	299.17	180	180	180	180	169.838
bending(124)	180	283.887	180	168.05	180	180	274.412
bending(125)	180	268.277	180	180	180	180	242.941
bending(126)	191.365	109.471	180	180	180	180	214.246
bending(127)	201.478	112.885	180	163.848	180	180	209.064
bending(128)	203.321	125.685	180	184.395	180	180	189.56
bending(129)	191.061	127.504	180	180	180	47.5458	287.235
bending(130)	195.223	148.997	196.099	180	180	51.0822	270.722
bending(131)	202.691	154.942	180	180	173.591	74.5597	255.757
bending(132)	180	180	180	180	180	72.1324	228.994
bending(133)	180	163.969	180	180	164.105	91.146	215.169
bending(134)	180	164.732	180	180	163.689	94.7802	208.072
bending(135)	180	180	180	180	180	92.7557	193.536
bending(136)	180	158.091	180	180	180	113.436	180
bending(137)	193.621	170.399	190.748	180	180	131.549	203.657
bending(138)	180	180	202.043	165.563	180	119.032	196.686
bending(139)	180	180	180	149.442	180	139.017	193.456
bending(140)	180	180	180	168.388	180	140.285	189.305
bending(141)	180	180	180	159.226	180	162.161	180
bending(142)	180	171.203	180	180	165.563	139.881	180
bending(143)	180	180	180	180	159.17	167.472	180
bending(144)	180	165.706	180	180	167.899	163.189	180
bending(145)	180	145.544	180	180	180	180	180
bending(146)	180	158.961	167.472	180	180	180	195.268
bending(147)	180	162.062	180	192.101	162.854	180	127.551
bending(148)	180	152.079	201.57	189.08	175.067	180	120.838
bending(149)	180	159.636	180	192.725	180	169.481	125.931
bending(150)	180	171.657	190.461	180	180	180	126.671
bending(151)	180	175.831	180	180	180	180	146.783
bending(152)	180	180	180	180	180	180	149.258
bending(153)	180	193.13	180	180	180	180	147.218
bending(154)	180	180	180	185.881	180	180	162.062
bending(155)	193.536	180	180	180	166.87	205.058	158.961
bending(156)	188.549	199.188	180	187.617	155.478	206.59	168.635
bending(157)	200.364	193.856	180	192.454	180	195.741	145.991
bending(158)	180	194.26	180	180	163.314	214.56	158.069
bending(159)	180	184.169	188.151	180	180	212.204	159.636
bending(160)	180	217.428	180	192.725	180	216.605	168.598
bending(161)	180	209.189	180	180	160.812	192.528	146.443
bending(162)	192.454	199.091	180	180	180	204.147	180
bending(163)	180	180	169.22	180	180	180	180
bending(164)	180	194.141	180	180	161.328	180	180
bending(165)	192.454	184.169	180	180	168.939	180	158.522
bending(166)	180	180	180	180	166.464	180	173.424
bending(167)	180	180	180	175.199	158.961	180	160.812
bending(168)	180	180	189.987	168.598	164.358	180	180

bending(169)	170.695	180	203.556	180	153.616	180	180
bending(170)	156.407	180	190.748	146.156	151.045	180	180
bending(171)	154.649	180	187.433	162.749	144.704	180	180
bending(172)	156.878	180	180	140.939	142.572	180	180
bending(173)	180	214.56	180	143.13	165.165	189.875	180
bending(174)	166.791	180	180	144.665	173.591	194.213	172.185
bending(175)	180	180	180	137.696	180	211.003	173.424
bending(176)	180	156.164	180	162.405	180	203.975	175.842
bending(177)	180	180	180	171.203	180	191.765	167.899
bending(178)	142.426	180	180	171.203	180	200.364	180
bending(179)	169.252	180	180	166.464	180		180
bending(180)	133.983	180	180	169.778	175.469		180
bending(181)	99.9361	180	180	173.424	180		180
bending(182)	110.407	180	180	180	161.805		180
bending(183)	114.901	180	180	170.695	213.557		180
bending(184)	140.528	180	180	156.444	233		180
bending(185)	139.606	180	180	162.353	180		180
bending(186)	141.375	180	180	156.131	82.3377		180
bending(187)	154.526	180	180	180	102.374		180
bending(188)	142.85	180	180	180	108.21		161.328
bending(189)	152.155	180	180	108.07	106.128		175.49
bending(190)	138.59	180	180	98.6913	115.944		169.308
bending(191)	180	180	186.199	110.128	158.157	180	180
bending(192)	180	180	180	131.279	180	169.156	180
bending(193)	180	180	180	135.139	180	150.429	180
bending(194)	180	180	180	143.202	180	180	180
bending(195)	180	180	180	134.931	175.831	281.233	173.801
bending(196)	180	180	180	150.097	170.695	299.144	164.93
bending(197)	206.325	180	180	154.158	175.831	293.018	173.022
bending(198)	180	180	180	155.659	180	285.183	170.399
bending(199)	180	180	180	158.579	172.148	275.739	167.943
bending(200)	163.848	180	180	180	180	259.66	180
bending(201)	180	180	180	164.105	167.583	124.133	180
bending(202)	180	180	180	180	171.203	105.686	180
bending(203)	180	180	180	160.812	173.244	117.797	180
bending(204)	180	180	180	173.446	171.657	124.76	180
bending(205)	180	180	180	173.782	168.635	132.732	180
bending(206)	180	180	180	180	180	131.595	180
bending(207)	180	180	180	180	169.22	147.065	180
bending(208)	180	180	180	180	173.446	147.065	180
bending(209)	197.53	180	180	180	175.605	156.444	166.443
bending(210)	203.399	199.188	180	163.612	173.424	147.065	160.748
bending(211)	206.92	180	175.351	180	180	141.058	180
bending(212)	201.448	180	180	204.25	180	155.604	180
bending(213)	215.659	180	180	202.485	180	147.176	180
bending(214)	200.364	180	180	212.303	180	156.874	180
bending(215)	200.724	186.554	180	262.908	180	154.048	180
bending(216)	199.75	180	180	112.62	180	180	180
bending(217)	180	184.169	180	117.818	180	180	180
bending(218)	180	180	180	131.731	180	168.235	180

bending(219)	180	180	180	146.389	180	180	180
bending(220)	180	180	180	169.252	180	172.338	180
bending(221)	180	180	180	180	180	172.567	180
bending(222)	191.809	180	196.905	180	180	180	173.591
bending(223)	180	180	180	180	180	180	180
bending(224)	189.305	180	180	180	180	180	180
bending(225)	205.842	180	180	170.44	180	180	180
bending(226)	213.557	180	180	160.333	180	180	156.654
bending(227)	221.694	187.617	180	161.728	180	180	160.25
bending(228)	210.723	180	180	180	180	180	159.636
bending(229)	190.475	184.169	180	180	180	180	158.343
bending(230)	180	180	180	180	180	180	166.069
bending(231)	180	180	180	180	180	187.433	170.931
bending(232)	180	180	180	180	180	180	170.456
bending(233)	290.487	204.178	180	180	180	180	180
bending(234)	276.909	263.438	180	180	180	189.069	180
bending(235)	267.989	277.662	180	172.185	180	180	173.801
bending(236)	241.928	283.032	180	175.49	180	180	180
bending(237)	247.253	253.599	180	173.621	180	180	175.605
bending(238)	232.606	256.218	180		180	180	180
bending(239)	224.049	227.618	180		180	188.797	180
bending(240)	223.723	180	180		180	180	180
bending(241)	220.536	274.469	162.854	180	169.628	180	180
bending(242)	204.702	239.482	152.352	229.144	170.44	196.099	168.05
bending(243)	203.593		159.101	245.376		180	180
bending(244)	204.178		180	228.44		180	173.782
bending(245)	221.41		186.978	224.722		180	180
bending(246)	216.87		185.897	207.348		180	173.932
bending(247)	228.506		180	75.5225		180	180
bending(248)	207.693		180	74.534		180	180
bending(249)	200.527		180	81.6949		180	180
bending(250)	203.556		180	250.529		180	170.399
bending(251)	209.473		180	244.623		180	167.546
bending(252)	203.176		180	224.739		195.807	180
bending(253)	211.788		180	214.318		192.211	175.351
bending(254)	180		180	207.266		214.56	180
bending(255)	180		171.228	206.525		201.787	143.202
bending(256)	180		171.657	199.188		180	136.633
bending(257)	180	205.351	180	165.165	180	180	142.572
bending(258)	180	210.723	180	188.549	180	180	230.754
bending(259)	180	211.982	180	180	180	188.797	235.274
bending(260)	180	208.167	180	189.274	180	180	193.931
bending(261)	180	189.56	180	180	180	180	191.809
bending(262)	180	198.195	180	186.576	173.801	180	180
bending(263)	180	180	180	180	162.749	180	180
bending(264)	180	180	180	180	180	188.797	180
bending(265)	180	189.026	180	157.08	180	180	180
bending(266)	180	201.931	180	180	180	180	180
bending(267)	201.931	180	187.617	162.854	180	202.192	180
bending(268)	206.605	180	209.926	180	180	195.642	190.222

bending(269)	192.725	190.475	180	180	180	185.076	188.772
bending(270)	194.996	180	198.218	180	180	196.686	180
bending(271)	180	184.51	180	180	180	195.359	180
bending(272)	193.536	180	180	180	180	188.549	180
bending(273)	192.839	180	180	169.906	180	180	180
bending(274)	180	180	162.247	180	165.263	180	180
bending(275)	180	180	156.407	173.958	180	180	225.329
bending(276)	180	180	152.37	173.022	168.388	180	189.56
bending(277)	180	180	180	180	180	180	180
bending(278)	180	180	161.328	180	180	180	131.918
bending(279)	180	180	133.433	180	180	180	148.069
bending(280)	180	180	105.891	180	180	180	153.08
bending(281)	188.549	180	43.3418	180	180	180	159.636
bending(282)	200.899	180	59.3492	180	180	180	180
bending(283)	201.593	180	81.6454	180	180	180	180
bending(284)	187.617	180	101.537	180	180	180	299.085
bending(285)	180	180	242.514	180	180	180	287.672
bending(286)	184.169	180	198.672	168.354	180	180	266.815
bending(287)	180	180	180	180	180	180	229.598
bending(288)	180	180	189.987	180	180	180	225.099
bending(289)	173.244	180	180	180	180	180	206.525
bending(290)	174.103	180	180	180	180	205.397	180
bending(291)	180	180	180	180	180	191.716	199.75
bending(292)	186.199	172.567	180	180	180	180	180
bending(293)	180	167.107	180	180	180	180	188.277
bending(294)	180	180	180	163.848	180	195.887	180
bending(295)	201.909	180	180	180	180	208.072	180
bending(296)	194.996	180	180	169.525	180	213.76	180
bending(297)	222.537	180	172.777	180	180	199.188	180
bending(298)	214.159	180	167.161	173.621	180	208.072	180
bending(299)	205.008	180	180	173.244	191.646	200.83	180
bending(300)	208.955	180	180	180	180	188.797	180
bending(301)	203.682	180	180	165.638	180	180	180
bending(302)	186.218	175.49	180	180	169.327	180	180
bending(303)	180	180	69.5127	162.388	153.616	180	180
bending(304)	180	180	50.7035	175.085	139.37	180	180
bending(305)	180	180	72.447	155.417	144.288	180	180
bending(306)	173.621	180	277.295	180	78.6104	180	158.858
bending(307)	180	180	244.623	180	84.0475	180	130.32
bending(308)	180	180	249.871	180	109.471	180	141.325
bending(309)	180	180	216.542	180	105.962	180	154.158
bending(310)	180	180	208.206	180	244.623	180	147.415
bending(311)	180	180	193.212	180	254.463	190.519	119.552
bending(312)	180	180	186.576	180	216.114	180	212.303
bending(313)	180	180	180	163.589	192.429	180	199.75
bending(314)	180	180	180	180	145.505	180	180
bending(315)	180	180	180	180	167.161	180	180
bending(316)	180	180	180	180	180	180	180
bending(317)	180	180	180	180	55.3034	180	257.291
bending(318)	180	180	180	180	70.2889	180	270.849

bending(319)	180	180	180	180	74.9178	180	252.226
bending(320)	180	180	171.657	170.389	95.1225	180	226.017
bending(321)	180	180	172.777	180	105.484	180	180
bending(322)	180	180	171.203	173.244	115.944	180	195.642
bending(323)	180	180	180	156.407	133.455	187.181	180
bending(324)	180	180	180	166.018	157.38	187.952	180
bending(325)	180	180	180	170.726	138.038	180	180
bending(326)	180	180	186.034	173.424	167.107	180	180
bending(327)	180	180	184.272	175.351	164.762	180	180
bending(328)	180	180	180	180	180	185.805	102.025
bending(329)	180	180	180	157.309	180	180	127.292
bending(330)	180	180	180	180	180	180	135.278
bending(331)	153.301	180	180	172.185	180	180	142.085
bending(332)	135.619	180	180	180	180	180	160.812
bending(333)	153.102	180	180	180	180	180	160.25
bending(334)	154.942	180	180	173.424	180	180	138.925
bending(335)	74.8093	180	180	165.706	180	195.942	39.3076
bending(336)	180	180	180	154.692	180	196.408	83.0865
bending(337)	302.368	180	180	160.25	180	209.683	110.775
bending(338)	301.835	180	180	148.749	193.557	180	124.005
bending(339)	304.76	180	180	146.954	200.364	197.488	139.685
bending(340)	274.481	180	180	151.928	197.032	199.188	152.526
bending(341)	268.531	165.859	180	150.527	193.261	180	152.734
bending(342)	260.867	180	180	172.148	180	180	147.596
bending(343)	259.019	180	172.567	153.437	193.977	180	159.596
bending(344)	250.529	180	155.853	166.87	180	192.893	180
bending(345)	238.243	180	180	180	180	180	164.03
bending(346)	229.995	180	180	180	180	180	180
bending(347)	234.623	180	180	184.801	180	180	169.628
bending(348)	229.995	180	234.147	186.199	180	187.433	180
bending(349)	221.41	180	240.496	180	180	180	180
bending(350)	200.899	180	180	186.199	195.46	180	180
bending(351)	211.788	180	180	187.617	180	180	180
bending(352)	212.935	180	59.3492	171.228	200.774	133.433	180
bending(353)	180	180	70.5288	171.944	191.646	151.045	180
bending(354)	209.473	180	75.5225	180	189.56	169.481	180
bending(355)	213.557	180	77.314	180	180	156.628	180
bending(356)	210.846	180	91.3483	156.444	199.188	180	170.726
bending(357)	196.598	180	91.3483	165.986	191.95	180	180
bending(358)	210.723	180	106.128	161.537	180	156.289	180
bending(359)	210.393	180	109.26	180	180	207.012	180
head_x(0)	1173	1430	1705	1183	1622	1229	1372
head_x(1)	1170	1427	1711	1189	1623	1233	1373
head_x(2)	1166	1427	1715	1189	1625	1236	1374
head_x(3)	1161	1427	1721	1193	1625	1243	1376
head_x(4)	1158	1428	1729	1195	1625	1247	1377
head_x(5)	1154	1429	1733	1203	1622	1250	1377
head_x(6)	1152	1429	1740	1205	1619	1252	1376
head_x(7)	1146	1427	1745	1209	1621	1255	1376
head_x(8)	1140	1424	1749	1209	1620	1257	1377

head_x(9)	1134	1424	1755	1213	1618	1261	1378
head_x(10)	1130	1425	1759	1219	1616	1265	1375
head_x(11)	1128	1425	1761	1219	1613	1270	1374
head_x(12)	1129	1432	1763	1226	1611	1275	1372
head_x(13)	1128	1428	1755	1233	1608	1279	1372
head_x(14)	1127	1429	1759	1233	1602	1283	1372
head_x(15)	1126	1428	1759	1237	1600	1287	1372
head_x(16)	1132	1429	1759	1237	1598	1291	1374
head_x(17)	1134	1427	1760	1239	1595	1292	1375
head_x(18)	1139	1428	1767	1232	1592	1296	1377
head_x(19)	1145	1428	1773	1235	1588	1301	1378
head_x(20)	1153	1431	1773	1236	1584	1303	1380
head_x(21)	1157	1433	1752	1234	1580	1305	1379
head_x(22)	1163	1425	1753	1235	1578	1308	1382
head_x(23)	1168	1427	1751	1234	1572	1311	1383
head_x(24)	1173	1421	1746	1232	1572	1313	1385
head_x(25)	1178	1420	1739	1233	1567	1308	1386
head_x(26)	1180	1425	1736	1229	1566	1295	1388
head_x(27)	1180	1425	1736	1229	1566	1295	1388
head_x(28)	1183	1433	1734	1229	1562	1295	1388
head_x(29)	1189	1439	1728	1228	1558	1297	1386
head_x(30)	1191	1441	1727	1228	1554	1293	1386
head_x(31)	1195	1445	1725	1226	1552	1285	1388
head_x(32)	1201	1451	1714	1222	1548	1278	1386
head_x(33)	1205	1449	1712	1220	1546	1272	1386
head_x(34)	1209	1437	1708	1216	1546	1268	1383
head_x(35)	1215	1447	1706	1212	1549	1264	1381
head_x(36)	1218	1426	1702	1210	1550	1260	1388
head_x(37)	1221	1424	1694	1211	1546	1260	1401
head_x(38)	1225	1424	1688	1211	1544	1261	1407
head_x(39)	1227	1416	1685	1208	1540	1261	1406
head_x(40)	1227	1417	1676	1207	1538	1263	1401
head_x(41)	1231	1417	1673	1202	1533	1267	1393
head_x(42)	1235	1414	1668	1198	1532	1267	1374
head_x(43)	1234	1408	1665	1194	1527	1267	1364
head_x(44)	1238	1429	1659	1192	1524	1268	1358
head_x(45)	1243	1433	1654	1188	1521	1270	1354
head_x(46)	1245	1431	1646	1184	1519	1272	1352
head_x(47)	1244	1431	1642	1182	1515	1276	1362
head_x(48)	1244	1430	1636	1176	1513	1281	1369
head_x(49)	1249	1433	1630	1176	1508	1281	1371
head_x(50)	1252	1432	1628	1174	1505	1284	1374
head_x(51)	1254	1432	1620	1168	1500	1287	1379
head_x(52)	1257	1433	1618	1164	1497	1289	1383
head_x(53)	1253	1430	1608	1160	1492	1289	1385
head_x(54)	1252	1426	1606	1157	1488	1294	1379
head_x(55)	1253	1449	1600	1152	1486	1298	1362
head_x(56)	1254	1449	1596	1146	1480	1303	1356
head_x(57)	1255	1449	1591	1140	1477	1305	1351
head_x(58)	1255	1449	1588	1134	1472	1308	1346

head_x(59)	1258	1449	1581	1130	1470	1312	1342
head_x(60)	1262	1447	1578	1127	1464	1313	1340
head_x(61)	1262	1444	1572	1123	1460	1315	1338
head_x(62)	1261	1444	1568	1119	1456	1319	1336
head_x(63)	1262	1444	1562	1115	1458	1321	1333
head_x(64)	1258	1443	1556	1110	1460	1323	1330
head_x(65)	1259	1442	1552	1104	1466	1326	1326
head_x(66)	1264	1443	1546	1101	1478	1329	1325
head_x(67)	1263	1442	1542	1094	1482	1335	1321
head_x(68)	1266	1441	1534	1088	1480	1337	1317
head_x(69)	1266	1439	1530	1084	1478	1338	1313
head_x(70)	1273	1438	1528	1078	1480	1335	1310
head_x(71)	1277	1437	1524	1074	1476	1336	1308
head_x(72)	1281	1434	1520	1071	1474	1338	1303
head_x(73)	1283	1433	1512	1070	1471	1341	1301
head_x(74)	1285	1428	1507	1066	1466	1344	1302
head_x(75)	1287	1420	1500	1068	1461	1346	1312
head_x(76)	1285	1422	1493	1064	1458	1351	1311
head_x(77)	1287	1417	1488	1062	1454	1356	1311
head_x(78)	1287	1410	1482	1058	1450	1362	1307
head_x(79)	1290	1408	1476	1054	1445	1368	1304
head_x(80)	1290	1404	1472	1055	1442	1375	1304
head_x(81)	1294	1404	1465	1054	1438	1379	1303
head_x(82)	1298	1400	1458	1056	1434	1385	1302
head_x(83)	1298	1394	1452	1057	1430	1389	1304
head_x(84)	1303	1391	1444	1057	1426	1392	1302
head_x(85)	1304	1388	1436	1057	1424	1397	1301
head_x(86)	1304	1386	1430	1055	1422	1399	1299
head_x(87)	1307	1384	1424	1051	1418	1401	1299
head_x(88)	1315	1378	1420	1050	1414	1403	1298
head_x(89)	1318	1375	1412	1046	1412	1406	1302
head_x(90)	1323	1373	1404	1046	1408	1407	1306
head_x(91)	1327	1372	1400	1043	1404	1411	1292
head_x(92)	1331	1370	1394	1045	1401	1410	1284
head_x(93)	1335	1366	1386	1047	1398	1414	1279
head_x(94)	1324	1365	1382	1043	1394	1414	1274
head_x(95)	1325	1364	1378	1045			1272
head_x(96)	1322	1358	1372	1043			1283
head_x(97)	1320	1356	1372	1045			1278
head_x(98)	1327	1352	1364	1042			1280
head_x(99)	1322	1349	1358	1042			1301
head_x(100)	1331	1346	1352	1043			1304
head_x(101)	1329	1346	1348	1046			1311
head_x(102)	1323	1344	1340	1051			1315
head_x(103)	1325	1344	1334	1051	1376	1382	1317
head_x(104)	1327	1342	1331	1058	1374	1376	1313
head_x(105)	1307	1338	1322	1058	1371	1373	1292
head_x(106)	1305	1338	1314	1060	1369	1369	1285
head_x(107)	1300	1342	1312	1061	1366	1365	1278
head_x(108)	1294	1340	1320	1059	1367	1363	1272

head_x(109)	1289	1342	1318	1059	1362	1360	1268
head_x(110)	1285	1345	1322	1060	1365	1360	1264
head_x(111)	1278	1350	1320	1065	1362	1360	1258
head_x(112)	1274	1357	1314	1067	1359	1360	1254
head_x(113)	1272	1356	1310	1071	1358	1361	1250
head_x(114)	1266	1363	1304	1073	1357	1358	1244
head_x(115)	1260	1355	1297	1083	1354	1357	1242
head_x(116)	1256	1357	1292	1087	1352	1354	1234
head_x(117)	1250	1371	1286	1093	1354	1355	1232
head_x(118)	1246	1375	1280	1097	1353	1352	1228
head_x(119)	1242	1373	1275	1103	1352	1353	1224
head_x(120)	1238	1369	1270	1107	1353	1354	1218
head_x(121)	1234	1361	1269	1112	1352	1354	1218
head_x(122)	1230	1354	1267	1116	1351	1354	1214
head_x(123)	1226	1353	1265	1121	1351	1354	1218
head_x(124)	1223	1356	1262	1127	1349	1350	1238
head_x(125)	1218	1359	1260	1131	1349	1352	1234
head_x(126)	1214	1338	1258	1137	1347	1350	1233
head_x(127)	1212	1342	1258	1143	1346	1344	1233
head_x(128)	1206	1341	1255	1149	1349	1343	1228
head_x(129)	1203	1345	1252	1151	1348	1363	1249
head_x(130)	1200	1343	1249	1157	1351	1369	1260
head_x(131)	1196	1344	1250	1161	1352	1375	1266
head_x(132)	1192	1345	1250	1167	1355	1378	1272
head_x(133)	1189	1344	1251	1169	1359	1380	1277
head_x(134)	1184	1348	1251	1174	1358	1380	1280
head_x(135)	1180	1353	1251	1179	1362	1379	1287
head_x(136)	1176	1355	1246	1185	1362	1379	1289
head_x(137)	1172	1358	1244	1191	1365	1377	1294
head_x(138)	1168	1359	1242	1192	1364	1376	1299
head_x(139)	1164	1362	1243	1192	1368	1376	1301
head_x(140)	1160	1363	1241	1197	1372	1376	1305
head_x(141)	1159	1367	1242	1200	1376	1376	1310
head_x(142)	1153	1369	1242	1205	1379	1376	1313
head_x(143)	1150	1373	1244	1207	1385	1377	1316
head_x(144)	1146	1381	1244	1211	1389	1378	1320
head_x(145)	1142	1383	1247	1216	1393	1381	1321
head_x(146)	1136	1385	1253	1223	1397	1383	1317
head_x(147)	1134	1391	1250	1229	1401	1385	1319
head_x(148)	1128	1395	1249	1233	1405	1388	1324
head_x(149)	1125	1397	1248	1237	1409	1389	1327
head_x(150)	1122	1401	1247	1239	1412	1394	1326
head_x(151)	1120	1403	1250	1241	1417	1399	1330
head_x(152)	1118	1403	1249	1249	1421	1405	1332
head_x(153)	1117	1407	1252	1253	1427	1409	1332
head_x(154)	1112	1411	1253	1259	1429	1415	1336
head_x(155)	1111	1413	1255	1265	1433	1421	1336
head_x(156)	1108	1414	1255	1269	1435	1426	1337
head_x(157)	1107	1419	1255	1275	1439	1431	1336
head_x(158)	1102	1417	1257	1279	1441	1435	1337

head_x(159)	1100	1421	1256	1283	1445	1437	1336
head_x(160)	1094	1421	1259	1287	1449	1440	1340
head_x(161)	1094	1422	1261	1293	1451	1443	1338
head_x(162)	1092	1425	1267	1299	1457	1445	1342
head_x(163)	1088	1426	1271	1303	1459	1450	1340
head_x(164)	1089	1425	1275	1309	1461	1453	1342
head_x(165)	1090	1427	1281	1315	1463	1457	1341
head_x(166)	1087	1427	1283	1321	1464	1460	1341
head_x(167)	1084	1431	1281	1325	1463	1467	1342
head_x(168)	1080	1428	1280	1329	1464	1468	1343
head_x(169)	1076	1431	1279	1333	1463	1471	1343
head_x(170)	1070	1430	1281	1333	1463	1475	1345
head_x(171)	1066	1428	1281	1333	1460	1476	1345
head_x(172)	1062	1429	1281	1331	1461	1479	1344
head_x(173)	1058	1425	1280	1326	1459	1479	1344
head_x(174)	1054	1433	1280	1324	1460	1478	1343
head_x(175)	1052	1436	1281	1320	1459	1476	1343
head_x(176)	1048	1441	1280	1322	1460	1477	1343
head_x(177)	1046	1439	1280	1323	1461	1475	1342
head_x(178)	1040	1441	1281	1322	1462	1476	1341
head_x(179)	1038	1443	1281	1322	1461		1337
head_x(180)	1042	1445	1279	1322	1461		1338
head_x(181)	1046	1445	1279	1321	1460		1337
head_x(182)	1042	1446	1279	1319	1454		1337
head_x(183)	1042	1449	1279	1317	1469		1333
head_x(184)	1041	1449	1283	1310	1471		1332
head_x(185)	1040	1453	1285	1309	1459		1331
head_x(186)	1040	1455	1289	1306	1452		1330
head_x(187)	1038	1455	1295	1309	1448		1328
head_x(188)	1041	1456	1295	1311	1446		1324
head_x(189)	1042	1456	1297	1302	1444		1325
head_x(190)	1042	1459	1298	1300	1448		1320
head_x(191)	1040	1461	1300	1294	1456	1450	1318
head_x(192)	1036	1465	1302	1292	1460	1450	1312
head_x(193)	1034	1466	1305	1290	1460	1450	1308
head_x(194)	1028	1466	1307	1287	1463	1450	1305
head_x(195)	1024	1467	1315	1285	1462	1452	1302
head_x(196)	1022	1470	1316	1286	1462	1452	1296
head_x(197)	1018	1469	1325	1282	1463	1451	1294
head_x(198)	1016	1468	1329	1282	1461	1450	1288
head_x(199)	1016	1468	1334	1283	1461	1450	1286
head_x(200)	1021	1469	1339	1280	1462	1448	1282
head_x(201)	1019	1469	1343	1281	1462	1471	1278
head_x(202)	1019	1473	1347	1280	1463	1471	1274
head_x(203)	1016	1475	1351	1283	1462	1472	1270
head_x(204)	1018	1474	1357	1284	1462	1473	1268
head_x(205)	1015	1476	1363	1286	1463	1472	1264
head_x(206)	1010	1477	1369	1290	1463	1474	1260
head_x(207)	1007	1479	1375	1289	1462	1477	1259
head_x(208)	1004	1478	1381	1290	1463	1478	1253

head_x(209)	998	1478	1387	1294	1465	1479	1249
head_x(210)	994	1474	1395	1299	1464	1481	1244
head_x(211)	988	1477	1401	1299	1465	1482	1240
head_x(212)	984	1476	1405	1293	1465	1481	1236
head_x(213)	980	1477	1411	1293	1465	1483	1234
head_x(214)	976	1476	1415	1289	1465	1485	1230
head_x(215)	972	1474	1421	1285	1465	1487	1228
head_x(216)	966	1474	1427	1301	1465	1488	1226
head_x(217)	964	1474	1431	1307	1463	1489	1222
head_x(218)	958	1474	1437	1313	1463	1488	1218
head_x(219)	954	1475	1443	1319	1462	1487	1213
head_x(220)	950	1474	1451	1325	1463	1485	1210
head_x(221)	946	1476	1455	1329	1463	1485	1205
head_x(222)	944	1477	1459	1335	1465	1492	1200
head_x(223)	940	1479	1465	1337	1466	1496	1194
head_x(224)	938	1480	1471	1339	1468	1500	1191
head_x(225)	938	1480	1475	1341	1470	1501	1186
head_x(226)	936	1479	1477	1343	1469	1505	1182
head_x(227)	937	1473	1480	1345	1471	1508	1181
head_x(228)	931	1473	1483	1349	1471	1511	1176
head_x(229)	930	1476	1489	1353	1470	1513	1170
head_x(230)	928	1478	1494	1356	1473	1517	1166
head_x(231)	928	1483	1499	1359	1472	1521	1160
head_x(232)	934	1480	1503	1363	1475	1524	1154
head_x(233)	954	1471	1509	1363	1477	1527	1148
head_x(234)	952	1462	1511	1367	1483	1530	1145
head_x(235)	954	1460	1515	1367	1483	1533	1140
head_x(236)	957	1456	1519	1369	1484	1537	1135
head_x(237)	961	1454	1523	1371	1483	1540	1130
head_x(238)	963	1451	1527		1483	1545	1126
head_x(239)	969	1452	1529		1483	1549	1122
head_x(240)	972	1485	1532		1481	1553	1118
head_x(241)	978	1483	1532	1346	1481	1558	1114
head_x(242)	983	1481	1526	1347	1481	1563	1111
head_x(243)	987		1525	1346		1567	1107
head_x(244)	995		1528	1346		1571	1102
head_x(245)	997		1531	1346		1575	1098
head_x(246)	1003		1532	1350		1579	1095
head_x(247)	1007		1535	1350		1583	1090
head_x(248)	1011		1535	1348		1587	1086
head_x(249)	1016		1536	1347		1589	1084
head_x(250)	1019		1538	1354		1593	1082
head_x(251)	1023		1537	1351		1597	1080
head_x(252)	1025		1538	1349		1599	1080
head_x(253)	1030		1538	1346		1602	1079
head_x(254)	1035		1537	1344		1605	1075
head_x(255)	1041		1535	1343		1609	1087
head_x(256)	1043		1535	1343		1612	1093
head_x(257)	1049	1455	1533	1346	1465	1615	1091
head_x(258)	1051	1455	1530	1345	1463	1618	1076

head_x(259)	1057	1450	1529	1349	1461	1623	1068
head_x(260)	1061	1450	1528	1346	1459	1627	1062
head_x(261)	1064	1446	1522	1344	1457	1631	1058
head_x(262)	1067	1442	1518	1345	1454	1633	1054
head_x(263)	1071	1440	1514	1350	1450	1638	1050
head_x(264)	1073	1438	1514	1354	1453	1641	1048
head_x(265)	1077	1437	1511	1359	1446	1645	1044
head_x(266)	1079	1434	1510	1363	1446	1647	1040
head_x(267)	1078	1430	1510	1367	1445	1645	1037
head_x(268)	1079	1428	1510	1371	1444	1645	1032
head_x(269)	1081	1424	1509	1369	1439	1646	1028
head_x(270)	1082	1424	1508	1370	1434	1646	1024
head_x(271)	1083	1422	1505	1372	1434	1648	1022
head_x(272)	1083	1420	1500	1381	1427	1649	1018
head_x(273)	1082	1420	1495	1383	1424	1652	1016
head_x(274)	1084	1418	1488	1385	1420	1657	1020
head_x(275)	1087	1416	1482	1391	1416	1659	1025
head_x(276)	1089	1414	1476	1394	1414	1665	1020
head_x(277)	1091	1413	1473	1399	1410	1667	1028
head_x(278)	1093	1410	1472	1400	1410	1670	1043
head_x(279)	1093	1408	1504	1405	1409	1673	1044
head_x(280)	1093	1406	1507	1409	1407	1673	1045
head_x(281)	1091	1404	1506	1412	1406	1676	1044
head_x(282)	1085	1401	1504	1417	1402	1679	1036
head_x(283)	1082	1398	1502	1419	1396	1681	1038
head_x(284)	1085	1397	1502	1425	1396	1684	1040
head_x(285)	1086	1394	1530	1429	1393	1686	1040
head_x(286)	1087	1390	1535	1433	1389	1691	1043
head_x(287)	1086	1388	1538	1437	1386	1693	1043
head_x(288)	1088	1387	1543	1441	1382	1694	1044
head_x(289)	1088	1382	1547	1445	1380	1695	1044
head_x(290)	1087	1380	1551	1449	1378	1692	1044
head_x(291)	1086	1376	1553	1453	1374	1693	1045
head_x(292)	1084	1372	1553	1458	1370	1694	1045
head_x(293)	1085	1370	1557	1463	1370	1695	1045
head_x(294)	1079	1366	1561	1467	1364	1693	1043
head_x(295)	1075	1362	1565	1471	1360	1690	1041
head_x(296)	1074	1360	1569	1475	1361	1685	1041
head_x(297)	1066	1360	1572	1480	1362	1685	1039
head_x(298)	1062	1356	1579	1484	1360	1680	1041
head_x(299)	1056	1351	1583	1489	1357	1678	1038
head_x(300)	1053	1351	1586	1493	1357	1677	1038
head_x(301)	1049	1347	1592	1497	1354	1677	1036
head_x(302)	1044	1344	1591	1501	1348	1676	1035
head_x(303)	1042	1340	1556	1505	1340	1674	1035
head_x(304)	1041	1340	1556	1505	1338	1675	1031
head_x(305)	1040	1336	1559	1508	1344	1673	1035
head_x(306)	1038	1334	1542	1511	1346	1674	1028
head_x(307)	1034	1332	1536	1517	1342	1671	1020
head_x(308)	1030	1328	1532	1520	1340	1670	1014

head_x(309)	1028	1326	1528	1525	1344	1668	1009
head_x(310)	1024	1324	1522	1527	1358	1667	1008
head_x(311)	1020	1322	1520	1531	1361	1662	1014
head_x(312)	1018	1318	1516	1532	1356	1664	1029
head_x(313)	1014	1316	1512	1533	1355	1663	1024
head_x(314)	1010	1314	1506	1534	1352	1661	1019
head_x(315)	1004	1310	1500	1537	1354	1660	1016
head_x(316)	1002	1308	1496	1543	1356	1658	1016
head_x(317)	996	1305	1490	1548	1372	1660	1037
head_x(318)	994	1301	1484	1551	1377	1661	1045
head_x(319)	989	1299	1478	1553	1383	1662	1052
head_x(320)	987	1295	1476	1554	1386	1664	1058
head_x(321)	984	1292	1470	1554	1390	1663	1061
head_x(322)	982	1291	1466	1555	1393	1663	1065
head_x(323)	978	1288	1458	1553	1397	1661	1069
head_x(324)	974	1286	1452	1549	1399	1660	1071
head_x(325)	972	1284	1450	1548	1401	1657	1075
head_x(326)	966	1282	1443	1549	1403	1658	1077
head_x(327)	963	1280	1440	1548	1406	1658	1069
head_x(328)	956	1278	1432	1543	1408	1659	1048
head_x(329)	954	1276	1426	1540	1413	1663	1043
head_x(330)	950	1271	1420	1536	1417	1664	1038
head_x(331)	954	1269	1414	1537	1419	1666	1040
head_x(332)	955	1265	1409	1532	1424	1666	1043
head_x(333)	954	1262	1404	1529	1427	1666	1046
head_x(334)	957	1260	1396	1525	1431	1665	1044
head_x(335)	972	1256	1394	1521	1434	1662	1036
head_x(336)	958	1256	1387	1515	1437	1660	1032
head_x(337)	965	1254	1384	1510	1439	1656	1029
head_x(338)	967	1250	1378	1504	1441	1655	1028
head_x(339)	974	1248	1372	1498	1439	1652	1024
head_x(340)	979	1250	1368	1492	1442	1650	1023
head_x(341)	985	1246	1362	1486	1445	1648	1022
head_x(342)	992	1242	1360	1480	1449	1652	1021
head_x(343)	999	1240	1358	1476	1449	1654	1021
head_x(344)	1001	1240	1358	1470	1455	1649	1019
head_x(345)	1009	1242	1354	1464	1455	1646	1019
head_x(346)	1013	1239	1350	1458	1459	1644	1021
head_x(347)	1017	1236	1346	1454	1459	1642	1021
head_x(348)	1021	1236	1373	1450	1464	1644	1020
head_x(349)	1025	1232	1373	1445	1465	1647	1019
head_x(350)	1027	1230	1374	1438	1466	1646	1017
head_x(351)	1031	1229	1377	1432	1466	1648	1016
head_x(352)	1033	1226	1379	1428	1468	1655	1015
head_x(353)	1035	1222	1381	1424	1469	1660	1016
head_x(354)	1037	1220	1381	1420	1468	1663	1018
head_x(355)	1034	1221	1381	1414	1469	1663	1020
head_x(356)	1033	1220	1381	1413	1468	1662	1020
head_x(357)	1033	1219	1380	1409	1470	1658	1025
head_x(358)	1030	1218	1379	1408	1470	1655	1027

head_x(359)	1027	1215	1379	1400	1474	1647	1029
head_y(0)	1376	1348	1077	1012	931	887	851
head_y(1)	1375	1351	1073	1010	933	890	853
head_y(2)	1377	1355	1071	1002	937	895	855
head_y(3)	1381	1359	1070	1001	940	896	857
head_y(4)	1384	1363	1070	1000	944	899	861
head_y(5)	1389	1367	1073	1000	947	903	863
head_y(6)	1391	1371	1071	998	951	907	867
head_y(7)	1393	1375	1070	996	955	909	869
head_y(8)	1393	1381	1067	990	957	909	870
head_y(9)	1395	1383	1070	988	961	910	873
head_y(10)	1396	1387	1075	986	964	912	875
head_y(11)	1401	1391	1073	982	967	913	878
head_y(12)	1403	1397	1067	980	969	914	881
head_y(13)	1389	1401	1077	980	973	916	883
head_y(14)	1380	1405	1087	978	975	918	885
head_y(15)	1376	1411	1090	972	977	917	889
head_y(16)	1368	1415	1097	970	977	914	893
head_y(17)	1364	1419	1097	970	979	909	895
head_y(18)	1360	1421	1091	991	976	904	899
head_y(19)	1356	1427	1097	999	978	901	901
head_y(20)	1354	1429	1101	1005	977	898	903
head_y(21)	1355	1433	1101	1013	975	894	905
head_y(22)	1353	1437	1108	1016	971	898	910
head_y(23)	1353	1439	1113	1022	969	897	913
head_y(24)	1351	1443	1119	1029	965	893	917
head_y(25)	1349	1447	1127	1033	962	892	921
head_y(26)	1346	1447	1131	1037	959	892	925
head_y(27)	1346	1447	1131	1037	959	892	925
head_y(28)	1340	1447	1139	1045	959	892	927
head_y(29)	1340	1443	1145	1047	962	909	932
head_y(30)	1334	1447	1154	1051	959	915	936
head_y(31)	1339	1448	1161	1055	957	919	941
head_y(32)	1340	1449	1164	1059	957	922	943
head_y(33)	1341	1453	1171	1062	953	924	945
head_y(34)	1343	1455	1179	1065	950	929	941
head_y(35)	1343	1452	1183	1065	952	930	941
head_y(36)	1343	1455	1189	1071	964	935	937
head_y(37)	1342	1460	1193	1075	971	939	929
head_y(38)	1339	1462	1198	1079	974	945	931
head_y(39)	1337	1465	1199	1083	977	949	933
head_y(40)	1332	1469	1200	1087	979	953	932
head_y(41)	1327	1467	1203	1091	981	956	928
head_y(42)	1324	1460	1207	1095	982	960	924
head_y(43)	1316	1457	1207	1096	985	965	923
head_y(44)	1314	1432	1207	1101	986	969	921
head_y(45)	1309	1433	1204	1101	987	971	920
head_y(46)	1305	1432	1207	1103	989	975	921
head_y(47)	1300	1432	1204	1105	991	977	920
head_y(48)	1296	1432	1205	1109	993	979	906

head_y(49)	1292	1432	1204	1113	993	982	899
head_y(50)	1288	1432	1206	1115	995	985	894
head_y(51)	1284	1432	1206	1117	994	989	889
head_y(52)	1280	1432	1209	1121	999	990	888
head_y(53)	1276	1432	1206	1125	997	992	886
head_y(54)	1272	1434	1205	1125	999	991	892
head_y(55)	1266	1422	1205	1122	999	991	904
head_y(56)	1262	1419	1210	1119	1001	992	906
head_y(57)	1256	1414	1214	1116	1003	992	911
head_y(58)	1254	1410	1217	1117	1003	997	911
head_y(59)	1248	1406	1219	1116	1003	1001	912
head_y(60)	1246	1403	1222	1118	1005	1004	915
head_y(61)	1240	1398	1225	1120	1003	1008	916
head_y(62)	1233	1394	1229	1125	1003	1013	917
head_y(63)	1230	1390	1231	1127	1003	1013	921
head_y(64)	1227	1386	1234	1127	1008	1018	920
head_y(65)	1222	1382	1236	1128	999	1023	924
head_y(66)	1218	1378	1238	1131	988	1024	925
head_y(67)	1214	1374	1239	1128	984	1026	927
head_y(68)	1210	1368	1242	1128	978	1029	929
head_y(69)	1205	1366	1241	1126	974	1035	931
head_y(70)	1204	1362	1247	1126	980	1039	930
head_y(71)	1202	1358	1253	1122	987	1041	931
head_y(72)	1200	1356	1255	1114	1001	1045	935
head_y(73)	1196	1356	1256	1108	1003	1048	937
head_y(74)	1191	1352	1256	1102	1007	1053	932
head_y(75)	1189	1352	1257	1094	1005	1057	940
head_y(76)	1182	1352	1258	1090	1006	1061	947
head_y(77)	1179	1352	1259	1084	1006	1063	949
head_y(78)	1172	1352	1262	1078	1005	1063	953
head_y(79)	1170	1352	1266	1074	1007	1067	956
head_y(80)	1164	1355	1269	1070	1005	1066	960
head_y(81)	1162	1356	1273	1064	1006	1067	963
head_y(82)	1156	1358	1276	1061	1005	1070	969
head_y(83)	1152	1361	1277	1054	1005	1067	971
head_y(84)	1147	1362	1278	1052	1004	1064	977
head_y(85)	1144	1363	1280	1046	1006	1059	983
head_y(86)	1138	1366	1284	1044	1005	1052	985
head_y(87)	1138	1368	1288	1040	1007	1047	991
head_y(88)	1137	1373	1291	1036	1006	1042	993
head_y(89)	1134	1375	1294	1032	1004	1037	989
head_y(90)	1133	1377	1297	1028	1004	1032	989
head_y(91)	1129	1377	1299	1024	1005	1027	971
head_y(92)	1129	1385	1298	1020	1000	1022	965
head_y(93)	1127	1387	1299	1014	1000	1018	962
head_y(94)	1118	1393	1302	1010	998	1016	964
head_y(95)	1114	1395	1308	1004			961
head_y(96)	1116	1399	1313	1001			958
head_y(97)	1116	1401	1317	996			972
head_y(98)	1114	1405	1321	991			969

head_y(99)	1116	1407	1327	986			974
head_y(100)	1134	1411	1327	982			981
head_y(101)	1134	1415	1332	978			985
head_y(102)	1134	1420	1337	974			988
head_y(103)	1144	1425	1338	970	973	1005	992
head_y(104)	1143	1429	1339	966	968	1007	986
head_y(105)	1130	1435	1335	962	964	1009	971
head_y(106)	1128	1437	1336	958	962	1009	966
head_y(107)	1130	1441	1338	952	958	1013	963
head_y(108)	1127	1447	1353	946	954	1012	962
head_y(109)	1129	1453	1353	942	950	1015	959
head_y(110)	1129	1455	1351	938	946	1002	959
head_y(111)	1126	1459	1328	933	942	997	959
head_y(112)	1123	1459	1332	928	940	988	958
head_y(113)	1121	1465	1331	924	937	984	958
head_y(114)	1122	1467	1328	922	934	981	957
head_y(115)	1123	1475	1324	921	931	974	955
head_y(116)	1120	1477	1320	922	926	968	955
head_y(117)	1120	1458	1315	921	922	966	954
head_y(118)	1118	1458	1310	921	920	960	954
head_y(119)	1118	1458	1306	919	919	958	955
head_y(120)	1117	1461	1300	916	912	955	955
head_y(121)	1116	1459	1294	912	910	951	953
head_y(122)	1116	1432	1288	910	906	948	950
head_y(123)	1113	1432	1285	912	902	944	954
head_y(124)	1115	1432	1278	916	900	941	971
head_y(125)	1113	1433	1274	917	896	936	979
head_y(126)	1112	1416	1268	918	892	938	983
head_y(127)	1115	1412	1262	920	890	940	981
head_y(128)	1119	1406	1256	917	884	942	980
head_y(129)	1118	1402	1252	914	880	954	963
head_y(130)	1122	1400	1248	915	878	958	963
head_y(131)	1123	1396	1240	915	875	962	960
head_y(132)	1123	1394	1234	916	873	971	959
head_y(133)	1123	1390	1230	920	869	977	956
head_y(134)	1123	1388	1222	923	868	983	950
head_y(135)	1126	1386	1218	924	864	989	948
head_y(136)	1127	1382	1214	923	860	995	946
head_y(137)	1129	1380	1208	924	856	999	940
head_y(138)	1130	1376	1203	929	854	1003	937
head_y(139)	1132	1372	1197	937	852	1007	934
head_y(140)	1132	1370	1190	941	850	1011	930
head_y(141)	1137	1366	1184	943	850	1017	930
head_y(142)	1139	1364	1178	947	849	1019	924
head_y(143)	1140	1362	1170	950	850	1023	922
head_y(144)	1143	1362	1166	953	850	1029	916
head_y(145)	1142	1364	1160	951	849	1033	916
head_y(146)	1142	1361	1154	952	850	1037	916
head_y(147)	1143	1361	1150	950	851	1041	936
head_y(148)	1145	1358	1143	952	848	1045	943

head_y(149)	1149	1360	1138	951	848	1049	949
head_y(150)	1151	1355	1132	955	846	1053	955
head_y(151)	1159	1354	1126	961	846	1055	961
head_y(152)	1160	1354	1120	956	846	1054	965
head_y(153)	1165	1350	1112	954	845	1056	971
head_y(154)	1167	1349	1109	953	846	1054	975
head_y(155)	1171	1348	1102	951	848	1053	981
head_y(156)	1175	1344	1098	950	852	1050	985
head_y(157)	1181	1342	1092	948	853	1047	991
head_y(158)	1183	1338	1090	947	855	1043	995
head_y(159)	1183	1337	1082	944	857	1039	999
head_y(160)	1187	1328	1078	942	859	1034	1005
head_y(161)	1191	1324	1074	943	865	1030	1010
head_y(162)	1195	1320	1070	945	865	1025	1015
head_y(163)	1195	1316	1069	944	865	1026	1021
head_y(164)	1203	1314	1062	945	871	1022	1027
head_y(165)	1207	1310	1060	943	875	1021	1031
head_y(166)	1210	1306	1054	942	877	1020	1037
head_y(167)	1213	1304	1048	946	883	1019	1041
head_y(168)	1215	1300	1044	948	885	1016	1047
head_y(169)	1216	1298	1036	955	891	1013	1051
head_y(170)	1214	1294	1032	963	893	1008	1055
head_y(171)	1216	1290	1026	967	897	1006	1061
head_y(172)	1218	1288	1020	973	903	1000	1065
head_y(173)	1221	1284	1014	977	905	994	1073
head_y(174)	1226	1280	1008	983	911	990	1075
head_y(175)	1227	1278	1002	986	913	984	1081
head_y(176)	1231	1274	996	993	919	976	1087
head_y(177)	1232	1270	992	997	921	974	1091
head_y(178)	1223	1268	986	1003	925	972	1097
head_y(179)	1227	1264	982	1007	927		1101
head_y(180)	1220	1260	976	1013	931		1107
head_y(181)	1212	1256	972	1015	931		1111
head_y(182)	1207	1252	966	1021	927		1115
head_y(183)	1201	1251	964	1023	922		1122
head_y(184)	1194	1246	958	1026	922		1126
head_y(185)	1190	1242	954	1029	923		1132
head_y(186)	1182	1240	950	1031	912		1136
head_y(187)	1180	1237	948	1035	913		1141
head_y(188)	1172	1232	941	1035	915		1144
head_y(189)	1166	1230	936	1018	917		1149
head_y(190)	1162	1226	930	1012	917		1154
head_y(191)	1158	1223	924	1004	922	991	1159
head_y(192)	1154	1221	920	1002	929	991	1163
head_y(193)	1152	1215	916	996	937	991	1165
head_y(194)	1148	1212	912	990	943	991	1167
head_y(195)	1144	1210	908	986	949	989	1173
head_y(196)	1141	1206	906	982	952	989	1174
head_y(197)	1140	1204	906	977	957	993	1177
head_y(198)	1134	1200	905	972	959	993	1181

head_y(199)	1131	1196	902	966	963	993	1185
head_y(200)	1124	1195	897	963	967	992	1189
head_y(201)	1121	1192	894	956	971	1004	1193
head_y(202)	1119	1186	893	952	973	1010	1197
head_y(203)	1114	1186	890	946	977	1015	1201
head_y(204)	1110	1185	889	942	981	1018	1204
head_y(205)	1104	1178	888	936	983	1025	1207
head_y(206)	1100	1177	885	932	989	1029	1212
head_y(207)	1096	1172	887	928	991	1033	1215
head_y(208)	1092	1168	886	924	995	1035	1217
head_y(209)	1092	1166	885	922	997	1039	1219
head_y(210)	1091	1160	885	921	1001	1043	1220
head_y(211)	1091	1156	886	918	1005	1047	1224
head_y(212)	1093	1154	884	914	1007	1053	1229
head_y(213)	1093	1148	889	912	1011	1057	1231
head_y(214)	1093	1144	891	922	1013	1059	1233
head_y(215)	1093	1142	894	926	1017	1064	1235
head_y(216)	1094	1136	898	934	1021	1067	1240
head_y(217)	1091	1132	900	933	1022	1072	1243
head_y(218)	1090	1128	905	935	1025	1075	1245
head_y(219)	1090	1126	907	937	1027	1077	1247
head_y(220)	1090	1124	909	934	1029	1081	1249
head_y(221)	1091	1120	909	934	1033	1083	1251
head_y(222)	1094	1118	910	934	1037	1084	1254
head_y(223)	1092	1116	914	936	1041	1087	1256
head_y(224)	1097	1111	918	938	1043	1089	1259
head_y(225)	1103	1108	923	943	1047	1092	1260
head_y(226)	1105	1106	927	949	1051	1094	1258
head_y(227)	1113	1102	935	949	1057	1097	1256
head_y(228)	1114	1100	940	951	1059	1099	1256
head_y(229)	1115	1098	944	953	1063	1102	1258
head_y(230)	1108	1094	949	953	1069	1103	1255
head_y(231)	1108	1090	951	957	1071	1106	1256
head_y(232)	1107	1088	957	957	1074	1109	1255
head_y(233)	1109	1096	961	960	1077	1110	1256
head_y(234)	1117	1106	967	964	1081	1113	1257
head_y(235)	1119	1112	971	967	1084	1116	1256
head_y(236)	1125	1119	977	971	1087	1119	1254
head_y(237)	1128	1121	979	971	1091	1119	1255
head_y(238)	1131	1129	985		1093	1120	1251
head_y(239)	1135	1124	989		1097	1120	1249
head_y(240)	1137	1121	997		1101	1121	1247
head_y(241)	1137	1119	1003	950	1105	1122	1242
head_y(242)	1139	1121	1011	952	1107	1121	1240
head_y(243)	1139		1017	952		1122	1236
head_y(244)	1140		1022	952		1121	1232
head_y(245)	1140		1025	952		1120	1231
head_y(246)	1137		1033	949		1120	1224
head_y(247)	1135		1039	948		1122	1222
head_y(248)	1135		1043	949		1122	1218

head_y(249)	1133		1051	952		1124	1210
head_y(250)	1130		1055	926		1124	1206
head_y(251)	1126		1063	920		1125	1202
head_y(252)	1123		1071	916		1119	1198
head_y(253)	1120		1075	911		1115	1194
head_y(254)	1120		1083	906		1109	1192
head_y(255)	1118		1089	902		1107	1193
head_y(256)	1118		1095	898		1106	1190
head_y(257)	1115	1141	1103	894	1163	1103	1190
head_y(258)	1112	1141	1105	890	1165	1100	1208
head_y(259)	1112	1140	1113	884	1169	1097	1205
head_y(260)	1111	1143	1119	882	1173	1095	1203
head_y(261)	1106	1141	1123	876	1173	1091	1199
head_y(262)	1105	1144	1129	872	1177	1089	1197
head_y(263)	1098	1144	1135	866	1179	1086	1195
head_y(264)	1098	1142	1140	864	1183	1085	1194
head_y(265)	1094	1145	1147	860	1185	1081	1190
head_y(266)	1090	1146	1153	858	1190	1076	1187
head_y(267)	1082	1143	1157	854	1193	1073	1186
head_y(268)	1078	1144	1165	852	1197	1068	1185
head_y(269)	1074	1147	1173	846	1201	1062	1182
head_y(270)	1070	1146	1179	842	1203	1058	1179
head_y(271)	1066	1150	1186	838	1205	1054	1177
head_y(272)	1060	1148	1193	838	1205	1048	1174
head_y(273)	1056	1151	1197	834	1206	1042	1172
head_y(274)	1052	1150	1200	832	1206	1041	1179
head_y(275)	1050	1153	1202	830	1210	1040	1187
head_y(276)	1046	1157	1204	828	1214	1036	1181
head_y(277)	1042	1157	1213	824	1217	1034	1179
head_y(278)	1036	1159	1202	820	1222	1032	1170
head_y(279)	1034	1163	1188	819	1225	1026	1164
head_y(280)	1028	1163	1193	817	1229	1023	1162
head_y(281)	1024	1162	1190	812	1231	1018	1164
head_y(282)	1018	1160	1186	810	1236	1014	1168
head_y(283)	1014	1161	1185	806	1239	1011	1174
head_y(284)	1012	1165	1185	807	1242	1008	1200
head_y(285)	1006	1163	1178	806	1247	1006	1209
head_y(286)	1002	1165	1174	805	1249	1002	1217
head_y(287)	998	1167	1172	805	1253	1000	1223
head_y(288)	994	1166	1167	803	1254	996	1229
head_y(289)	990	1167	1163	799	1261	992	1233
head_y(290)	984	1169	1158	797	1264	988	1237
head_y(291)	982	1168	1153	796	1267	984	1243
head_y(292)	976	1167	1150	795	1270	982	1245
head_y(293)	974	1167	1144	795	1273	979	1250
head_y(294)	972	1171	1140	797	1274	972	1253
head_y(295)	968	1172	1138	797	1277	970	1258
head_y(296)	966	1172	1137	800	1283	964	1263
head_y(297)	965	1173	1134	804	1289	960	1265
head_y(298)	965	1175	1134	803	1293	954	1271

head_y(299)	961	1175	1128	810	1295	950	1274
head_y(300)	961	1172	1122	809	1299	944	1279
head_y(301)	958	1174	1118	813	1299	940	1281
head_y(302)	956	1175	1125	816	1298	936	1287
head_y(303)	951	1178	1137	821	1295	930	1289
head_y(304)	946	1178	1138	827	1298	927	1295
head_y(305)	944	1180	1141	831	1294	922	1293
head_y(306)	940	1182	1129	835	1280	918	1285
head_y(307)	936	1182	1128	835	1278	914	1282
head_y(308)	935	1182	1133	839	1276	912	1282
head_y(309)	931	1186	1134	841	1276	906	1282
head_y(310)	928	1184	1133	844	1295	902	1281
head_y(311)	926	1187	1133	847	1298	899	1273
head_y(312)	923	1190	1134	851	1303	894	1288
head_y(313)	922	1189	1135	855	1299	888	1295
head_y(314)	921	1189	1138	859	1286	884	1297
head_y(315)	918	1192	1139	863	1284	880	1300
head_y(316)	918	1190	1142	866	1284	877	1299
head_y(317)	915	1192	1138	869	1266	871	1284
head_y(318)	911	1195	1141	871	1263	866	1289
head_y(319)	908	1194	1140	879	1263	862	1290
head_y(320)	906	1195	1139	883	1260	860	1293
head_y(321)	900	1196	1138	889	1260	854	1293
head_y(322)	898	1196	1137	895	1259	850	1294
head_y(323)	895	1198	1138	901	1257	847	1300
head_y(324)	895	1201	1138	907	1258	842	1302
head_y(325)	890	1202	1139	911	1256	838	1306
head_y(326)	889	1207	1142	915	1253	832	1307
head_y(327)	888	1207	1142	921	1253	829	1304
head_y(328)	888	1208	1144	925	1250	826	1311
head_y(329)	889	1215	1144	929	1249	820	1317
head_y(330)	886	1211	1145	933	1246	816	1319
head_y(331)	878	1213	1142	937	1244	810	1319
head_y(332)	872	1217	1139	940	1242	806	1317
head_y(333)	872	1216	1138	947	1242	802	1311
head_y(334)	876	1217	1139	951	1238	799	1303
head_y(335)	880	1221	1139	952	1236	794	1284
head_y(336)	881	1221	1137	955	1233	790	1280
head_y(337)	901	1220	1137	954	1230	785	1272
head_y(338)	907	1227	1132	952	1226	778	1266
head_y(339)	911	1229	1128	952	1220	773	1264
head_y(340)	915	1229	1124	950	1216	767	1256
head_y(341)	917	1226	1120	947	1212	761	1252
head_y(342)	917	1226	1117	947	1211	754	1246
head_y(343)	915	1229	1112	942	1206	750	1241
head_y(344)	915	1231	1106	941	1204	746	1236
head_y(345)	912	1235	1102	941	1198	741	1231
head_y(346)	911	1239	1098	941	1196	735	1226
head_y(347)	907	1240	1101	943	1192	729	1220
head_y(348)	909	1243	1130	943	1188	722	1216

head_y(349)	905	1247	1129	945	1183	716	1210
head_y(350)	903	1248	1131	944	1178	712	1206
head_y(351)	900	1253	1134	945	1174	714	1200
head_y(352)	895	1255	1136	941	1170	721	1196
head_y(353)	895	1256	1135	939	1164	720	1190
head_y(354)	890	1261	1132	936	1160	719	1186
head_y(355)	884	1263	1130	933	1156	724	1180
head_y(356)	881	1267	1128	928	1151	720	1178
head_y(357)	876	1271	1128	922	1146	720	1172
head_y(358)	872	1271	1128	918	1144	721	1168
head_y(359)	868	1277	1130	916	1138	718	1163
spinepoint_1_x(0)	1183	1434	1697	1178	1615	1226	1371
spinepoint_1_x(1)	1180	1432	1703	1181	1619	1228	1372
spinepoint_1_x(2)	1173	1431	1708	1186	1620	1232	1373
spinepoint_1_x(3)	1171	1429	1713	1186	1620	1237	1373
spinepoint_1_x(4)	1165	1430	1719	1188	1621	1240	1374
spinepoint_1_x(5)	1162	1430	1726	1194	1620	1246	1375
spinepoint_1_x(6)	1161	1430	1732	1196	1621	1247	1375
spinepoint_1_x(7)	1154	1430	1735	1201	1620	1249	1376
spinepoint_1_x(8)	1151	1428	1740	1203	1621	1252	1376
spinepoint_1_x(9)	1145	1426	1747	1206	1620	1254	1376
spinepoint_1_x(10)	1140	1426	1751	1210	1619	1260	1376
spinepoint_1_x(11)	1134	1426	1754	1214	1617	1263	1376
spinepoint_1_x(12)	1135	1428	1753	1217	1614	1267	1375
spinepoint_1_x(13)	1135	1430	1754	1224	1613	1273	1374
spinepoint_1_x(14)	1134	1430	1754	1225	1610	1276	1373
spinepoint_1_x(15)	1132	1430	1756	1232	1606	1281	1373
spinepoint_1_x(16)	1130	1430	1757	1229	1603	1283	1374
spinepoint_1_x(17)	1133	1428	1757	1231	1603	1286	1374
spinepoint_1_x(18)	1137	1429	1758	1229	1599	1289	1376
spinepoint_1_x(19)	1140	1429	1764	1231	1596	1296	1378
spinepoint_1_x(20)	1147	1430	1767	1232	1594	1297	1378
spinepoint_1_x(21)	1151	1431	1760	1232	1590	1301	1379
spinepoint_1_x(22)	1154	1430	1756	1232	1583	1302	1380
spinepoint_1_x(23)	1159	1428	1754	1234	1581	1302	1382
spinepoint_1_x(24)	1164	1426	1751	1233	1576	1304	1382
spinepoint_1_x(25)	1168	1425	1746	1232	1573	1303	1383
spinepoint_1_x(26)	1174	1426	1741	1232	1573	1299	1385
spinepoint_1_x(27)	1174	1426	1741	1232	1573	1299	1385
spinepoint_1_x(28)	1179	1430	1737	1229	1569	1298	1386
spinepoint_1_x(29)	1182	1431	1733	1230	1566	1300	1387
spinepoint_1_x(30)	1184	1435	1730	1228	1563	1295	1387
spinepoint_1_x(31)	1185	1438	1728	1228	1558	1291	1388
spinepoint_1_x(32)	1191	1442	1722	1226	1555	1286	1387
spinepoint_1_x(33)	1197	1445	1718	1224	1552	1280	1387
spinepoint_1_x(34)	1198	1441	1714	1221	1552	1275	1386
spinepoint_1_x(35)	1205	1438	1711	1220	1554	1272	1386
spinepoint_1_x(36)	1208	1432	1707	1217	1554	1267	1388
spinepoint_1_x(37)	1211	1429	1701	1214	1553	1266	1392
spinepoint_1_x(38)	1218	1428	1697	1212	1551	1265	1398

spinepoint_1_x(39)	1219	1425	1693	1212	1546	1264	1398
spinepoint_1_x(40)	1218	1424	1686	1210	1543	1264	1395
spinepoint_1_x(41)	1224	1424	1682	1208	1540	1266	1388
spinepoint_1_x(42)	1228	1421	1675	1204	1540	1266	1380
spinepoint_1_x(43)	1233	1420	1674	1201	1536	1268	1373
spinepoint_1_x(44)	1234	1430	1666	1199	1532	1268	1368
spinepoint_1_x(45)	1237	1430	1661	1197	1528	1268	1364
spinepoint_1_x(46)	1240	1430	1656	1192	1527	1270	1362
spinepoint_1_x(47)	1242	1431	1652	1190	1524	1271	1366
spinepoint_1_x(48)	1243	1433	1647	1185	1519	1274	1371
spinepoint_1_x(49)	1246	1435	1640	1183	1515	1277	1370
spinepoint_1_x(50)	1248	1433	1638	1181	1511	1279	1373
spinepoint_1_x(51)	1250	1435	1628	1176	1507	1283	1375
spinepoint_1_x(52)	1253	1433	1625	1172	1505	1285	1378
spinepoint_1_x(53)	1252	1432	1619	1168	1502	1286	1380
spinepoint_1_x(54)	1252	1433	1613	1166	1498	1289	1376
spinepoint_1_x(55)	1252	1446	1608	1162	1495	1293	1369
spinepoint_1_x(56)	1254	1446	1604	1156	1488	1295	1363
spinepoint_1_x(57)	1254	1446	1598	1150	1486	1300	1357
spinepoint_1_x(58)	1255	1446	1595	1144	1479	1304	1356
spinepoint_1_x(59)	1257	1446	1590	1140	1479	1307	1352
spinepoint_1_x(60)	1258	1446	1586	1137	1474	1308	1349
spinepoint_1_x(61)	1261	1446	1580	1133	1469	1310	1346
spinepoint_1_x(62)	1262	1446	1575	1128	1466	1314	1345
spinepoint_1_x(63)	1262	1444	1570	1125	1465	1317	1343
spinepoint_1_x(64)	1262	1442	1566	1117	1468	1319	1337
spinepoint_1_x(65)	1260	1442	1562	1114	1471	1322	1334
spinepoint_1_x(66)	1262	1442	1556	1110	1477	1325	1333
spinepoint_1_x(67)	1263	1440	1551	1102	1478	1330	1329
spinepoint_1_x(68)	1264	1441	1544	1098	1480	1332	1326
spinepoint_1_x(69)	1264	1440	1539	1093	1479	1334	1322
spinepoint_1_x(70)	1267	1438	1535	1089	1480	1334	1317
spinepoint_1_x(71)	1273	1438	1532	1082	1476	1333	1315
spinepoint_1_x(72)	1273	1438	1526	1077	1477	1334	1312
spinepoint_1_x(73)	1277	1436	1522	1073	1475	1336	1309
spinepoint_1_x(74)	1280	1431	1517	1072	1473	1340	1310
spinepoint_1_x(75)	1282	1429	1511	1071	1468	1342	1312
spinepoint_1_x(76)	1284	1428	1504	1068	1467	1346	1314
spinepoint_1_x(77)	1285	1426	1498	1066	1463	1349	1315
spinepoint_1_x(78)	1286	1418	1492	1063	1459	1355	1312
spinepoint_1_x(79)	1288	1418	1486	1060	1452	1360	1309
spinepoint_1_x(80)	1290	1415	1481	1059	1452	1366	1309
spinepoint_1_x(81)	1292	1414	1475	1059	1445	1372	1307
spinepoint_1_x(82)	1294	1410	1468	1057	1442	1379	1305
spinepoint_1_x(83)	1297	1404	1461	1058	1437	1379	1305
spinepoint_1_x(84)	1299	1401	1452	1058	1436	1386	1304
spinepoint_1_x(85)	1300	1399	1445	1058	1433	1389	1302
spinepoint_1_x(86)	1302	1396	1440	1057	1429	1395	1302
spinepoint_1_x(87)	1306	1392	1434	1054	1428	1399	1301
spinepoint_1_x(88)	1309	1387	1429	1054	1423	1401	1300

spinepoint_1_x(89)	1312	1384	1421	1050	1419	1403	1302
spinepoint_1_x(90)	1314	1382	1411	1049	1415	1405	1302
spinepoint_1_x(91)	1319	1379	1410	1046	1412	1407	1297
spinepoint_1_x(92)	1323	1375	1402	1046	1407	1408	1293
spinepoint_1_x(93)	1328	1373	1397	1046	1406	1411	1287
spinepoint_1_x(94)	1326	1371	1392	1044	1401	1411	1284
spinepoint_1_x(95)	1324	1368	1384	1044			1281
spinepoint_1_x(96)	1322	1367	1380	1044			1284
spinepoint_1_x(97)	1321	1364	1378	1044			1283
spinepoint_1_x(98)	1324	1359	1371	1044			1289
spinepoint_1_x(99)	1323	1357	1366	1044			1298
spinepoint_1_x(100)	1326	1355	1359	1042			1300
spinepoint_1_x(101)	1323	1352	1355	1044			1303
spinepoint_1_x(102)	1318	1350	1349	1048			1308
spinepoint_1_x(103)	1321	1350	1344	1048	1381	1391	1311
spinepoint_1_x(104)	1320	1346	1338	1054	1378	1386	1306
spinepoint_1_x(105)	1311	1345	1332	1055	1375	1382	1300
spinepoint_1_x(106)	1312	1344	1325	1058	1373	1378	1293
spinepoint_1_x(107)	1310	1342	1323	1058	1372	1371	1287
spinepoint_1_x(108)	1304	1342	1325	1060	1369	1372	1282
spinepoint_1_x(109)	1299	1342	1325	1059	1368	1368	1277
spinepoint_1_x(110)	1295	1342	1327	1060	1366	1363	1273
spinepoint_1_x(111)	1288	1344	1325	1062	1366	1364	1268
spinepoint_1_x(112)	1284	1349	1322	1064	1364	1364	1263
spinepoint_1_x(113)	1282	1351	1319	1067	1362	1364	1259
spinepoint_1_x(114)	1277	1354	1312	1070	1361	1363	1254
spinepoint_1_x(115)	1271	1358	1307	1074	1359	1359	1251
spinepoint_1_x(116)	1266	1358	1300	1080	1356	1358	1242
spinepoint_1_x(117)	1261	1361	1293	1083	1354	1357	1240
spinepoint_1_x(118)	1254	1364	1289	1087	1356	1356	1238
spinepoint_1_x(119)	1252	1362	1283	1094	1355	1356	1234
spinepoint_1_x(120)	1245	1359	1277	1098	1354	1355	1225
spinepoint_1_x(121)	1245	1353	1274	1105	1353	1355	1223
spinepoint_1_x(122)	1240	1353	1272	1107	1352	1355	1222
spinepoint_1_x(123)	1236	1353	1269	1112	1352	1354	1227
spinepoint_1_x(124)	1234	1353	1266	1116	1352	1353	1234
spinepoint_1_x(125)	1227	1353	1264	1121	1350	1353	1234
spinepoint_1_x(126)	1224	1342	1262	1129	1350	1352	1234
spinepoint_1_x(127)	1220	1342	1260	1133	1348	1349	1234
spinepoint_1_x(128)	1216	1343	1257	1138	1349	1350	1233
spinepoint_1_x(129)	1213	1344	1256	1141	1349	1359	1245
spinepoint_1_x(130)	1209	1345	1253	1147	1350	1362	1251
spinepoint_1_x(131)	1204	1345	1252	1153	1351	1368	1256
spinepoint_1_x(132)	1202	1346	1252	1159	1352	1373	1263
spinepoint_1_x(133)	1196	1346	1252	1161	1355	1376	1268
spinepoint_1_x(134)	1193	1347	1252	1165	1356	1378	1273
spinepoint_1_x(135)	1191	1350	1250	1169	1358	1379	1279
spinepoint_1_x(136)	1183	1352	1249	1175	1360	1379	1281
spinepoint_1_x(137)	1181	1354	1248	1181	1361	1378	1288
spinepoint_1_x(138)	1176	1356	1246	1183	1362	1377	1291

spinepoint_1_x(139)	1172	1358	1244	1187	1364	1377	1295
spinepoint_1_x(140)	1168	1360	1244	1190	1366	1378	1298
spinepoint_1_x(141)	1165	1363	1244	1193	1371	1377	1304
spinepoint_1_x(142)	1163	1364	1243	1197	1371	1377	1308
spinepoint_1_x(143)	1160	1368	1244	1202	1378	1378	1311
spinepoint_1_x(144)	1154	1373	1244	1204	1379	1379	1315
spinepoint_1_x(145)	1152	1373	1244	1208	1384	1380	1315
spinepoint_1_x(146)	1146	1376	1248	1213	1389	1381	1314
spinepoint_1_x(147)	1141	1381	1250	1218	1392	1384	1313
spinepoint_1_x(148)	1135	1385	1249	1224	1398	1385	1317
spinepoint_1_x(149)	1134	1388	1248	1228	1402	1388	1320
spinepoint_1_x(150)	1131	1391	1248	1234	1405	1390	1324
spinepoint_1_x(151)	1127	1393	1248	1235	1410	1392	1326
spinepoint_1_x(152)	1126	1396	1250	1241	1415	1399	1326
spinepoint_1_x(153)	1123	1401	1250	1244	1416	1400	1330
spinepoint_1_x(154)	1119	1401	1250	1250	1422	1408	1332
spinepoint_1_x(155)	1118	1406	1252	1255	1426	1411	1334
spinepoint_1_x(156)	1114	1408	1253	1261	1430	1418	1335
spinepoint_1_x(157)	1110	1410	1254	1265	1432	1423	1336
spinepoint_1_x(158)	1110	1413	1255	1271	1435	1427	1336
spinepoint_1_x(159)	1107	1417	1256	1273	1438	1432	1337
spinepoint_1_x(160)	1101	1419	1256	1281	1443	1435	1338
spinepoint_1_x(161)	1100	1421	1258	1285	1447	1439	1339
spinepoint_1_x(162)	1099	1422	1263	1289	1451	1441	1340
spinepoint_1_x(163)	1095	1422	1264	1295	1453	1442	1341
spinepoint_1_x(164)	1093	1423	1268	1299	1454	1449	1342
spinepoint_1_x(165)	1092	1423	1272	1305	1459	1449	1342
spinepoint_1_x(166)	1090	1424	1277	1311	1458	1453	1342
spinepoint_1_x(167)	1089	1426	1278	1316	1462	1459	1342
spinepoint_1_x(168)	1087	1428	1278	1319	1462	1464	1342
spinepoint_1_x(169)	1084	1429	1280	1325	1462	1465	1343
spinepoint_1_x(170)	1080	1430	1280	1328	1462	1469	1344
spinepoint_1_x(171)	1075	1428	1280	1330	1462	1471	1344
spinepoint_1_x(172)	1071	1428	1280	1330	1462	1475	1344
spinepoint_1_x(173)	1068	1426	1280	1328	1462	1476	1344
spinepoint_1_x(174)	1063	1428	1280	1327	1462	1476	1344
spinepoint_1_x(175)	1059	1431	1280	1326	1460	1477	1344
spinepoint_1_x(176)	1057	1434	1280	1324	1461	1477	1344
spinepoint_1_x(177)	1053	1435	1280	1324	1462	1478	1343
spinepoint_1_x(178)	1050	1436	1280	1324	1462	1477	1342
spinepoint_1_x(179)	1046	1439	1280	1324	1462		1341
spinepoint_1_x(180)	1049	1441	1280	1324	1462		1340
spinepoint_1_x(181)	1051	1443	1279	1322	1462		1338
spinepoint_1_x(182)	1049	1444	1278	1322	1460		1337
spinepoint_1_x(183)	1047	1445	1280	1320	1463		1336
spinepoint_1_x(184)	1044	1446	1281	1317	1465		1335
spinepoint_1_x(185)	1043	1449	1282	1314	1462		1334
spinepoint_1_x(186)	1041	1450	1285	1312	1456		1332
spinepoint_1_x(187)	1040	1452	1288	1311	1457		1331
spinepoint_1_x(188)	1040	1453	1290	1312	1455		1329

spinepoint_1_x(189)	1042	1454	1292	1307	1454		1327
spinepoint_1_x(190)	1042	1456	1297	1308	1457		1325
spinepoint_1_x(191)	1042	1457	1297	1300	1459	1450	1323
spinepoint_1_x(192)	1040	1459	1298	1300	1460	1450	1318
spinepoint_1_x(193)	1038	1461	1302	1297	1461	1450	1316
spinepoint_1_x(194)	1034	1462	1304	1293	1462	1450	1312
spinepoint_1_x(195)	1031	1463	1307	1291	1463	1450	1309
spinepoint_1_x(196)	1028	1465	1311	1288	1464	1451	1305
spinepoint_1_x(197)	1024	1466	1316	1287	1464	1452	1301
spinepoint_1_x(198)	1023	1466	1320	1284	1464	1451	1297
spinepoint_1_x(199)	1021	1467	1324	1284	1464	1452	1293
spinepoint_1_x(200)	1020	1467	1331	1283	1464	1453	1291
spinepoint_1_x(201)	1020	1468	1334	1282	1464	1467	1287
spinepoint_1_x(202)	1020	1470	1340	1282	1464	1468	1283
spinepoint_1_x(203)	1019	1470	1344	1282	1464	1470	1278
spinepoint_1_x(204)	1018	1472	1347	1284	1464	1471	1275
spinepoint_1_x(205)	1017	1474	1353	1285	1464	1472	1271
spinepoint_1_x(206)	1015	1475	1359	1287	1464	1472	1268
spinepoint_1_x(207)	1012	1476	1368	1288	1464	1474	1265
spinepoint_1_x(208)	1008	1476	1373	1290	1464	1475	1262
spinepoint_1_x(209)	1007	1476	1379	1290	1464	1476	1258
spinepoint_1_x(210)	1001	1476	1387	1295	1464	1480	1253
spinepoint_1_x(211)	998	1476	1391	1296	1464	1480	1249
spinepoint_1_x(212)	993	1476	1396	1294	1464	1482	1243
spinepoint_1_x(213)	989	1476	1401	1292	1466	1482	1242
spinepoint_1_x(214)	986	1476	1407	1290	1466	1483	1239
spinepoint_1_x(215)	983	1475	1414	1290	1466	1485	1236
spinepoint_1_x(216)	976	1474	1418	1294	1466	1486	1233
spinepoint_1_x(217)	972	1474	1424	1298	1466	1488	1229
spinepoint_1_x(218)	966	1475	1430	1304	1464	1488	1224
spinepoint_1_x(219)	965	1474	1436	1311	1464	1488	1222
spinepoint_1_x(220)	960	1474	1441	1314	1464	1488	1216
spinepoint_1_x(221)	954	1476	1444	1319	1464	1488	1213
spinepoint_1_x(222)	955	1476	1448	1324	1465	1490	1209
spinepoint_1_x(223)	948	1477	1455	1326	1466	1492	1203
spinepoint_1_x(224)	947	1480	1462	1332	1466	1495	1200
spinepoint_1_x(225)	946	1480	1468	1332	1468	1497	1195
spinepoint_1_x(226)	943	1478	1471	1335	1470	1500	1193
spinepoint_1_x(227)	938	1476	1475	1336	1470	1503	1190
spinepoint_1_x(228)	939	1476	1478	1340	1472	1504	1185
spinepoint_1_x(229)	939	1476	1484	1346	1472	1508	1180
spinepoint_1_x(230)	937	1478	1488	1345	1472	1511	1175
spinepoint_1_x(231)	935	1479	1492	1351	1473	1514	1170
spinepoint_1_x(232)	941	1480	1498	1354	1474	1518	1162
spinepoint_1_x(233)	949	1476	1502	1357	1475	1522	1158
spinepoint_1_x(234)	948	1470	1506	1360	1479	1525	1155
spinepoint_1_x(235)	949	1466	1508	1362	1479	1528	1151
spinepoint_1_x(236)	954	1462	1514	1364	1480	1530	1144
spinepoint_1_x(237)	956	1461	1516	1364	1482	1534	1140
spinepoint_1_x(238)	959	1458	1520		1482	1540	1136

spinepoint_1_x(239)	963	1460	1525		1482	1540	1132
spinepoint_1_x(240)	966	1477	1529		1482	1547	1129
spinepoint_1_x(241)	970	1475	1531	1355	1482	1549	1123
spinepoint_1_x(242)	974	1473	1530	1353	1482	1554	1120
spinepoint_1_x(243)	977		1528	1353		1559	1116
spinepoint_1_x(244)	985		1528	1353		1562	1110
spinepoint_1_x(245)	987		1530	1352		1569	1105
spinepoint_1_x(246)	993		1532	1355		1571	1101
spinepoint_1_x(247)	997		1533	1354		1574	1098
spinepoint_1_x(248)	1001		1534	1356		1582	1093
spinepoint_1_x(249)	1005		1535	1355		1581	1090
spinepoint_1_x(250)	1012		1535	1357		1588	1089
spinepoint_1_x(251)	1014		1536	1354		1591	1086
spinepoint_1_x(252)	1017		1538	1352		1591	1084
spinepoint_1_x(253)	1021		1538	1350		1597	1084
spinepoint_1_x(254)	1026		1538	1348		1599	1081
spinepoint_1_x(255)	1031		1538	1346		1604	1083
spinepoint_1_x(256)	1036		1537	1345		1606	1088
spinepoint_1_x(257)	1039	1462	1535	1345	1468	1609	1088
spinepoint_1_x(258)	1045	1461	1535	1346	1468	1614	1084
spinepoint_1_x(259)	1048	1459	1532	1348	1466	1618	1078
spinepoint_1_x(260)	1053	1456	1532	1346	1464	1621	1073
spinepoint_1_x(261)	1055	1454	1529	1345	1462	1623	1069
spinepoint_1_x(262)	1060	1451	1526	1346	1459	1628	1065
spinepoint_1_x(263)	1064	1449	1521	1348	1456	1634	1060
spinepoint_1_x(264)	1066	1447	1520	1350	1455	1635	1058
spinepoint_1_x(265)	1069	1446	1517	1354	1452	1638	1054
spinepoint_1_x(266)	1073	1443	1513	1357	1452	1643	1049
spinepoint_1_x(267)	1076	1440	1512	1360	1449	1643	1046
spinepoint_1_x(268)	1078	1437	1511	1364	1446	1644	1040
spinepoint_1_x(269)	1078	1432	1510	1367	1445	1645	1036
spinepoint_1_x(270)	1080	1433	1508	1368	1442	1646	1034
spinepoint_1_x(271)	1080	1432	1508	1370	1438	1646	1030
spinepoint_1_x(272)	1081	1427	1506	1373	1436	1648	1027
spinepoint_1_x(273)	1082	1426	1502	1376	1432	1650	1025
spinepoint_1_x(274)	1082	1425	1497	1380	1427	1653	1026
spinepoint_1_x(275)	1084	1423	1492	1384	1425	1654	1029
spinepoint_1_x(276)	1085	1422	1486	1386	1421	1660	1030
spinepoint_1_x(277)	1088	1420	1482	1392	1418	1661	1034
spinepoint_1_x(278)	1091	1419	1482	1395	1416	1666	1041
spinepoint_1_x(279)	1090	1414	1498	1398	1415	1667	1043
spinepoint_1_x(280)	1091	1414	1499	1401	1412	1670	1044
spinepoint_1_x(281)	1090	1414	1503	1405	1411	1672	1044
spinepoint_1_x(282)	1088	1411	1502	1409	1407	1676	1039
spinepoint_1_x(283)	1087	1409	1502	1413	1405	1678	1041
spinepoint_1_x(284)	1086	1407	1504	1416	1403	1681	1042
spinepoint_1_x(285)	1086	1404	1522	1420	1399	1683	1041
spinepoint_1_x(286)	1086	1399	1527	1424	1396	1687	1042
spinepoint_1_x(287)	1086	1397	1531	1428	1393	1689	1044
spinepoint_1_x(288)	1086	1394	1534	1431	1390	1690	1045

spinepoint_1_x(289)	1086	1391	1538	1438	1387	1691	1046
spinepoint_1_x(290)	1086	1390	1542	1440	1384	1692	1046
spinepoint_1_x(291)	1086	1385	1548	1445	1382	1692	1046
spinepoint_1_x(292)	1086	1382	1546	1449	1378	1692	1046
spinepoint_1_x(293)	1084	1377	1551	1452	1376	1692	1045
spinepoint_1_x(294)	1083	1377	1555	1460	1371	1692	1044
spinepoint_1_x(295)	1081	1371	1558	1463	1368	1692	1044
spinepoint_1_x(296)	1078	1371	1560	1465	1367	1690	1042
spinepoint_1_x(297)	1074	1369	1565	1473	1365	1687	1042
spinepoint_1_x(298)	1072	1365	1569	1477	1362	1684	1041
spinepoint_1_x(299)	1065	1359	1576	1481	1362	1682	1040
spinepoint_1_x(300)	1063	1363	1580	1486	1359	1680	1040
spinepoint_1_x(301)	1058	1357	1583	1488	1358	1679	1039
spinepoint_1_x(302)	1052	1353	1583	1493	1357	1678	1038
spinepoint_1_x(303)	1049	1348	1565	1496	1350	1676	1036
spinepoint_1_x(304)	1046	1348	1564	1500	1348	1676	1035
spinepoint_1_x(305)	1047	1346	1564	1502	1350	1675	1036
spinepoint_1_x(306)	1044	1344	1553	1506	1349	1674	1035
spinepoint_1_x(307)	1040	1342	1546	1509	1350	1674	1030
spinepoint_1_x(308)	1038	1338	1542	1514	1345	1672	1025
spinepoint_1_x(309)	1034	1336	1538	1516	1349	1670	1020
spinepoint_1_x(310)	1032	1332	1533	1520	1356	1668	1018
spinepoint_1_x(311)	1028	1331	1531	1524	1360	1667	1019
spinepoint_1_x(312)	1025	1328	1526	1526	1357	1666	1025
spinepoint_1_x(313)	1021	1325	1522	1528	1357	1666	1026
spinepoint_1_x(314)	1018	1323	1516	1529	1357	1663	1024
spinepoint_1_x(315)	1014	1320	1510	1534	1358	1662	1022
spinepoint_1_x(316)	1011	1318	1506	1538	1359	1661	1023
spinepoint_1_x(317)	1006	1316	1499	1543	1367	1662	1028
spinepoint_1_x(318)	1001	1312	1493	1544	1373	1661	1036
spinepoint_1_x(319)	998	1310	1488	1548	1376	1662	1042
spinepoint_1_x(320)	996	1305	1484	1551	1382	1662	1048
spinepoint_1_x(321)	992	1303	1478	1552	1381	1663	1052
spinepoint_1_x(322)	988	1301	1474	1553	1385	1663	1056
spinepoint_1_x(323)	986	1298	1469	1552	1389	1662	1061
spinepoint_1_x(324)	984	1295	1462	1552	1391	1660	1062
spinepoint_1_x(325)	979	1294	1457	1550	1392	1659	1066
spinepoint_1_x(326)	976	1290	1453	1550	1395	1658	1068
spinepoint_1_x(327)	971	1288	1448	1549	1397	1660	1063
spinepoint_1_x(328)	966	1287	1443	1548	1401	1660	1053
spinepoint_1_x(329)	964	1284	1436	1545	1404	1662	1049
spinepoint_1_x(330)	960	1281	1431	1542	1409	1663	1045
spinepoint_1_x(331)	957	1279	1425	1540	1411	1665	1045
spinepoint_1_x(332)	957	1275	1417	1537	1416	1666	1047
spinepoint_1_x(333)	958	1272	1412	1534	1420	1666	1048
spinepoint_1_x(334)	961	1270	1407	1531	1425	1666	1048
spinepoint_1_x(335)	967	1266	1401	1527	1425	1664	1042
spinepoint_1_x(336)	961	1262	1397	1523	1429	1662	1038
spinepoint_1_x(337)	965	1261	1392	1520	1431	1660	1034
spinepoint_1_x(338)	966	1257	1385	1514	1433	1657	1032

spinepoint_1_x(339)	969	1257	1382	1509	1436	1654	1029
spinepoint_1_x(340)	974	1257	1375	1501	1438	1652	1028
spinepoint_1_x(341)	979	1255	1370	1497	1440	1651	1026
spinepoint_1_x(342)	984	1252	1368	1490	1443	1652	1023
spinepoint_1_x(343)	990	1250	1362	1484	1445	1654	1022
spinepoint_1_x(344)	994	1248	1360	1478	1447	1651	1022
spinepoint_1_x(345)	999	1248	1358	1475	1452	1649	1022
spinepoint_1_x(346)	1003	1244	1355	1469	1453	1647	1020
spinepoint_1_x(347)	1007	1244	1354	1463	1455	1645	1020
spinepoint_1_x(348)	1011	1241	1366	1460	1460	1644	1020
spinepoint_1_x(349)	1015	1240	1367	1455	1461	1646	1020
spinepoint_1_x(350)	1017	1238	1368	1448	1464	1646	1020
spinepoint_1_x(351)	1021	1236	1371	1442	1466	1646	1018
spinepoint_1_x(352)	1024	1233	1372	1438	1466	1649	1018
spinepoint_1_x(353)	1027	1231	1375	1432	1467	1652	1017
spinepoint_1_x(354)	1029	1228	1375	1426	1468	1655	1018
spinepoint_1_x(355)	1031	1228	1375	1424	1468	1654	1018
spinepoint_1_x(356)	1031	1226	1373	1418	1469	1656	1020
spinepoint_1_x(357)	1029	1224	1376	1415	1470	1653	1022
spinepoint_1_x(358)	1030	1222	1376	1412	1471	1649	1025
spinepoint_1_x(359)	1030	1221	1378	1408	1472	1650	1026
spinepoint_1_y(0)	1374	1341	1078	1021	927	879	841
spinepoint_1_y(1)	1375	1343	1075	1016	928	884	843
spinepoint_1_y(2)	1376	1345	1073	1009	932	888	848
spinepoint_1_y(3)	1377	1350	1071	1009	933	891	848
spinepoint_1_y(4)	1381	1353	1072	1008	938	894	852
spinepoint_1_y(5)	1384	1357	1072	1005	938	896	853
spinepoint_1_y(6)	1384	1361	1072	1004	942	899	857
spinepoint_1_y(7)	1391	1365	1072	1001	945	902	859
spinepoint_1_y(8)	1392	1371	1070	999	948	904	863
spinepoint_1_y(9)	1393	1375	1070	996	951	905	863
spinepoint_1_y(10)	1394	1379	1071	993	955	908	866
spinepoint_1_y(11)	1397	1381	1072	989	958	909	871
spinepoint_1_y(12)	1397	1390	1070	986	963	911	872
spinepoint_1_y(13)	1392	1393	1070	984	967	914	873
spinepoint_1_y(14)	1388	1395	1077	982	969	914	877
spinepoint_1_y(15)	1383	1400	1082	978	972	916	880
spinepoint_1_y(16)	1378	1405	1086	978	972	916	886
spinepoint_1_y(17)	1371	1411	1087	978	973	912	885
spinepoint_1_y(18)	1367	1410	1085	983	975	909	888
spinepoint_1_y(19)	1363	1417	1091	989	976	905	894
spinepoint_1_y(20)	1359	1421	1093	999	976	905	894
spinepoint_1_y(21)	1359	1425	1093	1003	975	899	897
spinepoint_1_y(22)	1359	1429	1097	1008	975	899	900
spinepoint_1_y(23)	1357	1429	1104	1012	973	900	906
spinepoint_1_y(24)	1354	1434	1110	1017	970	897	907
spinepoint_1_y(25)	1353	1437	1117	1023	965	896	911
spinepoint_1_y(26)	1352	1439	1125	1027	966	896	915
spinepoint_1_y(27)	1352	1439	1125	1027	966	896	915
spinepoint_1_y(28)	1347	1439	1131	1034	962	896	917

spinepoint_1_y(29)	1345	1436	1139	1037	963	906	923
spinepoint_1_y(30)	1342	1438	1144	1041	962	911	926
spinepoint_1_y(31)	1343	1441	1152	1045	961	914	931
spinepoint_1_y(32)	1342	1443	1161	1050	959	919	934
spinepoint_1_y(33)	1342	1446	1163	1053	958	920	935
spinepoint_1_y(34)	1342	1447	1171	1058	956	923	936
spinepoint_1_y(35)	1343	1445	1175	1058	957	926	934
spinepoint_1_y(36)	1342	1446	1182	1063	961	931	932
spinepoint_1_y(37)	1342	1450	1189	1065	964	934	930
spinepoint_1_y(38)	1342	1454	1193	1069	968	937	928
spinepoint_1_y(39)	1339	1460	1196	1073	972	941	928
spinepoint_1_y(40)	1338	1460	1197	1078	975	944	928
spinepoint_1_y(41)	1334	1459	1199	1082	977	947	925
spinepoint_1_y(42)	1330	1459	1202	1086	978	951	924
spinepoint_1_y(43)	1323	1458	1203	1091	980	956	923
spinepoint_1_y(44)	1321	1439	1205	1096	982	960	922
spinepoint_1_y(45)	1318	1439	1206	1096	984	963	921
spinepoint_1_y(46)	1314	1440	1206	1099	985	966	921
spinepoint_1_y(47)	1308	1441	1206	1099	986	970	919
spinepoint_1_y(48)	1304	1443	1205	1104	989	972	913
spinepoint_1_y(49)	1301	1443	1204	1105	991	974	908
spinepoint_1_y(50)	1297	1441	1204	1108	991	977	902
spinepoint_1_y(51)	1293	1443	1206	1113	993	981	897
spinepoint_1_y(52)	1287	1440	1207	1116	994	985	894
spinepoint_1_y(53)	1287	1440	1208	1120	997	984	894
spinepoint_1_y(54)	1281	1443	1206	1122	997	988	896
spinepoint_1_y(55)	1277	1433	1206	1121	999	987	900
spinepoint_1_y(56)	1269	1425	1208	1120	1001	987	903
spinepoint_1_y(57)	1267	1423	1212	1120	1001	989	907
spinepoint_1_y(58)	1262	1420	1213	1118	1003	992	910
spinepoint_1_y(59)	1255	1414	1215	1117	1003	994	911
spinepoint_1_y(60)	1254	1411	1217	1116	1004	998	912
spinepoint_1_y(61)	1248	1409	1222	1117	1002	1002	914
spinepoint_1_y(62)	1243	1402	1225	1120	1003	1005	914
spinepoint_1_y(63)	1238	1400	1228	1122	1004	1009	916
spinepoint_1_y(64)	1233	1396	1230	1125	1004	1013	919
spinepoint_1_y(65)	1229	1390	1232	1126	1001	1015	919
spinepoint_1_y(66)	1226	1389	1235	1128	993	1019	921
spinepoint_1_y(67)	1224	1385	1236	1130	992	1022	923
spinepoint_1_y(68)	1220	1379	1238	1128	985	1024	925
spinepoint_1_y(69)	1214	1377	1241	1128	984	1027	926
spinepoint_1_y(70)	1210	1372	1243	1127	986	1029	929
spinepoint_1_y(71)	1207	1366	1246	1126	992	1033	930
spinepoint_1_y(72)	1207	1366	1249	1120	997	1037	930
spinepoint_1_y(73)	1203	1365	1252	1116	998	1041	933
spinepoint_1_y(74)	1199	1361	1254	1109	1001	1048	932
spinepoint_1_y(75)	1197	1356	1256	1104	1003	1049	933
spinepoint_1_y(76)	1192	1359	1256	1099	1003	1056	937
spinepoint_1_y(77)	1187	1356	1258	1092	1003	1058	940
spinepoint_1_y(78)	1183	1355	1260	1086	1005	1059	944

spinepoint_1_y(79)	1178	1356	1263	1083	1005	1062	949
spinepoint_1_y(80)	1172	1356	1265	1079	1004	1064	952
spinepoint_1_y(81)	1170	1354	1268	1074	1006	1066	955
spinepoint_1_y(82)	1164	1355	1271	1068	1006	1068	960
spinepoint_1_y(83)	1159	1358	1274	1065	1006	1066	962
spinepoint_1_y(84)	1155	1360	1278	1063	1005	1066	967
spinepoint_1_y(85)	1151	1362	1280	1056	1006	1064	975
spinepoint_1_y(86)	1147	1364	1280	1052	1006	1058	977
spinepoint_1_y(87)	1143	1363	1284	1047	1006	1053	981
spinepoint_1_y(88)	1140	1368	1288	1046	1007	1048	983
spinepoint_1_y(89)	1138	1370	1291	1042	1007	1043	982
spinepoint_1_y(90)	1136	1372	1295	1036	1006	1038	983
spinepoint_1_y(91)	1135	1374	1296	1031	1005	1035	975
spinepoint_1_y(92)	1132	1376	1298	1027	1003	1028	970
spinepoint_1_y(93)	1130	1381	1298	1025	1002	1026	967
spinepoint_1_y(94)	1126	1385	1300	1019	1000	1022	965
spinepoint_1_y(95)	1125	1386	1303	1015			964
spinepoint_1_y(96)	1125	1392	1306	1011			964
spinepoint_1_y(97)	1127	1395	1309	1004			971
spinepoint_1_y(98)	1121	1398	1315	1000			970
spinepoint_1_y(99)	1123	1402	1320	996			972
spinepoint_1_y(100)	1130	1404	1324	991			976
spinepoint_1_y(101)	1134	1407	1327	988			979
spinepoint_1_y(102)	1137	1415	1330	981			982
spinepoint_1_y(103)	1138	1416	1334	980	978	1006	983
spinepoint_1_y(104)	1135	1421	1337	975	975	1007	981
spinepoint_1_y(105)	1131	1426	1338	970	970	1007	975
spinepoint_1_y(106)	1131	1428	1337	965	969	1008	971
spinepoint_1_y(107)	1131	1431	1340	962	966	1009	967
spinepoint_1_y(108)	1130	1437	1344	957	962	1010	964
spinepoint_1_y(109)	1129	1442	1345	950	958	1012	963
spinepoint_1_y(110)	1129	1444	1342	949	955	1007	962
spinepoint_1_y(111)	1128	1450	1334	942	952	1002	960
spinepoint_1_y(112)	1127	1453	1335	938	949	996	959
spinepoint_1_y(113)	1125	1455	1334	932	945	992	959
spinepoint_1_y(114)	1123	1461	1330	929	944	988	958
spinepoint_1_y(115)	1123	1468	1330	926	939	981	958
spinepoint_1_y(116)	1121	1466	1326	924	936	977	956
spinepoint_1_y(117)	1120	1461	1320	924	930	973	956
spinepoint_1_y(118)	1120	1457	1316	922	928	969	956
spinepoint_1_y(119)	1120	1460	1312	921	925	967	956
spinepoint_1_y(120)	1118	1458	1306	919	923	961	956
spinepoint_1_y(121)	1118	1455	1301	916	920	957	955
spinepoint_1_y(122)	1116	1442	1297	914	914	957	952
spinepoint_1_y(123)	1116	1439	1293	915	911	950	956
spinepoint_1_y(124)	1115	1443	1288	914	909	946	963
spinepoint_1_y(125)	1114	1439	1281	915	903	945	970
spinepoint_1_y(126)	1113	1424	1278	918	901	946	973
spinepoint_1_y(127)	1114	1422	1272	918	896	946	973
spinepoint_1_y(128)	1115	1416	1265	918	894	946	972

spinepoint_1_y(129)	1116	1412	1262	916	890	953	963
spinepoint_1_y(130)	1118	1410	1255	916	885	953	963
spinepoint_1_y(131)	1120	1406	1251	916	881	958	962
spinepoint_1_y(132)	1120	1404	1244	916	881	963	959
spinepoint_1_y(133)	1121	1400	1238	917	876	968	957
spinepoint_1_y(134)	1123	1399	1233	918	875	975	955
spinepoint_1_y(135)	1123	1395	1228	921	873	980	953
spinepoint_1_y(136)	1126	1392	1221	921	868	986	951
spinepoint_1_y(137)	1127	1387	1217	924	863	993	946
spinepoint_1_y(138)	1128	1385	1212	924	863	994	943
spinepoint_1_y(139)	1130	1382	1205	929	858	999	940
spinepoint_1_y(140)	1131	1380	1201	933	858	1003	937
spinepoint_1_y(141)	1133	1376	1195	936	855	1008	934
spinepoint_1_y(142)	1135	1373	1186	939	854	1010	930
spinepoint_1_y(143)	1136	1370	1179	945	852	1017	927
spinepoint_1_y(144)	1138	1368	1175	946	852	1020	923
spinepoint_1_y(145)	1139	1368	1171	948	852	1024	923
spinepoint_1_y(146)	1140	1366	1163	949	850	1028	925
spinepoint_1_y(147)	1142	1364	1159	950	850	1035	929
spinepoint_1_y(148)	1144	1363	1149	951	850	1036	935
spinepoint_1_y(149)	1144	1363	1146	950	848	1042	942
spinepoint_1_y(150)	1147	1361	1141	953	848	1048	948
spinepoint_1_y(151)	1151	1360	1136	953	846	1048	952
spinepoint_1_y(152)	1153	1358	1128	956	846	1052	956
spinepoint_1_y(153)	1157	1355	1123	955	845	1052	961
spinepoint_1_y(154)	1159	1356	1116	954	846	1054	966
spinepoint_1_y(155)	1164	1353	1112	952	846	1052	971
spinepoint_1_y(156)	1167	1350	1107	951	848	1052	975
spinepoint_1_y(157)	1174	1348	1103	950	850	1050	981
spinepoint_1_y(158)	1176	1345	1097	948	851	1048	986
spinepoint_1_y(159)	1178	1344	1091	946	854	1043	989
spinepoint_1_y(160)	1182	1338	1088	945	857	1041	995
spinepoint_1_y(161)	1184	1332	1082	944	859	1035	1001
spinepoint_1_y(162)	1187	1329	1078	944	861	1031	1005
spinepoint_1_y(163)	1191	1326	1076	944	862	1031	1012
spinepoint_1_y(164)	1194	1322	1070	945	864	1026	1017
spinepoint_1_y(165)	1197	1320	1066	944	868	1026	1023
spinepoint_1_y(166)	1201	1316	1061	944	869	1025	1027
spinepoint_1_y(167)	1204	1312	1058	944	876	1022	1031
spinepoint_1_y(168)	1206	1309	1052	946	878	1021	1038
spinepoint_1_y(169)	1209	1306	1047	950	881	1019	1043
spinepoint_1_y(170)	1211	1302	1040	956	883	1015	1046
spinepoint_1_y(171)	1214	1301	1034	958	891	1011	1051
spinepoint_1_y(172)	1215	1297	1030	963	892	1007	1057
spinepoint_1_y(173)	1218	1294	1022	969	896	1001	1063
spinepoint_1_y(174)	1221	1289	1016	975	901	998	1067
spinepoint_1_y(175)	1222	1283	1011	979	904	993	1071
spinepoint_1_y(176)	1226	1282	1007	983	909	983	1077
spinepoint_1_y(177)	1228	1280	1001	987	912	983	1082
spinepoint_1_y(178)	1226	1276	996	993	915	982	1087

spinepoint_1_y(179)	1226	1274	991	998	918		1093
spinepoint_1_y(180)	1224	1270	985	1002	924		1097
spinepoint_1_y(181)	1220	1266	982	1005	921		1103
spinepoint_1_y(182)	1214	1262	977	1011	922		1107
spinepoint_1_y(183)	1210	1261	971	1014	920		1114
spinepoint_1_y(184)	1203	1255	966	1020	920		1118
spinepoint_1_y(185)	1197	1252	963	1020	916		1122
spinepoint_1_y(186)	1192	1248	958	1023	914		1129
spinepoint_1_y(187)	1187	1246	952	1025	914		1131
spinepoint_1_y(188)	1182	1243	950	1027	915		1139
spinepoint_1_y(189)	1176	1241	945	1022	916		1142
spinepoint_1_y(190)	1173	1236	938	1019	916		1147
spinepoint_1_y(191)	1165	1233	934	1010	917	982	1150
spinepoint_1_y(192)	1164	1227	930	1007	920	982	1156
spinepoint_1_y(193)	1160	1225	923	1003	927	982	1159
spinepoint_1_y(194)	1154	1222	920	999	934	983	1162
spinepoint_1_y(195)	1151	1219	915	995	941	982	1165
spinepoint_1_y(196)	1147	1215	912	992	945	986	1168
spinepoint_1_y(197)	1143	1212	911	986	946	988	1171
spinepoint_1_y(198)	1141	1210	909	980	950	988	1175
spinepoint_1_y(199)	1137	1204	906	976	956	988	1179
spinepoint_1_y(200)	1132	1203	903	973	957	988	1183
spinepoint_1_y(201)	1132	1199	901	966	961	1001	1187
spinepoint_1_y(202)	1126	1195	897	963	965	1002	1191
spinepoint_1_y(203)	1123	1194	894	956	967	1006	1195
spinepoint_1_y(204)	1120	1191	893	950	973	1010	1198
spinepoint_1_y(205)	1112	1188	890	946	975	1016	1201
spinepoint_1_y(206)	1108	1184	888	942	981	1020	1205
spinepoint_1_y(207)	1106	1182	886	938	983	1024	1208
spinepoint_1_y(208)	1099	1178	886	931	987	1027	1212
spinepoint_1_y(209)	1098	1174	886	931	987	1030	1214
spinepoint_1_y(210)	1094	1170	886	927	991	1034	1217
spinepoint_1_y(211)	1094	1165	886	925	995	1038	1219
spinepoint_1_y(212)	1094	1161	886	923	997	1047	1223
spinepoint_1_y(213)	1092	1158	886	920	1003	1047	1224
spinepoint_1_y(214)	1094	1153	887	927	1005	1050	1227
spinepoint_1_y(215)	1094	1149	891	927	1009	1056	1230
spinepoint_1_y(216)	1094	1148	893	929	1013	1058	1233
spinepoint_1_y(217)	1092	1143	896	932	1012	1064	1237
spinepoint_1_y(218)	1092	1138	900	934	1015	1066	1239
spinepoint_1_y(219)	1092	1137	904	936	1018	1070	1242
spinepoint_1_y(220)	1092	1133	906	935	1022	1073	1246
spinepoint_1_y(221)	1092	1131	908	936	1026	1075	1246
spinepoint_1_y(222)	1092	1129	910	935	1028	1078	1249
spinepoint_1_y(223)	1092	1124	912	936	1033	1079	1253
spinepoint_1_y(224)	1094	1120	914	938	1034	1082	1254
spinepoint_1_y(225)	1096	1116	919	939	1040	1084	1257
spinepoint_1_y(226)	1100	1116	922	942	1044	1088	1257
spinepoint_1_y(227)	1105	1112	928	943	1046	1090	1257
spinepoint_1_y(228)	1107	1111	931	946	1052	1092	1258

spinepoint_1_y(229)	1108	1106	937	948	1056	1095	1258
spinepoint_1_y(230)	1106	1102	941	948	1059	1098	1258
spinepoint_1_y(231)	1105	1100	944	951	1062	1101	1257
spinepoint_1_y(232)	1105	1099	949	952	1064	1104	1256
spinepoint_1_y(233)	1107	1101	956	954	1070	1106	1257
spinepoint_1_y(234)	1108	1103	959	957	1075	1109	1256
spinepoint_1_y(235)	1110	1109	963	958	1075	1110	1256
spinepoint_1_y(236)	1117	1116	968	962	1078	1113	1256
spinepoint_1_y(237)	1119	1118	972	964	1081	1114	1255
spinepoint_1_y(238)	1123	1122	977		1084	1117	1254
spinepoint_1_y(239)	1127	1119	981		1087	1116	1252
spinepoint_1_y(240)	1129	1118	988		1091	1119	1250
spinepoint_1_y(241)	1132	1119	995	956	1097	1120	1247
spinepoint_1_y(242)	1134	1118	1002	956	1100	1121	1246
spinepoint_1_y(243)	1136		1007	956		1120	1241
spinepoint_1_y(244)	1140		1012	956		1120	1238
spinepoint_1_y(245)	1139		1016	956		1120	1233
spinepoint_1_y(246)	1138		1023	956		1121	1230
spinepoint_1_y(247)	1138		1031	953		1121	1227
spinepoint_1_y(248)	1138		1035	954		1122	1222
spinepoint_1_y(249)	1136		1040	953		1122	1218
spinepoint_1_y(250)	1133		1045	935		1123	1215
spinepoint_1_y(251)	1131		1052	930		1124	1211
spinepoint_1_y(252)	1130		1060	925		1122	1208
spinepoint_1_y(253)	1126		1067	921		1118	1202
spinepoint_1_y(254)	1123		1072	915		1115	1200
spinepoint_1_y(255)	1122		1079	912		1112	1199
spinepoint_1_y(256)	1119		1087	907		1109	1199
spinepoint_1_y(257)	1119	1134	1092	901	1154	1107	1199
spinepoint_1_y(258)	1117	1133	1096	900	1156	1104	1203
spinepoint_1_y(259)	1116	1134	1104	892	1161	1102	1206
spinepoint_1_y(260)	1113	1135	1109	892	1163	1098	1205
spinepoint_1_y(261)	1112	1137	1116	886	1165	1096	1203
spinepoint_1_y(262)	1108	1139	1121	882	1171	1094	1201
spinepoint_1_y(263)	1104	1139	1127	876	1174	1090	1198
spinepoint_1_y(264)	1103	1141	1131	873	1176	1089	1198
spinepoint_1_y(265)	1100	1140	1138	869	1180	1086	1195
spinepoint_1_y(266)	1096	1142	1144	865	1181	1082	1192
spinepoint_1_y(267)	1089	1142	1149	863	1184	1079	1190
spinepoint_1_y(268)	1085	1143	1154	858	1190	1075	1187
spinepoint_1_y(269)	1083	1144	1162	856	1193	1069	1184
spinepoint_1_y(270)	1077	1145	1170	852	1196	1065	1184
spinepoint_1_y(271)	1073	1146	1176	847	1200	1063	1181
spinepoint_1_y(272)	1070	1147	1183	844	1200	1054	1179
spinepoint_1_y(273)	1064	1149	1189	842	1202	1048	1178
spinepoint_1_y(274)	1062	1149	1195	838	1205	1047	1181
spinepoint_1_y(275)	1057	1152	1198	835	1207	1046	1183
spinepoint_1_y(276)	1054	1153	1202	833	1210	1042	1182
spinepoint_1_y(277)	1049	1154	1205	829	1211	1041	1181
spinepoint_1_y(278)	1044	1155	1202	827	1214	1036	1180

spinepoint_1_y(279)	1044	1157	1194	824	1217	1033	1174
spinepoint_1_y(280)	1038	1158	1194	823	1222	1029	1172
spinepoint_1_y(281)	1032	1158	1192	820	1223	1026	1173
spinepoint_1_y(282)	1025	1159	1191	816	1228	1021	1175
spinepoint_1_y(283)	1024	1159	1191	813	1233	1016	1182
spinepoint_1_y(284)	1020	1161	1191	812	1234	1013	1193
spinepoint_1_y(285)	1014	1162	1184	810	1239	1011	1200
spinepoint_1_y(286)	1011	1162	1180	809	1242	1007	1207
spinepoint_1_y(287)	1005	1163	1175	808	1244	1005	1213
spinepoint_1_y(288)	1002	1165	1173	807	1250	1003	1219
spinepoint_1_y(289)	1000	1165	1169	804	1253	1000	1224
spinepoint_1_y(290)	995	1166	1164	802	1256	995	1228
spinepoint_1_y(291)	990	1167	1159	799	1260	992	1233
spinepoint_1_y(292)	986	1166	1158	798	1264	991	1237
spinepoint_1_y(293)	982	1167	1151	796	1266	985	1241
spinepoint_1_y(294)	979	1168	1147	796	1270	981	1243
spinepoint_1_y(295)	977	1169	1144	796	1272	977	1249
spinepoint_1_y(296)	973	1169	1141	798	1275	972	1253
spinepoint_1_y(297)	971	1169	1137	802	1279	967	1256
spinepoint_1_y(298)	970	1172	1136	803	1285	961	1261
spinepoint_1_y(299)	965	1173	1132	806	1286	957	1264
spinepoint_1_y(300)	965	1173	1128	808	1291	953	1269
spinepoint_1_y(301)	961	1174	1125	809	1293	947	1272
spinepoint_1_y(302)	959	1175	1126	812	1293	942	1277
spinepoint_1_y(303)	955	1177	1135	816	1294	937	1279
spinepoint_1_y(304)	951	1177	1135	819	1295	933	1285
spinepoint_1_y(305)	952	1178	1136	823	1292	929	1286
spinepoint_1_y(306)	949	1178	1127	827	1287	924	1284
spinepoint_1_y(307)	945	1178	1130	830	1284	923	1279
spinepoint_1_y(308)	943	1180	1130	832	1279	918	1280
spinepoint_1_y(309)	939	1182	1132	834	1284	913	1280
spinepoint_1_y(310)	936	1183	1133	837	1291	909	1281
spinepoint_1_y(311)	933	1183	1133	840	1293	906	1277
spinepoint_1_y(312)	928	1185	1134	844	1297	903	1280
spinepoint_1_y(313)	927	1186	1134	847	1290	897	1288
spinepoint_1_y(314)	925	1186	1136	850	1284	891	1288
spinepoint_1_y(315)	922	1188	1138	856	1283	888	1291
spinepoint_1_y(316)	920	1188	1138	861	1283	884	1291
spinepoint_1_y(317)	917	1190	1140	866	1272	880	1285
spinepoint_1_y(318)	914	1191	1141	865	1267	873	1286
spinepoint_1_y(319)	913	1192	1142	870	1266	868	1288
spinepoint_1_y(320)	912	1193	1142	877	1264	868	1288
spinepoint_1_y(321)	908	1194	1140	879	1265	861	1290
spinepoint_1_y(322)	904	1194	1140	886	1263	857	1292
spinepoint_1_y(323)	901	1195	1139	891	1261	853	1295
spinepoint_1_y(324)	901	1197	1140	898	1261	848	1296
spinepoint_1_y(325)	897	1198	1140	902	1259	845	1300
spinepoint_1_y(326)	895	1200	1140	908	1258	838	1302
spinepoint_1_y(327)	892	1203	1142	911	1256	837	1301
spinepoint_1_y(328)	891	1203	1143	917	1255	832	1303

spinepoint_1_y(329)	892	1208	1144	922	1253	828	1308
spinepoint_1_y(330)	890	1209	1144	925	1251	822	1312
spinepoint_1_y(331)	887	1209	1144	927	1250	817	1311
spinepoint_1_y(332)	882	1211	1141	934	1247	812	1308
spinepoint_1_y(333)	879	1214	1142	938	1244	808	1303
spinepoint_1_y(334)	882	1215	1140	942	1243	805	1300
spinepoint_1_y(335)	881	1216	1140	947	1241	800	1292
spinepoint_1_y(336)	885	1219	1140	950	1239	796	1286
spinepoint_1_y(337)	893	1219	1138	950	1236	790	1280
spinepoint_1_y(338)	901	1223	1136	952	1232	784	1274
spinepoint_1_y(339)	903	1223	1133	952	1229	778	1268
spinepoint_1_y(340)	908	1223	1129	950	1223	772	1265
spinepoint_1_y(341)	910	1225	1126	950	1221	766	1261
spinepoint_1_y(342)	911	1225	1123	948	1217	761	1253
spinepoint_1_y(343)	912	1226	1119	946	1215	756	1248
spinepoint_1_y(344)	912	1228	1114	942	1210	752	1246
spinepoint_1_y(345)	912	1227	1111	942	1206	746	1241
spinepoint_1_y(346)	912	1233	1105	940	1204	743	1236
spinepoint_1_y(347)	910	1234	1105	942	1201	734	1228
spinepoint_1_y(348)	908	1236	1122	943	1194	728	1224
spinepoint_1_y(349)	907	1239	1122	944	1192	722	1219
spinepoint_1_y(350)	906	1241	1124	944	1187	718	1216
spinepoint_1_y(351)	904	1244	1128	945	1181	719	1207
spinepoint_1_y(352)	901	1247	1131	944	1180	722	1206
spinepoint_1_y(353)	897	1250	1132	940	1172	723	1198
spinepoint_1_y(354)	896	1253	1132	940	1168	723	1194
spinepoint_1_y(355)	892	1254	1132	937	1166	725	1190
spinepoint_1_y(356)	887	1258	1134	933	1162	725	1185
spinepoint_1_y(357)	885	1261	1133	930	1157	725	1181
spinepoint_1_y(358)	880	1264	1135	926	1150	726	1175
spinepoint_1_y(359)	878	1268	1137	921	1147	723	1172
spinepoint_2_x(0)	1191	1437	1687	1172	1607	1223	1368
spinepoint_2_x(1)	1189	1436	1694	1175	1611	1225	1370
spinepoint_2_x(2)	1183	1436	1699	1181	1612	1228	1370
spinepoint_2_x(3)	1179	1433	1704	1181	1613	1232	1371
spinepoint_2_x(4)	1175	1433	1710	1183	1616	1235	1372
spinepoint_2_x(5)	1169	1432	1716	1187	1614	1239	1372
spinepoint_2_x(6)	1169	1432	1722	1189	1618	1241	1373
spinepoint_2_x(7)	1162	1431	1726	1194	1618	1243	1374
spinepoint_2_x(8)	1160	1430	1731	1196	1619	1245	1374
spinepoint_2_x(9)	1154	1429	1737	1200	1618	1248	1374
spinepoint_2_x(10)	1150	1428	1742	1203	1619	1254	1374
spinepoint_2_x(11)	1143	1428	1744	1207	1618	1256	1375
spinepoint_2_x(12)	1144	1429	1743	1210	1617	1260	1374
spinepoint_2_x(13)	1145	1429	1745	1215	1616	1267	1374
spinepoint_2_x(14)	1144	1429	1745	1217	1614	1268	1374
spinepoint_2_x(15)	1141	1429	1749	1224	1612	1274	1374
spinepoint_2_x(16)	1136	1429	1751	1222	1610	1276	1374
spinepoint_2_x(17)	1134	1429	1751	1223	1609	1278	1374
spinepoint_2_x(18)	1136	1429	1752	1220	1606	1281	1374

spinepoint_2_x(19)	1137	1429	1756	1223	1602	1289	1376
spinepoint_2_x(20)	1140	1429	1759	1227	1602	1289	1376
spinepoint_2_x(21)	1144	1431	1758	1226	1598	1294	1376
spinepoint_2_x(22)	1147	1430	1756	1229	1593	1296	1377
spinepoint_2_x(23)	1151	1429	1755	1229	1590	1295	1379
spinepoint_2_x(24)	1156	1429	1754	1231	1583	1297	1380
spinepoint_2_x(25)	1160	1428	1750	1231	1580	1298	1380
spinepoint_2_x(26)	1165	1428	1746	1232	1580	1297	1382
spinepoint_2_x(27)	1165	1428	1746	1232	1580	1297	1382
spinepoint_2_x(28)	1171	1429	1742	1230	1576	1298	1382
spinepoint_2_x(29)	1173	1430	1738	1230	1573	1295	1384
spinepoint_2_x(30)	1176	1431	1735	1230	1571	1296	1386
spinepoint_2_x(31)	1177	1433	1730	1229	1567	1292	1386
spinepoint_2_x(32)	1181	1436	1726	1228	1563	1289	1386
spinepoint_2_x(33)	1188	1438	1723	1226	1560	1286	1386
spinepoint_2_x(34)	1189	1436	1720	1224	1559	1281	1386
spinepoint_2_x(35)	1196	1435	1716	1223	1560	1279	1386
spinepoint_2_x(36)	1199	1434	1712	1220	1562	1274	1386
spinepoint_2_x(37)	1201	1432	1706	1218	1561	1272	1386
spinepoint_2_x(38)	1209	1432	1704	1216	1558	1270	1390
spinepoint_2_x(39)	1210	1429	1699	1214	1553	1268	1391
spinepoint_2_x(40)	1209	1428	1695	1213	1549	1268	1389
spinepoint_2_x(41)	1215	1427	1691	1212	1547	1268	1386
spinepoint_2_x(42)	1220	1426	1685	1209	1546	1268	1385
spinepoint_2_x(43)	1227	1426	1682	1206	1544	1268	1381
spinepoint_2_x(44)	1229	1428	1674	1202	1540	1268	1376
spinepoint_2_x(45)	1231	1427	1671	1202	1536	1268	1372
spinepoint_2_x(46)	1235	1430	1666	1199	1534	1269	1370
spinepoint_2_x(47)	1238	1434	1661	1196	1532	1270	1373
spinepoint_2_x(48)	1240	1437	1657	1193	1526	1272	1375
spinepoint_2_x(49)	1241	1439	1650	1190	1523	1274	1372
spinepoint_2_x(50)	1243	1437	1648	1187	1519	1275	1371
spinepoint_2_x(51)	1246	1438	1637	1183	1515	1277	1372
spinepoint_2_x(52)	1248	1435	1634	1179	1513	1281	1375
spinepoint_2_x(53)	1248	1438	1629	1176	1509	1281	1375
spinepoint_2_x(54)	1250	1442	1622	1172	1506	1284	1374
spinepoint_2_x(55)	1251	1441	1617	1169	1502	1287	1374
spinepoint_2_x(56)	1252	1443	1613	1163	1497	1288	1371
spinepoint_2_x(57)	1254	1443	1607	1160	1494	1293	1365
spinepoint_2_x(58)	1254	1443	1604	1154	1489	1297	1364
spinepoint_2_x(59)	1254	1445	1599	1151	1488	1301	1361
spinepoint_2_x(60)	1256	1446	1594	1146	1483	1302	1359
spinepoint_2_x(61)	1258	1446	1588	1144	1478	1305	1353
spinepoint_2_x(62)	1259	1445	1583	1137	1476	1308	1353
spinepoint_2_x(63)	1260	1445	1578	1133	1474	1311	1351
spinepoint_2_x(64)	1260	1444	1574	1126	1477	1314	1344
spinepoint_2_x(65)	1260	1443	1571	1123	1478	1316	1344
spinepoint_2_x(66)	1260	1443	1564	1118	1477	1319	1340
spinepoint_2_x(67)	1261	1441	1559	1111	1479	1324	1338
spinepoint_2_x(68)	1262	1442	1554	1107	1479	1325	1333

spinepoint_2_x(69)	1262	1441	1549	1102	1480	1328	1330
spinepoint_2_x(70)	1264	1439	1543	1098	1479	1329	1326
spinepoint_2_x(71)	1267	1439	1541	1091	1480	1328	1323
spinepoint_2_x(72)	1267	1438	1535	1085	1482	1331	1320
spinepoint_2_x(73)	1272	1438	1530	1080	1481	1333	1318
spinepoint_2_x(74)	1274	1435	1526	1078	1480	1336	1317
spinepoint_2_x(75)	1276	1434	1520	1075	1474	1338	1318
spinepoint_2_x(76)	1278	1434	1513	1073	1476	1342	1321
spinepoint_2_x(77)	1282	1432	1507	1071	1471	1344	1320
spinepoint_2_x(78)	1283	1425	1502	1067	1468	1348	1317
spinepoint_2_x(79)	1286	1425	1494	1065	1460	1352	1314
spinepoint_2_x(80)	1288	1424	1489	1064	1461	1359	1313
spinepoint_2_x(81)	1289	1422	1483	1063	1454	1364	1312
spinepoint_2_x(82)	1291	1418	1476	1060	1451	1372	1310
spinepoint_2_x(83)	1293	1413	1470	1061	1446	1371	1309
spinepoint_2_x(84)	1295	1411	1462	1059	1446	1378	1307
spinepoint_2_x(85)	1296	1407	1454	1060	1442	1380	1305
spinepoint_2_x(86)	1299	1404	1450	1059	1438	1388	1305
spinepoint_2_x(87)	1300	1400	1444	1057	1438	1393	1304
spinepoint_2_x(88)	1303	1394	1437	1058	1432	1397	1302
spinepoint_2_x(89)	1306	1392	1430	1055	1428	1399	1304
spinepoint_2_x(90)	1308	1389	1421	1053	1424	1402	1304
spinepoint_2_x(91)	1311	1387	1418	1051	1421	1403	1303
spinepoint_2_x(92)	1315	1382	1412	1050	1416	1405	1300
spinepoint_2_x(93)	1321	1380	1407	1050	1414	1407	1296
spinepoint_2_x(94)	1320	1377	1401	1049	1409	1408	1292
spinepoint_2_x(95)	1319	1373	1394	1048			1291
spinepoint_2_x(96)	1318	1372	1389	1046			1291
spinepoint_2_x(97)	1314	1371	1386	1046			1290
spinepoint_2_x(98)	1319	1365	1379	1045			1297
spinepoint_2_x(99)	1318	1364	1374	1045			1297
spinepoint_2_x(100)	1318	1362	1367	1044			1296
spinepoint_2_x(101)	1316	1359	1362	1045			1299
spinepoint_2_x(102)	1312	1357	1357	1046			1303
spinepoint_2_x(103)	1314	1356	1352	1047	1385	1399	1306
spinepoint_2_x(104)	1312	1351	1347	1050	1383	1394	1304
spinepoint_2_x(105)	1315	1351	1343	1051	1380	1390	1304
spinepoint_2_x(106)	1314	1350	1334	1054	1378	1385	1300
spinepoint_2_x(107)	1313	1346	1333	1055	1377	1378	1295
spinepoint_2_x(108)	1310	1345	1333	1056	1374	1379	1290
spinepoint_2_x(109)	1307	1344	1333	1058	1372	1376	1286
spinepoint_2_x(110)	1303	1343	1337	1058	1370	1370	1281
spinepoint_2_x(111)	1297	1343	1333	1061	1369	1370	1277
spinepoint_2_x(112)	1294	1345	1332	1062	1368	1370	1272
spinepoint_2_x(113)	1290	1347	1329	1064	1366	1368	1268
spinepoint_2_x(114)	1285	1350	1321	1066	1364	1367	1263
spinepoint_2_x(115)	1281	1354	1315	1069	1362	1363	1259
spinepoint_2_x(116)	1275	1354	1309	1072	1362	1362	1251
spinepoint_2_x(117)	1270	1353	1302	1075	1358	1360	1249
spinepoint_2_x(118)	1264	1355	1297	1080	1358	1359	1246

spinepoint_2_x(119)	1262	1354	1291	1085	1357	1358	1242
spinepoint_2_x(120)	1254	1353	1285	1090	1356	1355	1235
spinepoint_2_x(121)	1255	1351	1280	1097	1356	1356	1232
spinepoint_2_x(122)	1249	1349	1278	1099	1354	1356	1230
spinepoint_2_x(123)	1246	1349	1275	1104	1354	1355	1235
spinepoint_2_x(124)	1243	1344	1272	1108	1354	1354	1237
spinepoint_2_x(125)	1236	1345	1268	1112	1352	1354	1235
spinepoint_2_x(126)	1232	1344	1266	1119	1352	1354	1236
spinepoint_2_x(127)	1230	1343	1264	1124	1350	1352	1237
spinepoint_2_x(128)	1224	1343	1261	1129	1350	1352	1237
spinepoint_2_x(129)	1222	1344	1260	1134	1350	1353	1240
spinepoint_2_x(130)	1219	1345	1257	1137	1350	1356	1243
spinepoint_2_x(131)	1212	1345	1256	1144	1350	1361	1248
spinepoint_2_x(132)	1211	1345	1254	1149	1350	1367	1253
spinepoint_2_x(133)	1204	1345	1252	1152	1352	1371	1259
spinepoint_2_x(134)	1202	1345	1252	1155	1352	1375	1264
spinepoint_2_x(135)	1199	1347	1251	1161	1354	1377	1270
spinepoint_2_x(136)	1191	1347	1250	1164	1356	1377	1273
spinepoint_2_x(137)	1191	1350	1250	1171	1358	1378	1280
spinepoint_2_x(138)	1185	1352	1249	1173	1358	1378	1284
spinepoint_2_x(139)	1180	1354	1248	1178	1360	1378	1288
spinepoint_2_x(140)	1176	1355	1246	1182	1361	1378	1291
spinepoint_2_x(141)	1172	1358	1245	1186	1365	1378	1298
spinepoint_2_x(142)	1171	1359	1244	1189	1364	1378	1301
spinepoint_2_x(143)	1169	1362	1243	1195	1369	1378	1305
spinepoint_2_x(144)	1163	1366	1243	1196	1371	1380	1307
spinepoint_2_x(145)	1161	1366	1242	1200	1375	1380	1307
spinepoint_2_x(146)	1155	1369	1244	1203	1381	1380	1307
spinepoint_2_x(147)	1151	1374	1246	1209	1383	1382	1306
spinepoint_2_x(148)	1144	1376	1248	1214	1390	1384	1310
spinepoint_2_x(149)	1143	1380	1248	1218	1394	1386	1314
spinepoint_2_x(150)	1139	1382	1248	1224	1396	1388	1318
spinepoint_2_x(151)	1135	1384	1248	1226	1402	1388	1320
spinepoint_2_x(152)	1134	1388	1248	1232	1406	1394	1323
spinepoint_2_x(153)	1130	1393	1248	1235	1407	1395	1325
spinepoint_2_x(154)	1127	1392	1249	1240	1413	1402	1328
spinepoint_2_x(155)	1123	1398	1250	1246	1416	1404	1330
spinepoint_2_x(156)	1120	1400	1250	1252	1421	1410	1331
spinepoint_2_x(157)	1114	1402	1251	1255	1424	1415	1334
spinepoint_2_x(158)	1115	1406	1253	1262	1427	1419	1335
spinepoint_2_x(159)	1113	1408	1254	1264	1430	1426	1336
spinepoint_2_x(160)	1108	1412	1254	1273	1435	1427	1336
spinepoint_2_x(161)	1107	1415	1256	1277	1438	1433	1338
spinepoint_2_x(162)	1104	1416	1258	1282	1443	1436	1339
spinepoint_2_x(163)	1101	1418	1258	1286	1445	1436	1340
spinepoint_2_x(164)	1099	1419	1262	1290	1447	1442	1341
spinepoint_2_x(165)	1098	1420	1267	1296	1452	1443	1342
spinepoint_2_x(166)	1095	1420	1270	1301	1452	1446	1342
spinepoint_2_x(167)	1094	1422	1272	1306	1456	1452	1342
spinepoint_2_x(168)	1092	1424	1274	1310	1458	1456	1342

spinepoint_2_x(169)	1089	1426	1276	1316	1458	1457	1343
spinepoint_2_x(170)	1087	1426	1278	1320	1460	1462	1344
spinepoint_2_x(171)	1083	1426	1279	1323	1462	1465	1344
spinepoint_2_x(172)	1080	1426	1280	1324	1462	1468	1344
spinepoint_2_x(173)	1077	1425	1280	1326	1462	1472	1344
spinepoint_2_x(174)	1073	1426	1280	1327	1462	1474	1344
spinepoint_2_x(175)	1067	1428	1280	1327	1462	1474	1344
spinepoint_2_x(176)	1065	1428	1280	1326	1462	1478	1344
spinepoint_2_x(177)	1062	1430	1280	1325	1462	1476	1344
spinepoint_2_x(178)	1059	1432	1280	1324	1462	1476	1344
spinepoint_2_x(179)	1056	1435	1279	1324	1462		1342
spinepoint_2_x(180)	1058	1436	1279	1324	1462		1342
spinepoint_2_x(181)	1060	1438	1279	1323	1462		1341
spinepoint_2_x(182)	1057	1439	1279	1322	1460		1340
spinepoint_2_x(183)	1054	1439	1279	1321	1461		1337
spinepoint_2_x(184)	1050	1444	1280	1319	1461		1337
spinepoint_2_x(185)	1046	1444	1280	1318	1462		1336
spinepoint_2_x(186)	1045	1446	1282	1317	1463		1334
spinepoint_2_x(187)	1042	1448	1284	1315	1462		1334
spinepoint_2_x(188)	1042	1449	1284	1314	1462		1332
spinepoint_2_x(189)	1040	1450	1288	1314	1462		1331
spinepoint_2_x(190)	1039	1452	1291	1315	1463		1329
spinepoint_2_x(191)	1041	1453	1293	1308	1464	1448	1328
spinepoint_2_x(192)	1040	1455	1294	1307	1462	1448	1324
spinepoint_2_x(193)	1039	1458	1297	1305	1462	1448	1321
spinepoint_2_x(194)	1038	1458	1299	1299	1462	1448	1318
spinepoint_2_x(195)	1035	1459	1302	1297	1463	1448	1315
spinepoint_2_x(196)	1032	1461	1306	1295	1464	1449	1313
spinepoint_2_x(197)	1030	1462	1308	1291	1464	1454	1308
spinepoint_2_x(198)	1029	1462	1311	1288	1464	1455	1305
spinepoint_2_x(199)	1026	1464	1316	1288	1464	1459	1300
spinepoint_2_x(200)	1023	1464	1323	1286	1464	1461	1297
spinepoint_2_x(201)	1024	1466	1325	1284	1466	1465	1292
spinepoint_2_x(202)	1022	1467	1333	1283	1465	1465	1289
spinepoint_2_x(203)	1022	1467	1336	1283	1464	1467	1284
spinepoint_2_x(204)	1020	1468	1339	1283	1464	1467	1282
spinepoint_2_x(205)	1019	1470	1345	1284	1465	1470	1277
spinepoint_2_x(206)	1018	1471	1350	1285	1464	1471	1275
spinepoint_2_x(207)	1016	1472	1358	1286	1465	1472	1271
spinepoint_2_x(208)	1013	1472	1364	1288	1465	1474	1268
spinepoint_2_x(209)	1012	1474	1369	1288	1466	1475	1265
spinepoint_2_x(210)	1008	1474	1377	1290	1466	1477	1261
spinepoint_2_x(211)	1005	1474	1382	1292	1466	1478	1257
spinepoint_2_x(212)	1003	1474	1386	1292	1466	1480	1251
spinepoint_2_x(213)	998	1474	1391	1292	1466	1480	1249
spinepoint_2_x(214)	996	1476	1398	1291	1466	1482	1247
spinepoint_2_x(215)	992	1475	1404	1292	1466	1484	1243
spinepoint_2_x(216)	985	1474	1410	1289	1466	1484	1241
spinepoint_2_x(217)	982	1475	1416	1290	1466	1486	1236
spinepoint_2_x(218)	975	1475	1422	1294	1464	1486	1232

spinepoint_2_x(219)	975	1475	1428	1302	1464	1486	1229
spinepoint_2_x(220)	969	1474	1433	1304	1464	1486	1224
spinepoint_2_x(221)	964	1475	1436	1309	1464	1486	1221
spinepoint_2_x(222)	965	1475	1441	1315	1464	1488	1218
spinepoint_2_x(223)	958	1476	1445	1315	1465	1489	1211
spinepoint_2_x(224)	957	1477	1453	1322	1465	1492	1209
spinepoint_2_x(225)	956	1478	1460	1324	1466	1493	1202
spinepoint_2_x(226)	951	1477	1464	1326	1468	1496	1201
spinepoint_2_x(227)	946	1476	1469	1327	1468	1498	1199
spinepoint_2_x(228)	945	1476	1473	1331	1469	1500	1193
spinepoint_2_x(229)	945	1477	1478	1337	1470	1504	1190
spinepoint_2_x(230)	945	1477	1482	1337	1470	1506	1183
spinepoint_2_x(231)	943	1478	1486	1343	1471	1508	1180
spinepoint_2_x(232)	944	1478	1490	1345	1472	1512	1171
spinepoint_2_x(233)	945	1477	1496	1349	1472	1515	1168
spinepoint_2_x(234)	947	1476	1500	1352	1474	1518	1163
spinepoint_2_x(235)	947	1475	1503	1354	1475	1521	1159
spinepoint_2_x(236)	950	1471	1507	1356	1477	1523	1153
spinepoint_2_x(237)	951	1470	1510	1358	1478	1528	1150
spinepoint_2_x(238)	954	1467	1515		1478	1532	1145
spinepoint_2_x(239)	956	1469	1518		1480	1533	1141
spinepoint_2_x(240)	958	1470	1523		1480	1540	1137
spinepoint_2_x(241)	962	1469	1526	1363	1482	1541	1131
spinepoint_2_x(242)	967	1467	1528	1360	1482	1546	1128
spinepoint_2_x(243)	970		1530	1361		1552	1124
spinepoint_2_x(244)	976		1530	1359		1554	1119
spinepoint_2_x(245)	977		1530	1358		1562	1112
spinepoint_2_x(246)	984		1531	1361		1563	1108
spinepoint_2_x(247)	988		1531	1358		1567	1106
spinepoint_2_x(248)	992		1532	1363		1573	1101
spinepoint_2_x(249)	995		1533	1362		1572	1098
spinepoint_2_x(250)	1004		1534	1360		1580	1095
spinepoint_2_x(251)	1005		1535	1358		1584	1092
spinepoint_2_x(252)	1009		1536	1356		1582	1091
spinepoint_2_x(253)	1013		1538	1354		1589	1088
spinepoint_2_x(254)	1018		1538	1352		1591	1086
spinepoint_2_x(255)	1022		1539	1351		1598	1086
spinepoint_2_x(256)	1027		1539	1350		1600	1088
spinepoint_2_x(257)	1031	1466	1538	1347	1473	1601	1088
spinepoint_2_x(258)	1035	1466	1538	1348	1472	1608	1090
spinepoint_2_x(259)	1039	1465	1536	1348	1469	1611	1087
spinepoint_2_x(260)	1043	1463	1534	1348	1468	1616	1082
spinepoint_2_x(261)	1047	1461	1532	1347	1466	1615	1078
spinepoint_2_x(262)	1052	1458	1531	1347	1464	1622	1074
spinepoint_2_x(263)	1056	1457	1528	1347	1461	1627	1069
spinepoint_2_x(264)	1058	1455	1524	1349	1459	1629	1067
spinepoint_2_x(265)	1061	1454	1522	1350	1456	1632	1063
spinepoint_2_x(266)	1066	1451	1519	1353	1457	1637	1057
spinepoint_2_x(267)	1070	1449	1515	1355	1454	1637	1055
spinepoint_2_x(268)	1072	1446	1514	1358	1451	1639	1049

spinepoint_2_x(269)	1072	1441	1512	1361	1449	1642	1045
spinepoint_2_x(270)	1076	1442	1510	1363	1447	1643	1043
spinepoint_2_x(271)	1078	1440	1510	1365	1443	1644	1038
spinepoint_2_x(272)	1078	1436	1508	1368	1441	1646	1035
spinepoint_2_x(273)	1079	1435	1506	1370	1440	1648	1033
spinepoint_2_x(274)	1080	1434	1503	1374	1435	1650	1034
spinepoint_2_x(275)	1081	1431	1499	1377	1432	1651	1036
spinepoint_2_x(276)	1082	1430	1494	1380	1429	1655	1038
spinepoint_2_x(277)	1084	1430	1490	1385	1427	1655	1040
spinepoint_2_x(278)	1086	1427	1491	1388	1424	1659	1042
spinepoint_2_x(279)	1086	1423	1492	1391	1421	1661	1043
spinepoint_2_x(280)	1088	1422	1494	1394	1418	1665	1043
spinepoint_2_x(281)	1089	1423	1497	1397	1417	1666	1044
spinepoint_2_x(282)	1089	1419	1502	1402	1413	1670	1043
spinepoint_2_x(283)	1088	1418	1509	1406	1409	1674	1046
spinepoint_2_x(284)	1088	1415	1511	1408	1408	1676	1048
spinepoint_2_x(285)	1087	1412	1514	1412	1404	1678	1045
spinepoint_2_x(286)	1088	1408	1520	1415	1402	1680	1044
spinepoint_2_x(287)	1086	1407	1524	1420	1399	1683	1044
spinepoint_2_x(288)	1086	1404	1526	1423	1396	1684	1044
spinepoint_2_x(289)	1086	1401	1531	1430	1394	1686	1045
spinepoint_2_x(290)	1086	1400	1535	1432	1390	1689	1045
spinepoint_2_x(291)	1086	1394	1540	1438	1387	1690	1045
spinepoint_2_x(292)	1086	1393	1540	1440	1384	1690	1045
spinepoint_2_x(293)	1085	1387	1546	1445	1382	1691	1044
spinepoint_2_x(294)	1084	1387	1550	1451	1378	1692	1044
spinepoint_2_x(295)	1083	1381	1551	1455	1375	1692	1044
spinepoint_2_x(296)	1082	1380	1553	1455	1374	1692	1043
spinepoint_2_x(297)	1080	1380	1557	1464	1370	1690	1043
spinepoint_2_x(298)	1078	1374	1560	1467	1367	1688	1042
spinepoint_2_x(299)	1073	1369	1568	1472	1366	1686	1042
spinepoint_2_x(300)	1071	1371	1571	1477	1364	1683	1041
spinepoint_2_x(301)	1066	1366	1575	1480	1362	1682	1040
spinepoint_2_x(302)	1060	1363	1575	1485	1361	1680	1040
spinepoint_2_x(303)	1056	1358	1573	1488	1358	1678	1040
spinepoint_2_x(304)	1052	1358	1568	1493	1358	1677	1038
spinepoint_2_x(305)	1054	1355	1564	1495	1357	1677	1038
spinepoint_2_x(306)	1050	1354	1560	1499	1357	1675	1038
spinepoint_2_x(307)	1047	1352	1554	1502	1358	1676	1037
spinepoint_2_x(308)	1045	1348	1551	1507	1352	1674	1033
spinepoint_2_x(309)	1040	1345	1546	1509	1357	1672	1029
spinepoint_2_x(310)	1038	1342	1542	1513	1358	1670	1026
spinepoint_2_x(311)	1036	1340	1540	1516	1358	1670	1027
spinepoint_2_x(312)	1030	1337	1535	1519	1358	1668	1031
spinepoint_2_x(313)	1028	1334	1531	1522	1363	1667	1028
spinepoint_2_x(314)	1025	1332	1526	1524	1365	1666	1028
spinepoint_2_x(315)	1021	1329	1519	1529	1364	1664	1026
spinepoint_2_x(316)	1019	1327	1515	1532	1364	1662	1026
spinepoint_2_x(317)	1015	1323	1508	1538	1367	1662	1030
spinepoint_2_x(318)	1009	1321	1502	1537	1367	1662	1028

spinepoint_2_x(319)	1006	1319	1498	1541	1370	1662	1034
spinepoint_2_x(320)	1004	1314	1494	1546	1372	1662	1039
spinepoint_2_x(321)	1000	1313	1488	1546	1375	1662	1044
spinepoint_2_x(322)	995	1311	1483	1549	1378	1662	1048
spinepoint_2_x(323)	993	1307	1479	1550	1381	1662	1052
spinepoint_2_x(324)	992	1305	1472	1551	1383	1661	1053
spinepoint_2_x(325)	986	1304	1467	1550	1384	1660	1059
spinepoint_2_x(326)	983	1300	1462	1550	1387	1660	1060
spinepoint_2_x(327)	978	1296	1458	1549	1390	1660	1060
spinepoint_2_x(328)	974	1296	1453	1548	1392	1660	1058
spinepoint_2_x(329)	974	1291	1445	1546	1395	1660	1054
spinepoint_2_x(330)	969	1289	1441	1545	1400	1660	1050
spinepoint_2_x(331)	965	1288	1434	1544	1402	1662	1050
spinepoint_2_x(332)	964	1283	1426	1540	1407	1664	1050
spinepoint_2_x(333)	964	1281	1422	1538	1412	1664	1052
spinepoint_2_x(334)	966	1278	1416	1535	1416	1664	1050
spinepoint_2_x(335)	965	1274	1410	1532	1417	1664	1050
spinepoint_2_x(336)	967	1271	1406	1529	1421	1663	1045
spinepoint_2_x(337)	972	1269	1401	1526	1424	1662	1040
spinepoint_2_x(338)	966	1266	1395	1521	1427	1660	1037
spinepoint_2_x(339)	968	1265	1390	1518	1430	1658	1033
spinepoint_2_x(340)	970	1264	1384	1510	1433	1655	1032
spinepoint_2_x(341)	973	1263	1379	1506	1435	1652	1030
spinepoint_2_x(342)	977	1261	1375	1500	1439	1652	1027
spinepoint_2_x(343)	981	1260	1369	1493	1440	1652	1025
spinepoint_2_x(344)	984	1256	1365	1487	1443	1652	1024
spinepoint_2_x(345)	990	1258	1364	1483	1447	1650	1022
spinepoint_2_x(346)	994	1252	1360	1478	1448	1649	1022
spinepoint_2_x(347)	998	1252	1360	1473	1451	1646	1020
spinepoint_2_x(348)	999	1248	1361	1469	1455	1646	1020
spinepoint_2_x(349)	1005	1246	1362	1463	1456	1644	1020
spinepoint_2_x(350)	1008	1245	1363	1457	1459	1645	1020
spinepoint_2_x(351)	1012	1242	1366	1452	1463	1645	1019
spinepoint_2_x(352)	1014	1241	1365	1447	1463	1646	1019
spinepoint_2_x(353)	1021	1237	1367	1440	1466	1647	1018
spinepoint_2_x(354)	1021	1234	1367	1435	1466	1650	1018
spinepoint_2_x(355)	1024	1234	1367	1433	1468	1650	1018
spinepoint_2_x(356)	1027	1231	1371	1426	1468	1650	1018
spinepoint_2_x(357)	1027	1230	1371	1425	1468	1648	1020
spinepoint_2_x(358)	1028	1228	1374	1419	1470	1645	1022
spinepoint_2_x(359)	1028	1226	1378	1415	1470	1648	1022
spinepoint_2_y(0)	1370	1332	1080	1027	924	872	833
spinepoint_2_y(1)	1371	1334	1078	1024	926	877	835
spinepoint_2_y(2)	1374	1336	1076	1017	928	881	839
spinepoint_2_y(3)	1374	1342	1074	1018	928	885	840
spinepoint_2_y(4)	1376	1343	1072	1015	931	888	842
spinepoint_2_y(5)	1380	1347	1072	1012	930	890	845
spinepoint_2_y(6)	1380	1352	1072	1011	935	893	848
spinepoint_2_y(7)	1385	1355	1071	1007	937	896	850
spinepoint_2_y(8)	1387	1362	1071	1005	940	898	854

spinepoint_2_y(9)	1389	1366	1070	1002	943	899	854
spinepoint_2_y(10)	1391	1370	1070	1000	946	903	857
spinepoint_2_y(11)	1394	1371	1070	995	948	905	862
spinepoint_2_y(12)	1393	1381	1070	993	957	908	862
spinepoint_2_y(13)	1392	1384	1070	989	959	910	864
spinepoint_2_y(14)	1390	1386	1071	988	961	909	868
spinepoint_2_y(15)	1388	1390	1075	984	965	912	870
spinepoint_2_y(16)	1384	1395	1078	985	967	912	877
spinepoint_2_y(17)	1380	1402	1079	984	967	912	876
spinepoint_2_y(18)	1376	1400	1078	986	970	910	880
spinepoint_2_y(19)	1372	1406	1084	987	972	909	885
spinepoint_2_y(20)	1365	1411	1087	992	972	908	885
spinepoint_2_y(21)	1364	1417	1085	995	972	905	888
spinepoint_2_y(22)	1364	1420	1087	1000	974	903	891
spinepoint_2_y(23)	1361	1419	1094	1004	974	904	897
spinepoint_2_y(24)	1358	1425	1101	1008	974	902	898
spinepoint_2_y(25)	1357	1427	1109	1014	970	901	903
spinepoint_2_y(26)	1354	1428	1117	1017	970	902	906
spinepoint_2_y(27)	1354	1428	1117	1017	970	902	906
spinepoint_2_y(28)	1351	1429	1122	1026	967	903	909
spinepoint_2_y(29)	1350	1426	1129	1027	966	902	914
spinepoint_2_y(30)	1347	1429	1135	1031	966	904	918
spinepoint_2_y(31)	1347	1433	1143	1035	964	907	922
spinepoint_2_y(32)	1346	1436	1152	1040	962	913	924
spinepoint_2_y(33)	1344	1438	1155	1044	962	917	926
spinepoint_2_y(34)	1344	1439	1162	1049	960	920	927
spinepoint_2_y(35)	1344	1436	1166	1050	962	922	924
spinepoint_2_y(36)	1344	1437	1173	1055	962	925	925
spinepoint_2_y(37)	1344	1441	1182	1057	962	928	924
spinepoint_2_y(38)	1342	1444	1185	1061	962	931	924
spinepoint_2_y(39)	1342	1449	1189	1064	967	935	924
spinepoint_2_y(40)	1341	1450	1192	1069	970	937	922
spinepoint_2_y(41)	1338	1450	1194	1073	972	939	918
spinepoint_2_y(42)	1335	1451	1198	1078	973	944	921
spinepoint_2_y(43)	1331	1450	1199	1083	974	948	921
spinepoint_2_y(44)	1329	1449	1202	1087	978	951	920
spinepoint_2_y(45)	1325	1447	1204	1088	979	955	920
spinepoint_2_y(46)	1322	1449	1204	1089	980	958	920
spinepoint_2_y(47)	1317	1449	1205	1092	982	961	918
spinepoint_2_y(48)	1312	1452	1204	1096	985	965	915
spinepoint_2_y(49)	1310	1451	1204	1097	986	967	915
spinepoint_2_y(50)	1306	1451	1204	1102	988	970	909
spinepoint_2_y(51)	1301	1451	1206	1105	990	974	904
spinepoint_2_y(52)	1296	1449	1206	1109	991	979	902
spinepoint_2_y(53)	1296	1447	1206	1113	993	978	900
spinepoint_2_y(54)	1290	1442	1207	1115	994	982	902
spinepoint_2_y(55)	1287	1441	1206	1115	996	983	904
spinepoint_2_y(56)	1277	1435	1208	1116	998	982	903
spinepoint_2_y(57)	1276	1433	1209	1117	1000	985	906
spinepoint_2_y(58)	1271	1431	1210	1117	1001	988	908

spinepoint_2_y(59)	1265	1425	1212	1116	1002	989	908
spinepoint_2_y(60)	1262	1420	1214	1116	1002	992	909
spinepoint_2_y(61)	1257	1419	1217	1116	1002	996	912
spinepoint_2_y(62)	1252	1411	1220	1117	1003	998	912
spinepoint_2_y(63)	1247	1410	1223	1118	1004	1002	913
spinepoint_2_y(64)	1242	1406	1226	1121	1004	1006	915
spinepoint_2_y(65)	1239	1400	1228	1122	1004	1009	916
spinepoint_2_y(66)	1234	1399	1231	1124	1000	1012	917
spinepoint_2_y(67)	1233	1393	1234	1126	1000	1017	919
spinepoint_2_y(68)	1230	1389	1236	1126	993	1019	921
spinepoint_2_y(69)	1223	1387	1238	1127	993	1021	922
spinepoint_2_y(70)	1219	1381	1240	1126	994	1024	925
spinepoint_2_y(71)	1213	1376	1242	1127	997	1025	926
spinepoint_2_y(72)	1214	1376	1246	1124	995	1029	928
spinepoint_2_y(73)	1209	1374	1248	1120	994	1034	928
spinepoint_2_y(74)	1206	1369	1250	1116	996	1040	928
spinepoint_2_y(75)	1203	1364	1253	1112	1000	1041	928
spinepoint_2_y(76)	1199	1366	1254	1107	998	1049	931
spinepoint_2_y(77)	1195	1363	1256	1101	1000	1051	933
spinepoint_2_y(78)	1191	1361	1258	1095	1000	1055	936
spinepoint_2_y(79)	1186	1362	1260	1091	1003	1058	941
spinepoint_2_y(80)	1180	1361	1262	1086	1002	1061	944
spinepoint_2_y(81)	1179	1359	1264	1083	1004	1063	947
spinepoint_2_y(82)	1173	1358	1267	1078	1004	1065	952
spinepoint_2_y(83)	1167	1358	1270	1074	1005	1064	953
spinepoint_2_y(84)	1163	1359	1274	1071	1003	1066	960
spinepoint_2_y(85)	1159	1361	1277	1067	1006	1066	966
spinepoint_2_y(86)	1155	1362	1278	1062	1006	1063	969
spinepoint_2_y(87)	1152	1361	1280	1056	1006	1059	972
spinepoint_2_y(88)	1148	1364	1284	1055	1006	1054	974
spinepoint_2_y(89)	1145	1366	1286	1050	1006	1051	974
spinepoint_2_y(90)	1142	1368	1291	1044	1006	1045	975
spinepoint_2_y(91)	1140	1369	1292	1039	1006	1043	975
spinepoint_2_y(92)	1138	1370	1295	1035	1004	1036	973
spinepoint_2_y(93)	1134	1374	1296	1033	1004	1033	970
spinepoint_2_y(94)	1134	1377	1298	1029	1004	1029	968
spinepoint_2_y(95)	1134	1379	1300	1024			967
spinepoint_2_y(96)	1132	1384	1302	1019			968
spinepoint_2_y(97)	1131	1387	1305	1014			968
spinepoint_2_y(98)	1130	1390	1310	1010			966
spinepoint_2_y(99)	1130	1395	1313	1006			967
spinepoint_2_y(100)	1134	1397	1318	1001			970
spinepoint_2_y(101)	1138	1400	1320	998			971
spinepoint_2_y(102)	1140	1406	1325	990			974
spinepoint_2_y(103)	1138	1407	1329	990	985	1010	977
spinepoint_2_y(104)	1138	1413	1332	984	984	1008	974
spinepoint_2_y(105)	1138	1418	1333	979	978	1008	974
spinepoint_2_y(106)	1137	1418	1336	973	977	1007	973
spinepoint_2_y(107)	1139	1422	1337	971	974	1008	971
spinepoint_2_y(108)	1136	1428	1338	966	970	1008	968

spinepoint_2_y(109)	1134	1432	1340	959	967	1008	966
spinepoint_2_y(110)	1133	1434	1340	957	963	1008	964
spinepoint_2_y(111)	1131	1441	1339	951	960	1006	964
spinepoint_2_y(112)	1130	1444	1338	947	958	1002	962
spinepoint_2_y(113)	1128	1446	1337	942	953	1000	962
spinepoint_2_y(114)	1126	1454	1334	937	952	994	960
spinepoint_2_y(115)	1124	1458	1333	934	947	988	960
spinepoint_2_y(116)	1124	1456	1330	930	945	984	958
spinepoint_2_y(117)	1122	1455	1326	930	937	980	958
spinepoint_2_y(118)	1121	1457	1323	926	937	977	958
spinepoint_2_y(119)	1120	1455	1318	926	934	975	958
spinepoint_2_y(120)	1119	1452	1313	924	932	969	956
spinepoint_2_y(121)	1118	1447	1308	920	929	964	957
spinepoint_2_y(122)	1118	1446	1306	919	922	966	956
spinepoint_2_y(123)	1116	1446	1301	917	919	959	958
spinepoint_2_y(124)	1116	1441	1296	918	918	954	958
spinepoint_2_y(125)	1115	1438	1290	917	912	955	962
spinepoint_2_y(126)	1114	1434	1286	918	909	955	964
spinepoint_2_y(127)	1114	1430	1280	917	905	954	966
spinepoint_2_y(128)	1114	1427	1275	918	903	954	964
spinepoint_2_y(129)	1116	1422	1271	918	900	952	961
spinepoint_2_y(130)	1116	1420	1263	917	894	955	962
spinepoint_2_y(131)	1117	1416	1260	917	891	957	962
spinepoint_2_y(132)	1118	1413	1254	917	890	959	961
spinepoint_2_y(133)	1118	1410	1248	918	885	964	960
spinepoint_2_y(134)	1120	1408	1243	918	884	968	958
spinepoint_2_y(135)	1120	1405	1238	919	881	973	956
spinepoint_2_y(136)	1122	1401	1231	920	876	979	955
spinepoint_2_y(137)	1122	1396	1227	922	871	985	951
spinepoint_2_y(138)	1124	1393	1221	922	872	986	949
spinepoint_2_y(139)	1126	1391	1215	925	866	990	945
spinepoint_2_y(140)	1128	1388	1210	928	865	995	943
spinepoint_2_y(141)	1130	1384	1205	930	860	1001	939
spinepoint_2_y(142)	1130	1382	1197	934	861	1002	936
spinepoint_2_y(143)	1132	1378	1189	939	856	1009	932
spinepoint_2_y(144)	1134	1375	1185	940	856	1011	930
spinepoint_2_y(145)	1136	1374	1180	943	854	1016	929
spinepoint_2_y(146)	1138	1371	1173	945	852	1021	930
spinepoint_2_y(147)	1138	1369	1169	948	852	1028	931
spinepoint_2_y(148)	1141	1367	1160	950	850	1028	933
spinepoint_2_y(149)	1141	1366	1156	949	850	1035	936
spinepoint_2_y(150)	1144	1364	1151	951	850	1040	941
spinepoint_2_y(151)	1146	1364	1145	952	848	1040	945
spinepoint_2_y(152)	1147	1361	1138	954	848	1046	949
spinepoint_2_y(153)	1151	1360	1133	954	848	1046	954
spinepoint_2_y(154)	1152	1360	1126	954	846	1050	958
spinepoint_2_y(155)	1157	1358	1123	953	846	1050	963
spinepoint_2_y(156)	1159	1356	1116	953	846	1051	967
spinepoint_2_y(157)	1166	1355	1114	952	848	1050	972
spinepoint_2_y(158)	1166	1352	1105	950	848	1050	976

spinepoint_2_y(159)	1170	1350	1100	950	850	1046	981
spinepoint_2_y(160)	1175	1346	1098	948	852	1045	986
spinepoint_2_y(161)	1176	1341	1090	946	854	1041	991
spinepoint_2_y(162)	1179	1338	1087	946	856	1037	997
spinepoint_2_y(163)	1184	1335	1085	945	857	1038	1002
spinepoint_2_y(164)	1186	1331	1079	946	858	1031	1008
spinepoint_2_y(165)	1188	1330	1074	945	862	1032	1013
spinepoint_2_y(166)	1193	1325	1069	944	863	1030	1018
spinepoint_2_y(167)	1196	1320	1066	945	869	1026	1021
spinepoint_2_y(168)	1198	1317	1062	945	871	1023	1028
spinepoint_2_y(169)	1202	1313	1056	947	873	1023	1035
spinepoint_2_y(170)	1204	1310	1050	950	875	1019	1037
spinepoint_2_y(171)	1209	1311	1043	953	881	1016	1041
spinepoint_2_y(172)	1211	1306	1040	954	883	1012	1048
spinepoint_2_y(173)	1212	1303	1032	960	887	1008	1053
spinepoint_2_y(174)	1216	1299	1024	965	891	1004	1058
spinepoint_2_y(175)	1218	1292	1021	969	896	1002	1062
spinepoint_2_y(176)	1220	1290	1017	974	899	991	1067
spinepoint_2_y(177)	1222	1288	1011	977	903	991	1073
spinepoint_2_y(178)	1224	1285	1007	983	905	990	1079
spinepoint_2_y(179)	1224	1281	1000	989	910		1084
spinepoint_2_y(180)	1222	1279	994	992	915		1087
spinepoint_2_y(181)	1222	1274	991	996	912		1094
spinepoint_2_y(182)	1220	1271	987	1002	914		1099
spinepoint_2_y(183)	1216	1270	980	1004	912		1105
spinepoint_2_y(184)	1211	1264	976	1010	913		1109
spinepoint_2_y(185)	1206	1261	972	1011	909		1112
spinepoint_2_y(186)	1202	1258	967	1015	912		1121
spinepoint_2_y(187)	1196	1254	960	1018	910		1122
spinepoint_2_y(188)	1192	1252	959	1018	910		1132
spinepoint_2_y(189)	1185	1249	952	1019	912		1133
spinepoint_2_y(190)	1182	1244	947	1016	911		1138
spinepoint_2_y(191)	1174	1242	942	1015	911	973	1142
spinepoint_2_y(192)	1174	1236	940	1012	911	975	1149
spinepoint_2_y(193)	1169	1233	932	1010	918	974	1152
spinepoint_2_y(194)	1164	1231	929	1005	924	976	1155
spinepoint_2_y(195)	1159	1228	925	1003	931	975	1159
spinepoint_2_y(196)	1155	1225	919	999	936	978	1161
spinepoint_2_y(197)	1150	1220	917	995	936	980	1165
spinepoint_2_y(198)	1150	1219	913	989	941	982	1168
spinepoint_2_y(199)	1146	1214	911	985	947	984	1174
spinepoint_2_y(200)	1140	1213	907	982	948	988	1176
spinepoint_2_y(201)	1141	1208	906	976	952	993	1181
spinepoint_2_y(202)	1135	1204	901	971	956	993	1184
spinepoint_2_y(203)	1133	1203	899	966	959	999	1189
spinepoint_2_y(204)	1128	1199	898	959	963	1002	1192
spinepoint_2_y(205)	1121	1197	894	956	966	1009	1196
spinepoint_2_y(206)	1117	1193	892	950	972	1012	1198
spinepoint_2_y(207)	1115	1191	889	948	974	1017	1202
spinepoint_2_y(208)	1107	1188	888	939	978	1019	1204

spinepoint_2_y(209)	1106	1183	886	940	977	1023	1208
spinepoint_2_y(210)	1100	1180	886	935	982	1027	1211
spinepoint_2_y(211)	1100	1175	885	932	986	1029	1214
spinepoint_2_y(212)	1098	1171	884	932	988	1039	1218
spinepoint_2_y(213)	1096	1169	885	930	994	1040	1220
spinepoint_2_y(214)	1097	1163	886	934	996	1043	1221
spinepoint_2_y(215)	1095	1159	888	932	1000	1047	1224
spinepoint_2_y(216)	1094	1158	889	934	1003	1050	1226
spinepoint_2_y(217)	1093	1153	892	933	1003	1057	1230
spinepoint_2_y(218)	1092	1148	896	934	1006	1058	1233
spinepoint_2_y(219)	1092	1148	899	935	1008	1063	1236
spinepoint_2_y(220)	1092	1143	902	936	1013	1065	1240
spinepoint_2_y(221)	1092	1141	903	936	1017	1066	1242
spinepoint_2_y(222)	1092	1139	906	935	1018	1071	1244
spinepoint_2_y(223)	1092	1133	908	936	1024	1072	1248
spinepoint_2_y(224)	1093	1130	911	936	1025	1074	1250
spinepoint_2_y(225)	1094	1126	915	937	1031	1076	1254
spinepoint_2_y(226)	1095	1125	917	938	1036	1081	1254
spinepoint_2_y(227)	1099	1122	920	938	1038	1083	1254
spinepoint_2_y(228)	1100	1120	924	941	1043	1085	1256
spinepoint_2_y(229)	1101	1116	929	944	1047	1088	1256
spinepoint_2_y(230)	1101	1111	934	944	1051	1091	1257
spinepoint_2_y(231)	1099	1111	937	947	1053	1095	1257
spinepoint_2_y(232)	1100	1110	942	948	1056	1098	1256
spinepoint_2_y(233)	1100	1110	948	950	1061	1102	1256
spinepoint_2_y(234)	1098	1109	952	952	1066	1104	1257
spinepoint_2_y(235)	1101	1110	955	953	1066	1105	1257
spinepoint_2_y(236)	1108	1111	960	957	1069	1109	1256
spinepoint_2_y(237)	1110	1115	964	957	1072	1111	1256
spinepoint_2_y(238)	1114	1116	969		1075	1113	1255
spinepoint_2_y(239)	1119	1116	974		1078	1114	1254
spinepoint_2_y(240)	1121	1117	980		1083	1117	1253
spinepoint_2_y(241)	1125	1115	986	962	1088	1117	1250
spinepoint_2_y(242)	1129	1112	994	961	1091	1118	1249
spinepoint_2_y(243)	1130		998	962		1119	1246
spinepoint_2_y(244)	1134		1002	964		1119	1243
spinepoint_2_y(245)	1135		1007	964		1120	1238
spinepoint_2_y(246)	1137		1012	963		1120	1236
spinepoint_2_y(247)	1138		1022	958		1120	1233
spinepoint_2_y(248)	1138		1026	953		1122	1228
spinepoint_2_y(249)	1138		1030	950		1122	1225
spinepoint_2_y(250)	1136		1036	944		1122	1223
spinepoint_2_y(251)	1136		1043	939		1122	1218
spinepoint_2_y(252)	1134		1050	933		1122	1216
spinepoint_2_y(253)	1132		1058	928		1120	1211
spinepoint_2_y(254)	1129		1061	923		1119	1208
spinepoint_2_y(255)	1127		1070	920		1116	1207
spinepoint_2_y(256)	1125		1077	915		1113	1209
spinepoint_2_y(257)	1123	1126	1082	909	1145	1112	1208
spinepoint_2_y(258)	1121	1125	1088	908	1148	1109	1210

spinepoint_2_y(259)	1120	1125	1095	900	1152	1106	1207
spinepoint_2_y(260)	1117	1128	1099	900	1155	1102	1208
spinepoint_2_y(261)	1115	1130	1107	895	1157	1102	1206
spinepoint_2_y(262)	1112	1132	1112	891	1162	1098	1205
spinepoint_2_y(263)	1109	1134	1119	886	1166	1095	1202
spinepoint_2_y(264)	1107	1134	1124	881	1168	1094	1202
spinepoint_2_y(265)	1105	1135	1129	877	1172	1090	1200
spinepoint_2_y(266)	1103	1136	1136	872	1173	1087	1196
spinepoint_2_y(267)	1096	1138	1140	870	1177	1086	1194
spinepoint_2_y(268)	1094	1139	1145	867	1182	1082	1191
spinepoint_2_y(269)	1091	1140	1152	864	1185	1077	1188
spinepoint_2_y(270)	1086	1140	1160	860	1187	1073	1188
spinepoint_2_y(271)	1082	1142	1166	856	1193	1070	1185
spinepoint_2_y(272)	1080	1142	1174	853	1194	1063	1184
spinepoint_2_y(273)	1074	1144	1180	849	1196	1056	1183
spinepoint_2_y(274)	1071	1145	1185	846	1200	1054	1184
spinepoint_2_y(275)	1066	1147	1192	842	1201	1052	1184
spinepoint_2_y(276)	1064	1147	1197	840	1204	1048	1186
spinepoint_2_y(277)	1058	1148	1200	836	1206	1047	1187
spinepoint_2_y(278)	1052	1150	1198	833	1208	1042	1187
spinepoint_2_y(279)	1053	1152	1199	830	1211	1039	1183
spinepoint_2_y(280)	1047	1153	1199	829	1214	1036	1181
spinepoint_2_y(281)	1042	1152	1197	826	1217	1032	1182
spinepoint_2_y(282)	1034	1154	1198	823	1220	1028	1182
spinepoint_2_y(283)	1033	1155	1196	819	1225	1022	1189
spinepoint_2_y(284)	1029	1156	1193	817	1227	1021	1190
spinepoint_2_y(285)	1023	1158	1190	815	1230	1017	1193
spinepoint_2_y(286)	1020	1158	1186	814	1235	1014	1199
spinepoint_2_y(287)	1015	1160	1182	812	1237	1012	1205
spinepoint_2_y(288)	1012	1161	1181	812	1242	1010	1210
spinepoint_2_y(289)	1008	1162	1176	808	1244	1008	1214
spinepoint_2_y(290)	1005	1162	1172	807	1249	1002	1219
spinepoint_2_y(291)	1000	1164	1165	804	1252	1000	1224
spinepoint_2_y(292)	995	1164	1165	803	1255	1000	1228
spinepoint_2_y(293)	991	1166	1159	802	1259	993	1232
spinepoint_2_y(294)	987	1166	1153	799	1263	990	1234
spinepoint_2_y(295)	987	1166	1150	799	1265	986	1239
spinepoint_2_y(296)	982	1166	1148	799	1267	980	1243
spinepoint_2_y(297)	979	1167	1144	800	1271	975	1247
spinepoint_2_y(298)	976	1169	1141	801	1277	969	1251
spinepoint_2_y(299)	972	1170	1136	803	1277	965	1255
spinepoint_2_y(300)	970	1170	1132	804	1283	960	1259
spinepoint_2_y(301)	967	1170	1129	806	1285	955	1263
spinepoint_2_y(302)	963	1172	1130	808	1286	949	1267
spinepoint_2_y(303)	961	1174	1130	810	1289	945	1271
spinepoint_2_y(304)	957	1173	1128	814	1289	941	1277
spinepoint_2_y(305)	959	1174	1127	816	1290	938	1277
spinepoint_2_y(306)	955	1175	1128	820	1289	932	1276
spinepoint_2_y(307)	952	1176	1128	823	1288	932	1276
spinepoint_2_y(308)	950	1177	1129	826	1285	926	1276

spinepoint_2_y(309)	945	1178	1130	828	1286	921	1276
spinepoint_2_y(310)	943	1179	1130	833	1286	916	1278
spinepoint_2_y(311)	940	1179	1130	835	1286	914	1278
spinepoint_2_y(312)	935	1182	1132	838	1288	911	1274
spinepoint_2_y(313)	933	1182	1132	840	1285	905	1279
spinepoint_2_y(314)	931	1183	1134	844	1283	898	1279
spinepoint_2_y(315)	929	1184	1136	850	1281	895	1282
spinepoint_2_y(316)	927	1184	1136	854	1280	892	1282
spinepoint_2_y(317)	924	1186	1138	860	1278	888	1276
spinepoint_2_y(318)	920	1186	1140	859	1272	881	1282
spinepoint_2_y(319)	917	1188	1140	864	1269	876	1283
spinepoint_2_y(320)	917	1189	1141	870	1268	876	1285
spinepoint_2_y(321)	913	1189	1141	872	1268	869	1285
spinepoint_2_y(322)	910	1190	1141	878	1266	864	1287
spinepoint_2_y(323)	908	1192	1141	882	1265	862	1290
spinepoint_2_y(324)	906	1194	1141	889	1264	855	1290
spinepoint_2_y(325)	902	1194	1141	893	1262	852	1294
spinepoint_2_y(326)	900	1196	1141	899	1261	845	1295
spinepoint_2_y(327)	897	1198	1141	902	1258	846	1296
spinepoint_2_y(328)	896	1198	1142	908	1258	839	1296
spinepoint_2_y(329)	895	1202	1143	913	1256	837	1300
spinepoint_2_y(330)	893	1203	1144	916	1254	830	1304
spinepoint_2_y(331)	891	1203	1144	919	1252	824	1305
spinepoint_2_y(332)	890	1206	1144	926	1250	819	1300
spinepoint_2_y(333)	887	1207	1144	928	1248	816	1295
spinepoint_2_y(334)	888	1209	1142	934	1246	812	1295
spinepoint_2_y(335)	889	1211	1142	939	1246	807	1295
spinepoint_2_y(336)	889	1214	1142	942	1244	803	1293
spinepoint_2_y(337)	892	1214	1140	944	1241	797	1287
spinepoint_2_y(338)	893	1217	1140	947	1239	791	1282
spinepoint_2_y(339)	895	1217	1137	947	1236	786	1277
spinepoint_2_y(340)	901	1218	1134	950	1232	779	1273
spinepoint_2_y(341)	903	1220	1130	950	1230	773	1269
spinepoint_2_y(342)	907	1220	1129	948	1225	769	1262
spinepoint_2_y(343)	909	1221	1125	948	1223	763	1256
spinepoint_2_y(344)	909	1223	1121	945	1218	760	1255
spinepoint_2_y(345)	910	1222	1119	945	1213	754	1250
spinepoint_2_y(346)	911	1226	1114	942	1211	751	1246
spinepoint_2_y(347)	911	1227	1113	942	1207	743	1237
spinepoint_2_y(348)	911	1229	1114	942	1203	736	1233
spinepoint_2_y(349)	910	1232	1113	942	1200	729	1229
spinepoint_2_y(350)	908	1233	1117	942	1196	726	1225
spinepoint_2_y(351)	908	1236	1122	942	1189	727	1216
spinepoint_2_y(352)	906	1238	1125	943	1189	728	1216
spinepoint_2_y(353)	902	1243	1129	942	1181	730	1206
spinepoint_2_y(354)	902	1246	1132	941	1176	730	1203
spinepoint_2_y(355)	899	1246	1136	939	1175	732	1199
spinepoint_2_y(356)	896	1250	1142	938	1170	731	1195
spinepoint_2_y(357)	893	1252	1140	936	1165	731	1190
spinepoint_2_y(358)	890	1255	1143	931	1160	732	1183

spinepoint_2_y(359)	887	1259	1146	927	1157	729	1180
spinepoint_3_x(0)	1198	1439	1678	1163	1599	1216	1366
spinepoint_3_x(1)	1197	1438	1685	1167	1603	1220	1367
spinepoint_3_x(2)	1191	1438	1690	1174	1604	1222	1368
spinepoint_3_x(3)	1188	1435	1694	1174	1605	1226	1369
spinepoint_3_x(4)	1185	1435	1701	1176	1609	1230	1369
spinepoint_3_x(5)	1178	1434	1707	1181	1607	1234	1369
spinepoint_3_x(6)	1179	1434	1713	1181	1611	1235	1371
spinepoint_3_x(7)	1170	1432	1716	1187	1612	1238	1371
spinepoint_3_x(8)	1168	1431	1722	1188	1615	1240	1372
spinepoint_3_x(9)	1162	1430	1728	1193	1615	1243	1372
spinepoint_3_x(10)	1157	1430	1732	1196	1616	1248	1373
spinepoint_3_x(11)	1152	1430	1736	1201	1616	1250	1374
spinepoint_3_x(12)	1153	1430	1733	1203	1618	1254	1374
spinepoint_3_x(13)	1154	1430	1737	1207	1617	1260	1374
spinepoint_3_x(14)	1154	1430	1734	1209	1616	1262	1375
spinepoint_3_x(15)	1151	1428	1741	1216	1615	1267	1374
spinepoint_3_x(16)	1145	1428	1742	1214	1613	1268	1374
spinepoint_3_x(17)	1141	1428	1744	1215	1613	1272	1374
spinepoint_3_x(18)	1141	1428	1744	1214	1613	1273	1374
spinepoint_3_x(19)	1141	1430	1750	1215	1608	1282	1374
spinepoint_3_x(20)	1140	1429	1751	1217	1608	1280	1374
spinepoint_3_x(21)	1141	1430	1750	1216	1605	1287	1373
spinepoint_3_x(22)	1144	1430	1750	1221	1600	1288	1374
spinepoint_3_x(23)	1146	1430	1753	1223	1598	1288	1377
spinepoint_3_x(24)	1150	1430	1754	1225	1593	1290	1376
spinepoint_3_x(25)	1153	1430	1752	1227	1589	1290	1378
spinepoint_3_x(26)	1157	1430	1750	1228	1588	1290	1379
spinepoint_3_x(27)	1157	1430	1750	1228	1588	1290	1379
spinepoint_3_x(28)	1162	1431	1747	1229	1583	1290	1379
spinepoint_3_x(29)	1164	1432	1743	1229	1581	1289	1381
spinepoint_3_x(30)	1167	1432	1740	1229	1578	1289	1383
spinepoint_3_x(31)	1169	1432	1734	1230	1575	1284	1384
spinepoint_3_x(32)	1173	1433	1731	1228	1571	1286	1384
spinepoint_3_x(33)	1179	1434	1728	1228	1568	1284	1385
spinepoint_3_x(34)	1179	1431	1725	1226	1566	1282	1384
spinepoint_3_x(35)	1188	1431	1721	1225	1568	1280	1384
spinepoint_3_x(36)	1189	1430	1718	1224	1569	1276	1384
spinepoint_3_x(37)	1191	1431	1713	1222	1569	1273	1384
spinepoint_3_x(38)	1200	1432	1709	1220	1566	1271	1384
spinepoint_3_x(39)	1201	1431	1706	1219	1561	1268	1385
spinepoint_3_x(40)	1198	1430	1702	1216	1556	1267	1385
spinepoint_3_x(41)	1206	1429	1699	1215	1555	1267	1382
spinepoint_3_x(42)	1211	1428	1693	1213	1554	1267	1382
spinepoint_3_x(43)	1218	1430	1690	1211	1552	1267	1382
spinepoint_3_x(44)	1220	1424	1684	1208	1548	1267	1380
spinepoint_3_x(45)	1223	1433	1679	1207	1544	1267	1377
spinepoint_3_x(46)	1227	1438	1675	1204	1542	1267	1377
spinepoint_3_x(47)	1231	1442	1670	1202	1540	1268	1377
spinepoint_3_x(48)	1234	1446	1668	1198	1533	1268	1379

spinepoint_3_x(49)	1235	1447	1659	1197	1531	1270	1379
spinepoint_3_x(50)	1238	1445	1657	1193	1526	1271	1377
spinepoint_3_x(51)	1241	1447	1647	1190	1522	1273	1377
spinepoint_3_x(52)	1244	1444	1643	1186	1520	1276	1378
spinepoint_3_x(53)	1244	1445	1638	1182	1517	1277	1378
spinepoint_3_x(54)	1245	1447	1632	1178	1514	1281	1378
spinepoint_3_x(55)	1246	1433	1626	1176	1509	1281	1377
spinepoint_3_x(56)	1250	1436	1623	1170	1506	1282	1377
spinepoint_3_x(57)	1251	1435	1617	1169	1502	1286	1372
spinepoint_3_x(58)	1252	1436	1613	1163	1498	1291	1374
spinepoint_3_x(59)	1254	1440	1609	1161	1495	1294	1370
spinepoint_3_x(60)	1254	1442	1602	1155	1492	1296	1367
spinepoint_3_x(61)	1256	1441	1597	1153	1487	1298	1363
spinepoint_3_x(62)	1257	1443	1591	1145	1485	1303	1362
spinepoint_3_x(63)	1258	1444	1587	1143	1482	1306	1359
spinepoint_3_x(64)	1258	1444	1582	1134	1486	1309	1352
spinepoint_3_x(65)	1258	1444	1579	1133	1486	1312	1353
spinepoint_3_x(66)	1260	1443	1573	1126	1484	1314	1348
spinepoint_3_x(67)	1260	1442	1567	1121	1487	1317	1345
spinepoint_3_x(68)	1260	1442	1563	1115	1484	1319	1342
spinepoint_3_x(69)	1262	1441	1558	1111	1485	1323	1338
spinepoint_3_x(70)	1262	1440	1552	1107	1485	1323	1335
spinepoint_3_x(71)	1263	1440	1550	1101	1485	1323	1331
spinepoint_3_x(72)	1264	1440	1543	1095	1486	1327	1328
spinepoint_3_x(73)	1267	1439	1539	1089	1488	1330	1326
spinepoint_3_x(74)	1269	1437	1534	1087	1488	1334	1326
spinepoint_3_x(75)	1271	1437	1529	1082	1484	1334	1327
spinepoint_3_x(76)	1272	1437	1523	1081	1484	1337	1328
spinepoint_3_x(77)	1275	1435	1515	1077	1479	1340	1326
spinepoint_3_x(78)	1277	1432	1510	1072	1475	1343	1323
spinepoint_3_x(79)	1281	1432	1503	1071	1470	1346	1319
spinepoint_3_x(80)	1283	1431	1499	1069	1469	1352	1318
spinepoint_3_x(81)	1284	1429	1493	1068	1462	1357	1315
spinepoint_3_x(82)	1287	1422	1485	1065	1460	1364	1314
spinepoint_3_x(83)	1289	1420	1478	1065	1455	1363	1313
spinepoint_3_x(84)	1291	1419	1470	1062	1455	1370	1310
spinepoint_3_x(85)	1292	1417	1463	1062	1452	1372	1308
spinepoint_3_x(86)	1295	1413	1459	1061	1447	1381	1307
spinepoint_3_x(87)	1296	1409	1454	1060	1447	1385	1306
spinepoint_3_x(88)	1299	1404	1446	1060	1441	1391	1305
spinepoint_3_x(89)	1300	1400	1438	1058	1437	1393	1306
spinepoint_3_x(90)	1304	1398	1431	1057	1433	1398	1307
spinepoint_3_x(91)	1305	1396	1427	1054	1430	1397	1306
spinepoint_3_x(92)	1308	1391	1421	1053	1425	1402	1306
spinepoint_3_x(93)	1314	1388	1417	1054	1423	1403	1303
spinepoint_3_x(94)	1313	1385	1410	1052	1418	1405	1301
spinepoint_3_x(95)	1311	1382	1404	1050			1299
spinepoint_3_x(96)	1311	1381	1399	1048			1297
spinepoint_3_x(97)	1308	1379	1394	1048			1298
spinepoint_3_x(98)	1312	1373	1388	1048			1303

spinepoint_3_x(99)	1312	1372	1383	1047			1302
spinepoint_3_x(100)	1312	1370	1375	1045			1299
spinepoint_3_x(101)	1309	1365	1371	1046			1303
spinepoint_3_x(102)	1306	1364	1366	1046			1303
spinepoint_3_x(103)	1307	1362	1360	1046	1392	1402	1304
spinepoint_3_x(104)	1306	1358	1355	1048	1389	1399	1302
spinepoint_3_x(105)	1307	1358	1351	1048	1385	1397	1304
spinepoint_3_x(106)	1309	1357	1344	1051	1384	1392	1304
spinepoint_3_x(107)	1307	1353	1343	1052	1381	1387	1302
spinepoint_3_x(108)	1307	1352	1343	1052	1379	1387	1299
spinepoint_3_x(109)	1307	1350	1343	1056	1377	1383	1294
spinepoint_3_x(110)	1305	1349	1346	1055	1374	1379	1290
spinepoint_3_x(111)	1303	1347	1342	1058	1373	1377	1285
spinepoint_3_x(112)	1300	1349	1342	1060	1372	1378	1281
spinepoint_3_x(113)	1297	1348	1339	1060	1369	1375	1276
spinepoint_3_x(114)	1292	1350	1331	1062	1368	1371	1272
spinepoint_3_x(115)	1289	1352	1325	1065	1366	1368	1268
spinepoint_3_x(116)	1283	1352	1318	1067	1365	1365	1261
spinepoint_3_x(117)	1279	1353	1310	1069	1361	1364	1258
spinepoint_3_x(118)	1273	1353	1305	1073	1361	1362	1256
spinepoint_3_x(119)	1270	1352	1298	1077	1360	1362	1251
spinepoint_3_x(120)	1263	1353	1293	1082	1360	1359	1244
spinepoint_3_x(121)	1264	1354	1288	1088	1358	1358	1241
spinepoint_3_x(122)	1257	1345	1284	1092	1356	1359	1239
spinepoint_3_x(123)	1254	1343	1282	1097	1356	1357	1243
spinepoint_3_x(124)	1252	1341	1277	1100	1355	1355	1245
spinepoint_3_x(125)	1245	1341	1272	1104	1354	1355	1243
spinepoint_3_x(126)	1240	1352	1271	1110	1353	1355	1244
spinepoint_3_x(127)	1239	1351	1268	1116	1352	1354	1243
spinepoint_3_x(128)	1233	1350	1265	1119	1352	1355	1243
spinepoint_3_x(129)	1231	1349	1262	1126	1351	1355	1242
spinepoint_3_x(130)	1229	1347	1260	1127	1350	1358	1244
spinepoint_3_x(131)	1221	1346	1258	1134	1350	1360	1244
spinepoint_3_x(132)	1220	1346	1257	1139	1350	1362	1247
spinepoint_3_x(133)	1214	1346	1256	1143	1351	1364	1251
spinepoint_3_x(134)	1210	1346	1254	1146	1350	1367	1255
spinepoint_3_x(135)	1209	1345	1252	1151	1351	1369	1262
spinepoint_3_x(136)	1201	1347	1250	1155	1352	1372	1265
spinepoint_3_x(137)	1200	1347	1250	1162	1354	1376	1272
spinepoint_3_x(138)	1194	1350	1249	1163	1354	1374	1276
spinepoint_3_x(139)	1190	1350	1248	1169	1356	1375	1281
spinepoint_3_x(140)	1186	1351	1247	1173	1357	1375	1284
spinepoint_3_x(141)	1181	1354	1246	1178	1359	1377	1291
spinepoint_3_x(142)	1180	1355	1244	1180	1360	1377	1294
spinepoint_3_x(143)	1178	1357	1244	1188	1363	1378	1299
spinepoint_3_x(144)	1172	1360	1242	1188	1364	1379	1299
spinepoint_3_x(145)	1171	1362	1242	1192	1368	1379	1301
spinepoint_3_x(146)	1163	1364	1242	1195	1372	1380	1300
spinepoint_3_x(147)	1159	1367	1242	1200	1375	1381	1300
spinepoint_3_x(148)	1152	1368	1244	1205	1381	1381	1303

spinepoint_3_x(149)	1152	1372	1246	1210	1385	1383	1305
spinepoint_3_x(150)	1147	1374	1246	1215	1387	1385	1310
spinepoint_3_x(151)	1144	1376	1246	1218	1393	1386	1312
spinepoint_3_x(152)	1144	1380	1246	1223	1397	1390	1316
spinepoint_3_x(153)	1137	1385	1247	1227	1398	1391	1320
spinepoint_3_x(154)	1136	1383	1248	1231	1405	1396	1322
spinepoint_3_x(155)	1131	1388	1248	1237	1408	1397	1325
spinepoint_3_x(156)	1128	1391	1248	1242	1413	1404	1327
spinepoint_3_x(157)	1121	1392	1249	1246	1415	1407	1329
spinepoint_3_x(158)	1122	1396	1250	1252	1418	1411	1332
spinepoint_3_x(159)	1119	1400	1251	1256	1421	1418	1333
spinepoint_3_x(160)	1115	1404	1251	1264	1427	1418	1334
spinepoint_3_x(161)	1114	1408	1254	1268	1430	1427	1334
spinepoint_3_x(162)	1111	1409	1254	1273	1435	1430	1337
spinepoint_3_x(163)	1108	1412	1254	1278	1437	1429	1338
spinepoint_3_x(164)	1105	1414	1258	1282	1439	1437	1339
spinepoint_3_x(165)	1105	1415	1260	1288	1444	1436	1339
spinepoint_3_x(166)	1100	1417	1264	1292	1445	1439	1340
spinepoint_3_x(167)	1099	1420	1266	1298	1449	1445	1341
spinepoint_3_x(168)	1098	1420	1268	1301	1452	1449	1341
spinepoint_3_x(169)	1094	1422	1271	1307	1453	1451	1342
spinepoint_3_x(170)	1093	1423	1275	1311	1454	1455	1342
spinepoint_3_x(171)	1088	1422	1276	1315	1458	1458	1342
spinepoint_3_x(172)	1087	1424	1277	1316	1458	1463	1343
spinepoint_3_x(173)	1084	1421	1278	1322	1461	1466	1344
spinepoint_3_x(174)	1081	1423	1278	1323	1462	1469	1344
spinepoint_3_x(175)	1076	1426	1278	1324	1462	1470	1344
spinepoint_3_x(176)	1074	1426	1278	1323	1462	1474	1344
spinepoint_3_x(177)	1070	1427	1278	1324	1462	1473	1343
spinepoint_3_x(178)	1066	1428	1278	1324	1462	1473	1344
spinepoint_3_x(179)	1065	1432	1278	1324	1462		1343
spinepoint_3_x(180)	1066	1432	1278	1324	1462		1344
spinepoint_3_x(181)	1066	1433	1278	1322	1461		1342
spinepoint_3_x(182)	1065	1434	1278	1322	1460		1341
spinepoint_3_x(183)	1064	1435	1278	1322	1461		1340
spinepoint_3_x(184)	1058	1438	1278	1320	1461		1338
spinepoint_3_x(185)	1053	1440	1278	1320	1462		1338
spinepoint_3_x(186)	1051	1441	1278	1320	1462		1336
spinepoint_3_x(187)	1047	1444	1280	1319	1462		1336
spinepoint_3_x(188)	1046	1444	1281	1318	1462		1334
spinepoint_3_x(189)	1044	1445	1283	1318	1464		1333
spinepoint_3_x(190)	1042	1448	1286	1319	1464		1332
spinepoint_3_x(191)	1042	1449	1287	1318	1465	1447	1331
spinepoint_3_x(192)	1040	1451	1288	1317	1465	1446	1328
spinepoint_3_x(193)	1042	1453	1293	1314	1463	1444	1326
spinepoint_3_x(194)	1040	1453	1294	1308	1463	1447	1323
spinepoint_3_x(195)	1038	1455	1296	1305	1464	1455	1321
spinepoint_3_x(196)	1036	1457	1299	1303	1464	1456	1318
spinepoint_3_x(197)	1034	1458	1302	1298	1464	1459	1314
spinepoint_3_x(198)	1033	1460	1304	1295	1464	1461	1311

spinepoint_3_x(199)	1031	1461	1307	1292	1466	1463	1306
spinepoint_3_x(200)	1028	1461	1314	1290	1464	1466	1305
spinepoint_3_x(201)	1030	1463	1315	1289	1465	1458	1298
spinepoint_3_x(202)	1025	1464	1324	1286	1466	1456	1295
spinepoint_3_x(203)	1024	1464	1327	1286	1464	1460	1291
spinepoint_3_x(204)	1023	1466	1330	1284	1466	1461	1288
spinepoint_3_x(205)	1022	1467	1336	1284	1465	1464	1283
spinepoint_3_x(206)	1020	1468	1341	1284	1466	1464	1282
spinepoint_3_x(207)	1018	1469	1349	1284	1466	1467	1276
spinepoint_3_x(208)	1016	1469	1356	1286	1466	1468	1274
spinepoint_3_x(209)	1015	1470	1360	1286	1466	1469	1271
spinepoint_3_x(210)	1012	1471	1367	1288	1466	1472	1267
spinepoint_3_x(211)	1010	1472	1373	1288	1466	1473	1264
spinepoint_3_x(212)	1009	1472	1376	1288	1466	1477	1258
spinepoint_3_x(213)	1005	1473	1382	1288	1466	1477	1257
spinepoint_3_x(214)	1003	1474	1389	1287	1466	1478	1254
spinepoint_3_x(215)	1000	1474	1394	1288	1466	1480	1251
spinepoint_3_x(216)	994	1474	1402	1286	1466	1481	1248
spinepoint_3_x(217)	991	1474	1408	1287	1466	1484	1242
spinepoint_3_x(218)	985	1476	1414	1287	1466	1484	1238
spinepoint_3_x(219)	985	1476	1420	1293	1466	1484	1235
spinepoint_3_x(220)	978	1474	1425	1294	1464	1485	1231
spinepoint_3_x(221)	974	1476	1427	1300	1464	1486	1227
spinepoint_3_x(222)	975	1476	1432	1305	1464	1487	1225
spinepoint_3_x(223)	968	1476	1438	1306	1464	1488	1218
spinepoint_3_x(224)	966	1476	1444	1313	1464	1490	1217
spinepoint_3_x(225)	966	1476	1451	1315	1464	1490	1209
spinepoint_3_x(226)	960	1476	1456	1317	1466	1492	1209
spinepoint_3_x(227)	955	1476	1461	1318	1466	1495	1207
spinepoint_3_x(228)	955	1476	1467	1322	1468	1496	1201
spinepoint_3_x(229)	954	1476	1471	1329	1468	1500	1198
spinepoint_3_x(230)	954	1478	1476	1328	1468	1501	1192
spinepoint_3_x(231)	952	1478	1480	1334	1469	1505	1189
spinepoint_3_x(232)	952	1478	1484	1336	1470	1507	1180
spinepoint_3_x(233)	950	1476	1490	1340	1470	1510	1178
spinepoint_3_x(234)	954	1476	1494	1344	1472	1513	1171
spinepoint_3_x(235)	954	1476	1497	1346	1472	1516	1169
spinepoint_3_x(236)	952	1476	1502	1349	1473	1518	1162
spinepoint_3_x(237)	954	1477	1506	1350	1474	1523	1159
spinepoint_3_x(238)	954	1476	1510		1476	1526	1154
spinepoint_3_x(239)	956	1477	1514		1476	1526	1150
spinepoint_3_x(240)	956	1464	1518		1478	1534	1147
spinepoint_3_x(241)	959	1469	1521	1371	1480	1534	1140
spinepoint_3_x(242)	962	1468	1525	1367	1480	1538	1137
spinepoint_3_x(243)	964		1528	1363		1544	1132
spinepoint_3_x(244)	970		1530	1361		1546	1127
spinepoint_3_x(245)	971		1532	1360		1554	1120
spinepoint_3_x(246)	978		1532	1363		1555	1117
spinepoint_3_x(247)	979		1532	1365		1558	1113
spinepoint_3_x(248)	983		1532	1364		1566	1109

spinepoint_3_x(249)	986		1532	1363		1565	1105
spinepoint_3_x(250)	995		1534	1355		1573	1102
spinepoint_3_x(251)	996		1535	1355		1576	1098
spinepoint_3_x(252)	1001		1536	1355		1574	1097
spinepoint_3_x(253)	1003		1538	1354		1581	1093
spinepoint_3_x(254)	1009		1538	1354		1583	1091
spinepoint_3_x(255)	1014		1540	1352		1589	1090
spinepoint_3_x(256)	1018		1540	1352		1593	1093
spinepoint_3_x(257)	1021	1473	1540	1350	1475	1593	1092
spinepoint_3_x(258)	1026	1474	1540	1349	1474	1601	1092
spinepoint_3_x(259)	1030	1473	1538	1348	1472	1604	1092
spinepoint_3_x(260)	1034	1471	1538	1348	1471	1609	1090
spinepoint_3_x(261)	1037	1469	1536	1348	1469	1609	1086
spinepoint_3_x(262)	1043	1467	1536	1348	1468	1615	1083
spinepoint_3_x(263)	1047	1466	1532	1348	1465	1621	1078
spinepoint_3_x(264)	1051	1463	1530	1348	1464	1622	1076
spinepoint_3_x(265)	1054	1463	1528	1350	1461	1626	1072
spinepoint_3_x(266)	1057	1460	1525	1350	1461	1630	1065
spinepoint_3_x(267)	1062	1458	1522	1352	1458	1630	1063
spinepoint_3_x(268)	1065	1455	1521	1355	1455	1633	1058
spinepoint_3_x(269)	1067	1451	1517	1357	1454	1637	1052
spinepoint_3_x(270)	1070	1451	1514	1359	1453	1638	1052
spinepoint_3_x(271)	1074	1449	1512	1362	1448	1639	1046
spinepoint_3_x(272)	1074	1445	1511	1364	1447	1642	1043
spinepoint_3_x(273)	1076	1444	1510	1366	1445	1644	1042
spinepoint_3_x(274)	1077	1442	1507	1370	1441	1646	1042
spinepoint_3_x(275)	1078	1439	1503	1372	1439	1645	1042
spinepoint_3_x(276)	1080	1438	1502	1376	1437	1649	1045
spinepoint_3_x(277)	1080	1438	1498	1379	1434	1649	1046
spinepoint_3_x(278)	1084	1435	1498	1383	1432	1654	1048
spinepoint_3_x(279)	1082	1431	1487	1385	1428	1655	1047
spinepoint_3_x(280)	1085	1430	1495	1388	1424	1658	1047
spinepoint_3_x(281)	1086	1431	1502	1390	1422	1661	1047
spinepoint_3_x(282)	1086	1426	1511	1395	1419	1665	1049
spinepoint_3_x(283)	1086	1426	1517	1400	1416	1669	1052
spinepoint_3_x(284)	1087	1424	1519	1401	1414	1672	1052
spinepoint_3_x(285)	1087	1420	1506	1406	1410	1673	1053
spinepoint_3_x(286)	1088	1417	1512	1408	1408	1675	1050
spinepoint_3_x(287)	1087	1417	1516	1412	1405	1677	1050
spinepoint_3_x(288)	1088	1413	1518	1414	1401	1680	1050
spinepoint_3_x(289)	1086	1409	1523	1421	1399	1682	1049
spinepoint_3_x(290)	1086	1409	1528	1424	1397	1684	1048
spinepoint_3_x(291)	1086	1405	1533	1430	1394	1685	1046
spinepoint_3_x(292)	1086	1401	1533	1433	1390	1685	1046
spinepoint_3_x(293)	1085	1397	1539	1437	1388	1688	1046
spinepoint_3_x(294)	1084	1397	1543	1442	1384	1688	1045
spinepoint_3_x(295)	1084	1390	1545	1447	1381	1689	1044
spinepoint_3_x(296)	1084	1390	1546	1447	1380	1690	1044
spinepoint_3_x(297)	1082	1389	1549	1456	1376	1690	1044
spinepoint_3_x(298)	1082	1383	1553	1458	1373	1689	1044

spinepoint_3_x(299)	1078	1379	1560	1463	1372	1688	1044
spinepoint_3_x(300)	1077	1381	1563	1468	1368	1686	1043
spinepoint_3_x(301)	1072	1376	1566	1471	1367	1684	1042
spinepoint_3_x(302)	1067	1372	1567	1477	1366	1682	1042
spinepoint_3_x(303)	1063	1368	1573	1480	1363	1681	1042
spinepoint_3_x(304)	1060	1366	1562	1484	1363	1680	1040
spinepoint_3_x(305)	1062	1364	1556	1486	1362	1679	1040
spinepoint_3_x(306)	1057	1363	1562	1493	1363	1677	1040
spinepoint_3_x(307)	1054	1361	1561	1495	1364	1677	1040
spinepoint_3_x(308)	1053	1357	1558	1500	1361	1675	1039
spinepoint_3_x(309)	1046	1354	1555	1502	1365	1674	1036
spinepoint_3_x(310)	1046	1352	1551	1506	1363	1672	1033
spinepoint_3_x(311)	1042	1349	1549	1509	1363	1671	1033
spinepoint_3_x(312)	1037	1347	1544	1512	1365	1670	1036
spinepoint_3_x(313)	1035	1343	1540	1515	1370	1669	1032
spinepoint_3_x(314)	1032	1340	1535	1518	1370	1666	1033
spinepoint_3_x(315)	1029	1339	1528	1522	1369	1665	1033
spinepoint_3_x(316)	1025	1337	1525	1526	1368	1664	1031
spinepoint_3_x(317)	1022	1332	1518	1532	1373	1664	1033
spinepoint_3_x(318)	1017	1330	1512	1531	1370	1662	1032
spinepoint_3_x(319)	1014	1329	1507	1535	1370	1662	1032
spinepoint_3_x(320)	1012	1323	1504	1540	1370	1662	1035
spinepoint_3_x(321)	1008	1322	1498	1541	1374	1661	1038
spinepoint_3_x(322)	1003	1320	1493	1544	1375	1662	1040
spinepoint_3_x(323)	1001	1315	1489	1544	1376	1661	1045
spinepoint_3_x(324)	1000	1315	1481	1549	1378	1661	1045
spinepoint_3_x(325)	993	1313	1477	1550	1379	1660	1051
spinepoint_3_x(326)	990	1307	1472	1549	1380	1660	1053
spinepoint_3_x(327)	985	1305	1468	1548	1382	1660	1052
spinepoint_3_x(328)	982	1305	1462	1548	1385	1659	1051
spinepoint_3_x(329)	982	1300	1455	1546	1388	1660	1052
spinepoint_3_x(330)	977	1298	1451	1546	1392	1659	1052
spinepoint_3_x(331)	973	1296	1445	1546	1394	1660	1050
spinepoint_3_x(332)	973	1292	1435	1543	1398	1662	1050
spinepoint_3_x(333)	972	1290	1432	1541	1403	1662	1052
spinepoint_3_x(334)	973	1286	1426	1538	1407	1662	1051
spinepoint_3_x(335)	971	1284	1419	1536	1409	1662	1051
spinepoint_3_x(336)	972	1280	1416	1532	1413	1662	1050
spinepoint_3_x(337)	974	1277	1411	1531	1416	1662	1048
spinepoint_3_x(338)	972	1273	1404	1527	1419	1660	1045
spinepoint_3_x(339)	976	1274	1398	1524	1423	1660	1039
spinepoint_3_x(340)	974	1273	1392	1518	1427	1657	1037
spinepoint_3_x(341)	976	1272	1387	1516	1429	1654	1035
spinepoint_3_x(342)	977	1267	1382	1508	1432	1654	1031
spinepoint_3_x(343)	979	1268	1378	1503	1434	1652	1028
spinepoint_3_x(344)	982	1265	1372	1496	1438	1651	1028
spinepoint_3_x(345)	984	1266	1370	1491	1442	1651	1025
spinepoint_3_x(346)	986	1261	1366	1487	1442	1650	1024
spinepoint_3_x(347)	990	1260	1365	1481	1445	1648	1022
spinepoint_3_x(348)	992	1256	1360	1479	1450	1646	1022

spinepoint_3_x(349)	996	1255	1363	1472	1452	1645	1020
spinepoint_3_x(350)	999	1254	1357	1467	1454	1645	1021
spinepoint_3_x(351)	1003	1249	1359	1461	1459	1645	1020
spinepoint_3_x(352)	1005	1247	1363	1457	1458	1645	1020
spinepoint_3_x(353)	1012	1243	1362	1450	1462	1645	1018
spinepoint_3_x(354)	1012	1241	1366	1443	1464	1645	1018
spinepoint_3_x(355)	1016	1241	1369	1443	1465	1647	1018
spinepoint_3_x(356)	1021	1237	1377	1435	1466	1648	1018
spinepoint_3_x(357)	1020	1237	1377	1433	1467	1646	1018
spinepoint_3_x(358)	1023	1234	1380	1426	1468	1644	1020
spinepoint_3_x(359)	1024	1231	1386	1423	1469	1644	1020
spinepoint_3_y(0)	1364	1321	1080	1032	924	868	825
spinepoint_3_y(1)	1365	1325	1078	1029	924	872	827
spinepoint_3_y(2)	1369	1327	1078	1025	924	876	831
spinepoint_3_y(3)	1370	1334	1076	1025	924	880	831
spinepoint_3_y(4)	1373	1334	1074	1022	927	882	833
spinepoint_3_y(5)	1376	1338	1072	1018	925	886	837
spinepoint_3_y(6)	1376	1343	1072	1018	928	887	839
spinepoint_3_y(7)	1381	1346	1070	1013	930	890	841
spinepoint_3_y(8)	1382	1352	1070	1011	933	892	845
spinepoint_3_y(9)	1384	1356	1070	1008	934	894	846
spinepoint_3_y(10)	1387	1361	1070	1004	939	898	849
spinepoint_3_y(11)	1390	1362	1070	1001	940	900	853
spinepoint_3_y(12)	1389	1372	1068	998	947	902	852
spinepoint_3_y(13)	1388	1373	1068	995	950	906	855
spinepoint_3_y(14)	1386	1378	1070	993	952	906	860
spinepoint_3_y(15)	1387	1380	1070	990	956	909	860
spinepoint_3_y(16)	1386	1385	1071	990	960	909	867
spinepoint_3_y(17)	1386	1392	1073	990	959	910	867
spinepoint_3_y(18)	1384	1391	1073	991	963	910	870
spinepoint_3_y(19)	1379	1397	1078	992	966	910	876
spinepoint_3_y(20)	1373	1401	1080	992	965	908	877
spinepoint_3_y(21)	1373	1408	1080	992	967	906	880
spinepoint_3_y(22)	1373	1409	1079	994	972	906	883
spinepoint_3_y(23)	1368	1409	1085	997	971	907	889
spinepoint_3_y(24)	1364	1415	1092	1000	973	906	890
spinepoint_3_y(25)	1363	1417	1098	1006	972	903	895
spinepoint_3_y(26)	1359	1419	1108	1009	972	905	897
spinepoint_3_y(27)	1359	1419	1108	1009	972	905	897
spinepoint_3_y(28)	1356	1419	1114	1015	970	905	901
spinepoint_3_y(29)	1354	1416	1122	1018	971	905	905
spinepoint_3_y(30)	1351	1419	1128	1022	969	905	909
spinepoint_3_y(31)	1351	1423	1135	1026	968	907	913
spinepoint_3_y(32)	1350	1426	1142	1031	966	907	915
spinepoint_3_y(33)	1347	1429	1147	1035	965	909	916
spinepoint_3_y(34)	1348	1431	1153	1040	964	913	920
spinepoint_3_y(35)	1346	1428	1159	1040	964	915	917
spinepoint_3_y(36)	1345	1429	1165	1046	965	918	918
spinepoint_3_y(37)	1345	1430	1173	1049	964	920	917
spinepoint_3_y(38)	1344	1433	1178	1053	963	923	917

spinepoint_3_y(39)	1342	1439	1181	1055	964	928	918
spinepoint_3_y(40)	1342	1440	1186	1061	966	929	916
spinepoint_3_y(41)	1341	1441	1188	1064	967	931	913
spinepoint_3_y(42)	1339	1442	1194	1069	970	936	913
spinepoint_3_y(43)	1335	1440	1196	1074	971	940	912
spinepoint_3_y(44)	1335	1455	1198	1079	974	942	913
spinepoint_3_y(45)	1331	1453	1200	1079	975	948	914
spinepoint_3_y(46)	1327	1455	1202	1084	977	950	914
spinepoint_3_y(47)	1323	1457	1204	1085	978	954	915
spinepoint_3_y(48)	1320	1458	1204	1090	981	958	911
spinepoint_3_y(49)	1319	1458	1206	1090	982	960	913
spinepoint_3_y(50)	1314	1458	1206	1096	984	963	912
spinepoint_3_y(51)	1310	1453	1206	1099	985	967	910
spinepoint_3_y(52)	1304	1448	1206	1103	987	972	908
spinepoint_3_y(53)	1305	1443	1208	1105	988	971	907
spinepoint_3_y(54)	1298	1434	1206	1108	989	975	908
spinepoint_3_y(55)	1296	1441	1206	1109	991	975	910
spinepoint_3_y(56)	1286	1441	1208	1109	994	976	909
spinepoint_3_y(57)	1286	1438	1209	1112	996	980	908
spinepoint_3_y(58)	1280	1436	1210	1114	998	983	908
spinepoint_3_y(59)	1274	1433	1212	1114	999	986	907
spinepoint_3_y(60)	1270	1429	1212	1114	1000	988	907
spinepoint_3_y(61)	1267	1427	1214	1114	1001	990	908
spinepoint_3_y(62)	1262	1422	1216	1115	1001	992	909
spinepoint_3_y(63)	1255	1419	1219	1116	1002	995	910
spinepoint_3_y(64)	1251	1416	1221	1118	1003	1000	912
spinepoint_3_y(65)	1247	1410	1224	1118	1002	1002	912
spinepoint_3_y(66)	1243	1409	1227	1122	1002	1006	914
spinepoint_3_y(67)	1242	1403	1230	1122	1002	1010	916
spinepoint_3_y(68)	1239	1399	1232	1122	1000	1011	917
spinepoint_3_y(69)	1232	1396	1235	1124	1000	1015	919
spinepoint_3_y(70)	1228	1390	1237	1123	1000	1017	921
spinepoint_3_y(71)	1222	1384	1240	1125	1001	1018	922
spinepoint_3_y(72)	1223	1385	1242	1124	999	1022	924
spinepoint_3_y(73)	1216	1382	1244	1123	1000	1027	925
spinepoint_3_y(74)	1213	1377	1246	1121	999	1033	925
spinepoint_3_y(75)	1211	1374	1248	1117	998	1034	925
spinepoint_3_y(76)	1206	1374	1251	1114	1000	1042	926
spinepoint_3_y(77)	1203	1371	1255	1108	1000	1044	926
spinepoint_3_y(78)	1199	1369	1256	1102	1001	1049	928
spinepoint_3_y(79)	1195	1370	1259	1100	1002	1052	933
spinepoint_3_y(80)	1188	1367	1260	1094	1002	1056	935
spinepoint_3_y(81)	1187	1365	1262	1091	1003	1059	938
spinepoint_3_y(82)	1181	1365	1265	1086	1003	1061	943
spinepoint_3_y(83)	1177	1364	1268	1083	1004	1061	945
spinepoint_3_y(84)	1172	1362	1270	1080	1004	1063	951
spinepoint_3_y(85)	1168	1362	1274	1076	1004	1064	958
spinepoint_3_y(86)	1164	1362	1276	1072	1004	1064	959
spinepoint_3_y(87)	1161	1361	1278	1065	1005	1063	964
spinepoint_3_y(88)	1155	1365	1281	1066	1004	1060	966

spinepoint_3_y(89)	1152	1365	1284	1059	1005	1057	966
spinepoint_3_y(90)	1149	1367	1286	1054	1005	1051	967
spinepoint_3_y(91)	1147	1367	1288	1047	1005	1051	968
spinepoint_3_y(92)	1144	1369	1292	1044	1005	1043	967
spinepoint_3_y(93)	1141	1372	1293	1042	1005	1041	967
spinepoint_3_y(94)	1139	1373	1296	1036	1004	1038	967
spinepoint_3_y(95)	1139	1376	1298	1033			967
spinepoint_3_y(96)	1138	1380	1300	1028			968
spinepoint_3_y(97)	1138	1382	1302	1023			966
spinepoint_3_y(98)	1136	1386	1304	1017			963
spinepoint_3_y(99)	1136	1390	1308	1015			963
spinepoint_3_y(100)	1139	1391	1313	1009			964
spinepoint_3_y(101)	1142	1395	1316	1007			964
spinepoint_3_y(102)	1144	1400	1319	999			965
spinepoint_3_y(103)	1143	1400	1324	1000	992	1014	968
spinepoint_3_y(104)	1144	1407	1326	993	990	1013	966
spinepoint_3_y(105)	1143	1411	1329	988	985	1012	967
spinepoint_3_y(106)	1144	1411	1334	981	985	1012	966
spinepoint_3_y(107)	1144	1415	1334	981	982	1009	967
spinepoint_3_y(108)	1143	1421	1336	975	979	1009	968
spinepoint_3_y(109)	1142	1424	1337	969	975	1009	966
spinepoint_3_y(110)	1142	1426	1338	967	972	1008	966
spinepoint_3_y(111)	1138	1433	1336	960	969	1007	964
spinepoint_3_y(112)	1137	1434	1336	956	966	1006	964
spinepoint_3_y(113)	1135	1437	1336	951	961	1005	962
spinepoint_3_y(114)	1131	1444	1336	947	960	1001	962
spinepoint_3_y(115)	1130	1449	1335	942	955	996	961
spinepoint_3_y(116)	1128	1447	1334	938	954	992	960
spinepoint_3_y(117)	1125	1445	1331	937	946	988	960
spinepoint_3_y(118)	1123	1448	1328	932	945	984	958
spinepoint_3_y(119)	1123	1446	1324	930	942	983	958
spinepoint_3_y(120)	1121	1442	1320	928	942	977	958
spinepoint_3_y(121)	1121	1439	1315	925	938	972	958
spinepoint_3_y(122)	1121	1444	1313	923	931	974	956
spinepoint_3_y(123)	1118	1442	1309	921	929	966	958
spinepoint_3_y(124)	1118	1432	1304	921	925	963	958
spinepoint_3_y(125)	1118	1429	1299	920	921	962	958
spinepoint_3_y(126)	1117	1437	1295	919	918	962	959
spinepoint_3_y(127)	1117	1435	1289	920	915	962	960
spinepoint_3_y(128)	1116	1433	1285	918	911	961	958
spinepoint_3_y(129)	1116	1431	1280	919	909	959	957
spinepoint_3_y(130)	1116	1428	1272	918	903	962	954
spinepoint_3_y(131)	1116	1425	1270	918	901	964	955
spinepoint_3_y(132)	1116	1422	1263	918	898	963	956
spinepoint_3_y(133)	1118	1420	1258	918	895	967	957
spinepoint_3_y(134)	1118	1417	1253	918	893	968	958
spinepoint_3_y(135)	1118	1413	1247	920	890	972	958
spinepoint_3_y(136)	1120	1411	1241	920	884	973	957
spinepoint_3_y(137)	1120	1406	1237	920	879	979	954
spinepoint_3_y(138)	1122	1402	1231	922	880	980	952

spinepoint_3_y(139)	1124	1400	1226	924	874	984	950
spinepoint_3_y(140)	1125	1397	1219	925	874	988	948
spinepoint_3_y(141)	1126	1392	1215	926	868	993	944
spinepoint_3_y(142)	1127	1391	1208	927	867	994	942
spinepoint_3_y(143)	1128	1385	1199	934	863	1001	937
spinepoint_3_y(144)	1130	1383	1196	934	862	1004	937
spinepoint_3_y(145)	1132	1382	1191	939	858	1008	935
spinepoint_3_y(146)	1135	1378	1182	940	855	1012	935
spinepoint_3_y(147)	1136	1376	1178	945	855	1020	936
spinepoint_3_y(148)	1138	1374	1169	946	852	1021	935
spinepoint_3_y(149)	1138	1372	1164	948	850	1027	937
spinepoint_3_y(150)	1140	1371	1161	950	850	1032	938
spinepoint_3_y(151)	1142	1369	1155	950	849	1032	941
spinepoint_3_y(152)	1142	1367	1147	952	849	1039	944
spinepoint_3_y(153)	1145	1363	1143	954	848	1039	948
spinepoint_3_y(154)	1148	1365	1136	954	847	1045	951
spinepoint_3_y(155)	1152	1362	1132	954	848	1045	956
spinepoint_3_y(156)	1153	1359	1125	954	847	1048	958
spinepoint_3_y(157)	1160	1358	1122	952	848	1047	964
spinepoint_3_y(158)	1160	1356	1115	952	847	1049	968
spinepoint_3_y(159)	1163	1356	1111	952	847	1047	972
spinepoint_3_y(160)	1167	1350	1107	950	849	1047	978
spinepoint_3_y(161)	1169	1348	1099	950	850	1044	981
spinepoint_3_y(162)	1172	1346	1096	950	852	1042	989
spinepoint_3_y(163)	1176	1342	1093	948	853	1042	994
spinepoint_3_y(164)	1180	1340	1088	948	854	1036	999
spinepoint_3_y(165)	1181	1338	1082	947	857	1037	1003
spinepoint_3_y(166)	1187	1334	1077	946	858	1035	1009
spinepoint_3_y(167)	1188	1330	1073	946	861	1030	1011
spinepoint_3_y(168)	1189	1327	1070	946	864	1029	1019
spinepoint_3_y(169)	1195	1322	1064	946	866	1027	1025
spinepoint_3_y(170)	1196	1320	1059	947	868	1022	1030
spinepoint_3_y(171)	1202	1320	1053	948	874	1021	1032
spinepoint_3_y(172)	1204	1317	1049	949	874	1017	1038
spinepoint_3_y(173)	1206	1312	1042	954	879	1015	1044
spinepoint_3_y(174)	1210	1309	1034	957	882	1010	1049
spinepoint_3_y(175)	1213	1302	1031	961	887	1008	1053
spinepoint_3_y(176)	1216	1299	1026	964	890	999	1057
spinepoint_3_y(177)	1217	1298	1022	968	895	999	1065
spinepoint_3_y(178)	1218	1295	1016	974	896	998	1069
spinepoint_3_y(179)	1220	1290	1011	979	901		1075
spinepoint_3_y(180)	1218	1288	1005	982	905		1078
spinepoint_3_y(181)	1216	1282	1001	987	903		1085
spinepoint_3_y(182)	1218	1279	997	992	904		1090
spinepoint_3_y(183)	1218	1279	989	995	905		1097
spinepoint_3_y(184)	1216	1271	986	1000	905		1102
spinepoint_3_y(185)	1212	1270	982	1002	902		1104
spinepoint_3_y(186)	1208	1267	976	1007	905		1112
spinepoint_3_y(187)	1204	1262	968	1009	902		1114
spinepoint_3_y(188)	1201	1261	967	1011	902		1123

spinepoint_3_y(189)	1193	1258	960	1011	903		1124
spinepoint_3_y(190)	1191	1253	955	1009	903		1130
spinepoint_3_y(191)	1183	1251	950	1012	904	964	1134
spinepoint_3_y(192)	1184	1244	949	1011	904	967	1141
spinepoint_3_y(193)	1178	1242	940	1010	909	967	1144
spinepoint_3_y(194)	1173	1241	938	1007	915	969	1149
spinepoint_3_y(195)	1168	1236	933	1006	921	974	1151
spinepoint_3_y(196)	1164	1233	928	1004	927	976	1154
spinepoint_3_y(197)	1159	1229	925	1000	926	980	1159
spinepoint_3_y(198)	1158	1228	919	996	933	984	1161
spinepoint_3_y(199)	1154	1223	916	993	937	989	1167
spinepoint_3_y(200)	1149	1223	911	992	939	993	1169
spinepoint_3_y(201)	1150	1216	910	984	942	990	1174
spinepoint_3_y(202)	1143	1214	906	980	946	994	1177
spinepoint_3_y(203)	1142	1212	904	975	950	996	1182
spinepoint_3_y(204)	1136	1208	902	968	952	1000	1186
spinepoint_3_y(205)	1131	1207	898	965	957	1003	1190
spinepoint_3_y(206)	1126	1203	896	960	962	1007	1192
spinepoint_3_y(207)	1124	1199	892	957	965	1011	1196
spinepoint_3_y(208)	1116	1196	890	948	970	1013	1197
spinepoint_3_y(209)	1115	1192	888	950	968	1016	1201
spinepoint_3_y(210)	1108	1189	886	944	973	1019	1205
spinepoint_3_y(211)	1108	1184	886	941	976	1023	1208
spinepoint_3_y(212)	1105	1179	884	940	978	1032	1212
spinepoint_3_y(213)	1102	1179	884	939	985	1032	1214
spinepoint_3_y(214)	1102	1174	886	940	986	1036	1215
spinepoint_3_y(215)	1100	1167	886	940	991	1040	1219
spinepoint_3_y(216)	1098	1169	886	941	994	1043	1220
spinepoint_3_y(217)	1096	1163	888	941	994	1050	1225
spinepoint_3_y(218)	1096	1159	891	941	998	1050	1227
spinepoint_3_y(219)	1095	1157	894	938	998	1054	1230
spinepoint_3_y(220)	1094	1153	897	938	1004	1057	1234
spinepoint_3_y(221)	1094	1151	898	938	1008	1059	1237
spinepoint_3_y(222)	1094	1149	902	937	1009	1062	1239
spinepoint_3_y(223)	1092	1143	904	937	1014	1064	1243
spinepoint_3_y(224)	1094	1139	906	936	1017	1067	1244
spinepoint_3_y(225)	1094	1136	910	936	1022	1069	1249
spinepoint_3_y(226)	1094	1135	912	936	1027	1074	1248
spinepoint_3_y(227)	1096	1131	914	936	1028	1077	1249
spinepoint_3_y(228)	1096	1131	918	938	1035	1078	1252
spinepoint_3_y(229)	1097	1127	922	940	1038	1081	1254
spinepoint_3_y(230)	1096	1121	927	940	1042	1084	1254
spinepoint_3_y(231)	1095	1121	931	944	1044	1088	1255
spinepoint_3_y(232)	1096	1120	935	944	1047	1092	1256
spinepoint_3_y(233)	1096	1119	940	946	1052	1095	1256
spinepoint_3_y(234)	1095	1119	945	948	1058	1098	1256
spinepoint_3_y(235)	1096	1119	947	949	1058	1100	1256
spinepoint_3_y(236)	1099	1119	953	951	1061	1102	1256
spinepoint_3_y(237)	1102	1120	956	952	1064	1106	1256
spinepoint_3_y(238)	1106	1119	961		1067	1108	1256

spinepoint_3_y(239)	1110	1118	967		1070	1107	1254
spinepoint_3_y(240)	1112	1114	973		1075	1113	1254
spinepoint_3_y(241)	1118	1108	978	968	1079	1113	1252
spinepoint_3_y(242)	1120	1104	985	969	1082	1115	1252
spinepoint_3_y(243)	1123		989	971		1117	1248
spinepoint_3_y(244)	1127		992	973		1117	1248
spinepoint_3_y(245)	1128		999	973		1119	1243
spinepoint_3_y(246)	1132		1003	968		1119	1241
spinepoint_3_y(247)	1134		1012	957		1119	1238
spinepoint_3_y(248)	1135		1016	945		1120	1234
spinepoint_3_y(249)	1135		1020	942		1119	1231
spinepoint_3_y(250)	1136		1026	950		1121	1229
spinepoint_3_y(251)	1136		1033	947		1122	1224
spinepoint_3_y(252)	1135		1040	942		1120	1222
spinepoint_3_y(253)	1134		1048	937		1120	1218
spinepoint_3_y(254)	1133		1051	932		1119	1216
spinepoint_3_y(255)	1130		1060	929		1118	1215
spinepoint_3_y(256)	1128		1067	924		1117	1216
spinepoint_3_y(257)	1126	1120	1072	918	1138	1117	1217
spinepoint_3_y(258)	1125	1120	1079	916	1140	1113	1217
spinepoint_3_y(259)	1123	1120	1085	909	1144	1111	1215
spinepoint_3_y(260)	1121	1124	1090	909	1146	1107	1215
spinepoint_3_y(261)	1118	1126	1098	904	1150	1106	1213
spinepoint_3_y(262)	1116	1128	1103	901	1153	1103	1211
spinepoint_3_y(263)	1114	1130	1111	895	1158	1099	1208
spinepoint_3_y(264)	1112	1130	1116	890	1160	1098	1206
spinepoint_3_y(265)	1109	1131	1121	887	1165	1095	1205
spinepoint_3_y(266)	1108	1134	1128	881	1165	1092	1201
spinepoint_3_y(267)	1102	1134	1133	879	1169	1092	1199
spinepoint_3_y(268)	1100	1136	1137	874	1175	1089	1197
spinepoint_3_y(269)	1098	1137	1144	872	1177	1083	1194
spinepoint_3_y(270)	1093	1138	1151	869	1179	1081	1192
spinepoint_3_y(271)	1089	1139	1156	864	1185	1077	1189
spinepoint_3_y(272)	1088	1140	1165	860	1186	1071	1188
spinepoint_3_y(273)	1083	1140	1171	857	1190	1064	1187
spinepoint_3_y(274)	1079	1140	1176	853	1193	1061	1187
spinepoint_3_y(275)	1075	1143	1184	851	1196	1058	1188
spinepoint_3_y(276)	1072	1142	1189	847	1197	1055	1191
spinepoint_3_y(277)	1067	1143	1194	844	1201	1055	1192
spinepoint_3_y(278)	1061	1144	1192	840	1203	1048	1193
spinepoint_3_y(279)	1062	1147	1206	838	1204	1045	1191
spinepoint_3_y(280)	1055	1147	1205	835	1209	1041	1190
spinepoint_3_y(281)	1051	1146	1202	834	1211	1039	1191
spinepoint_3_y(282)	1043	1149	1197	829	1214	1035	1190
spinepoint_3_y(283)	1043	1150	1192	825	1218	1029	1195
spinepoint_3_y(284)	1039	1151	1188	825	1220	1026	1196
spinepoint_3_y(285)	1033	1154	1191	820	1223	1023	1196
spinepoint_3_y(286)	1031	1154	1190	820	1227	1020	1196
spinepoint_3_y(287)	1023	1155	1188	816	1229	1019	1198
spinepoint_3_y(288)	1021	1157	1186	816	1235	1015	1202

spinepoint_3_y(289)	1017	1158	1182	813	1237	1014	1206
spinepoint_3_y(290)	1015	1159	1178	812	1241	1009	1211
spinepoint_3_y(291)	1010	1160	1172	810	1245	1007	1215
spinepoint_3_y(292)	1005	1161	1172	807	1247	1007	1219
spinepoint_3_y(293)	1002	1162	1166	806	1252	1000	1223
spinepoint_3_y(294)	995	1163	1160	803	1255	998	1225
spinepoint_3_y(295)	997	1163	1158	802	1259	995	1230
spinepoint_3_y(296)	991	1164	1155	803	1260	989	1234
spinepoint_3_y(297)	988	1165	1151	800	1265	984	1238
spinepoint_3_y(298)	985	1166	1147	800	1269	977	1241
spinepoint_3_y(299)	979	1168	1140	802	1270	973	1247
spinepoint_3_y(300)	979	1167	1137	802	1275	968	1250
spinepoint_3_y(301)	973	1168	1134	804	1277	963	1255
spinepoint_3_y(302)	969	1170	1135	806	1278	957	1258
spinepoint_3_y(303)	966	1170	1124	808	1281	953	1263
spinepoint_3_y(304)	965	1170	1125	811	1282	948	1268
spinepoint_3_y(305)	965	1172	1125	812	1282	946	1268
spinepoint_3_y(306)	962	1172	1136	815	1283	940	1269
spinepoint_3_y(307)	959	1172	1133	817	1281	940	1267
spinepoint_3_y(308)	958	1174	1133	820	1284	934	1268
spinepoint_3_y(309)	951	1174	1131	822	1281	928	1270
spinepoint_3_y(310)	951	1175	1130	827	1283	923	1271
spinepoint_3_y(311)	948	1177	1130	829	1282	922	1273
spinepoint_3_y(312)	942	1178	1130	833	1283	918	1270
spinepoint_3_y(313)	940	1179	1132	835	1279	913	1272
spinepoint_3_y(314)	937	1180	1132	837	1279	906	1272
spinepoint_3_y(315)	936	1181	1134	843	1278	903	1274
spinepoint_3_y(316)	932	1181	1134	847	1277	899	1274
spinepoint_3_y(317)	930	1183	1136	853	1277	895	1272
spinepoint_3_y(318)	925	1183	1138	852	1278	890	1274
spinepoint_3_y(319)	924	1184	1139	858	1277	884	1275
spinepoint_3_y(320)	922	1186	1139	863	1275	884	1276
spinepoint_3_y(321)	919	1186	1140	866	1276	878	1278
spinepoint_3_y(322)	915	1186	1141	871	1274	872	1281
spinepoint_3_y(323)	913	1188	1142	875	1271	870	1284
spinepoint_3_y(324)	913	1189	1142	881	1269	863	1284
spinepoint_3_y(325)	908	1190	1142	883	1267	860	1288
spinepoint_3_y(326)	906	1192	1142	890	1265	854	1290
spinepoint_3_y(327)	902	1194	1142	893	1263	854	1290
spinepoint_3_y(328)	902	1193	1142	899	1262	846	1289
spinepoint_3_y(329)	901	1197	1142	904	1260	844	1291
spinepoint_3_y(330)	898	1197	1143	907	1258	839	1295
spinepoint_3_y(331)	894	1200	1144	910	1256	832	1295
spinepoint_3_y(332)	892	1202	1144	917	1253	826	1291
spinepoint_3_y(333)	892	1202	1144	920	1251	823	1288
spinepoint_3_y(334)	892	1205	1144	925	1250	821	1289
spinepoint_3_y(335)	893	1206	1144	930	1249	815	1287
spinepoint_3_y(336)	894	1208	1144	934	1247	811	1289
spinepoint_3_y(337)	895	1209	1143	935	1245	805	1288
spinepoint_3_y(338)	891	1212	1142	940	1244	799	1286

spinepoint_3_y(339)	894	1212	1141	941	1241	794	1282
spinepoint_3_y(340)	895	1213	1140	946	1239	788	1280
spinepoint_3_y(341)	896	1213	1136	946	1236	781	1275
spinepoint_3_y(342)	898	1215	1134	947	1233	776	1270
spinepoint_3_y(343)	901	1215	1132	947	1230	771	1265
spinepoint_3_y(344)	902	1218	1127	946	1226	768	1263
spinepoint_3_y(345)	904	1218	1127	946	1221	762	1258
spinepoint_3_y(346)	906	1220	1122	944	1218	758	1254
spinepoint_3_y(347)	906	1221	1122	944	1215	752	1246
spinepoint_3_y(348)	908	1223	1105	944	1209	744	1242
spinepoint_3_y(349)	908	1225	1105	942	1207	737	1238
spinepoint_3_y(350)	908	1225	1110	942	1204	734	1235
spinepoint_3_y(351)	908	1229	1114	942	1197	735	1226
spinepoint_3_y(352)	907	1231	1131	942	1198	735	1225
spinepoint_3_y(353)	906	1235	1135	942	1190	737	1215
spinepoint_3_y(354)	906	1237	1140	941	1184	736	1214
spinepoint_3_y(355)	905	1238	1144	940	1184	739	1209
spinepoint_3_y(356)	903	1243	1148	940	1180	738	1203
spinepoint_3_y(357)	901	1244	1146	938	1174	737	1199
spinepoint_3_y(358)	898	1247	1149	936	1168	738	1193
spinepoint_3_y(359)	896	1250	1150	932	1165	736	1189
tail_x(0)	1203	1438	1668	1156	1593	1210	1362
tail_x(1)	1203	1438	1674	1159	1594	1214	1363
tail_x(2)	1197	1437	1680	1165	1596	1216	1363
tail_x(3)	1195	1437	1684	1166	1598	1222	1364
tail_x(4)	1193	1433	1694	1169	1600	1224	1367
tail_x(5)	1187	1434	1698	1175	1601	1229	1367
tail_x(6)	1187	1433	1702	1174	1606	1229	1366
tail_x(7)	1179	1434	1708	1180	1608	1233	1369
tail_x(8)	1175	1431	1714	1180	1610	1232	1368
tail_x(9)	1169	1428	1718	1186	1611	1237	1371
tail_x(10)	1164	1428	1726	1190	1614	1240	1370
tail_x(11)	1162	1430	1726	1194	1611	1245	1371
tail_x(12)	1162	1431	1726	1196	1615	1249	1373
tail_x(13)	1161	1430	1727	1200	1616	1252	1374
tail_x(14)	1161	1430	1726	1202	1615	1257	1375
tail_x(15)	1160	1429	1730	1206	1615	1261	1375
tail_x(16)	1153	1428	1734	1206	1615	1264	1372
tail_x(17)	1151	1428	1736	1206	1615	1264	1374
tail_x(18)	1151	1427	1736	1208	1613	1266	1371
tail_x(19)	1145	1429	1742	1208	1613	1273	1370
tail_x(20)	1145	1429	1745	1208	1610	1274	1372
tail_x(21)	1144	1430	1743	1208	1609	1278	1371
tail_x(22)	1145	1431	1742	1210	1607	1280	1372
tail_x(23)	1145	1431	1750	1218	1605	1282	1373
tail_x(24)	1146	1430	1751	1219	1601	1282	1374
tail_x(25)	1148	1430	1752	1222	1599	1282	1376
tail_x(26)	1152	1428	1753	1223	1595	1283	1377
tail_x(27)	1152	1428	1753	1223	1595	1283	1377
tail_x(28)	1154	1432	1750	1227	1593	1282	1376

tail_x(29)	1156	1433	1748	1226	1591	1282	1378
tail_x(30)	1160	1432	1745	1227	1585	1282	1381
tail_x(31)	1162	1432	1739	1227	1585	1281	1382
tail_x(32)	1166	1434	1737	1227	1581	1280	1381
tail_x(33)	1170	1433	1730	1228	1577	1278	1380
tail_x(34)	1172	1430	1731	1227	1575	1278	1382
tail_x(35)	1180	1429	1727	1226	1576	1276	1382
tail_x(36)	1181	1426	1725	1224	1577	1273	1382
tail_x(37)	1184	1428	1721	1226	1575	1270	1382
tail_x(38)	1190	1428	1715	1223	1572	1267	1380
tail_x(39)	1190	1432	1712	1222	1571	1266	1382
tail_x(40)	1190	1430	1708	1219	1566	1263	1379
tail_x(41)	1198	1431	1705	1217	1564	1263	1377
tail_x(42)	1201	1431	1703	1217	1561	1264	1377
tail_x(43)	1208	1430	1697	1216	1559	1266	1380
tail_x(44)	1210	1414	1693	1215	1555	1262	1380
tail_x(45)	1216	1443	1689	1210	1553	1265	1379
tail_x(46)	1219	1447	1683	1209	1549	1265	1379
tail_x(47)	1222	1449	1677	1209	1547	1264	1379
tail_x(48)	1225	1450	1676	1205	1542	1264	1381
tail_x(49)	1226	1453	1667	1203	1541	1264	1383
tail_x(50)	1232	1453	1665	1200	1535	1264	1383
tail_x(51)	1238	1451	1657	1197	1531	1268	1383
tail_x(52)	1236	1448	1653	1193	1527	1269	1383
tail_x(53)	1238	1449	1647	1189	1522	1273	1383
tail_x(54)	1243	1449	1641	1185	1521	1274	1383
tail_x(55)	1240	1427	1637	1183	1514	1276	1381
tail_x(56)	1248	1427	1633	1177	1514	1276	1381
tail_x(57)	1247	1428	1627	1174	1508	1280	1381
tail_x(58)	1251	1429	1623	1171	1506	1283	1381
tail_x(59)	1252	1430	1617	1169	1500	1289	1376
tail_x(60)	1253	1432	1609	1163	1499	1291	1372
tail_x(61)	1254	1433	1607	1161	1493	1290	1371
tail_x(62)	1254	1436	1601	1153	1493	1299	1369
tail_x(63)	1257	1438	1597	1151	1491	1301	1366
tail_x(64)	1255	1439	1589	1143	1492	1305	1361
tail_x(65)	1256	1440	1587	1141	1493	1307	1361
tail_x(66)	1258	1440	1581	1133	1493	1309	1355
tail_x(67)	1257	1440	1573	1131	1492	1315	1352
tail_x(68)	1259	1440	1571	1123	1493	1314	1349
tail_x(69)	1259	1436	1565	1119	1492	1320	1345
tail_x(70)	1261	1437	1561	1115	1492	1319	1343
tail_x(71)	1263	1439	1557	1111	1492	1319	1339
tail_x(72)	1261	1436	1553	1105	1491	1324	1334
tail_x(73)	1264	1433	1547	1099	1490	1328	1333
tail_x(74)	1267	1433	1541	1097	1491	1330	1335
tail_x(75)	1267	1432	1537	1089	1490	1332	1335
tail_x(76)	1268	1435	1531	1087	1491	1334	1335
tail_x(77)	1269	1435	1523	1082	1485	1338	1329
tail_x(78)	1271	1430	1519	1077	1481	1339	1329

tail_x(79)	1274	1429	1511	1075	1479	1340	1320
tail_x(80)	1278	1429	1506	1071	1475	1348	1319
tail_x(81)	1279	1429	1501	1074	1471	1350	1316
tail_x(82)	1283	1420	1493	1071	1469	1356	1316
tail_x(83)	1284	1420	1485	1067	1465	1358	1314
tail_x(84)	1286	1421	1481	1064	1463	1362	1310
tail_x(85)	1287	1421	1473	1063	1463	1366	1310
tail_x(86)	1292	1419	1467	1063	1457	1372	1306
tail_x(87)	1291	1415	1463	1063	1455	1376	1306
tail_x(88)	1294	1411	1453	1058	1449	1382	1307
tail_x(89)	1297	1408	1446	1061	1447	1384	1308
tail_x(90)	1299	1405	1441	1060	1443	1390	1307
tail_x(91)	1303	1403	1435	1057	1440	1392	1307
tail_x(92)	1302	1399	1431	1055	1435	1396	1307
tail_x(93)	1308	1395	1425	1053	1433	1401	1309
tail_x(94)	1304	1393	1417	1053	1427	1400	1307
tail_x(95)	1306	1389	1415	1052			1304
tail_x(96)	1306	1389	1407	1047			1304
tail_x(97)	1302	1387	1401	1046			1304
tail_x(98)	1304	1381	1399	1047			1309
tail_x(99)	1304	1379	1391	1048			1309
tail_x(100)	1307	1379	1384	1044			1308
tail_x(101)	1303	1373	1380	1045			1306
tail_x(102)	1300	1373	1373	1046			1304
tail_x(103)	1300	1371	1366	1044	1399	1401	1304
tail_x(104)	1300	1367	1365	1047	1397	1401	1300
tail_x(105)	1300	1364	1357	1047	1393	1399	1304
tail_x(106)	1300	1365	1351	1048	1391	1397	1303
tail_x(107)	1301	1358	1351	1046	1386	1393	1303
tail_x(108)	1301	1359	1351	1050	1385	1391	1303
tail_x(109)	1304	1356	1351	1052	1380	1390	1299
tail_x(110)	1303	1354	1353	1052	1381	1387	1297
tail_x(111)	1303	1353	1351	1056	1375	1385	1293
tail_x(112)	1302	1353	1351	1055	1375	1383	1288
tail_x(113)	1298	1351	1348	1054	1372	1379	1283
tail_x(114)	1295	1350	1341	1056	1371	1375	1279
tail_x(115)	1293	1353	1333	1062	1369	1373	1275
tail_x(116)	1289	1352	1329	1063	1366	1366	1271
tail_x(117)	1285	1353	1321	1062	1364	1367	1269
tail_x(118)	1281	1352	1313	1068	1364	1365	1263
tail_x(119)	1277	1354	1303	1070	1363	1363	1259
tail_x(120)	1271	1354	1301	1076	1360	1362	1254
tail_x(121)	1271	1355	1295	1079	1360	1361	1251
tail_x(122)	1264	1342	1291	1085	1357	1361	1249
tail_x(123)	1261	1336	1289	1090	1357	1359	1250
tail_x(124)	1259	1338	1281	1092	1355	1359	1251
tail_x(125)	1255	1338	1278	1097	1356	1357	1249
tail_x(126)	1248	1359	1274	1100	1355	1358	1249
tail_x(127)	1249	1358	1271	1108	1353	1357	1251
tail_x(128)	1241	1357	1269	1112	1351	1357	1249

tail_x(129)	1239	1357	1265	1118	1351	1361	1246
tail_x(130)	1237	1355	1260	1120	1350	1361	1244
tail_x(131)	1231	1353	1261	1124	1351	1360	1243
tail_x(132)	1227	1349	1259	1128	1349	1361	1242
tail_x(133)	1225	1351	1258	1136	1351	1362	1246
tail_x(134)	1217	1349	1255	1138	1351	1363	1248
tail_x(135)	1217	1347	1252	1144	1348	1364	1254
tail_x(136)	1211	1348	1251	1146	1349	1366	1258
tail_x(137)	1207	1348	1249	1154	1350	1368	1266
tail_x(138)	1205	1348	1248	1154	1350	1368	1269
tail_x(139)	1199	1349	1249	1162	1352	1370	1274
tail_x(140)	1197	1350	1248	1164	1355	1370	1277
tail_x(141)	1190	1354	1246	1170	1355	1373	1283
tail_x(142)	1189	1356	1244	1173	1356	1371	1285
tail_x(143)	1186	1356	1242	1178	1356	1373	1292
tail_x(144)	1179	1359	1242	1180	1360	1375	1292
tail_x(145)	1178	1361	1240	1186	1362	1376	1295
tail_x(146)	1171	1362	1241	1186	1364	1378	1295
tail_x(147)	1169	1364	1241	1192	1369	1376	1295
tail_x(148)	1161	1366	1239	1194	1373	1379	1297
tail_x(149)	1159	1368	1242	1204	1375	1378	1298
tail_x(150)	1155	1368	1242	1204	1378	1381	1300
tail_x(151)	1153	1371	1245	1210	1384	1381	1304
tail_x(152)	1151	1372	1245	1212	1388	1385	1308
tail_x(153)	1144	1376	1244	1221	1390	1386	1312
tail_x(154)	1143	1376	1246	1220	1396	1388	1315
tail_x(155)	1137	1380	1247	1230	1398	1392	1318
tail_x(156)	1135	1384	1247	1232	1404	1398	1320
tail_x(157)	1129	1385	1246	1238	1405	1400	1322
tail_x(158)	1129	1386	1246	1242	1408	1405	1327
tail_x(159)	1123	1388	1247	1248	1412	1410	1329
tail_x(160)	1123	1396	1248	1254	1418	1410	1328
tail_x(161)	1119	1397	1250	1258	1420	1418	1328
tail_x(162)	1117	1400	1251	1266	1426	1421	1334
tail_x(163)	1113	1406	1252	1268	1428	1422	1335
tail_x(164)	1109	1406	1252	1274	1432	1429	1337
tail_x(165)	1111	1409	1255	1280	1435	1431	1335
tail_x(166)	1105	1412	1256	1284	1438	1434	1340
tail_x(167)	1105	1414	1260	1291	1440	1440	1336
tail_x(168)	1100	1415	1260	1294	1445	1442	1339
tail_x(169)	1097	1418	1266	1300	1446	1445	1339
tail_x(170)	1095	1420	1268	1300	1448	1450	1339
tail_x(171)	1092	1420	1272	1308	1453	1450	1341
tail_x(172)	1093	1420	1275	1308	1452	1458	1338
tail_x(173)	1091	1415	1275	1316	1459	1458	1341
tail_x(174)	1085	1420	1276	1318	1461	1465	1341
tail_x(175)	1083	1422	1275	1321	1462	1465	1342
tail_x(176)	1080	1425	1277	1322	1463	1471	1343
tail_x(177)	1079	1424	1277	1323	1462	1471	1341
tail_x(178)	1073	1424	1277	1322	1462	1470	1344

tail_x(179)	1073	1428	1277	1320	1462		1342
tail_x(180)	1072	1428	1275	1321	1461		1343
tail_x(181)	1071	1430	1277	1322	1462		1343
tail_x(182)	1071	1432	1277	1322	1461		1342
tail_x(183)	1069	1433	1277	1320	1461		1341
tail_x(184)	1065	1435	1277	1320	1463		1341
tail_x(185)	1063	1436	1277	1320	1462		1340
tail_x(186)	1059	1436	1277	1319	1461		1338
tail_x(187)	1055	1439	1276	1322	1462		1336
tail_x(188)	1053	1440	1279	1322	1462		1335
tail_x(189)	1047	1440	1279	1321	1462		1334
tail_x(190)	1049	1444	1281	1321	1464		1332
tail_x(191)	1043	1446	1283	1325	1466	1444	1332
tail_x(192)	1044	1444	1284	1323	1465	1442	1329
tail_x(193)	1043	1451	1288	1322	1465	1438	1329
tail_x(194)	1043	1451	1289	1313	1462	1444	1327
tail_x(195)	1041	1450	1292	1313	1462	1459	1325
tail_x(196)	1040	1455	1294	1311	1462	1463	1323
tail_x(197)	1036	1454	1297	1305	1463	1464	1316
tail_x(198)	1039	1454	1299	1303	1464	1466	1315
tail_x(199)	1037	1459	1300	1299	1463	1469	1308
tail_x(200)	1033	1456	1307	1297	1464	1468	1308
tail_x(201)	1034	1460	1308	1293	1464	1450	1302
tail_x(202)	1029	1460	1315	1288	1463	1450	1301
tail_x(203)	1028	1461	1318	1289	1463	1454	1295
tail_x(204)	1024	1462	1322	1285	1462	1454	1293
tail_x(205)	1025	1464	1329	1285	1462	1458	1287
tail_x(206)	1023	1465	1334	1283	1464	1458	1285
tail_x(207)	1021	1466	1340	1283	1463	1460	1280
tail_x(208)	1018	1466	1346	1284	1464	1463	1279
tail_x(209)	1017	1467	1350	1284	1465	1464	1275
tail_x(210)	1017	1468	1356	1287	1465	1466	1271
tail_x(211)	1014	1470	1366	1284	1467	1466	1271
tail_x(212)	1017	1471	1368	1283	1466	1472	1263
tail_x(213)	1009	1470	1374	1282	1467	1470	1263
tail_x(214)	1009	1472	1382	1284	1467	1472	1261
tail_x(215)	1007	1473	1384	1282	1467	1475	1254
tail_x(216)	1001	1473	1394	1284	1468	1477	1255
tail_x(217)	1001	1474	1398	1283	1466	1482	1247
tail_x(218)	995	1475	1404	1282	1467	1480	1245
tail_x(219)	993	1474	1410	1285	1466	1482	1241
tail_x(220)	985	1475	1418	1286	1464	1484	1239
tail_x(221)	983	1475	1420	1292	1466	1484	1233
tail_x(222)	983	1474	1426	1296	1464	1484	1229
tail_x(223)	978	1475	1431	1298	1465	1486	1224
tail_x(224)	973	1475	1436	1302	1465	1488	1223
tail_x(225)	973	1475	1442	1308	1465	1488	1216
tail_x(226)	967	1473	1446	1308	1464	1490	1215
tail_x(227)	965	1475	1452	1310	1465	1492	1214
tail_x(228)	963	1476	1460	1314	1464	1491	1208

tail_x(229)	963	1476	1462	1318	1465	1494	1205
tail_x(230)	961	1474	1472	1318	1468	1497	1199
tail_x(231)	961	1476	1474	1326	1467	1500	1196
tail_x(232)	961	1476	1478	1328	1469	1505	1188
tail_x(233)	959	1476	1484	1330	1470	1504	1187
tail_x(234)	961	1474	1490	1338	1469	1508	1178
tail_x(235)	961	1475	1492	1338	1471	1510	1177
tail_x(236)	961	1476	1498	1342	1470	1512	1169
tail_x(237)	961	1479	1502	1343	1472	1518	1167
tail_x(238)	960	1481	1506		1474	1520	1161
tail_x(239)	958	1483	1510		1475	1521	1157
tail_x(240)	959	1458	1514		1478	1527	1155
tail_x(241)	959	1473	1514	1379	1477	1528	1147
tail_x(242)	959	1468	1520	1361	1478	1533	1145
tail_x(243)	960		1526	1358		1540	1139
tail_x(244)	964		1530	1358		1540	1135
tail_x(245)	968		1532	1357		1547	1129
tail_x(246)	972		1533	1362		1549	1127
tail_x(247)	975		1530	1366		1552	1120
tail_x(248)	976		1531	1363		1558	1118
tail_x(249)	980		1532	1357		1559	1113
tail_x(250)	986		1531	1348		1566	1109
tail_x(251)	988		1534	1348		1568	1105
tail_x(252)	994		1536	1350		1568	1101
tail_x(253)	996		1537	1350		1572	1099
tail_x(254)	998		1539	1350		1576	1095
tail_x(255)	1006		1538	1349		1580	1097
tail_x(256)	1009		1538	1350		1584	1097
tail_x(257)	1014	1480	1539	1353	1477	1584	1097
tail_x(258)	1016	1481	1541	1347	1477	1593	1097
tail_x(259)	1022	1481	1539	1348	1475	1596	1095
tail_x(260)	1024	1479	1538	1346	1473	1601	1096
tail_x(261)	1031	1477	1539	1348	1471	1603	1093
tail_x(262)	1034	1474	1537	1346	1471	1607	1091
tail_x(263)	1038	1473	1537	1347	1466	1613	1085
tail_x(264)	1043	1471	1531	1346	1466	1614	1083
tail_x(265)	1047	1471	1531	1349	1464	1620	1078
tail_x(266)	1048	1467	1529	1347	1465	1623	1071
tail_x(267)	1054	1465	1528	1349	1463	1622	1069
tail_x(268)	1056	1463	1527	1352	1460	1626	1067
tail_x(269)	1060	1461	1519	1353	1457	1631	1061
tail_x(270)	1064	1459	1519	1354	1456	1632	1059
tail_x(271)	1068	1457	1515	1357	1453	1634	1055
tail_x(272)	1068	1455	1512	1360	1453	1637	1049
tail_x(273)	1070	1453	1511	1364	1451	1639	1049
tail_x(274)	1074	1453	1510	1365	1449	1641	1049
tail_x(275)	1075	1449	1507	1366	1445	1642	1049
tail_x(276)	1076	1447	1505	1372	1442	1642	1051
tail_x(277)	1077	1449	1504	1372	1439	1644	1053
tail_x(278)	1080	1443	1505	1378	1437	1649	1053

tail_x(279)	1083	1440	1492	1378	1431	1651	1051
tail_x(280)	1082	1440	1496	1384	1431	1652	1051
tail_x(281)	1082	1438	1511	1384	1427	1656	1051
tail_x(282)	1084	1433	1518	1390	1425	1658	1052
tail_x(283)	1084	1433	1523	1395	1423	1662	1054
tail_x(284)	1087	1431	1527	1396	1419	1664	1053
tail_x(285)	1087	1427	1502	1400	1417	1666	1057
tail_x(286)	1087	1425	1504	1402	1412	1668	1057
tail_x(287)	1088	1425	1506	1406	1409	1670	1057
tail_x(288)	1086	1423	1511	1408	1407	1676	1057
tail_x(289)	1087	1417	1516	1414	1403	1676	1053
tail_x(290)	1088	1416	1520	1416	1401	1678	1050
tail_x(291)	1086	1415	1526	1422	1398	1681	1051
tail_x(292)	1085	1409	1526	1426	1397	1681	1049
tail_x(293)	1085	1407	1530	1430	1391	1684	1047
tail_x(294)	1086	1405	1536	1434	1390	1685	1047
tail_x(295)	1082	1397	1536	1438	1387	1684	1047
tail_x(296)	1083	1398	1541	1440	1383	1688	1047
tail_x(297)	1080	1397	1542	1446	1379	1687	1046
tail_x(298)	1084	1391	1548	1448	1379	1688	1044
tail_x(299)	1081	1389	1552	1456	1377	1688	1044
tail_x(300)	1081	1389	1554	1458	1373	1685	1045
tail_x(301)	1075	1384	1558	1464	1373	1685	1041
tail_x(302)	1075	1379	1558	1470	1369	1682	1042
tail_x(303)	1071	1377	1566	1472	1368	1682	1043
tail_x(304)	1067	1377	1556	1478	1364	1679	1043
tail_x(305)	1066	1371	1546	1478	1367	1679	1044
tail_x(306)	1063	1371	1559	1487	1365	1677	1043
tail_x(307)	1061	1369	1560	1488	1365	1677	1043
tail_x(308)	1059	1365	1558	1495	1367	1677	1042
tail_x(309)	1051	1363	1558	1496	1369	1675	1041
tail_x(310)	1050	1363	1557	1501	1371	1673	1039
tail_x(311)	1047	1357	1557	1502	1371	1673	1040
tail_x(312)	1045	1355	1551	1506	1371	1670	1039
tail_x(313)	1043	1354	1547	1508	1375	1670	1040
tail_x(314)	1039	1347	1543	1513	1374	1668	1039
tail_x(315)	1035	1347	1536	1516	1373	1665	1035
tail_x(316)	1030	1345	1533	1520	1373	1664	1035
tail_x(317)	1029	1339	1525	1526	1377	1663	1036
tail_x(318)	1025	1339	1523	1526	1379	1663	1034
tail_x(319)	1021	1337	1515	1530	1379	1661	1035
tail_x(320)	1019	1331	1515	1532	1378	1661	1033
tail_x(321)	1012	1331	1509	1537	1378	1660	1032
tail_x(322)	1012	1328	1503	1541	1378	1660	1035
tail_x(323)	1007	1323	1497	1540	1378	1660	1038
tail_x(324)	1007	1323	1489	1547	1374	1659	1038
tail_x(325)	999	1321	1487	1548	1378	1661	1044
tail_x(326)	997	1315	1481	1548	1378	1660	1047
tail_x(327)	990	1315	1478	1548	1378	1661	1044
tail_x(328)	988	1311	1471	1549	1381	1659	1046

tail_x(329)	989	1307	1463	1545	1382	1659	1048
tail_x(330)	985	1303	1459	1549	1386	1659	1048
tail_x(331)	980	1303	1453	1546	1388	1657	1049
tail_x(332)	981	1299	1445	1544	1392	1657	1050
tail_x(333)	981	1297	1443	1543	1396	1659	1052
tail_x(334)	981	1293	1433	1538	1398	1659	1049
tail_x(335)	981	1291	1429	1538	1402	1660	1048
tail_x(336)	979	1290	1423	1535	1406	1660	1053
tail_x(337)	976	1287	1421	1534	1410	1660	1053
tail_x(338)	978	1283	1415	1530	1412	1660	1052
tail_x(339)	981	1281	1407	1529	1416	1659	1049
tail_x(340)	981	1281	1403	1525	1418	1656	1045
tail_x(341)	983	1281	1397	1522	1422	1656	1043
tail_x(342)	983	1275	1389	1516	1424	1653	1041
tail_x(343)	983	1275	1387	1513	1428	1651	1036
tail_x(344)	984	1275	1381	1505	1432	1650	1032
tail_x(345)	984	1273	1377	1499	1434	1651	1031
tail_x(346)	985	1269	1372	1495	1436	1649	1026
tail_x(347)	987	1267	1372	1488	1440	1648	1025
tail_x(348)	989	1265	1366	1487	1442	1645	1022
tail_x(349)	991	1261	1369	1479	1447	1644	1023
tail_x(350)	992	1258	1350	1475	1448	1645	1024
tail_x(351)	996	1255	1352	1469	1453	1645	1021
tail_x(352)	998	1253	1363	1465	1452	1645	1023
tail_x(353)	1002	1247	1366	1459	1457	1643	1021
tail_x(354)	1004	1245	1371	1453	1460	1643	1020
tail_x(355)	1006	1244	1377	1451	1463	1643	1018
tail_x(356)	1011	1242	1383	1444	1462	1643	1020
tail_x(357)	1015	1240	1385	1441	1462	1642	1017
tail_x(358)	1016	1239	1389	1433	1465	1643	1018
tail_x(359)	1019	1233	1395	1432	1467	1641	1019
tail_y(0)	1360	1310	1080	1033	924	867	818
tail_y(1)	1360	1318	1079	1032	923	871	820
tail_y(2)	1362	1318	1078	1028	922	875	822
tail_y(3)	1366	1326	1077	1027	922	877	825
tail_y(4)	1366	1326	1073	1025	923	881	826
tail_y(5)	1372	1330	1074	1023	924	882	830
tail_y(6)	1372	1335	1072	1021	924	886	832
tail_y(7)	1376	1338	1070	1016	925	886	834
tail_y(8)	1377	1344	1070	1015	928	888	836
tail_y(9)	1380	1346	1072	1011	928	890	838
tail_y(10)	1382	1352	1069	1010	932	893	842
tail_y(11)	1384	1354	1070	1003	934	896	844
tail_y(12)	1384	1362	1066	1000	938	898	844
tail_y(13)	1380	1362	1068	998	940	903	848
tail_y(14)	1385	1370	1070	996	945	902	850
tail_y(15)	1382	1372	1069	995	946	904	852
tail_y(16)	1386	1378	1070	991	951	905	858
tail_y(17)	1386	1382	1070	993	952	908	860
tail_y(18)	1387	1383	1070	993	952	908	862

tail_y(19)	1385	1388	1074	995	957	908	866
tail_y(20)	1382	1390	1074	992	958	907	870
tail_y(21)	1382	1398	1076	990	961	907	872
tail_y(22)	1381	1398	1076	993	965	909	876
tail_y(23)	1375	1400	1078	993	967	909	880
tail_y(24)	1370	1406	1084	994	969	907	882
tail_y(25)	1369	1408	1090	1000	970	905	888
tail_y(26)	1365	1408	1098	1002	970	907	890
tail_y(27)	1365	1408	1098	1002	970	907	890
tail_y(28)	1362	1408	1104	1008	971	907	894
tail_y(29)	1361	1408	1112	1010	971	908	898
tail_y(30)	1352	1410	1120	1014	970	908	902
tail_y(31)	1352	1416	1129	1018	969	906	906
tail_y(32)	1355	1418	1134	1023	968	904	908
tail_y(33)	1352	1418	1140	1028	968	907	910
tail_y(34)	1351	1420	1148	1030	967	908	910
tail_y(35)	1347	1420	1154	1032	967	909	910
tail_y(36)	1349	1422	1158	1038	966	912	910
tail_y(37)	1345	1422	1166	1042	966	915	910
tail_y(38)	1343	1422	1172	1046	967	918	910
tail_y(39)	1344	1430	1172	1048	965	922	912
tail_y(40)	1342	1430	1180	1054	967	924	908
tail_y(41)	1342	1432	1183	1056	966	926	906
tail_y(42)	1343	1432	1188	1062	967	930	906
tail_y(43)	1338	1432	1193	1064	970	934	906
tail_y(44)	1338	1458	1194	1072	971	937	906
tail_y(45)	1335	1454	1196	1072	976	942	907
tail_y(46)	1331	1459	1200	1077	976	944	907
tail_y(47)	1329	1465	1202	1080	977	949	908
tail_y(48)	1325	1465	1201	1084	978	953	908
tail_y(49)	1324	1454	1206	1086	978	956	909
tail_y(50)	1317	1466	1206	1092	981	960	910
tail_y(51)	1315	1446	1208	1094	983	962	910
tail_y(52)	1311	1438	1207	1098	985	966	911
tail_y(53)	1311	1432	1208	1102	984	966	911
tail_y(54)	1305	1426	1209	1104	985	968	913
tail_y(55)	1300	1434	1206	1104	988	968	914
tail_y(56)	1295	1434	1208	1105	988	970	912
tail_y(57)	1293	1436	1209	1106	992	974	910
tail_y(58)	1287	1435	1210	1112	992	979	908
tail_y(59)	1285	1434	1211	1113	994	982	904
tail_y(60)	1277	1433	1210	1114	997	984	902
tail_y(61)	1277	1431	1210	1113	998	986	903
tail_y(62)	1269	1428	1213	1112	1000	986	907
tail_y(63)	1265	1425	1215	1112	999	988	906
tail_y(64)	1261	1423	1218	1114	1000	992	909
tail_y(65)	1257	1420	1220	1117	999	996	911
tail_y(66)	1255	1417	1224	1121	999	998	912
tail_y(67)	1249	1409	1226	1122	1001	1002	912
tail_y(68)	1247	1407	1228	1121	1001	1004	915

tail_y(69)	1239	1403	1232	1122	1001	1008	917
tail_y(70)	1239	1397	1234	1120	1003	1012	915
tail_y(71)	1231	1395	1235	1122	1005	1012	917
tail_y(72)	1231	1392	1238	1124	1006	1016	920
tail_y(73)	1223	1387	1241	1124	1007	1020	923
tail_y(74)	1221	1384	1242	1123	1005	1024	920
tail_y(75)	1215	1383	1245	1121	1005	1029	921
tail_y(76)	1213	1381	1249	1119	1005	1034	922
tail_y(77)	1211	1379	1253	1113	1004	1038	920
tail_y(78)	1204	1379	1255	1109	1004	1044	924
tail_y(79)	1203	1377	1257	1107	1005	1046	926
tail_y(80)	1197	1375	1259	1101	1006	1052	928
tail_y(81)	1197	1372	1261	1097	1002	1053	930
tail_y(82)	1188	1371	1262	1095	1002	1057	936
tail_y(83)	1184	1371	1263	1091	1004	1057	938
tail_y(84)	1180	1369	1266	1087	1003	1060	944
tail_y(85)	1177	1369	1270	1085	1005	1062	948
tail_y(86)	1171	1365	1272	1083	1004	1063	950
tail_y(87)	1171	1364	1277	1074	1004	1063	956
tail_y(88)	1162	1367	1279	1073	1004	1060	958
tail_y(89)	1162	1369	1283	1067	1004	1060	958
tail_y(90)	1155	1369	1285	1064	1005	1056	958
tail_y(91)	1155	1369	1286	1057	1005	1055	959
tail_y(92)	1152	1370	1286	1053	1004	1050	960
tail_y(93)	1149	1375	1290	1050	1005	1047	962
tail_y(94)	1145	1375	1292	1044	1006	1044	963
tail_y(95)	1141	1376	1295	1041			962
tail_y(96)	1143	1381	1297	1035			962
tail_y(97)	1141	1383	1301	1033			962
tail_y(98)	1141	1384	1302	1025			960
tail_y(99)	1143	1386	1304	1023			962
tail_y(100)	1147	1389	1308	1017			962
tail_y(101)	1149	1391	1310	1015			958
tail_y(102)	1149	1396	1314	1009			958
tail_y(103)	1149	1398	1318	1007	998	1021	960
tail_y(104)	1149	1400	1319	1001	997	1020	961
tail_y(105)	1149	1404	1322	999	993	1018	962
tail_y(106)	1148	1406	1329	991	993	1015	961
tail_y(107)	1146	1410	1332	987	987	1015	960
tail_y(108)	1147	1420	1334	983	987	1014	961
tail_y(109)	1147	1418	1334	977	982	1013	961
tail_y(110)	1148	1420	1334	975	978	1009	964
tail_y(111)	1147	1427	1330	967	977	1008	962
tail_y(112)	1145	1428	1329	963	974	1010	963
tail_y(113)	1143	1430	1330	957	968	1010	962
tail_y(114)	1139	1436	1336	955	967	1006	962
tail_y(115)	1137	1438	1337	949	961	1004	961
tail_y(116)	1131	1438	1334	947	961	999	961
tail_y(117)	1131	1440	1334	941	955	997	959
tail_y(118)	1129	1440	1333	936	955	991	956

tail_y(119)	1127	1439	1330	933	951	989	958
tail_y(120)	1126	1436	1329	931	948	985	955
tail_y(121)	1126	1433	1323	929	945	980	956
tail_y(122)	1123	1440	1317	926	941	980	956
tail_y(123)	1121	1434	1317	923	939	975	957
tail_y(124)	1121	1427	1311	924	933	970	958
tail_y(125)	1120	1420	1307	922	931	969	956
tail_y(126)	1120	1434	1303	921	924	968	952
tail_y(127)	1121	1435	1296	921	925	968	954
tail_y(128)	1119	1435	1295	917	919	967	953
tail_y(129)	1119	1433	1289	919	917	966	950
tail_y(130)	1118	1431	1281	917	913	966	948
tail_y(131)	1118	1431	1279	918	911	968	948
tail_y(132)	1118	1429	1271	918	905	969	950
tail_y(133)	1117	1427	1268	917	905	970	953
tail_y(134)	1118	1425	1261	918	903	971	956
tail_y(135)	1117	1421	1255	919	897	974	957
tail_y(136)	1119	1419	1251	919	893	976	959
tail_y(137)	1121	1417	1245	919	889	975	953
tail_y(138)	1120	1409	1239	921	887	979	953
tail_y(139)	1122	1409	1237	923	883	980	951
tail_y(140)	1123	1405	1227	923	881	984	951
tail_y(141)	1124	1400	1223	924	876	988	949
tail_y(142)	1124	1399	1219	924	874	992	946
tail_y(143)	1125	1393	1209	929	869	994	943
tail_y(144)	1128	1391	1207	930	867	998	941
tail_y(145)	1129	1389	1199	935	863	1003	939
tail_y(146)	1132	1385	1191	936	860	1006	939
tail_y(147)	1132	1382	1189	942	858	1013	939
tail_y(148)	1134	1383	1179	943	857	1014	939
tail_y(149)	1136	1377	1175	943	852	1020	939
tail_y(150)	1139	1376	1170	947	852	1024	939
tail_y(151)	1139	1377	1163	948	849	1026	939
tail_y(152)	1139	1373	1158	951	849	1032	941
tail_y(153)	1142	1366	1149	950	851	1033	946
tail_y(154)	1142	1369	1147	952	850	1041	948
tail_y(155)	1149	1369	1141	954	850	1041	953
tail_y(156)	1148	1360	1133	952	847	1045	954
tail_y(157)	1154	1361	1131	950	848	1047	960
tail_y(158)	1154	1361	1125	953	847	1046	962
tail_y(159)	1156	1359	1121	951	846	1046	966
tail_y(160)	1160	1353	1115	950	847	1046	972
tail_y(161)	1160	1353	1109	950	849	1046	976
tail_y(162)	1168	1351	1107	950	848	1044	982
tail_y(163)	1167	1349	1101	951	850	1045	986
tail_y(164)	1172	1349	1095	949	852	1039	992
tail_y(165)	1176	1345	1089	948	852	1039	994
tail_y(166)	1181	1341	1084	948	855	1038	1002
tail_y(167)	1182	1339	1078	946	857	1035	1004
tail_y(168)	1182	1337	1079	947	858	1034	1012

tail_y(169)	1188	1331	1071	944	862	1031	1015
tail_y(170)	1188	1329	1067	947	863	1027	1023
tail_y(171)	1196	1329	1063	944	866	1025	1024
tail_y(172)	1197	1327	1057	946	869	1021	1030
tail_y(173)	1201	1317	1052	948	872	1020	1036
tail_y(174)	1202	1317	1043	948	875	1015	1039
tail_y(175)	1206	1311	1042	954	880	1013	1046
tail_y(176)	1210	1307	1035	956	882	1007	1048
tail_y(177)	1211	1307	1033	960	888	1005	1058
tail_y(178)	1214	1305	1025	966	888	1005	1062
tail_y(179)	1214	1297	1021	973	894		1069
tail_y(180)	1210	1295	1015	974	895		1070
tail_y(181)	1211	1289	1009	980	896		1074
tail_y(182)	1212	1287	1005	984	894		1084
tail_y(183)	1212	1287	999	988	896		1086
tail_y(184)	1216	1278	997	992	896		1095
tail_y(185)	1215	1276	990	994	896		1096
tail_y(186)	1211	1276	987	999	897		1104
tail_y(187)	1209	1269	977	1002	896		1106
tail_y(188)	1205	1269	976	1002	896		1113
tail_y(189)	1199	1265	967	1002	896		1114
tail_y(190)	1197	1260	965	1002	896		1122
tail_y(191)	1193	1259	957	1004	896	959	1126
tail_y(192)	1191	1253	957	1007	897	962	1134
tail_y(193)	1185	1249	949	1009	902	963	1136
tail_y(194)	1183	1249	947	1008	904	965	1143
tail_y(195)	1175	1243	941	1005	910	974	1144
tail_y(196)	1173	1241	936	1007	917	981	1146
tail_y(197)	1167	1239	931	1005	918	987	1152
tail_y(198)	1165	1235	925	1003	926	991	1154
tail_y(199)	1163	1233	920	997	927	996	1160
tail_y(200)	1157	1233	914	996	932	1002	1162
tail_y(201)	1157	1225	914	991	934	992	1168
tail_y(202)	1152	1223	909	987	936	994	1170
tail_y(203)	1149	1223	908	983	943	997	1176
tail_y(204)	1143	1216	904	977	942	999	1180
tail_y(205)	1141	1215	900	973	948	1001	1184
tail_y(206)	1133	1214	898	967	952	1005	1185
tail_y(207)	1133	1207	895	965	954	1009	1190
tail_y(208)	1125	1205	892	957	960	1010	1190
tail_y(209)	1123	1202	891	957	960	1012	1194
tail_y(210)	1117	1197	887	955	966	1018	1198
tail_y(211)	1115	1195	886	948	968	1020	1202
tail_y(212)	1112	1189	886	947	970	1025	1206
tail_y(213)	1108	1187	884	947	976	1030	1209
tail_y(214)	1107	1185	886	947	976	1032	1210
tail_y(215)	1104	1177	884	947	981	1036	1212
tail_y(216)	1102	1177	884	947	984	1038	1215
tail_y(217)	1099	1171	887	947	986	1044	1218
tail_y(218)	1096	1165	887	947	990	1045	1220

tail_y(219)	1097	1165	890	945	990	1046	1226
tail_y(220)	1094	1163	893	943	994	1051	1228
tail_y(221)	1094	1159	894	939	998	1052	1235
tail_y(222)	1096	1157	896	939	1002	1054	1232
tail_y(223)	1094	1153	900	938	1004	1058	1238
tail_y(224)	1094	1147	904	936	1010	1060	1238
tail_y(225)	1094	1147	906	935	1012	1062	1245
tail_y(226)	1095	1143	908	935	1018	1068	1242
tail_y(227)	1095	1139	908	935	1020	1070	1245
tail_y(228)	1097	1139	914	937	1027	1072	1249
tail_y(229)	1095	1137	916	937	1028	1078	1248
tail_y(230)	1095	1129	920	939	1034	1078	1253
tail_y(231)	1092	1129	926	943	1036	1083	1253
tail_y(232)	1093	1129	928	942	1041	1086	1252
tail_y(233)	1093	1129	932	942	1042	1087	1255
tail_y(234)	1096	1129	938	942	1048	1091	1255
tail_y(235)	1095	1129	940	945	1050	1096	1255
tail_y(236)	1095	1129	946	947	1054	1098	1256
tail_y(237)	1098	1127	950	948	1056	1102	1255
tail_y(238)	1102	1127	954		1060	1102	1256
tail_y(239)	1103	1123	960		1062	1104	1256
tail_y(240)	1104	1115	966		1068	1108	1254
tail_y(241)	1110	1104	970	973	1070	1110	1253
tail_y(242)	1114	1096	978	977	1073	1110	1252
tail_y(243)	1116		982	980		1113	1250
tail_y(244)	1120		984	982		1115	1249
tail_y(245)	1120		992	983		1116	1244
tail_y(246)	1128		994	973		1117	1245
tail_y(247)	1127		1002	948		1117	1241
tail_y(248)	1132		1006	939		1118	1239
tail_y(249)	1134		1012	932		1118	1234
tail_y(250)	1135		1018	953		1120	1233
tail_y(251)	1135		1024	949		1119	1229
tail_y(252)	1136		1032	946		1119	1229
tail_y(253)	1132		1038	943		1119	1223
tail_y(254)	1135		1042	939		1119	1223
tail_y(255)	1135		1052	936		1120	1223
tail_y(256)	1133		1056	931		1117	1223
tail_y(257)	1131	1120	1062	926	1130	1116	1223
tail_y(258)	1128	1120	1072	923	1132	1114	1223
tail_y(259)	1125	1122	1074	919	1136	1114	1223
tail_y(260)	1125	1124	1082	917	1139	1109	1218
tail_y(261)	1121	1126	1090	911	1142	1109	1216
tail_y(262)	1121	1128	1094	907	1144	1107	1214
tail_y(263)	1119	1130	1103	903	1149	1103	1213
tail_y(264)	1119	1129	1108	897	1150	1102	1211
tail_y(265)	1112	1132	1112	895	1156	1096	1211
tail_y(266)	1113	1135	1120	891	1158	1097	1204
tail_y(267)	1107	1134	1124	887	1164	1096	1203
tail_y(268)	1106	1136	1132	881	1166	1095	1202

tail_y(269)	1101	1138	1136	879	1170	1091	1199
tail_y(270)	1101	1137	1141	875	1172	1089	1197
tail_y(271)	1097	1140	1149	871	1179	1081	1195
tail_y(272)	1095	1138	1156	867	1181	1079	1191
tail_y(273)	1092	1139	1162	865	1185	1071	1191
tail_y(274)	1087	1139	1168	859	1186	1069	1193
tail_y(275)	1085	1139	1176	859	1191	1062	1193
tail_y(276)	1079	1138	1182	853	1190	1061	1196
tail_y(277)	1077	1140	1188	853	1194	1059	1197
tail_y(278)	1070	1142	1188	847	1196	1055	1197
tail_y(279)	1069	1142	1211	847	1198	1051	1197
tail_y(280)	1063	1142	1211	841	1201	1049	1197
tail_y(281)	1061	1142	1199	837	1206	1043	1197
tail_y(282)	1053	1145	1192	834	1210	1041	1198
tail_y(283)	1051	1144	1184	831	1212	1035	1201
tail_y(284)	1049	1146	1181	831	1214	1033	1201
tail_y(285)	1043	1151	1184	825	1218	1029	1201
tail_y(286)	1041	1152	1190	825	1222	1027	1199
tail_y(287)	1033	1153	1188	821	1222	1025	1196
tail_y(288)	1033	1151	1186	821	1230	1020	1198
tail_y(289)	1024	1156	1187	819	1230	1019	1201
tail_y(290)	1023	1154	1183	815	1234	1015	1204
tail_y(291)	1021	1155	1179	814	1238	1013	1208
tail_y(292)	1013	1158	1175	811	1242	1013	1210
tail_y(293)	1011	1158	1173	809	1246	1008	1216
tail_y(294)	1005	1161	1167	809	1248	1005	1218
tail_y(295)	1005	1164	1165	807	1254	1002	1224
tail_y(296)	1001	1163	1161	804	1254	995	1226
tail_y(297)	995	1162	1159	800	1258	993	1232
tail_y(298)	993	1165	1153	802	1261	987	1234
tail_y(299)	986	1166	1147	801	1264	983	1240
tail_y(300)	985	1164	1143	802	1266	975	1242
tail_y(301)	979	1167	1139	805	1270	972	1248
tail_y(302)	977	1166	1136	805	1271	965	1250
tail_y(303)	972	1166	1122	807	1276	962	1254
tail_y(304)	971	1167	1125	807	1274	957	1260
tail_y(305)	971	1168	1126	810	1275	955	1260
tail_y(306)	966	1169	1142	810	1274	949	1260
tail_y(307)	964	1169	1141	812	1274	947	1260
tail_y(308)	963	1170	1141	814	1275	942	1260
tail_y(309)	957	1171	1137	816	1277	938	1262
tail_y(310)	957	1171	1136	822	1280	932	1265
tail_y(311)	955	1174	1133	824	1279	928	1266
tail_y(312)	947	1173	1133	828	1276	925	1265
tail_y(313)	947	1175	1131	833	1274	919	1266
tail_y(314)	945	1178	1132	834	1272	915	1265
tail_y(315)	941	1179	1132	836	1272	909	1266
tail_y(316)	937	1178	1134	840	1273	904	1266
tail_y(317)	932	1180	1136	845	1276	901	1268
tail_y(318)	932	1180	1136	846	1279	899	1268

tail_y(319)	926	1180	1136	852	1280	893	1268
tail_y(320)	927	1183	1139	857	1281	891	1268
tail_y(321)	925	1182	1140	860	1281	887	1273
tail_y(322)	921	1185	1140	864	1279	880	1274
tail_y(323)	918	1186	1143	868	1278	879	1280
tail_y(324)	917	1187	1142	874	1274	871	1280
tail_y(325)	912	1186	1142	876	1274	869	1284
tail_y(326)	910	1187	1143	880	1272	862	1284
tail_y(327)	907	1188	1142	886	1269	860	1286
tail_y(328)	907	1190	1142	892	1267	854	1284
tail_y(329)	904	1192	1142	894	1265	851	1284
tail_y(330)	899	1192	1142	900	1263	847	1288
tail_y(331)	897	1194	1145	902	1260	841	1288
tail_y(332)	895	1196	1144	910	1259	833	1284
tail_y(333)	896	1197	1144	912	1257	831	1282
tail_y(334)	896	1200	1147	918	1255	829	1282
tail_y(335)	896	1202	1145	920	1253	823	1282
tail_y(336)	899	1202	1147	926	1251	820	1283
tail_y(337)	901	1203	1144	928	1246	814	1283
tail_y(338)	899	1206	1143	934	1247	807	1283
tail_y(339)	898	1207	1143	934	1245	803	1280
tail_y(340)	895	1206	1143	942	1244	797	1280
tail_y(341)	894	1207	1140	942	1239	789	1277
tail_y(342)	894	1213	1139	945	1239	785	1272
tail_y(343)	895	1210	1137	945	1234	779	1269
tail_y(344)	896	1211	1133	943	1231	777	1267
tail_y(345)	897	1212	1131	946	1229	771	1263
tail_y(346)	900	1214	1131	946	1222	765	1261
tail_y(347)	900	1216	1131	943	1221	761	1255
tail_y(348)	900	1216	1100	944	1215	753	1251
tail_y(349)	902	1219	1100	942	1213	745	1245
tail_y(350)	904	1218	1107	943	1208	743	1242
tail_y(351)	904	1224	1106	943	1205	743	1235
tail_y(352)	904	1224	1137	941	1202	744	1233
tail_y(353)	906	1228	1143	941	1199	743	1225
tail_y(354)	904	1230	1148	942	1193	743	1223
tail_y(355)	906	1230	1150	939	1191	743	1216
tail_y(356)	907	1236	1151	941	1187	743	1213
tail_y(357)	905	1236	1151	941	1181	742	1207
tail_y(358)	905	1238	1153	939	1178	743	1203
tail_y(359)	903	1242	1153	937	1173	743	1197
radius_1(0)	3.01917	2.24734	3	3.18034	2.22772	3.26257	2.80799
radius_1(1)	2.43335	3.07115	1.97353	2.26293	2.67253	2.94622	2.5697
radius_1(2)	2.73046	2.10339	2.03722	2.68428	2.49697	2.84534	2.33385
radius_1(3)	2.37585	2.57889	2.31488	2.79929	3.04492	3.43436	3.04314
radius_1(4)	2.251	3.07849	3.05155	2.66337	2.34614	2.83558	2.8905
radius_1(5)	2.19374	3	3	3.04112	3.14746	3.13187	2.474
radius_1(6)	3.04716	2.96985	2.96985	3.15943	1.96155	2.62778	2.22805
radius_1(7)	2.14514	2.94128	2.83057	3.13619	3.17383	2.94478	3.20679
radius_1(8)	3.39242	2.92773	3.23816	2.26302	2.65377	2.60925	3.17969

radius_1(9)	1.96118	2.68331	3	3.03901	2.96921	3.41114	3.0769
radius_1(10)	2.95203	3.36738	3.58897	2.97409	2.23511	3.01258	3
radius_1(11)	2.47367	2.99248	3	3.03352	2.50927	2.80297	2.90244
radius_1(12)	2.33162	2.8802	3.03908	2.72036	2.43688	2.56343	1.96118
radius_1(13)	3.27272	3.14282	3.81494	2.54639	2.46044	2.96857	2.98639
radius_1(14)	2.89063	2.8562	3.17786	2.89785	2.8223	2.58514	2.33292
radius_1(15)	2.70454	2.94543	2.82935	2.98197	2.35312	2.65747	2.08297
radius_1(16)	3.23244	3	3.53113	2.38873	2.253	3.20001	2.49697
radius_1(17)	2.86965	3.23816	3.71448	2.7257	2.37183	3.05133	2.70972
radius_1(18)	2.43945	3.8915	3.51085	4.45901	2.17896	1.89583	3.28418
radius_1(19)	2.9472	2.40243	3.41357	2.93192	2.19132	2.56529	3.11241
radius_1(20)	2.1839	3.23816	3.42048	2.73211	2.63599	2.34483	2.94128
radius_1(21)	2.50758	3.81616	3.6532	3.28625	2.06104	2.23505	2.224
radius_1(22)	2.51411	2.83153	2.71008	2.50696	2.19922	2.80491	3.28442
radius_1(23)	2.45547	3.06547	2.83631	3.37683	2.80637	2.69037	2.83007
radius_1(24)	2.91629	3.21925	3.32995	1.9364	2.73534	2.75968	3.11035
radius_1(25)	2.26271	2.38369	2.74608	3.09363	2.50733	2.76145	2.84232
radius_1(26)	2.31476	3.16309	2.40153	2.96985	3.49429	3.85443	2.20705
radius_1(27)	2.31476	3.16309	2.40153	2.96985	3.49429	3.85443	2.20705
radius_1(28)	2.43324	3.17749	2.50157	2.47884	3.48901	3.28613	2.94128
radius_1(29)	2.64716	3.84014	2.38393	2.67322	2.08891	0.927449	2.17004
radius_1(30)	2.25805	3.16126	2.80431	3.21661	2.81763	1.98619	2.17444
radius_1(31)	2.33461	3.44381	3.00732	3.08289	2.07885	2.37406	2.84155
radius_1(32)	3.13965	3.47476	2.90567	3.02063	2.44983	1.83721	1.96118
radius_1(33)	2.90042	3.44292	2.85493	3.18448	3.2749	2.867	2.07682
radius_1(34)	3.28894	4.13853	2.91174	3.12911	2.7854	2.15744	3.15393
radius_1(35)	2.45728	4.39392	2.43283	2.05529	3.53424	1.87601	2.446
radius_1(36)	2.52527	3.00317	2.80748	2.64973	3.83923	2.12138	3.37653
radius_1(37)	3.00281	2.51635	2.28947	2.76801	2.36258	2.25964	3.22089
radius_1(38)	2.33573	3.62044	2.44558	3.0474	1.55966	2.32033	2.51422
radius_1(39)	2.30935	2.75316	3.00977	2.51708	2.38454	2.6264	2.81535
radius_1(40)	2.77085	2.93738	2.49815	2.83607	2.56587	2.96947	2.73297
radius_1(41)	2.27876	3.03213	2.16675	2.95166	1.88391	2.95203	4.3681
radius_1(42)	2.25891	2.41764	2.68822	3.0107	2.26348	2.84192	2.92066
radius_1(43)	2.01073	2.64129	2.92217	2.41029	2.32965	2.96985	2.12134
radius_1(44)	2.41831	2.85686	1.95917	2.08481	2.22667	3.0769	2.59717
radius_1(45)	2.35632	3.04015	2.89197	2.94495	2.45455	3.06791	1.99816
radius_1(46)	2.84998	3.03064	3.15796	2.90401	2.23749	3.22461	2.35651
radius_1(47)	2.92041	3.97559	3	2.92269	1.9789	3.07529	3.68685
radius_1(48)	2.67012	4.09778	1.98503	3.20183	2.41842	2.87525	4.38718
radius_1(49)	2.5387	4.23242	3	2.25192	2.06329	2.88975	3.2666
radius_1(50)	2.9876	3.90747	3.0769	2.78859	2.24086	2.64617	2.43787
radius_1(51)	3.01021	4.14636	2.9845	3.16721	2.04611	2.80699	2.15826
radius_1(52)	2.28881	3.5824	2.34689	2.83517	2.57233	2.70324	2.25973
radius_1(53)	3.20874	3.28806	2.95203	2.23353	2.35944	3.17651	2.40802
radius_1(54)	3.13965	4.5872	3.59273	2.30785	2.21342	2.76941	3.44617
radius_1(55)	2.77856	3.15859	3.23816	2.56637	2.27979	2.69495	3.02667
radius_1(56)	2.96985	3.05112	2.85596	2.96155	2.203	2.74371	2.33118
radius_1(57)	3.36462	3.25623	2.72778	3.19995	2.05798	3.12134	2.0324
radius_1(58)	2.1145	3.49304	2.42157	2.90088	2.22632	2.89423	1.97134

radius_1(59)	2.16261	3.17261	2.24109	2.48926	2.28894	3.37378	2.12854
radius_1(60)	2.54028	3.27571	2.81631	3.28955	2.65704	2.94641	2.77284
radius_1(61)	2.69748	3.0974	2.06944	3.50882	2.50012	2.92255	2.28459
radius_1(62)	2.89739	3.15259	2.19876	2.82971	2	2.70832	2.65265
radius_1(63)	2.96985	3.13965	2.53814	3.01042	3.20001	2.71627	3.05225
radius_1(64)	2.73999	3.29907	2.56605	3.20701	2.95203	2.66397	2.09192
radius_1(65)	2.96985	2.95203	2.77551	2.94434	4.03355	3.18689	2.33979
radius_1(66)	3.0769	3.13965	2.20557	2.95203	1.80278	2.76679	2.36407
radius_1(67)	2.28687	4.32202	3.07141	3.14722	2.54675	2.94424	2.32916
radius_1(68)	3.34314	3.92456	2.66394	3	2.94128	2.80101	2.34914
radius_1(69)	3.00098	3.14246	2.39893	3.73169	2.43874	3.46283	2.66562
radius_1(70)	2.78794	3.23816	3.20226	3.91291	3.29846	3.14917	2.17003
radius_1(71)	2.11566	2.96985	2.91736	3.46202	3.93945	2.66858	3.02679
radius_1(72)	2.32	3.08643	2.22775	3.32924	2.13	3.25216	2.57568
radius_1(73)	2.22048	3.10949	2.59265	2.57914	2.69312	3.13733	2.49536
radius_1(74)	2.35118	3.53674	2.89463	3.70438	2.31836	2.8303	2.08813
radius_1(75)	2.97655	2.60991	3.12573	3.87355	2.17384	3.27883	3.36509
radius_1(76)	2.20634	3.37113	3.11462	3.51867	2.1684	2.61807	3.16213
radius_1(77)	2.18328	3.90403	2.7605	4.08183	2.21999	3.06909	1.73621
radius_1(78)	2.9375	3.54883	3.0769	3.54138	2.15247	3.43546	3.04224
radius_1(79)	2.95203	3.89806	2.51022	3.41529	2.64436	2.59802	2.00235
radius_1(80)	3	2.95203	2.38718	3.90731	2.50189	3.26282	2.03027
radius_1(81)	2.8208	2.99355	3.15662	3.98956	2.7782	3.25906	2.32043
radius_1(82)	2.7428	4.08411	2.82506	3.55725	3.20001	2.73022	2.70313
radius_1(83)	2.03712	2.98035	3.35193	3.19995	3.23822	2.97498	2.82044
radius_1(84)	2.18605	3.1571	2.74585	3.68359	2.46272	2.40461	2.59839
radius_1(85)	2.58618	2.97839	3.23914	3.20908	3.23822	2.89429	3.07611
radius_1(86)	2.50452	2.33029	2.61719	2.62875	3.23822	3.07486	2.72847
radius_1(87)	1.71976	2.72839	3.0769	3.46201	2.88239	1.79968	2.03174
radius_1(88)	2.80881	3.26794	2.9163	3.17784	2.11237	2.74127	3.07776
radius_1(89)	2.26918	2.52896	2.45973	3.34918	2.18884	2.02823	3.23816
radius_1(90)	3.35792	2.9694	1.95453	2.58008	3.15393	2.59554	2.87512
radius_1(91)	2.11804	2.52051	2.62207	3.36657	2.20001	2.34009	2.80642
radius_1(92)	3.21216	2.99604	2.93213	3.19185	2.46558	2.94128	3.048
radius_1(93)	3.02185	2.40748	3.48193	3.47916	3.40759	2.45532	1.94562
radius_1(94)	3.17119	2.32166	2.95203	3.44521	3.29678	1.92493	3.21533
radius_1(95)	3.26917	2.97431	2.46012	3.53951			2.9978
radius_1(96)	3.09399	2.94994	2.90088	3.72482			3.82336
radius_1(97)	1.11219	3.0574	2.74556	3.07617			2.47559
radius_1(98)	2.53377	3.33027	2.24036	3.13965			3.09924
radius_1(99)	2.16859	2.65588	2.50526	3.20037			3.23181
radius_1(100)	3.43293	2.36123	2.95264	3.37284			2.83311
radius_1(101)	2.80719	2.82453	2.1475	3.19226			3.14184
radius_1(102)	4.52844	2.93782	2.93481	3.47119			2.96974
radius_1(103)	3.50846	2.65523	2.77552	2.62807	2.71744	3.24469	2.70655
radius_1(104)	3.55713	3.68068	2.08989	2.97469	2.95335	2.40869	3.59424
radius_1(105)	2.84112	2.78913	3.33252	2.9617	3.14575	2	3.50176
radius_1(106)	3.02169	2.93569	2.70041	2.70728	2.64733	3.2132	2.46991
radius_1(107)	2.9928	3.34473	2.75823	2.68958	3.83942	2.13444	2.71108
radius_1(108)	2.83205	2.92944	2.75704	3.19995	2.50627	2.24613	2.65644

radius_1(109)	2.61209	2.96985	2.30942	3.68883	3.04823	2.2211	1.87372
radius_1(110)	2.56706	3.0769	3.77144	3.18591	3.13391	3.2804	3.21042
radius_1(111)	3.16782	4.03298	3.55746	3.23743	2.89234	3.29229	2.9456
radius_1(112)	2.36708	3.43005	2.75027	3.40027	3.13663	3.24721	2.96282
radius_1(113)	3.05064	3.94498	3.17737	2.68122	2.95237	3.24071	2.71857
radius_1(114)	3.27417	3.35455	2.92503	2.73865	3.08112	3.06948	2.85071
radius_1(115)	1.96118	3.08195	3.07739	3.34805	2.79472	2.78921	3.24005
radius_1(116)	3.12173	3.44358	2.84793	3.4989	2.9373	2.93933	3.23839
radius_1(117)	3.0708	4.36182	3.2916	2.96978	2.85325	2.87379	2.93628
radius_1(118)	3.13965	3.38416	3.38836	3.81244	2.7592	3.33191	3.01681
radius_1(119)	3.22911	2.86963	3.80676	2.81164	2.76661	3.00256	2.94635
radius_1(120)	3.15393	3.22065	3.15186	2.52398	3.25102	2.99774	2.6296
radius_1(121)	2.70044	4.33631	3.53273	2.66701	3.16584	2.80371	2.92136
radius_1(122)	3.24759	4.23865	3.53907	3.00075	3.20522	3.0106	2.94224
radius_1(123)	2.84277	4.07483	2.70743	3.19432	3.28296	2.96667	3.51681
radius_1(124)	3.10657	2.87656	3.26916	3.19342	2.76331	2.47925	2.93347
radius_1(125)	3.19995	3.53182	3.27185	3.65131	2.71228	2.30191	2.53394
radius_1(126)	3.07572	3.00356	3.44559	2.66553	2.91772	3.19164	3.0769
radius_1(127)	3.19995	3.25684	3.36739	3.23822	2.56506	3.20593	3.2887
radius_1(128)	2.76533	4.24817	2.60409	3.20001	2.49591	4.27035	2.23668
radius_1(129)	3.16724	3.23816	3.33631	3.6686	2.5945	2.33282	2.16333
radius_1(130)	3.0769	4.28137	2.93307	3.20001	2.96985	3.37946	2.2323
radius_1(131)	2.60718	4.02305	3.13006	2.68816	1.88745	3.11802	3.1203
radius_1(132)	2.6676	3.4342	3.13965	3	3.24866	2.55163	1.98931
radius_1(133)	2.16636	3.17969	3.18225	4.2002	1.92517	3.26925	2.71207
radius_1(134)	2.24292	3.50153	3.26062	2.81853	2.26326	3.26843	2.22663
radius_1(135)	2.47462	3.23645	3.13965	3.83954	2.9608	2.41492	1.96014
radius_1(136)	2.63775	2.92981	2.88763	3.40951	2.24756	2.48767	2.31711
radius_1(137)	2.15881	2.99186	3.67581	3.46161	2.22234	3.00801	2.56969
radius_1(138)	2.5448	2.80298	3.12738	3.24628	2.7873	2.98017	2.29204
radius_1(139)	2.57153	2.91528	3.03833	4.3284	2.89966	2.29465	2.43492
radius_1(140)	2.14816	2.566	3.16113	3.30692	2.0224	3.06775	2.37926
radius_1(141)	2.41753	3.83081	3.15845	3.53005	2.13731	2.33464	2.26202
radius_1(142)	2.27734	2.82107	2.46869	3.45117	2.43613	2.651	1.99491
radius_1(143)	2.69481	2.72559	2.98328	3.52914	2.70349	2.77034	2.30477
radius_1(144)	3.09534	2.32625	2.96985	2.65109	2.80171	2	2.30521
radius_1(145)	2.51674	2.6135	3.05505	3.49353	3.17975	2.96985	2.44333
radius_1(146)	3.08911	3.27332	3.23193	2.71686	3	3.65405	2.96645
radius_1(147)	3.1908	2.95152	3.04871	3.24957	2.70795	3.13965	3.53027
radius_1(148)	2.67478	2.40977	2.78717	2	2.94128	2.46448	2.92653
radius_1(149)	2.56116	2.91233	3.24728	3.13959	2.96985	3.13892	3.03136
radius_1(150)	2.329	2.5594	3.3206	2.27517	2.78965	2.89871	2.62027
radius_1(151)	2.5643	2.57422	4.05505	2.91073	2.74695	2.9515	3.20507
radius_1(152)	2.8714	2.60413	2.68972	3.0769	2.96722	2.82715	2.90838
radius_1(153)	2.3196	3.12165	3.25684	3.4045	2.2448	3.2522	3.17334
radius_1(154)	3.07098	2.60616	2.94128	2.96985	3	3.11206	2.5177
radius_1(155)	2.75454	2.57336	3.09265	3.23822	2.87097	3.02661	2.87842
radius_1(156)	2.96261	3.58935	2.99321	2.2364	2.92502	3.15393	2.20131
radius_1(157)	3.03061	3.34567	3.21594	3.05298	2.78532	2.97498	3.0769
radius_1(158)	2.61833	2.39407	2.17517	3.10657	3.50647	2.71975	2.94434

radius_1(159)	2.94167	2.97378	2.96985	2.70357	3.12549	2.11243	2.14575
radius_1(160)	2.43206	4.03246	2.97351	2.32117	2.84548	2.26501	2.95203
radius_1(161)	2.19995	1.89453	3.11608	2.5763	2.70379	2.19958	2.0426
radius_1(162)	2.56604	2.79164	2.90378	3.18048	2.61725	2.2423	2.87732
radius_1(163)	2.28845	2.80115	3.35107	3	3.10437	2.45027	2.10669
radius_1(164)	2.88988	2.52696	3.53726	3.55288	3.13614	2.91388	3
radius_1(165)	3.12897	2.43223	3.45271	3.36932	2.42925	2.70405	3.13537
radius_1(166)	3.10999	2.97998	2.18362	2.88937	3.41358	2.33848	2.59356
radius_1(167)	2.90991	2.99144	3.20979	3.302	2.9207	2.92156	3.0769
radius_1(168)	2.98157	2.55042	2.9375	3.3299	2.66809	1.93168	3.05035
radius_1(169)	2.74556	2.45612	3.19995	3.01799	3.23209	2.29829	2.33246
radius_1(170)	2.61935	3.05713	2.94067	2.86231	3.03894	2.2032	3.0769
radius_1(171)	2.87616	3.3988	3.0769	3.4266	3.23865	2.03637	3.06019
radius_1(172)	2.06299	2.94128	3.19006	3.13879	3.0769	2.08966	2.86841
radius_1(173)	2.24475	3.19995	2.96985	3.02073	3.06946	2.43688	3.27307
radius_1(174)	2.3894	3.23743	2.96985	2.52371	3.05626	2.6416	3.23816
radius_1(175)	2.64551	3.00322	3.0769	2.77573	3.37703	1.91861	2.89697
radius_1(176)	2.6564	2.87109	3.3324	2.93469	2.32509	2.67603	3
radius_1(177)	2.76361	2.31921	2.96985	2.96985	2.96985	2.98328	2.03038
radius_1(178)	3.09094	3.03406	3.15393	2.72157	3	3.22668	3
radius_1(179)	3.15393	3.63818	3.0769	2.84424	2.96985		2.29899
radius_1(180)	3.19995	2.46802	2.82104	2.93311	3.23816		2.68774
radius_1(181)	3.55452	2.5174	3.67852	3.21736	2.65299		2.57581
radius_1(182)	3.46959	2.84131	3.06982	3.03491	3.24547		2.46921
radius_1(183)	3.41121	2.33093	3.08728	2.96838	2.77655		2.15809
radius_1(184)	3.33001	2.76186	2.6151	1.8859	2.91888		2.3815
radius_1(185)	3.42306	3.00381	3.29211	3.50871	3.2843		2.84131
radius_1(186)	3.35142	2.87195	3.09786	3.11163	3.46107		2.82299
radius_1(187)	3.27853	2.54781	3.25021	3.34123	3.30542		2.88522
radius_1(188)	3.19995	2.45535	3.073	3.26318	2.15192		2.11503
radius_1(189)	3.23669	2.90027	3.19507	3.70081	2.54974		2.0894
radius_1(190)	3.38184	3.17957	2.49585	3.59108	2.81423		2.25872
radius_1(191)	3.13989	2.43614	3.08569	2.79463	2.96891	3.0769	2.40996
radius_1(192)	3.17969	2.12054	2.71362	3.5228	3.0073	3.15979	2.93811
radius_1(193)	3.17843	2.14852	2.80296	3.34213	2.17046	2.94128	2.86845
radius_1(194)	2.53268	2.87207	2.95056	2.85655	2.68384	2.95105	3.18506
radius_1(195)	3.04939	2.25622	3.28686	2.89938	2.35422	2.9781	2.35566
radius_1(196)	3.52051	2.26564	2.53253	3.32409	2.99385	1.91092	2.36092
radius_1(197)	3.52673	2.81116	2.44967	2.6844	3	2.56861	2.38069
radius_1(198)	2.8923	2.82471	3.06968	3.05419	2.86096	2.70922	2.33769
radius_1(199)	2.79695	2.78018	3.08832	3.08068	2.56024	2.97882	2.20243
radius_1(200)	3.11401	1.9231	2.5503	2.64546	2.60349	2.64221	2.1003
radius_1(201)	3.23538	2.96985	2.93779	3.23816	2.7014	2.03749	2.20288
radius_1(202)	3	2.87556	2.93256	3.19727	3.19995	2.74109	2.153
radius_1(203)	2.87249	2.80675	2.549	2.94922	2.58588	2.93506	2.396
radius_1(204)	3.82999	2.58009	2.41675	3	3.23816	2.36865	2.81418
radius_1(205)	2.22855	2.94666	2.73867	1.91326	3.19995	2.96191	2.23355
radius_1(206)	3.46464	2.12219	3.13959	3.50476	2.99895	3.31262	2.23449
radius_1(207)	2.95098	2.45804	2.93665	2.54004	3.23816	2.97156	2.99972
radius_1(208)	3.30185	3.17969	3	2.90649	3.19995	2.60207	2.24967

radius_1(209)	3.3542	3.0769	2.84008	3.34106	3.05609	2.83106	2.14523
radius_1(210)	3.55601	3.15393	2.96985	2.37034	3	3.30542	2.479
radius_1(211)	2.74999	2.92969	3.20001	3.17339	3.21338	2.90369	2.40256
radius_1(212)	3.28489	3.27783	2.58929	3.15393	3.05859	2.849	2.23722
radius_1(213)	3.6083	3.30188	3.26483	2.93311	3.15393	3.07959	2.89319
radius_1(214)	3.15857	3	3.40424	4.73394	3.23816	3.525	2.21384
radius_1(215)	3.2417	3.97559	3.5288	3.7127	3.23816	3.51715	2.60067
radius_1(216)	3	3.24292	3.34785	4.39124	3.16325	2.94128	2.0605
radius_1(217)	3.23816	3.32288	2.87726	3.07452	2.91248	2.6482	2.16052
radius_1(218)	3.15393	2.25244	3.1322	2.76581	2.96985	3.0769	2.40428
radius_1(219)	3.08838	3.06311	2.85535	3.00946	2.97314	3.19995	2.18347
radius_1(220)	2.98169	3	3.47373	2.2146	3.23816	2.59436	2.28377
radius_1(221)	3.19995	3.34814	3.04401	2.91103	3.15393	2.39997	2.5901
radius_1(222)	2.93213	3.1532	3.38379	2.38433	2.35522	3.23816	2.51709
radius_1(223)	2.82788	2.7832	3.13959	3.20001	3.19995	3.17834	2.31824
radius_1(224)	3.21143	3.19153	2.95142	2.96216	2.86169	3.06416	2.65167
radius_1(225)	2.79102	2.30423	3.38659	3.49622	2.75793	3.03705	2.29498
radius_1(226)	2.81375	2.54944	2.94728	3.20587	3.13917	2.95944	2.40221
radius_1(227)	2.33993	3.23816	3.26277	3.51772	2.98206	3.48081	2.29883
radius_1(228)	2.20829	3.16296	3.41416	3.22989	3.12695	2.85711	3.12854
radius_1(229)	2.94861	3.0769	3.1943	2.88385	3.13281	3.44203	2.96985
radius_1(230)	3.55236	3.02368	3.48016	2.61163	3.1239	3.44702	3.28064
radius_1(231)	2.41696	2.46765	2.81877	2.55183	1.96118	3.47839	2.33609
radius_1(232)	3.92322	3.23816	3.01794	3.05286	3.16785	3.01099	3.23816
radius_1(233)	3.46989	3.58532	3.40204	3.52131	3.14685	3.06855	2.32593
radius_1(234)	2.94166	3.52136	3.13135	3.01595	2.7598	2.69447	3.53832
radius_1(235)	3.42298	4.03885	3.37576	3.13317	2.69324	2.94365	2.79578
radius_1(236)	2.82568	2.39745	3.16809	3.24603	3.01876	2.81253	2.95801
radius_1(237)	3.37036	2.23483	2.92338	2.74003	3.11682	2.74546	2.16145
radius_1(238)	2.81611	2.26607	3.005		3.04638	2.35021	2.948
radius_1(239)	2.79899	2.153	3.37702		3.28735	2.86605	2.93551
radius_1(240)	2.60808	2.95398	3.49976		3.08337	2.62498	2.66691
radius_1(241)	2.95279	2.33653	2.88885	3.40129	3.19995	2.78687	2.85389
radius_1(242)	3.1248	3.0282	3.06409	3.37235	3.19995	2.4574	2.86218
radius_1(243)	3.13843		2.99113	3.43182		3.19238	3.47426
radius_1(244)	3.41357		2.96985	3.54909		2.54993	3.23438
radius_1(245)	2.89796		2.96985	2.88322		3.0769	2.77892
radius_1(246)	3.72038		3.46472	3.55683		2.2146	3.34693
radius_1(247)	3.19995		2.86982	3.52771		2.24461	3.49358
radius_1(248)	3.23816		3.40027	3.83113		3.0105	3.50964
radius_1(249)	3.24489		3.47442	4.19266		3.10889	2.94595
radius_1(250)	3.03172		3.65527	2.81406		2.14111	2.99608
radius_1(251)	2.57799		3.34778	2.92713		2.72607	3.41394
radius_1(252)	2.78794		3	2.80674		3.08154	3.28272
radius_1(253)	2.64962		2.97961	3.40197		3.10583	3.18176
radius_1(254)	2.44677		3	3.45108		2.22031	3.41725
radius_1(255)	2.94499		3.0769	3.1998		2.32883	4.22363
radius_1(256)	3.49548		2.30885	2.67523		2.3416	3.22473
radius_1(257)	3.00296	2.37129	2.63093	3.00882	2.76398	2.26973	3.27075
radius_1(258)	2.60368	2.34299	2.49438	3.18152	3.00122	2.32546	3.60997

radius_1(259)	2.5416	2.42705	2.77087	3.0769	2.89819	2.7031	3.13757
radius_1(260)	2.32585	2.4332	2.61023	3.10437	2.37147	2.94832	2.3536
radius_1(261)	2.83093	2.41176	2.45295	3.51231	2.6873	2.2943	2.82758
radius_1(262)	2.37466	2.33446	2.53364	3.23816	2.29947	2.49887	2.62485
radius_1(263)	2.17242	2.32548	3.03654	3.29199	2.20531	2.10975	2.73502
radius_1(264)	2.86905	2.25973	2.6726	2.80383	2.1355	2.02095	3.15557
radius_1(265)	2.89265	2.68353	2.45526	2.81591	2.36542	2.36033	3.13805
radius_1(266)	2.84843	3.37076	2.67383	2.20932	2.53573	2.77983	3.36752
radius_1(267)	2.74556	2.84814	3.19897	3.07944	2.36335	2.06799	3.13557
radius_1(268)	2.81444	2.34375	3.75854	3.03491	2.57751	3.08767	2.54741
radius_1(269)	3.24915	2.9082	3	2.53485	2.24402	1.81299	2.94671
radius_1(270)	2.58657	2.45422	3.21509	3.22009	2.42904	2.58501	2.86218
radius_1(271)	2.94128	2.51484	2.96985	3.07391	2.20651	2.89185	3.47106
radius_1(272)	3.89055	2.16334	2.79373	2.65361	2.9625	2.96106	2.61844
radius_1(273)	2.86902	2.17675	3.0136	2.3501	2.62146	2.94128	3.08484
radius_1(274)	2.57849	2.16126	2.30322	2.25451	2.23853	2.31552	4.41223
radius_1(275)	2.90222	2.65061	2.6326	2.56818	2.39307	2.68904	4.20293
radius_1(276)	2.25209	2.45919	3.12317	2.45648	2.6866	2.29102	3.01475
radius_1(277)	2.85251	2.39141	2.66995	2.69917	2.37717	2.26249	4.6671
radius_1(278)	2.61747	2.33608	2.95203	2.26396	2.74341	1.91839	3.99463
radius_1(279)	3.31714	2.69964	3.05774	2.38122	2.38057	2.52033	2.57043
radius_1(280)	3.03999	2.75466	3.31627	2.31332	2.15101	2.46377	3.3219
radius_1(281)	2.94128	2.76465	2.70111	2.88179	2.32418	1.55828	3.25342
radius_1(282)	3.6838	2.24742	3.27332	2.83175	2.7113	2.72205	3.37744
radius_1(283)	3.1869	2.27251	3.64283	2.10534	2.22433	3.04065	4.17652
radius_1(284)	2.84502	2.245	3.56679	2.61924	2.2123	2.39564	2.80478
radius_1(285)	3	2.23932	2.14886	2.9353	2.23081	2.40085	2.60021
radius_1(286)	3.0769	3.0769	2.90335	2.99316	2.94177	2.21197	2.77747
radius_1(287)	2.95654	2.06544	3.00564	3.19686	2.33483	2.20889	2.95471
radius_1(288)	2.9574	1.54358	2.99614	2.48561	2.20651	3.24098	2.40137
radius_1(289)	3.13794	2.42356	3.34313	2.29404	2.3502	2.43434	2.95203
radius_1(290)	3.43896	2.60547	3.30273	3.4167	3.11682	3.02698	2.94128
radius_1(291)	2.96985	2.39407	2.73512	2.41785	2.36801	2.70862	2.94128
radius_1(292)	3.15393	2.92969	2.60376	2.98837	2.16387	3.11377	3.15393
radius_1(293)	3.07617	2.33967	2.3283	3.06055	2.74867	2.57593	2.27051
radius_1(294)	4.16392	2.94128	2.18346	3.13611	2.40319	3.06982	2.96985
radius_1(295)	2.7734	2.16248	2.27799	2.98193	2.68952	3.24451	2.96033
radius_1(296)	3.56277	1.99739	2.53694	3.2995	2.44702	3.16549	2.96985
radius_1(297)	3.15314	3.50494	2.31622	3.29346	3.37429	2.58868	2.81763
radius_1(298)	2.86218	2.94901	2.83176	3.51636	2.21454	3.11767	2.33342
radius_1(299)	2.73171	2.12418	3.04102	3.40125	2.91504	3.26647	2.94128
radius_1(300)	2.92722	2.38757	3.30164	3.14648	2.13139	3.35128	3.0907
radius_1(301)	3.01578	2.99193	2.29569	3.5033	3.00475	3.36564	2.6463
radius_1(302)	2.85245	2.27832	2.88452	3.39327	2.25259	3.29501	2.70784
radius_1(303)	2.73913	2.09668	2.3159	3.33771	2.59155	2.9701	2.74776
radius_1(304)	3.54547	2.17521	3.00123	3.63489	1.97986	3.29468	2.15283
radius_1(305)	3.54097	2.94128	2.50189	3.53784	3.22119	2.66179	3.30737
radius_1(306)	3.10802	2.89795	2.37483	3.25531	2.97205	3.20996	3.47226
radius_1(307)	3.25511	2.57813	2.4501	3.19165	2.68612	3.11548	3.39709
radius_1(308)	3.51197	2.58374	3.01001	3.5166	2.77638	3.14456	2.82214

radius_1(309)	3.45715	2.44173	3.04407	2.99902	3.67271	2.94128	2.14419
radius_1(310)	3.29497	2.18457	2.25042	3.54097	3.00012	2.97046	2.35645
radius_1(311)	3.36148	2.97344	2.28704	3.32406	3.17786	3.08487	3.63397
radius_1(312)	2.60916	2.39962	2.96985	3.45117	2.62689	3.43719	4.08822
radius_1(313)	3.05523	2.49135	2.55113	3.54093	2.94254	3.00464	2.9744
radius_1(314)	3.48102	2.72938	3.0769	3.5301	4.51506	2.64332	2.32442
radius_1(315)	3.28629	2.72217	2.80054	3.32332	3.65871	3.23816	2.72666
radius_1(316)	3.20852	2.98169	2.57788	3.34477	2.42999	3.16397	2.37128
radius_1(317)	3.34965	2.68713	2.94128	3.49238	3.24499	3.15417	4.16651
radius_1(318)	3.48728	2.03027	2.19189	3.5072	2.24797	2.7116	3.20313
radius_1(319)	3.49268	2.28334	3.18188	2.9816	2.14488	3	3.15125
radius_1(320)	3.25876	2.2832	3.1354	3.43251	1.86712	3.10022	2.50867
radius_1(321)	3.72982	2.65933	3.1354	3.20068	2.53113	2.63093	3.24902
radius_1(322)	2.48676	3.19543	2.98216	3.69189	2.58963	2.60926	2.85754
radius_1(323)	3.2197	2.63896	2.81703	3.16919	2.5163	3.0769	2.68983
radius_1(324)	3.49954	2.05545	3.22514	3.04456	1.85718	2.93311	3.07289
radius_1(325)	2.77564	1.76086	3.13965	2.89722	2.47922	2.48663	2.73524
radius_1(326)	3.46803	2.60445	3.48132	3.23816	2.75141	2.95679	3.31812
radius_1(327)	3.67604	2.55782	3.25574	2.93063	2.32784	3.2489	4.13257
radius_1(328)	3.60372	2.37868	2.28497	2.41173	2.18627	2.94128	2.34194
radius_1(329)	3.13097	2.4022	3	2.27466	1.90674	2.08407	2.43266
radius_1(330)	3.09918	2.38526	3.44434	2.84795	2.23462	2.08789	2.32169
radius_1(331)	3.80811	2.22388	3.16687	2.97974	2.56226	2.42334	2.16022
radius_1(332)	3.17218	2.26145	3.3642	2.85035	2.19007	3.0332	2.94915
radius_1(333)	3.07611	2.23655	2.84189	2.76749	2.52448	3.0769	3.66604
radius_1(334)	4.73543	2.44216	3.00131	3.2733	1.97986	3.0769	2.85413
radius_1(335)	2.95717	2.83689	3.16954	2.42331	2.99977	3.08047	2.54268
radius_1(336)	4.12565	1.87573	3.03625	2.84707	2.28605	3.23455	2.83862
radius_1(337)	3.65845	2.1434	3.4032	2.93878	2.63715	2.75312	2.79718
radius_1(338)	2.97229	2.54478	3.07633	3.16754	2.40383	2.42392	3.25298
radius_1(339)	3.0131	2.57342	3.52215	2.94128	3.13002	2.75825	3.079
radius_1(340)	2.70094	2.31359	2.70003	3.0769	2.43005	2.79476	3.27279
radius_1(341)	3.36542	2.22131	2.83292	2.90723	2.97466	2.47559	3.31653
radius_1(342)	3.18017	2.42315	3.83579	3.20019	2.22845	3	2.94504
radius_1(343)	2.93445	2.22024	3.45198	2.90728	2.43403	2.87585	3.1618
radius_1(344)	2.91132	2.411	2.9261	2.79597	2.39235	2.43661	3.13959
radius_1(345)	3.13959	2.3654	3.53779	3.12866	2.26806	2.45117	3.10828
radius_1(346)	3.13959	2.96778	3.42357	3.74573	2.6305	2.27252	2.95592
radius_1(347)	3.23822	2.23793	3.15824	3	2.13116	2.45483	3.0769
radius_1(348)	3.00104	2.98526	4.10022	2.41711	2.61169	2.75806	2.95203
radius_1(349)	2.53247	2.81401	3.53553	1.97441	2.73244	3.0769	3.23822
radius_1(350)	2.78579	2.89696	3.59563	2.98199	2.30051	3.0769	3.13959
radius_1(351)	2.82366	2.15084	3.5067	2.17163	3.08496	2.94055	2.96985
radius_1(352)	3.00305	2.30554	3.23541	3.18652	3.3147	2.76917	3.17975
radius_1(353)	3.03934	3.01396	2.82324	2.94746	2.21167	2.3861	2.8258
radius_1(354)	2.7498	2.48581	2.99377	3.38746	3	2.33879	2.96985
radius_1(355)	2.78147	2.32546	3.03895	3.46836	2.59216	2.50908	3.1416
radius_1(356)	2.27497	2.32805	2.58587	3.40755	2.21167	1.81508	2.96985
radius_1(357)	3.40565	2.41376	2.96225	3.75394	3.19568	2.05588	3.34174
radius_1(358)	3.0769	2.61145	3.23987	3.30317	1.72388	2.63529	2.40564

radius_1(359)	3.15393	2.50025	3.20093	3.47977	3.21838	3.2696	3.30237
radius_2(0)	3.11121	3.73254	3.16565	2.89602	3.40881	3.54097	3.56087
radius_2(1)	2.50253	2.95203	3	2.89796	2.98633	3.5791	3.0769
radius_2(2)	3.02771	2.92786	2.96936	3.66907	2.98529	3.25645	3.43358
radius_2(3)	3.245	3.55786	2.96985	2.5138	3.32678	3.3968	3.09424
radius_2(4)	3.17969	3.96522	3.24407	3.68482	3.21366	3.28517	2.96985
radius_2(5)	2.76855	2.88501	2.96985	2.95238	2.69941	3.44559	3.187
radius_2(6)	2.80944	3.24878	2.96985	3.74187	3.14954	2.72907	3.53497
radius_2(7)	3.01573	3.79517	4.25659	2.88717	2.53525	3.01758	3.17712
radius_2(8)	2.47578	2.96899	4.22937	3.12307	3.33731	3.38746	3.25684
radius_2(9)	2.75981	3.55994	2.96985	3.73979	3.38708	3.54102	2.97058
radius_2(10)	2.48618	3.17936	3.13965	3.20352	2.80837	3.45845	3.69766
radius_2(11)	2.69153	3.15759	3.32325	3.15406	2.96875	3.37175	4.08191
radius_2(12)	2.50258	4.19995	3.15393	2.98962	3.48975	3.24749	3.07617
radius_2(13)	2.94134	4.08789	2.86658	3.08638	3.17285	3.34497	2.9537
radius_2(14)	3.03699	3.97559	3.85742	3.39637	3.17768	3.40942	3.15393
radius_2(15)	3.23669	3.97559	4.18068	3.35362	3.11194	2.7758	2.94128
radius_2(16)	3.1626	4.0033	3.54822	2.94613	3.21599	2.94902	3.26648
radius_2(17)	3.7109	4.03113	3.38248	3.02769	2.39075	3.37285	3
radius_2(18)	3.19957	3.96863	3.44466	3.11052	2.832	3.31425	3.18393
radius_2(19)	4.39026	3.97559	4.09478	3.88605	2.99268	3.33877	3.23816
radius_2(20)	3.65715	4.10803	4.10436	3.76848	2.68353	2.64492	2.94128
radius_2(21)	3.31948	4.23413	4.07998	3.44059	2.57896	2.85784	3.33545
radius_2(22)	2.80934	2.99756	3.49367	3.38586	2.96351	2.87668	2.88635
radius_2(23)	2.25255	3.90479	3.97559	3.91713	3.00958	2.64703	2.86913
radius_2(24)	3.0553	3.9845	3.16992	3.47951	3.07458	2.92238	3.36633
radius_2(25)	2.45945	3.09619	3.08649	3.58641	2.69049	2.47085	3.40972
radius_2(26)	3.09606	3.08838	3.34949	3	2.82719	2.98816	2.97058
radius_2(27)	3.09606	3.08838	3.34949	3	2.82719	2.98816	2.97058
radius_2(28)	2.47731	4.22937	2.98933	3.08832	3.32375	1.3486	3.20713
radius_2(29)	3.1095	3.38135	3.12292	3	3.39286	3.49292	3.12952
radius_2(30)	2.63889	4.1178	2.86378	3.00061	3.4455	4.4596	3.0769
radius_2(31)	2.4011	4.22876	3.44312	4.00244	3.01459	4.80203	3
radius_2(32)	2.63499	3.87319	3.29333	2.88684	3.52588	3.95533	2.96985
radius_2(33)	2.63232	4.17143	2.94582	3.35361	2.93563	2.77283	3.09399
radius_2(34)	2.92834	4.83506	2.91509	3.22144	3.41098	2.96476	3.23816
radius_2(35)	3.1781	4.16142	3.26817	2.76999	3.22406	3.01382	2.9436
radius_2(36)	2.96887	3.66424	2.95236	3.30181	3.15643	2.95186	3.32117
radius_2(37)	3.14282	2.96985	3.48955	3.21094	3.45917	2.49343	3.93389
radius_2(38)	2.96985	3.48083	2.68877	2.99904	2.64752	2.93899	4.04471
radius_2(39)	3	3.9939	3.07115	3.25013	2.33106	2.54846	3.24391
radius_2(40)	2.18591	2.89539	2.93076	3.32535	2.46572	2.82934	3.52492
radius_2(41)	3.10906	3.88074	2.87601	2.95272	2.82433	2.94592	3.43634
radius_2(42)	2.60156	3.04016	2.8904	3.11776	2.90346	2.91235	4.0885
radius_2(43)	3.51499	3.20709	2.611	3.28314	2.3145	3.10791	3.53881
radius_2(44)	2.69267	4.50122	3.20093	3.68528	2.16301	2.94128	3.40499
radius_2(45)	3.18276	5.45129	3.15142	3.16687	2.19512	3.0769	2.96985
radius_2(46)	2.39674	3.77484	3.0769	3.46121	2.64185	4.05391	3.13489
radius_2(47)	2.80142	4.18217	3.71127	3.19878	2.59731	2.92932	4.46137
radius_2(48)	3.07277	4.05461	2.90898	2.95004	2.73736	3.14661	3.8425

radius_2(49)	2.83853	3.95502	3.10716	3.60859	2.71085	3.34143	4.53835
radius_2(50)	2.50245	4.17419	4.03246	2.98311	2.53687	3.18319	4.44626
radius_2(51)	2.80426	4.21927	3.35315	3.85327	2.64587	3.17139	4.23047
radius_2(52)	3.09326	4.03773	3.13965	3.81857	2.45029	3.56265	4.44324
radius_2(53)	2.63745	4.34493	3.43198	3.41693	2.9967	3.56052	3.50854
radius_2(54)	3.22571	3.70785	4.15598	3.09937	2.63916	3.44015	2.9657
radius_2(55)	2.49158	3.59725	3.23816	3.85655	3.10303	2.60134	3.31077
radius_2(56)	3.0412	3.67752	3.36699	3.24074	2.72338	2.72351	3.63762
radius_2(57)	3.15393	3.44214	4.19995	2.50016	2.2889	2.81347	3.33813
radius_2(58)	3.13965	2.52559	3.13965	3.97559	2.34723	3.2677	3
radius_2(59)	3.04904	2.71742	3.0769	3.15833	1.85218	3.40348	2.92535
radius_2(60)	3.15564	3.1637	3.27966	3.45459	2.84686	3.19532	2.56698
radius_2(61)	2.96667	3.33508	3.15091	3.01135	3.09094	3.42204	2.98747
radius_2(62)	3.0161	4.02051	3.01174	4.18054	1.96118	3.45517	3.05988
radius_2(63)	3.0769	4.25659	3.132	3.12976	3.23822	3.40485	2.69511
radius_2(64)	3.00024	3.27731	3.37115	2.87443	2.95203	2.88116	2.35877
radius_2(65)	3	3.90479	3.20062	3.39827	3.23822	3.4278	3.0769
radius_2(66)	2.94653	4.32837	2.72832	3.57165	4.70056	3.51522	2.1858
radius_2(67)	2.30798	3.60034	2.77284	3.66402	3.2579	3.44227	2.11416
radius_2(68)	3.25488	3.03894	2.95203	3.05442	3.97656	3.39022	2.42105
radius_2(69)	2.72404	4.24989	2.65519	3.90479	3.25684	3.46286	2.60401
radius_2(70)	2.95801	3.99146	3.17969	3.1217	3.72439	3.4985	2.8371
radius_2(71)	3.27322	4.28772	2.82603	4.24231	3.36144	3.46855	2.94861
radius_2(72)	2.65909	3.76997	3.02592	3.4728	3.64386	3.30045	2.43254
radius_2(73)	2.90136	3.96064	3.27673	4.12206	3.28474	3.35729	2.65933
radius_2(74)	2.97681	4.1022	3.06445	4.05801	2.96985	3.23911	3.09408
radius_2(75)	3.12587	3.30164	2.81384	4.75277	2.35425	2.74703	2.9325
radius_2(76)	2.87055	3.50036	3.03943	4.21347	2.69355	3.23966	2.70241
radius_2(77)	2.87297	3.67797	3.18275	4.07337	3.14609	3.16539	3.05537
radius_2(78)	2.45235	4.07207	2.96582	4.22742	2.60682	3.41386	2.44156
radius_2(79)	3.06641	3.79007	3.53725	3.91735	2.50295	3.00089	2.39932
radius_2(80)	2.67957	3.42766	3.02969	4.3804	3.07928	2.8264	2.94064
radius_2(81)	2.40679	3.56152	3.18103	4.1918	3.15393	3.53736	2.90332
radius_2(82)	2.51144	4.0365	3.53738	3.85258	3.23822	3.19886	2.75342
radius_2(83)	3.37792	3.45153	3.3327	4.02167	2.4595	3.51982	3.12005
radius_2(84)	3.10231	4.02124	3.05359	3.84309	3.26398	3.00159	3.12329
radius_2(85)	2.99626	3.9845	3.25155	3.21924	3.15112	3.18652	3.13163
radius_2(86)	2.54607	3.21497	3.14233	4.35295	3.23822	2.90338	2.83914
radius_2(87)	2.927	3.98291	3.3373	3.64551	2.96985	2.03771	3.02075
radius_2(88)	2.95738	3.65869	3.38208	3.32251	2.96985	2.92251	3.0769
radius_2(89)	2.72691	3.2538	3.43268	3.68868	3.23822	2.34757	3.15393
radius_2(90)	3.34514	3.24743	3.8341	4.02599	3.15393	3.0459	3.41663
radius_2(91)	3.11978	3.0273	3.27673	3.69128	3.18988	2.52226	3.6556
radius_2(92)	2.90456	3.66201	3.28901	3.80795	3.17576	2.6299	3.9792
radius_2(93)	2.79462	3.61682	3.07373	3.3539	3.23822	2.58804	3.08685
radius_2(94)	2.43707	2.97111	2.95203	4.20932	3.15393	3.10952	2.98914
radius_2(95)	2.71224	4.46272	3.25684	3.47314			3.37846
radius_2(96)	2.12572	3.02628	3.22945	3.70058			3.69381
radius_2(97)	2.87061	3.63722	3.09765	3.38525			3.54906
radius_2(98)	2.94772	4.42365	2.7945	3.75793			2.98169

radius_2(99)	2.93323	2.97784	2.50474	4.11902			4.44851
radius_2(100)	4.53707	2.92641	2.9879	3.46639			4.458
radius_2(101)	2.68963	2.81179	3.13806	4.21777			3.96338
radius_2(102)	2.71803	2.94351	3.56885	3.18298			3.50407
radius_2(103)	2.70793	3.28972	2.88652	4.25659	3.79439	3.48887	3.4736
radius_2(104)	3.10812	4.47823	3.00762	3.13062	3.46497	2.98617	3.09329
radius_2(105)	1.95265	2.56412	3.45129	3.9845	3.5657	3.10107	4.53711
radius_2(106)	3.03464	3.22986	3.12793	3.17597	3.33479	3.97552	3.9845
radius_2(107)	3.75107	3.71081	3.62659	3.53782	3.39998	3.24744	4.12518
radius_2(108)	3.89506	3.02264	3.39038	3.13812	3.20159	2.909	2.89634
radius_2(109)	3.48177	3.29512	2.88376	3.18596	3.2093	3.13397	2.78716
radius_2(110)	3.70713	4	3.0343	2.85452	2.95939	3.36811	3.50101
radius_2(111)	2.78078	4.43646	3.8291	3.64809	3.46583	3.61365	3.12012
radius_2(112)	3.07766	4.02991	3.15393	3.14258	2.9074	4.05887	3.2967
radius_2(113)	2.93524	4.10498	4.03151	3.49146	3.09949	3.16748	3.12708
radius_2(114)	3.05151	4.75583	3.30215	3.48987	2.97991	3.51452	3.5837
radius_2(115)	3.37797	4.02555	4.10022	3.03476	3.40323	3.52777	3.0061
radius_2(116)	3.33081	3.77152	3.66581	3.31883	3.35303	3.08569	3.10733
radius_2(117)	3.0636	4.27112	4.12332	3.02419	3.25378	2.98755	3.13275
radius_2(118)	2.45551	3.93787	3.94019	3.27435	3.47384	2.83389	2.84442
radius_2(119)	3.17319	4.75942	3.41077	3.07208	3.11513	3.15393	2.89026
radius_2(120)	4.32434	4.33462	4.08102	3.41449	3.32065	3.28113	3.41331
radius_2(121)	3.51585	3.96667	4.06621	3.16224	2.9906	2.95203	3.6824
radius_2(122)	3.0874	5.63196	3.37447	3.16536	2.96985	3.22091	3.15393
radius_2(123)	3.23618	5.61153	3.74426	3.6828	3.01318	3.7019	3.2771
radius_2(124)	2.93152	4.86598	3.35088	2.88464	3.01538	2.92944	3.0697
radius_2(125)	4.44214	4.74397	3.92137	4.11248	2.96985	3.24268	3.9349
radius_2(126)	3.97411	4.09398	4.1874	3.46851	3.20898	3.2478	3.15351
radius_2(127)	3.45618	4.08088	3.27	3.88995	2.96832	2.801	2.74975
radius_2(128)	3.23103	4.15588	3.64932	3.23547	3.15393	3.20374	3.14422
radius_2(129)	3.30017	4.26802	2.97534	3.14252	3.25745	3.35144	5.59801
radius_2(130)	3.36047	4.17407	4.1864	4.22937	2.96985	4.39513	4.09992
radius_2(131)	3.62878	4.27954	3.32363	3.91742	3.0769	3.79427	3.3156
radius_2(132)	3	4.11902	3.30516	3.77442	3.16138	3.5943	4.08356
radius_2(133)	3.29684	4.27966	4.32336	2.80872	3.0769	3.27497	3.1853
radius_2(134)	2.93604	4.25049	3.23816	3.1355	2.97039	3.39814	3.13959
radius_2(135)	3.0769	4.36694	3.53101	4.00635	2.73607	3.09096	3.24005
radius_2(136)	3.07649	3.49608	3.16443	3.27301	2.44609	3.58862	2.32034
radius_2(137)	3.03046	3.0354	2.98975	3.24841	2.54315	3.17969	3.02363
radius_2(138)	3.09415	3.34729	3.995	3.21521	2.57638	3.1283	2.20386
radius_2(139)	3.29242	3.14098	3	4.22967	2.89417	2.87634	2.46919
radius_2(140)	2.84534	2.84353	3.15393	3.28628	2.53808	3.15759	3.20356
radius_2(141)	3.05457	3.8466	4.28406	4.11019	2.98392	3.24365	2.11291
radius_2(142)	3.06875	2.9459	3	3.36426	2.88111	2.93445	2.8712
radius_2(143)	3.37451	3.67217	3.97632	4.08434	3.11624	3.15393	2.93464
radius_2(144)	3.21022	2.95264	4.00464	3.32232	2.87673	2.61203	2.91238
radius_2(145)	2.77422	3.01213	3.63548	3.52742	3.04681	3.06421	3.24987
radius_2(146)	3.27581	3.58068	3.03057	4.19495	3.36206	3	3.12934
radius_2(147)	3.15789	3.2001	3.15918	3.23822	3.23822	3.17969	3.06666
radius_2(148)	3.0923	2.73115	2.61108	3.14551	2.91083	3.34011	4.18542

radius_2(149)	3.10499	3.29278	3.13623	4.28137	2.96075	3.28638	3.40045
radius_2(150)	3.04759	3.10485	2.96985	3.97552	2.94128	2.90356	3.51033
radius_2(151)	3.12188	2.91431	3.24507	3.20374	3.16974	3.54517	3.55301
radius_2(152)	2.96317	3.37736	3.33299	3	3	2.9415	2.81751
radius_2(153)	2.79098	3.02575	3.04146	3.15393	2.46698	3.5301	3.00708
radius_2(154)	3.24523	2.79761	4.02075	2.96985	2.96985	3.9067	3.32303
radius_2(155)	3.46605	3.30005	3.25696	4.25659	3	3.05354	3.57088
radius_2(156)	3.60027	3.4967	3.14915	3.32501	3.67359	3.3036	3.33057
radius_2(157)	3.31392	2.47842	2.83162	3.06183	3.0769	3.15393	2.92944
radius_2(158)	3.07642	2.49637	3.51982	3.58835	3.47434	3.23816	3.5014
radius_2(159)	2.74556	3.18989	2.95325	3.19598	2.97705	2.69836	3.0769
radius_2(160)	2.91903	3.83083	3.10369	3.11786	2.802	2.06895	2.95149
radius_2(161)	2.98479	2.3789	2.95032	2.99242	3.18369	3.12579	2.96985
radius_2(162)	3.19028	2.73356	2.78235	3.20354	3.41505	2.74945	2.76986
radius_2(163)	2.78381	3.11462	3.17727	3.5191	3.51129	2.15205	2.96985
radius_2(164)	2.92234	3.17326	2.94775	3.14319	3.27512	2.38129	2.7485
radius_2(165)	3.59385	2.76999	2.86445	4.22937	3.46441	3.01522	2.90771
radius_2(166)	3.6121	3.14792	2.82451	3.15393	3.54124	2.38105	2.96985
radius_2(167)	2.48851	3.05514	3.6738	4.25739	3.5301	2.68178	2.94128
radius_2(168)	2.44259	2.98249	3.125	4.22937	3.34446	2.38075	3.0769
radius_2(169)	3.1305	2.97016	3.13443	4.41595	3.46353	2.39749	2.96512
radius_2(170)	2.84863	3.04675	3.28571	3.17606	3.43955	2.45955	2.94971
radius_2(171)	3.29635	3.04681	3.50731	4.2054	3.19849	3.17831	2.96985
radius_2(172)	2.68742	3.15125	3.47424	3.39997	2.95203	3.34697	3.13965
radius_2(173)	3.09689	3.45647	2.95276	3.92225	2.96985	2.69934	3.08081
radius_2(174)	3.26519	3.13965	2.90356	3.4837	3.0769	2.50647	3.19995
radius_2(175)	3.02656	2.87683	3.08521	3.9906	2.96985	2.01455	3
radius_2(176)	3.16132	3.14426	3.19995	2.96985	3.08582	3.01314	3
radius_2(177)	2.73201	2.93425	2.9574	4	3.08459	3.07483	2.94128
radius_2(178)	3.37162	2.58125	3.25	3	3	2.61979	2.96985
radius_2(179)	3.15393	3.58776	3.76184	2.96985	2.96985		2.99831
radius_2(180)	3.15487	3.34924	3.85706	3	3.25159		3.01746
radius_2(181)	3.27862	3.31065	3.37874	3.97559	2.96985		2.88635
radius_2(182)	3.75947	2.51767	3.98783	3.0769	3.77015		2.73816
radius_2(183)	3.49532	2.82325	4.00098	4.0022	3.91731		3.4668
radius_2(184)	3.5635	2.74729	3.323	3.84875	4.20669		2.27329
radius_2(185)	4.11348	3.10053	3.19995	2.95703	2.96985		3.13708
radius_2(186)	3.18972	3.12059	3.05194	3.64775	2.92357		3.27881
radius_2(187)	3.53602	3.20422	3.16383	2.91436	3.39949		2.69763
radius_2(188)	3.31445	2.9857	2.97039	2.93433	3.23755		2.52753
radius_2(189)	3.46311	3.42737	3.26978	2.86603	2.27565		2.44514
radius_2(190)	3.32239	3.03589	3.75064	3.04073	2.17667		2.9396
radius_2(191)	3.97559	3.13183	3.01606	4.22937	2.75122	2.94128	2.60849
radius_2(192)	3.12659	2.77508	3.19092	3.60803	2.87007	2.94128	3.0456
radius_2(193)	3.77098	3.19173	2.64099	3.71959	2.95203	2.92944	2.89541
radius_2(194)	3.16309	2.7794	3.63467	3.81061	3.02441	2.95203	2.63222
radius_2(195)	3.64491	2.50422	3.22267	4.17423	3.74402	3.97454	2.44457
radius_2(196)	3.47996	2.52389	3.20727	4.04605	3.19995	3.69277	2.54681
radius_2(197)	3.38462	3.02694	2.84824	2.78665	3	3.74517	2.96916
radius_2(198)	2.6856	3.11747	3.18802	3.40996	3.0885	3.14367	2.96684

radius_2(199)	4.04515	3.04026	2.99286	3.36816	3.31372	3.341	2.73978
radius_2(200)	3.56669	2.93252	3.73657	3.27152	2.96985	3.74973	2.77163
radius_2(201)	3.55929	2.96497	2.82617	3.67679	3.04102	2.62789	2.81322
radius_2(202)	3.43316	3.33763	3.63558	3.81897	4.22339	2.96822	3.00788
radius_2(203)	3.21143	3.00961	3.68304	4.22937	2.96985	2.73565	2.81117
radius_2(204)	3.9622	3.12129	3.06958	4	3.26839	3.3096	2.45062
radius_2(205)	3.12544	3.38708	3.23596	3.13757	4.19995	2.92944	2.50992
radius_2(206)	3.23907	3.29445	2.82581	3.12734	3.43365	2.62509	2.91333
radius_2(207)	3.17172	3.24841	2.64608	3.43286	3.50415	3.11865	3.00199
radius_2(208)	3.9198	2.97011	3.45087	2.74683	4.1363	3.3457	3.11202
radius_2(209)	3.0014	3.02273	3.0769	3.36365	2.9679	3.27942	2.90974
radius_2(210)	4.3848	3.19128	3.3562	3.03613	2.96985	2.76599	2.49934
radius_2(211)	3.50014	3.0769	4.20001	3.2016	2.9906	3.03699	3.00244
radius_2(212)	3.22475	3	3.74994	3.17517	3.13635	3.15393	2.92666
radius_2(213)	3.86885	3.323	4.25708	2.79129	3.23816	2.87187	2.80029
radius_2(214)	3.43472	3.14587	3.38849	3.81152	3.15393	2.92944	2.84514
radius_2(215)	3.54785	3.90575	2.91016	2.72036	3.15393	2.92944	2.74556
radius_2(216)	3.40472	2.94355	3.62946	2.84002	3.15393	2.95691	2.74556
radius_2(217)	4.28149	4.19995	3.17333	3.62906	2.9187	2.94128	2.97479
radius_2(218)	3.78889	4.19995	3.392	3.26833	3.10413	2.94128	2.51251
radius_2(219)	3.0769	4.15247	3.40338	3.6178	3.0769	3.36565	2.7518
radius_2(220)	3	3	3.74254	3.49982	3.25208	2.97009	2.64661
radius_2(221)	3.19995	4.19995	3.77443	3.24146	3.15393	3.51575	2.99721
radius_2(222)	3	4.30298	3.57837	3.81299	2.96021	3.24561	2.59621
radius_2(223)	3.23816	3.21582	3.28817	3.29572	4.07666	3.71509	2.77759
radius_2(224)	3.99231	4.46069	4.17933	3	3.6676	3.16174	3.24868
radius_2(225)	3.19897	3.09131	3.94062	4.25098	3.19995	2.77262	2.02499
radius_2(226)	3.79565	4.39429	3.89453	3.12018	3.15906	3.64342	2.92174
radius_2(227)	2.99118	3.52964	3.50789	3.49881	2.96985	3.39881	2.98782
radius_2(228)	2.99178	3.13965	3.52046	3.28103	2.90896	3.28173	2.81909
radius_2(229)	3.07853	3.64673	3.79032	2.91138	3.02148	3.10565	2.91345
radius_2(230)	3.71296	3.90479	4.0032	3.24341	3.57947	3.67032	3.54486
radius_2(231)	3.15518	3.15271	4.25602	3.99261	2.87196	3.42368	3.97559
radius_2(232)	3.22914	3.14893	4.05443	3.19866	2.96985	3.12829	3.15393
radius_2(233)	3.65411	3.9845	3.88935	3.6047	3.39402	3.54097	3.21793
radius_2(234)	3.39881	2.96985	4.19575	4.01028	2.98463	4.11973	3.97559
radius_2(235)	3.76445	3.5496	3.8194	3.76548	3.14366	3.41348	4
radius_2(236)	3.11157	4.15369	3.57172	4.13103	3.45215	3.45241	3.07757
radius_2(237)	3.67847	4.03601	4.09538	3.4561	3.28202	3.34779	2.95227
radius_2(238)	3.57358	3.21802	3.32274		3.39368	3.54555	3.9845
radius_2(239)	3.46959	3.01172	4.07363		3.091	3.42358	3.08826
radius_2(240)	3.45101	4.06431	3.51964		3.30792	2.76733	4.05359
radius_2(241)	3.49176	4.80513	3.15206	3.41638	3.0835	2.68851	3.34521
radius_2(242)	4.19219	4.26233	3.08967	3.17745	3.1803	3.39822	3.4813
radius_2(243)	3.3982		3.0011	3.15742		3.13977	4.00428
radius_2(244)	4.11269		2.96985	3.51423		2.93546	3.58582
radius_2(245)	3.72379		3.00317	3.00382		2.94128	3.36584
radius_2(246)	3.3585		3.90186	4.80182		3.31677	3.35592
radius_2(247)	2.92156		4.29688	4.12829		3.39098	3.34253
radius_2(248)	3.15921		3.3335	4.08303		2.83081	4.1773

radius_2(249)	3.26636		4.35718	3.87034		2.92709	3.57337
radius_2(250)	3.51748		3.35095	4.14726		2.96985	4.16478
radius_2(251)	2.62394		3.97559	3.12952		2.94128	4.2324
radius_2(252)	3.26671		4.02668	2.78973		3.19995	3.91084
radius_2(253)	3.05777		3.28003	3.17834		2.96985	3.73039
radius_2(254)	2.84004		2.88074	3.22712		2.18982	2.84582
radius_2(255)	2.98158		3.90479	3.28045		2.5532	3.64204
radius_2(256)	3.04715		3.37697	3.33643		2.33072	3.6505
radius_2(257)	3.62513	2.83713	3	3.65611	2.39184	2.813	3.33327
radius_2(258)	3.0658	2.97524	3.46216	3.28113	3.05725	2.51146	4.24765
radius_2(259)	3.12648	3.52362	3.15393	3.32678	2.91923	2.36089	4.28102
radius_2(260)	3.6701	2.74556	3.0347	3.25635	2.57779	2.22499	3.28074
radius_2(261)	3.65957	3.12555	3.18857	3.91125	3.19317	2.47246	3.17306
radius_2(262)	3.44698	3.21003	3.13256	4.23865	3.20605	2.1265	3.48374
radius_2(263)	3.0393	3.42246	2.73011	3.57532	3.18939	2.07119	3.39052
radius_2(264)	3.77401	3.01027	3.31726	4.24817	2.40754	2.85242	3.32659
radius_2(265)	3.02972	2.91686	3.16629	3.15393	3.03755	3.49357	3.10881
radius_2(266)	2.85406	3.13287	2.96369	4.03625	2.37196	2.33869	3.74624
radius_2(267)	3.63455	3.08884	3.96648	2.34523	3.02661	2.79062	3.19125
radius_2(268)	3.75719	2.62852	3.08604	3.03994	3.16601	2.32814	4.22564
radius_2(269)	3.67394	2.89226	3.1628	2.89248	2.39654	3.14391	4.12413
radius_2(270)	3.62186	2.59705	3.61713	2.9819	2.36096	2.39782	3.57778
radius_2(271)	3.35253	3.17029	3.19312	2.95501	2.40854	2.33297	3.52802
radius_2(272)	3.13965	3.09751	3.17163	3.25286	2.61531	2.81401	3.40503
radius_2(273)	3.59448	3.03406	2.94173	3.27668	2.7302	2.75476	3.40661
radius_2(274)	3.19697	2.96304	2.90275	3.45707	2.87883	3.16077	3.43665
radius_2(275)	4.02075	2.95505	3.05587	2.44324	2.92389	2.49903	4.29869
radius_2(276)	3.12092	2.64292	2.99301	3.61379	3.24693	2.21667	3.96151
radius_2(277)	2.95203	2.46469	3.18946	2.90074	3.01111	3.37248	4.35897
radius_2(278)	3.09377	2.8494	3.1925	2.92963	2.52245	2.80478	3.97021
radius_2(279)	3.19946	3.04526	2.95229	2.88553	2.29035	3.10775	4.11902
radius_2(280)	3.33008	3.11687	5.34082	3.02706	2.43059	2.66306	3.94234
radius_2(281)	2.94798	2.96911	5.2314	2.95493	2.69541	3.01821	3.46053
radius_2(282)	3.97559	3.19078	4.91108	3.20744	2.73108	2.70336	3.81252
radius_2(283)	3.23816	2.93028	2.92421	2.87844	2.19594	3.1718	4.07942
radius_2(284)	2.96985	2.99121	3.61581	2.90257	2.7863	3.05737	4.5394
radius_2(285)	4	3.11065	3.04931	3.61621	2.68009	2.7461	4.42079
radius_2(286)	3.2312	3.06847	3.09885	2.95268	2.5271	2.99704	4.39856
radius_2(287)	3.0769	2.90611	3.53734	3.08128	2.21692	2.92001	2.93245
radius_2(288)	2.9582	3.20848	3.04703	2.76733	2.59796	2.15136	3.35617
radius_2(289)	3.07141	3.11816	3.02773	3.21441	2.37285	2.17639	4.02075
radius_2(290)	3.13965	2.88977	2.95264	3.48271	2.83475	3.0329	3.90479
radius_2(291)	2.9541	3.24243	3.66189	3.50111	2.23388	1.91753	3.9845
radius_2(292)	3.23816	3.16003	3.101	3.1152	2.47058	2.54328	4.11902
radius_2(293)	3.86169	3.20044	2.92957	3.08298	3.14763	2.21394	3.0061
radius_2(294)	3.45104	3.38904	2.74556	3.70916	2.93477	2.16931	2.96985
radius_2(295)	4.06228	3.02161	3.69104	2.40615	2.27417	3.06335	2.92468
radius_2(296)	3.21915	3.45728	2.99979	3.52461	2.81591	3.23816	3.9845
radius_2(297)	3.25061	3.11086	2.9119	3	2.87655	2.96985	3.68726
radius_2(298)	3.58698	3.02133	2.97594	4.13995	2.43253	2.96985	3

radius_2(299)	3.48746	2.97375	3.17865	3.56665	2.7064	3.0769	3.14075
radius_2(300)	3.33994	3	3.00976	3.59623	3.05	3.5729	4.03455
radius_2(301)	3.47368	3.6488	2.47959	3.33741	3.22926	3.22217	3.59244
radius_2(302)	3.28339	2.82446	3.14849	3.52695	2.64725	2.96985	2.89185
radius_2(303)	4.18222	2.51164	2.9499	4.09159	2.64371	3.44566	3.05257
radius_2(304)	3.35104	2.81859	5.95086	4.47551	2.81324	3.58459	2.40357
radius_2(305)	4.1429	3.06456	4.5163	3.34482	2.95264	3.54278	3.31543
radius_2(306)	3.61533	2.76524	3.83177	3.54184	3.55884	3.6803	3.28223
radius_2(307)	3.65394	2.94128	3.16077	3.55116	3.02993	3.39026	3.31773
radius_2(308)	3.33927	3.29247	4.03979	3.36705	3.45431	3.43213	3.46774
radius_2(309)	3.34473	2.95203	2.95203	3.39514	3.0769	2.94128	2.59971
radius_2(310)	3.54452	3.08699	3.42061	3.44965	2.73046	3.0769	2.96985
radius_2(311)	3.26113	3.43494	3.4897	3.56316	3.866	3.12561	3.11164
radius_2(312)	3.40923	2.68816	2.96985	3.71969	3.84342	3.17273	3.2642
radius_2(313)	3.51593	3.11599	3.13653	4.09267	2.37376	4.09689	3.32329
radius_2(314)	4.124	2.85579	2.95154	4.0434	3.49799	3.37	3.1665
radius_2(315)	3.32937	2.96985	2.96985	3.4639	5.43559	3.23816	3.03225
radius_2(316)	4.10453	3.24741	2.94128	3.87912	5.43922	3.45155	3.24869
radius_2(317)	3.44879	2.95895	3.13135	4.20542	5.36799	3.25684	3.39984
radius_2(318)	3.73386	3.05522	3.02319	4.19801	3.89722	2.96985	3.98291
radius_2(319)	3.49687	2.82238	3.52431	3.51967	3.73225	2.96985	4.1262
radius_2(320)	4.08455	2.80933	4.04883	4.17831	3.12379	3.15393	3.19383
radius_2(321)	3.47744	3.02316	4.10303	4.17411	3.08112	3	3.45785
radius_2(322)	3.35293	3.09825	4.10522	3.54041	3.09494	3.0769	3.45846
radius_2(323)	3.51357	3.34412	4.03174	3.30627	2.29258	3.0769	2.91505
radius_2(324)	3.1828	2.83343	3.84668	4	3.01996	3.68616	3.4897
radius_2(325)	4.10371	2.95557	3.89832	2.96985	3.20337	2.94128	3.48556
radius_2(326)	3.50602	2.95238	3.60901	3.23816	2.17817	3.18958	3.35393
radius_2(327)	3.33256	2.94983	4.30017	4.2179	2.54138	3.13965	4.23549
radius_2(328)	3.3834	3.14917	2.96216	3.3611	3.32092	2.74854	4.07062
radius_2(329)	3.58168	2.94504	4.1571	3.0909	3.2854	3.18665	3.29612
radius_2(330)	3.92023	3.33959	3.0769	4.03955	3.29797	3	3.09841
radius_2(331)	3.9168	3.08971	2.97412	2.66758	3.03955	2.94128	3.14783
radius_2(332)	3.37085	3.13623	3.13956	3.42321	3.20374	2.54183	3.18321
radius_2(333)	3.49325	3.04551	3.19995	3.45043	2.67371	2.95935	3.27905
radius_2(334)	3.33985	2.82299	4.23971	3.14027	2.55908	3.15332	5.3901
radius_2(335)	4.3369	2.51061	3.43653	3.08459	2.61393	2.9082	4.57874
radius_2(336)	4.23565	2.98319	2.94812	2.97492	3.01004	4.38379	4.13302
radius_2(337)	3.5483	3.085	3.38973	2.67359	2.54342	2.94128	3.56108
radius_2(338)	3.88103	3.22469	3.23816	3.75033	2.279	3.0769	3.5118
radius_2(339)	3.90552	3.02074	3.62976	3.09109	2.74763	3.0769	3.62897
radius_2(340)	3.48751	3.28892	3.86942	3.29828	2.87935	3.13231	3.43203
radius_2(341)	3.94098	2.95505	4.16004	3.2973	2.88238	2.97383	3.73038
radius_2(342)	4.20916	3.03055	4.06586	3.57528	2.84184	3	3.28841
radius_2(343)	4.16785	2.84949	4.23351	3.34467	2.85864	3.14142	3.89746
radius_2(344)	3.94644	2.98057	4.21792	4.13457	2.9715	3.00684	3.19395
radius_2(345)	4.04498	3.22541	3.80709	4.17444	2.40283	2.953	3.39852
radius_2(346)	4.26392	3.03113	4.06569	3.267	2.80098	2.94981	3.23883
radius_2(347)	4.24744	2.91897	3.87973	3.40453	2.50043	2.99391	3.76329
radius_2(348)	3.88141	3.03348	4.13171	2.98037	1.9808	3.06222	3.41413

radius_2(349)	3.17474	3.70284	3.69197	2.91962	2.66976	2.96948	3.23822
radius_2(350)	3.51315	3.68909	4.17808	2.96985	2.74444	2.62437	3.23822
radius_2(351)	3.17926	3.17008	4.26198	3.23773	2.37839	2.05838	3.9845
radius_2(352)	3.37931	2.81388	5.72072	3.28155	2.45325	2.80518	3.87158
radius_2(353)	3.06146	3.57312	3.93005	3.48059	2.78639	2.7488	3
radius_2(354)	3.11487	3.38558	4.82252	4.25659	3.00012	2.73046	2.95874
radius_2(355)	2.47815	3.35515	4.27778	3.97589	3.13753	3.25879	3.13959
radius_2(356)	2.79433	2.70415	4.24502	3.48578	3.19995	3.28806	3.007
radius_2(357)	3.56359	2.83704	4.28619	3.49396	3.13965	3.23218	3.37299
radius_2(358)	2.91142	3.09427	3.57264	3.80407	2.94128	2.72692	3.41193
radius_2(359)	2.89608	2.80743	4.00517	4.18282	3.24487	2.96986	3.04294
radius_3(0)	2.24173	2.64993	3.19641	2.68264	3.13959	3.41718	3.49573
radius_3(1)	2.31498	2.92053	3.13184	3.28703	3.19098	3.25197	2.66499
radius_3(2)	2.21175	2.78906	3	2.78393	2.6924	3.17456	3.15112
radius_3(3)	2.25597	3.54211	2.85767	2.3905	3.17672	2.69811	2.18298
radius_3(4)	1.8053	2.12781	3.15393	2.67792	2.63952	2.88468	2.15858
radius_3(5)	2.79451	2.96985	3.0769	3.21936	2.70176	2.67888	2.84422
radius_3(6)	3.15281	3.44006	2.95837	2.95255	3.45181	2.68825	2.30005
radius_3(7)	2.49409	2.95203	2.97107	2.476	2.46521	2.75618	2.22688
radius_3(8)	2.44061	3.02655	3.11209	2.55334	2.95341	2.63719	2.91101
radius_3(9)	2.16077	3.15393	3.0769	2.93036	1.96289	2.77017	3
radius_3(10)	2.14511	3.15393	3.13965	3.36963	3.10388	2.69559	2.87416
radius_3(11)	2.21877	3.26184	3.00488	2.39181	3.06873	2.62564	2.87
radius_3(12)	2.48647	3.46301	3.1394	3.12555	3.02039	2.79809	3.0769
radius_3(13)	2.62204	3.19995	3.48988	2.88932	3.13619	2.83352	3.0769
radius_3(14)	2.23685	3.33179	3.11125	2.99696	2.94128	2.66383	2.26233
radius_3(15)	2.1039	3.0769	3.48537	2.55722	2.25598	2.8128	2.94128
radius_3(16)	3.09246	2.94458	3.37622	3.16248	2.13578	2.80229	3.11292
radius_3(17)	2.25287	3.17969	3.49246	2.8056	2.00623	2.78787	3
radius_3(18)	3.01263	2.96936	3.39789	2.4627	1.33174	3.23822	3.15181
radius_3(19)	3.38696	3.00964	2.92191	2.78461	2.33249	3.13556	3.0321
radius_3(20)	3.10893	3.6897	3.37559	3.03577	2.40548	3.23819	3.0769
radius_3(21)	3.71265	3.19995	2.99312	3.20374	1.86373	2.552	2.96239
radius_3(22)	3.25371	3.13965	3.13611	2.63967	2.3807	2.63483	3.08496
radius_3(23)	3.35815	3.0769	3.63371	3.1468	2.07629	2.20001	1.95291
radius_3(24)	3.31812	2.77344	3	3.2563	2.16743	2.657	2.8005
radius_3(25)	2.18246	3.32605	2.95959	3.60096	3.04228	2.53892	3.10352
radius_3(26)	3.27425	3.15222	2.6362	3.42669	2.96985	2.23053	2.15861
radius_3(27)	3.27425	3.15222	2.6362	3.42669	2.96985	2.23053	2.15861
radius_3(28)	2.1568	3.88623	3.12633	2.6296	3.00562	2.55968	2.61669
radius_3(29)	2.93652	3.10083	2.86088	3.5433	2.25439	2.37199	2.79515
radius_3(30)	2.16953	3.24463	2.51588	2.20584	2.3941	2.25502	2.25169
radius_3(31)	2.08244	3.84057	2.78686	3.04491	3.0329	2.06177	2.96985
radius_3(32)	2.58826	4.11365	2.86858	2.96985	3.25629	3.12259	2.31053
radius_3(33)	2.33694	3.75825	3.0978	2.95203	2.30096	3.43286	2.36877
radius_3(34)	2.64768	4.30997	3.12872	3.18091	2.96649	3.27417	3.24749
radius_3(35)	2.61194	4.03516	3.16049	2.76188	2.5	3.27625	3.25781
radius_3(36)	2.25598	3.79236	3.24841	3.03168	2.90769	3.18557	3.19324
radius_3(37)	1.81702	4.12585	2.56636	2.94128	2.61353	2.62884	3.19055
radius_3(38)	2.91504	3.15393	2.85332	3.0741	2.41467	2.19988	2.76775

radius_3(39)	2.96558	3.87795	2.70148	2.40341	3.21763	2.83887	3.00248
radius_3(40)	2.87708	3.02684	2.67409	2.85596	2.90674	2.95272	3.29767
radius_3(41)	1.94143	3.67334	2.96029	2.50698	2.26826	2.23314	3.52074
radius_3(42)	2.12134	3.43982	2.69947	3.00253	2.07851	2.61397	3.42221
radius_3(43)	2.58306	3.34924	2.24398	2.76291	2.05798	2.32642	3.04327
radius_3(44)	1.93479	4.00282	2.555	3.24646	2.34255	2.71047	2.97412
radius_3(45)	2.28062	3.68311	3.36478	2.94012	2.14964	2.41428	2.15446
radius_3(46)	2.41514	2.86129	3.0769	2.70422	2.21625	2.55842	2.15088
radius_3(47)	2.32025	3.41444	2.96985	3.02178	2.66745	3.09316	2.21938
radius_3(48)	2.25675	4.04817	2.96985	2.35774	2.11667	2.71354	2.0752
radius_3(49)	2.29419	3.18994	2.87549	2.7753	2.57617	3.17076	1.80237
radius_3(50)	2.46158	3.54632	2.96985	2.77465	2.99207	2.93216	2.40245
radius_3(51)	2.41604	3.87964	3.3241	2.90948	2.41031	2.80965	3.48932
radius_3(52)	2.40418	3.86975	2.96334	2.78416	2.10608	2.65677	2.62115
radius_3(53)	1.93781	2.1738	3.19275	3.53049	1.5178	3.02411	3.51531
radius_3(54)	3.55005	2.50364	3.21179	3.6175	2.33873	2.74404	3.06666
radius_3(55)	2.235	4.15883	3.41711	3.11749	1.64259	2.9787	2.64505
radius_3(56)	2.99024	3.65015	3.19995	2.60728	2.47013	2.71026	2.80543
radius_3(57)	2.23645	3.55317	4.04492	2.43914	2.27893	2.80098	3.26501
radius_3(58)	2.6377	3.12646	3.13696	3.04238	2.2946	2.66092	3
radius_3(59)	2.8114	2.8649	2.93158	2.85579	2.18306	3.17745	2.48122
radius_3(60)	3.15393	3.1074	2.94128	2.96851	1.91878	2.77974	2.396
radius_3(61)	3.10474	3.26139	2.83965	3.09728	2.13702	2.71889	2.95123
radius_3(62)	2.11275	2.88824	3.15786	3.58491	2.02144	3.07348	2.34964
radius_3(63)	3.02316	2.81988	2.30268	2.68203	2.95032	2.95324	2.83999
radius_3(64)	2.76794	2.41894	3.48157	3.12306	2.05798	2.69092	2.92311
radius_3(65)	2.96985	2.81152	3.2039	3.1409	2.62209	2.72912	2.51337
radius_3(66)	2.8393	3.75435	2.40399	3.035	2.65009	2.71503	3.26379
radius_3(67)	2.57543	3.23816	3.1438	3.14489	2.9251	2.24225	2.76788
radius_3(68)	3.058	3.15393	2.91776	3.28267	3.03235	2.94491	1.97241
radius_3(69)	2.31683	3.12726	2.00269	3.33472	2.80902	2.70634	2.23676
radius_3(70)	3.0769	3.4743	2.38079	3.48141	3.09845	3.02959	2.24921
radius_3(71)	2.693	3.54207	2.48558	4.07217	3.81897	3.1052	2.94147
radius_3(72)	2.8242	3.13965	3.13965	3.17969	3.12562	2.62106	2.27691
radius_3(73)	2.43353	2.84218	2.97113	3.73987	2.78553	3.02637	1.89815
radius_3(74)	2.02111	3.41892	2.69213	3.91774	3.10596	2.86682	2.19684
radius_3(75)	2.38115	3.08919	2.27488	4.20789	2.9076	2.47602	1.83228
radius_3(76)	3.01172	3.38206	2.30628	3.62245	2.75811	3.33027	2.25356
radius_3(77)	2.44241	4.24817	2.37904	3.26209	3.1082	3.17371	2.63062
radius_3(78)	2.41623	3.2738	2.96985	3.51665	2.87828	3.06433	2.36442
radius_3(79)	2.32292	2.8252	2.40203	3.22381	3.36597	2.59376	2.06778
radius_3(80)	2.27784	3.5564	2.9928	3.81468	2.94128	2.88735	2.57176
radius_3(81)	2.54108	4.11636	2.88063	3.51904	2.2146	2.86218	2.79714
radius_3(82)	2.52023	3.14817	2.40429	4.1331	2.25439	3.2478	2.47552
radius_3(83)	2.13107	3.32957	2.13004	3.79028	3.20001	2.94565	2.46667
radius_3(84)	1.95027	3.40125	2.97815	2.85619	2.91781	3.10818	2.96985
radius_3(85)	2.90112	3.46201	2.77014	3.42017	3.10675	3.2655	3.25879
radius_3(86)	2.50389	3.39701	2.73451	3.90881	3.23822	2.96985	2.25134
radius_3(87)	2.61825	3.8429	3.17456	2.92542	2.38037	2.39294	2.78369
radius_3(88)	2.34571	3.49403	2.82161	3.12256	3.46069	1.45864	1.84253

radius_3(89)	2.88477	3.59534	2.96985	3.41299	2.13786	2.2112	2.70032
radius_3(90)	2.73857	4.01636	2.96502	3.62976	2.14063	2.72122	2.44836
radius_3(91)	2.05397	3.9845	2.71808	3.35065	2.25439	2.26622	3.32178
radius_3(92)	2.34056	4.28077	2.77042	3.52795	2.40719	2.76347	2.85291
radius_3(93)	2.81071	2.96985	2.04881	3.34351	2.14914	2.24425	3.04336
radius_3(94)	2.4904	4.04346	2.89636	3.30176	3.51224	2.04276	2.19348
radius_3(95)	2.18453	4.55793	3.29529	3.5372			2.23279
radius_3(96)	2.49067	2.97009	2.85182	3.08301			2.6261
radius_3(97)	2.26279	3.15344	3.0769	3.15271			2.65827
radius_3(98)	2.32883	3.60405	3.25653	3.39026			2.42475
radius_3(99)	2.47902	2.95203	3.22585	3.87891			2.67427
radius_3(100)	3.7483	2.70802	2.40184	4.22937			3.7327
radius_3(101)	2.91785	3.59164	2.80417	3.00986			2.23768
radius_3(102)	2.34738	2.59827	2.59039	2.96985			1.93249
radius_3(103)	2.42306	3.32354	2.39667	3.13708	3.33286	3.02295	2.96985
radius_3(104)	2.13168	4.29106	2.71466	3.15393	3.06688	2.74215	2.90359
radius_3(105)	2.40667	3.09149	2.30963	2.96985	2.71906	2.84015	3.25586
radius_3(106)	1.70553	2.49053	2.67237	2.97499	3.54097	2.64277	2.92031
radius_3(107)	3.07479	3.88956	3.02996	3.25684	3.14249	2.56844	2.77143
radius_3(108)	2.38421	3.29968	2.95203	2.89125	2.8191	2.60103	2.03918
radius_3(109)	2.15625	3.5601	2.16088	3.1875	2.85808	2.92968	3.20209
radius_3(110)	2.11634	3.33761	2.41359	2.50739	2.89453	3.13959	3
radius_3(111)	3.21375	3.91468	3.11001	3.29723	2.88408	2.32471	2.95422
radius_3(112)	3.01196	2.89905	2.59106	2.22736	3.0656	2.93446	3.0769
radius_3(113)	2.87392	3.2832	2.672	3.40417	2.99262	2.66564	3.0769
radius_3(114)	3.17024	4.63229	3.13965	2.94287	2.76293	2.72377	2.94128
radius_3(115)	2.34924	3.25256	3.92688	2.9168	2.92906	2.81147	3.15374
radius_3(116)	3.43359	3.14111	3.23816	2.83926	2.37646	3.38517	2.98224
radius_3(117)	2.80068	3.92468	3.57678	2.2219	3.0128	3.09282	3.23822
radius_3(118)	2.95055	4.03833	2.92197	2.95264	2.95359	2.8645	2.96985
radius_3(119)	3.48844	3.2947	3.76613	2.89807	2.90222	3.05176	2.96985
radius_3(120)	2.73529	3.0624	3.5301	3.12787	2.37945	2.73873	3.36505
radius_3(121)	3.2146	3.19775	3.11011	3.05975	2.84888	3.16048	2.83128
radius_3(122)	2.43933	2.47302	3.5301	2.55607	3.0813	2.24512	3.12892
radius_3(123)	2.78857	3.42036	3.35206	3.12652	3.26843	2.73557	3.0769
radius_3(124)	3	2.69912	3.24399	3.16476	2.87905	2.85049	2.52312
radius_3(125)	3.36572	3.00123	3.24834	2.66101	3.0769	3.44145	3.08612
radius_3(126)	3.50874	4	4.03253	2.85692	2.1748	3.25967	1.97363
radius_3(127)	2.93025	3.50635	3.26798	3.29327	2.98267	2.95164	3.07205
radius_3(128)	2.80311	3.8405	2.71594	3.18225	3.23816	3.00866	3.05341
radius_3(129)	2.95203	3.93542	2.85308	3.30753	1.78318	2.74561	2.66179
radius_3(130)	2.96985	3.51349	2.96985	3.13879	2.95898	2.94477	2.20518
radius_3(131)	3.37036	3.67974	3.21504	3	3.08813	3.01733	2.89465
radius_3(132)	2.94985	3.30615	4.13587	3	3.15393	3.07797	3.37568
radius_3(133)	3.16663	3.26328	3	3.13959	2.40906	2.99507	2.70055
radius_3(134)	2.96985	3.28762	3.23816	2.82574	3.06312	2.83239	3.23822
radius_3(135)	3.0769	3.82618	3.15393	3.10492	2.10022	3.19135	3.20001
radius_3(136)	3.19995	4.15995	3.06623	3.20001	2.52661	3.49321	2.1697
radius_3(137)	3.46484	4	3.19995	3.10883	2.84047	3.34423	2.81073
radius_3(138)	2.63831	3.44128	3.8007	3.15393	2.37975	4.06427	2.93048

radius_3(139)	2.62351	3.15393	2.96985	3.36762	2.88871	3.17887	2.48122
radius_3(140)	2.46027	3.89807	3.92845	2.65284	1.96125	3.51351	2.72258
radius_3(141)	2.93188	3.63779	3.19995	3.16838	2.71453	2.79233	2.91202
radius_3(142)	2.58174	3.49738	2.65503	3.06964	2.78065	3.35004	2.14635
radius_3(143)	2.19141	4.05102	2.94128	3.12504	2.05518	2.89172	2.44374
radius_3(144)	2.57132	3.04319	2.67285	2.69938	2.35835	2.40041	2.27635
radius_3(145)	1.82847	3.17876	3.13416	2.84062	2.38847	2.4408	2.55549
radius_3(146)	2.42032	3.46741	3.20129	3.48223	2.26401	3.30798	2.40179
radius_3(147)	3.16138	2.57017	3	2.63933	2.16178	2.31629	2.51717
radius_3(148)	2.77319	3.06599	2.8394	3.38483	3.17926	2.59758	2.36997
radius_3(149)	2.55285	3.297	3.00854	2.89364	3.00787	2.96576	2.296
radius_3(150)	3.05859	2.92895	2.89868	2.88007	3.17133	3.39803	2.75366
radius_3(151)	3.09351	2.50767	3.24377	4.0669	2.04266	3.1194	3.02061
radius_3(152)	2.28368	2.92493	2.82263	2.88971	2.47034	3.38301	2.98854
radius_3(153)	2.9554	3.28444	2.47121	3.17975	2.9314	2.76051	3.3433
radius_3(154)	2.22386	2.41811	2.61047	2.91675	3.453	3.54551	3.09843
radius_3(155)	2.86597	2.88759	3.21594	3.23859	2.93451	2.9295	3.53014
radius_3(156)	2.5666	4.12573	3.21818	3.18194	2.31189	2.88695	2.64363
radius_3(157)	3.01392	2.98413	2.95857	3.23822	3.19537	3.37671	3.34067
radius_3(158)	2.4621	2.56913	2.42231	2.94727	2.33399	2.4071	3.07303
radius_3(159)	2.49969	2.62524	2.12603	3.26489	3.01884	2.1302	2.7191
radius_3(160)	2.39937	3.31582	2.33012	3.48602	2.61735	2.25439	2.79105
radius_3(161)	2.92138	2.49386	2.88548	3.21405	2.83875	2.70105	2.12594
radius_3(162)	2.75316	2.66658	3.11612	3.04802	3.10968	2.0666	2.82441
radius_3(163)	2.66727	2.07255	3.21966	3.29047	2.6655	2.61169	2.84914
radius_3(164)	2.93969	2.57699	2.50172	3.23822	3.19087	3.05656	2.1578
radius_3(165)	2.69074	2.98611	3.04231	2.82312	3.12428	2.16772	2.7229
radius_3(166)	2.81578	3.01552	2.89122	2.80701	3.53014	2.41504	3.12673
radius_3(167)	2.22637	2.59434	3.10222	3.15393	2.82165	2.49759	2.29566
radius_3(168)	2.62849	2.90002	2.47021	2.98187	3.40848	2.13405	2.78902
radius_3(169)	2.5729	3.57131	2.99192	3.48533	3.53005	2.47741	2.77295
radius_3(170)	2.53081	2.65105	2.59035	4.24212	2.86439	2.49887	2.96985
radius_3(171)	3.34281	2.76831	2.63429	3.25122	3.17072	1.62789	2.62683
radius_3(172)	2.65717	3.06177	2.53414	3.4367	2.77323	2.39678	2.49558
radius_3(173)	3.15943	2.98501	2.91943	4.28593	2.58513	1.98529	3.07331
radius_3(174)	2.52899	2.23802	3.11544	2.89857	2.95203	2.42848	3.10046
radius_3(175)	2.47082	2.74082	2.96985	3.57151	2.96985	2.24592	3
radius_3(176)	2.68152	3.32263	3.19995	3.0188	3.0769	3.02966	3.25378
radius_3(177)	2.60642	3.15357	3.02089	3.24336	3.0769	2.44286	2.89647
radius_3(178)	3.12004	2.94673	3.23816	2.96985	2.96985	2.42162	2.87244
radius_3(179)	2.83667	3.13965	2.96985	2.81152	2.96985		2.86615
radius_3(180)	2.83215	2.13418	3.0769	3.32583	3.15393		2.89197
radius_3(181)	3.04659	3.45386	3.14509	3.00152	2.87836		3.17798
radius_3(182)	2.95237	2.73583	3.23816	2.96973	2.73157		1.94995
radius_3(183)	2.01714	2.38403	3	3.07117	2.18774		3.13647
radius_3(184)	3.04517	2.68147	3	2.95203	2.49197		2.68896
radius_3(185)	3.29108	2.35835	3.23816	2.95203	2.96985		3.0769
radius_3(186)	3.48711	2.43675	3	3.24715	2.92573		3.14343
radius_3(187)	3.54537	2.49265	3.06433	2.39048	3.12805		2.96985
radius_3(188)	3.36584	2.98268	2.41188	3.04054	3.06421		3.4093

radius_3(189)	3.3152	2.4514	2.47405	3.04252	2.93335		2.51726
radius_3(190)	3.52181	2.76196	2.86546	2.15898	2.95203		3.03198
radius_3(191)	3.01794	2.51217	2.73076	2.68225	2.49171	2.40454	2.45642
radius_3(192)	2.85709	3.02048	2.99016	2.23342	2.46521	3.05273	3.03524
radius_3(193)	3.48962	2.12607	3.14499	3.02283	2.14369	3.06653	2.7948
radius_3(194)	3.14258	2.29254	2.44842	3.72107	2.25439	3.16836	2.18202
radius_3(195)	2.7074	2.48281	2.95264	3.29543	3.01355	2.61285	2.24131
radius_3(196)	2.90088	2.0469	2.96722	3.36204	3.15393	2.6142	2.72424
radius_3(197)	2.96384	2.99163	3.01361	3.16667	2.96985	3.14322	2.86182
radius_3(198)	2.64352	2.55454	2.84258	2.97227	3.0769	3.17119	2.37072
radius_3(199)	3.41624	2.16108	2.77277	3.37309	3.00769	3.46997	2.93811
radius_3(200)	3.57386	2.20206	2.49891	3.35779	3.15515	3.06531	2.44299
radius_3(201)	2.93762	2.74936	2.68536	2.51473	2.42275	2.78259	2.97876
radius_3(202)	3.59619	2.97917	2.32408	2.74679	3.15393	3.065	1.98162
radius_3(203)	2.85453	3.01705	2.77936	2.83435	3.0769	3.06811	2.85638
radius_3(204)	3.22202	2.70862	2.62092	3	3.15393	3.14252	2.47039
radius_3(205)	3.45367	2.23543	3.0658	3.23816	2.77697	2.7454	2.75385
radius_3(206)	3.20569	2.66037	2.89666	3.23962	3.16278	3.03999	2.27704
radius_3(207)	3.15393	2.58555	2.94104	3.19995	3.14819	2.76794	2.84173
radius_3(208)	2.96985	2.42982	3.0769	3.0769	3.17566	3.11798	2.68091
radius_3(209)	2.85885	2.82114	2.94128	3.13721	3.17786	3.52258	2.8076
radius_3(210)	3.00555	2.66378	3.07709	2.96021	3	3.38757	2.18079
radius_3(211)	3.24361	3.06367	3.33716	2.95104	2.96985	2.79671	2.20781
radius_3(212)	3.21551	3.17131	2.82288	2.12149	3	3.14749	2.22844
radius_3(213)	3.46839	2.27258	3.01117	2.87487	3.23816	3.53659	2.74556
radius_3(214)	3.1283	2.82666	3.30328	2.64703	3.0448	2.92913	2.36732
radius_3(215)	2.79967	3	2.79401	2.56531	3.13965	2.63398	2.49561
radius_3(216)	2.96966	3.18579	3.07279	3.0755	3.30078	2.86667	2.32883
radius_3(217)	3.21842	2.96106	3.04141	2.8211	3	2.93123	2.93485
radius_3(218)	3.23816	3.13879	3.32052	2.39573	3.0769	3.14728	2.63157
radius_3(219)	2.63007	3.15393	3.14133	3.22933	2.92822	2.67498	2.36251
radius_3(220)	2.95264	3.13074	2.77169	2.93404	2.5116	2.69744	3.13796
radius_3(221)	3.23816	3.23816	3.79429	3.13251	3.42615	3.29382	2.44141
radius_3(222)	3.09241	2.77543	3.43896	2.46296	2.96985	2.48443	2.19498
radius_3(223)	2.69591	2.59692	2.84163	2.1587	2.8739	3.28271	2.51259
radius_3(224)	3.0769	3.19995	3.40048	3.0097	3.0769	3.3335	2.22369
radius_3(225)	2.94128	3	3.19596	3.13959	2.73853	3.10144	2.42596
radius_3(226)	3.08008	2.82454	2.82478	3.15393	3.23816	2.83674	2.23086
radius_3(227)	3.17969	3.15393	3.39018	3.28125	2.96985	2.68875	2.46336
radius_3(228)	3.09229	3.22937	3.49933	3.19537	2.54077	3.0317	3.43702
radius_3(229)	2.90354	2.99418	3.52902	3.2322	3.16589	2.7952	2.26581
radius_3(230)	3.62167	3.19958	3.51325	2.9451	2.90023	3.09946	2.65475
radius_3(231)	3.14167	3.17969	3.43391	3.39685	2.99536	2.63803	2.23134
radius_3(232)	2.62428	3.15393	3.45768	3.36807	2.96301	3.19861	2.96191
radius_3(233)	3.28205	3.0769	3.36492	3.03585	2.93909	3.41082	3
radius_3(234)	2.48301	2.87842	3.47015	2.61217	2.8723	3.16028	2.96985
radius_3(235)	3.12517	2.92603	2.91824	3.46169	3	2.79062	2.82005
radius_3(236)	2.72942	2.92944	3.34586	3.04791	2.94533	3.32691	2.94128
radius_3(237)	3.66398	3.33252	3.15949	2.8784	3.24227	3.32829	2.93466
radius_3(238)	3.33967	3.54114	2.9413		2.96985	2.8625	3.0769

radius_3(239)	2.89166	3.51024	3.4228		3	3.39216	2.76144
radius_3(240)	2.97433	4.16033	3.46564		3.17425	3.36584	3.0769
radius_3(241)	3.86432	3.98799	3.22471	3.51814	3.04443	2.79171	2.94128
radius_3(242)	3.2478	2.63354	3.60884	4.35861	3.13965	2.48094	3.06799
radius_3(243)	3.65437		3.79131	2.0275		2.45703	3.04879
radius_3(244)	3.38245		2.96985	2.3282		2.51775	3.28674
radius_3(245)	3.37537		3.08777	2.83936		2.39619	3.3427
radius_3(246)	3.6105		3.0769	4.23406		2.15841	3.45353
radius_3(247)	3.15203		3.13965	2.25372		2.47343	3.36721
radius_3(248)	2.82226		3.15393	2.97009		2.60925	3.22566
radius_3(249)	3.4552		2.95935	2.4624		2.74513	3.3446
radius_3(250)	3.63043		3.074	3.22733		1.99174	3.26105
radius_3(251)	3.23816		2.4865	3.07106		3.43403	2.8778
radius_3(252)	3.55847		2.95764	2.66917		3.08444	2.85624
radius_3(253)	3.26392		3.23608	3.10105		2.96985	3.13035
radius_3(254)	3.33977		2.94128	3.23816		2.60953	3.46487
radius_3(255)	2.66884		3.1897	3.16443		2.96912	4.01235
radius_3(256)	3.08008		3.00989	3.23816		2.20776	3.36738
radius_3(257)	2.65076	2.95203	3.20825	2.82279	2.71328	2.16394	3.50726
radius_3(258)	3.00144	2.95203	3.0052	4.09424	2.63452	2.23861	3.51649
radius_3(259)	3.04759	3.0031	3.37891	3.01457	2.52307	2.05798	3.03576
radius_3(260)	2.9464	3.0769	2.92981	3.13965	2.01252	2.41051	3.43135
radius_3(261)	3.0108	3	2.94128	3.23816	2.66805	2.17656	2.31118
radius_3(262)	3.2821	3.0769	3.10274	3.12256	2.79097	2.12756	2.88937
radius_3(263)	3.26013	2.84265	3.07129	3.23816	2.42248	2.36206	3.20936
radius_3(264)	2.92029	3.34937	2.75747	3.13965	2.21825	2.03112	3.29108
radius_3(265)	2.546	3.50513	2.80892	3.23816	2.03487	1.99658	2.73602
radius_3(266)	3.20356	3.27051	2.89239	2.95203	2.29343	2.98962	2.79475
radius_3(267)	3.16147	2.96985	2.99296	3.11897	2.32831	2.1454	3.52649
radius_3(268)	2.85076	3.35229	2.64312	2.97788	2.11156	2.25604	3.41676
radius_3(269)	2.80896	2.40807	3.24931	3.02335	2.22637	2.29871	3.31067
radius_3(270)	3.13338	2.96985	3.26721	2.36085	2.24582	2.36637	3.35807
radius_3(271)	2.87184	3.40053	2.94128	2.22248	2.89178	2.20968	3.53345
radius_3(272)	2.51941	2.70465	2.11032	3.18079	2.37262	3.12012	3.18457
radius_3(273)	2.79891	3.15393	3.13425	3.20834	2.82316	2.86235	3.48254
radius_3(274)	2.57096	2.86353	2.23103	3.10779	2.992	2.38631	3.6755
radius_3(275)	3.04087	2.46953	2.75791	2.66479	2.84673	2.2572	3.25357
radius_3(276)	2.35084	2.62606	2.9712	2.88915	2.30535	1.91017	3.75745
radius_3(277)	2.75202	2.86209	3.14379	3.02004	1.69221	2.26249	3.5333
radius_3(278)	3.00916	2.66706	2.15378	2.76474	1.72262	2.33936	3.54434
radius_3(279)	2.55079	2.187	3.553	3.02083	2.32546	3.11638	3.48848
radius_3(280)	2.58525	2.50243	3.8562	2.96046	3.08276	2.362	3.55478
radius_3(281)	3.01573	2.62314	3.30347	2.28252	2.5809	2.29685	3.32561
radius_3(282)	3.77066	2.52891	2.25789	2.99912	2.92291	2.1832	3.53474
radius_3(283)	3.33484	2.32537	2.40409	3.04552	2.43681	2.2907	3.30817
radius_3(284)	2.32789	2.9201	2.99727	2.28846	2.17648	2.32917	2.74915
radius_3(285)	3.78041	2.3479	3.64099	2.52013	2.62142	2.32977	3.11177
radius_3(286)	3.10449	2.69886	3.13965	2.04998	2.74556	2.20114	2.90662
radius_3(287)	4.03078	2.26457	2.96985	3.34445	2.24329	2.12869	3.61548
radius_3(288)	3.16064	2.47682	2.9845	2.52209	2.27205	3.086	3.33426

radius_3(289)	2.91992	3.28311	2.71169	2.37161	2.40004	2.56162	2.77197
radius_3(290)	3.17004	1.95168	2.75768	2.92358	2.33742	2.37155	3.0542
radius_3(291)	3	3.12625	2.15462	1.99361	2.57874	2.04265	3.22833
radius_3(292)	3.19995	2.41015	2.95264	3.23092	2.66982	2.02015	3.17383
radius_3(293)	3.09148	2.97191	2.95105	2.68298	2.20772	2.92993	2.55676
radius_3(294)	4.02781	2.27253	3.00493	2.38269	2.6135	2.5957	3.51855
radius_3(295)	3.1333	3.3562	3.01285	2.87715	2.32169	2.00244	3.17621
radius_3(296)	3	3.16885	2.90026	2.26866	2.22343	3.23901	2.94128
radius_3(297)	2.64807	2.21323	2.90672	3.01123	2.91772	3.02686	3.0769
radius_3(298)	2.95105	2.95182	2.15825	2.94128	2.44616	2.08261	2.7854
radius_3(299)	3.00171	3.02344	2.52828	3.17975	2.25313	3.15723	3.14551
radius_3(300)	3.05596	2.31703	2.23596	4.05611	2.96985	3.18725	2.51425
radius_3(301)	3.4718	3.04917	2.60832	3.14114	2.36436	2.94128	2.96985
radius_3(302)	2.74729	2.3088	2.27588	3.574	2.21558	3.42871	2.89417
radius_3(303)	3.29726	3.3197	3.82103	3.15393	2.23447	2.87562	3.19336
radius_3(304)	3.42813	3.15393	3.04543	4.15615	1.92261	3.18043	2.95203
radius_3(305)	3.15259	2.94128	3.20557	3.16361	2.9386	2.8113	2.81775
radius_3(306)	3.13574	2.95203	3.38245	3.30758	2.61676	3.4017	2.98816
radius_3(307)	3.32553	2.94128	4.17432	2.79928	2.53961	3.21772	3.03699
radius_3(308)	3.42896	2.71475	3.51292	2.78299	2.6362	2.28894	2.78173
radius_3(309)	3.33804	2.77185	3.79211	3.43226	2.23721	2.93445	2.67328
radius_3(310)	3.38977	2.5468	3.32268	3.44122	2.48171	2.94128	2.9554
radius_3(311)	2.95889	2.40619	3.29229	3.63812	2.84051	2.08357	3.70584
radius_3(312)	3.22791	2.71647	3.0769	3.57285	2.41607	3.14185	2.74205
radius_3(313)	3.13105	2.35894	2.96985	2.86903	2.58472	2.21167	3.35715
radius_3(314)	3.40743	3.34935	2.96985	3.37395	3.15649	2.94128	2.74435
radius_3(315)	3.38668	2.43066	3.0769	3.16911	2.804	2.47742	2.29224
radius_3(316)	3.52919	2.26014	2.93481	3.50254	3.40286	3.19995	2.99372
radius_3(317)	3.28555	2.9346	3.13745	3.56756	2.40206	2.77478	2.61143
radius_3(318)	2.97189	2.414	2.82751	3.56726	3.43408	2.52759	3.28485
radius_3(319)	2.79029	2.93016	2.0812	3.54671	3.495	2.96985	2.99133
radius_3(320)	2.64749	2.91802	2.81263	3.36998	3.37516	3.15393	3.87907
radius_3(321)	3.5506	3.0769	3.23816	3.12527	2.80591	2.52882	3.2632
radius_3(322)	3.92881	2.64973	3.69531	3.64794	3.50768	2.76038	3.55789
radius_3(323)	3.40986	2.95632	2.94128	3.46134	3.15393	1.96265	3.30947
radius_3(324)	3.44063	2.29563	2.96985	3.52673	3.04595	2.11112	3.49263
radius_3(325)	3.0426	2.95203	3.23816	2.94189	2.57348	3.03137	3.5452
radius_3(326)	2.81643	2.79114	2.82031	4.19995	2.22474	3.0769	3.34365
radius_3(327)	3.50846	2.55385	3.15393	2.94128	2.80719	2.89197	3.16688
radius_3(328)	3.0627	2.24934	2.96985	2.88159	2.65641	2.13428	3.28487
radius_3(329)	3.51651	2.59899	3.07947	2.72998	2.12296	3.19995	3.50188
radius_3(330)	3.18176	2.43206	2.35392	3.0196	2.23094	2.17105	2.96985
radius_3(331)	2.99409	2.23405	2.95203	2.96912	2.95464	2.89148	2.99809
radius_3(332)	3.40975	2.59062	3.15393	2.41226	2.56916	2.52097	3.14131
radius_3(333)	3.29886	2.63522	2.53857	2.53698	2.3549	3.12191	2.96985
radius_3(334)	3.25306	2.91739	2.89444	2.57155	3.02704	2.92566	4.07113
radius_3(335)	2.72839	2.24441	3.40744	3.31323	2.21888	2.96985	2.77448
radius_3(336)	4.16241	2.82666	2.96636	2.97694	2.18305	3.04517	2.98113
radius_3(337)	2.79852	3.53407	2.75044	2.32302	2.57654	3.13403	3.44679
radius_3(338)	3.49233	2.65139	3.25659	2.7559	2.48299	3.10229	3.3739

radius_3(339)	2.71576	2.19434	3.50846	2.68097	2.4692	2.40794	3.33189
radius_3(340)	4.01381	2.22737	3.44145	2.19421	2.1087	2.18139	2.92273
radius_3(341)	3.80456	2.55584	3.29074	2.21467	2.93961	3.2645	3.64819
radius_3(342)	3.82312	3.02618	3.36935	1.93463	2.92808	2.96985	3.5301
radius_3(343)	3.97552	2.67124	3.42753	3.99651	2.93054	3	3.4033
radius_3(344)	3.15375	2.80227	3.51007	3.13959	2.04614	2.46982	3.51044
radius_3(345)	3.15032	2.57526	3.40002	3.18311	2.5466	2.0426	3.53172
radius_3(346)	3.97192	2.92922	3.47837	3.0769	2.81665	3.19995	2.82095
radius_3(347)	3.27188	2.92165	3.52509	2.96985	2.39044	2.96985	2.96985
radius_3(348)	3.97194	2.91123	3.13495	3.00531	2.33038	2.95349	2.96985
radius_3(349)	3.98852	2.8346	2.17004	3	2.9289	2.23671	3.39428
radius_3(350)	3.65152	2.74556	4.42451	3.0769	2.59619	2.0426	3.60541
radius_3(351)	3.39307	2.19962	3.06847	3.0769	2.40755	2.27893	3.34882
radius_3(352)	3.65686	2.37593	2.42778	2.96985	1.93859	2.44367	3.25684
radius_3(353)	2.96985	3.01979	2.84119	3.10742	2.43266	2.16054	3.04572
radius_3(354)	3.15192	2.88773	3.21887	4.36481	2.59558	2.41985	2.86823
radius_3(355)	2.79108	2.90818	3.89017	2.97236	1.97225	2.50925	3.15393
radius_3(356)	2.4417	2.14992	2.75269	3.17975	2.20669	2.32352	2.94128
radius_3(357)	2.97308	3.00773	3.54028	3.46933	2.35657	2.7816	3.34149
radius_3(358)	2.50306	2.97344	2.75855	3.36963	2.8938	2.52714	2.70166
radius_3(359)	3.0437	2.517	2.93938	3.2355	2.2616	2.78357	3.31842
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is_coiled(3)	0	0	0	0	0	0	0
is_coiled(4)	0	0	0	0	0	0	0
is_coiled(5)	0	0	0	0	0	0	0
is_coiled(6)	0	0	0	0	0	0	0
is_coiled(7)	0	0	0	0	0	0	0
is_coiled(8)	0	0	0	0	0	0	0
is_coiled(9)	0	0	0	0	0	0	0
is_coiled(10)	0	0	0	0	0	0	0
is_coiled(11)	0	0	0	0	0	0	0
is_coiled(12)	0	0	0	0	0	0	0
is_coiled(13)	0	0	0	0	0	0	0
is_coiled(14)	0	0	0	0	0	0	0
is_coiled(15)	0	0	0	0	0	0	0
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is_coiled(78)	0	0	0	0	0	0	0

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is_coiled(80)	0	0	0	0	0	0	0
is_coiled(81)	0	0	0	0	0	0	0
is_coiled(82)	0	0	0	0	0	0	0
is_coiled(83)	0	0	0	0	0	0	0
is_coiled(84)	0	0	0	0	0	0	0
is_coiled(85)	0	0	0	0	0	0	0
is_coiled(86)	0	0	0	0	0	0	0
is_coiled(87)	0	0	0	0	0	0	0
is_coiled(88)	0	0	0	0	0	0	0
is_coiled(89)	0	0	0	0	0	0	0
is_coiled(90)	0	0	0	0	0	0	0
is_coiled(91)	0	0	0	0	0	0	0
is_coiled(92)	0	0	0	0	0	0	0
is_coiled(93)	0	0	0	0	0	0	0
is_coiled(94)	0	0	0	0	0	0	0
is_coiled(95)	0	0	0	0			0
is_coiled(96)	0	0	0	0			0
is_coiled(97)	0	0	0	0			0
is_coiled(98)	0	0	0	0			0
is_coiled(99)	0	0	0	0			0
is_coiled(100)	0	0	0	0			0
is_coiled(101)	0	0	0	0			0
is_coiled(102)	0	0	0	0			0
is_coiled(103)	0	0	0	0	0	0	0
is_coiled(104)	0	0	0	0	0	0	0
is_coiled(105)	0	0	0	0	0	0	0
is_coiled(106)	0	0	0	0	0	0	0
is_coiled(107)	0	0	0	0	0	0	0
is_coiled(108)	0	0	0	0	0	0	0
is_coiled(109)	0	0	0	0	0	0	0
is_coiled(110)	0	0	0	0	0	0	0
is_coiled(111)	0	0	0	0	0	0	0
is_coiled(112)	0	0	0	0	0	0	0
is_coiled(113)	0	0	0	0	0	0	0
is_coiled(114)	0	0	0	0	0	0	0
is_coiled(115)	0	0	0	0	0	0	0
is_coiled(116)	0	0	0	0	0	0	0
is_coiled(117)	0	0	0	0	0	0	0
is_coiled(118)	0	0	0	0	0	0	0
is_coiled(119)	0	0	0	0	0	0	0
is_coiled(120)	0	0	0	0	0	0	0
is_coiled(121)	0	0	0	0	0	0	0
is_coiled(122)	0	0	0	0	0	0	0
is_coiled(123)	0	0	0	0	0	0	0
is_coiled(124)	0	0	0	0	0	0	0
is_coiled(125)	0	0	0	0	0	0	0
is_coiled(126)	0	0	0	0	0	0	0
is_coiled(127)	0	0	0	0	0	0	0
is_coiled(128)	0	0	0	0	0	0	0

is_coiled(129)	0	0	0	0	0	0	0
is_coiled(130)	0	0	0	0	0	0	0
is_coiled(131)	0	0	0	0	0	0	0
is_coiled(132)	0	0	0	0	0	0	0
is_coiled(133)	0	0	0	0	0	0	0
is_coiled(134)	0	0	0	0	0	0	0
is_coiled(135)	0	0	0	0	0	0	0
is_coiled(136)	0	0	0	0	0	0	0
is_coiled(137)	0	0	0	0	0	0	0
is_coiled(138)	0	0	0	0	0	0	0
is_coiled(139)	0	0	0	0	0	0	0
is_coiled(140)	0	0	0	0	0	0	0
is_coiled(141)	0	0	0	0	0	0	0
is_coiled(142)	0	0	0	0	0	0	0
is_coiled(143)	0	0	0	0	0	0	0
is_coiled(144)	0	0	0	0	0	0	0
is_coiled(145)	0	0	0	0	0	0	0
is_coiled(146)	0	0	0	0	0	0	0
is_coiled(147)	0	0	0	0	0	0	0
is_coiled(148)	0	0	0	0	0	0	0
is_coiled(149)	0	0	0	0	0	0	0
is_coiled(150)	0	0	0	0	0	0	0
is_coiled(151)	0	0	0	0	0	0	0
is_coiled(152)	0	0	0	0	0	0	0
is_coiled(153)	0	0	0	0	0	0	0
is_coiled(154)	0	0	0	0	0	0	0
is_coiled(155)	0	0	0	0	0	0	0
is_coiled(156)	0	0	0	0	0	0	0
is_coiled(157)	0	0	0	0	0	0	0
is_coiled(158)	0	0	0	0	0	0	0
is_coiled(159)	0	0	0	0	0	0	0
is_coiled(160)	0	0	0	0	0	0	0
is_coiled(161)	0	0	0	0	0	0	0
is_coiled(162)	0	0	0	0	0	0	0
is_coiled(163)	0	0	0	0	0	0	0
is_coiled(164)	0	0	0	0	0	0	0
is_coiled(165)	0	0	0	0	0	0	0
is_coiled(166)	0	0	0	0	0	0	0
is_coiled(167)	0	0	0	0	0	0	0
is_coiled(168)	0	0	0	0	0	0	0
is_coiled(169)	0	0	0	0	0	0	0
is_coiled(170)	0	0	0	0	0	0	0
is_coiled(171)	0	0	0	0	0	0	0
is_coiled(172)	0	0	0	0	0	0	0
is_coiled(173)	0	0	0	0	0	0	0
is_coiled(174)	0	0	0	0	0	0	0
is_coiled(175)	0	0	0	0	0	0	0
is_coiled(176)	0	0	0	0	0	0	0
is_coiled(177)	0	0	0	0	0	0	0
is_coiled(178)	0	0	0	0	0	0	0

is_coiled(179)	0	0	0	0	0	0	0
is_coiled(180)	0	0	0	0	0	0	0
is_coiled(181)	0	0	0	0	0	0	0
is_coiled(182)	0	0	0	0	0	0	0
is_coiled(183)	0	0	0	0	0	0	0
is_coiled(184)	0	0	0	0	0	0	0
is_coiled(185)	0	0	0	0	0	0	0
is_coiled(186)	0	0	0	0	0	0	0
is_coiled(187)	0	0	0	0	0	0	0
is_coiled(188)	0	0	0	0	0	0	0
is_coiled(189)	0	0	0	0	0	0	0
is_coiled(190)	0	0	0	0	0	0	0
is_coiled(191)	0	0	0	0	0	0	0
is_coiled(192)	0	0	0	0	0	0	0
is_coiled(193)	0	0	0	0	0	0	0
is_coiled(194)	0	0	0	0	0	0	0
is_coiled(195)	0	0	0	0	0	0	0
is_coiled(196)	0	0	0	0	0	0	0
is_coiled(197)	0	0	0	0	0	0	0
is_coiled(198)	0	0	0	0	0	0	0
is_coiled(199)	0	0	0	0	0	0	0
is_coiled(200)	0	0	0	0	0	0	0
is_coiled(201)	0	0	0	0	0	0	0
is_coiled(202)	0	0	0	0	0	0	0
is_coiled(203)	0	0	0	0	0	0	0
is_coiled(204)	0	0	0	0	0	0	0
is_coiled(205)	0	0	0	0	0	0	0
is_coiled(206)	0	0	0	0	0	0	0
is_coiled(207)	0	0	0	0	0	0	0
is_coiled(208)	0	0	0	0	0	0	0
is_coiled(209)	0	0	0	0	0	0	0
is_coiled(210)	0	0	0	0	0	0	0
is_coiled(211)	0	0	0	0	0	0	0
is_coiled(212)	0	0	0	0	0	0	0
is_coiled(213)	0	0	0	0	0	0	0
is_coiled(214)	0	0	0	0	0	0	0
is_coiled(215)	0	0	0	0	0	0	0
is_coiled(216)	0	0	0	0	0	0	0
is_coiled(217)	0	0	0	0	0	0	0
is_coiled(218)	0	0	0	0	0	0	0
is_coiled(219)	0	0	0	0	0	0	0
is_coiled(220)	0	0	0	0	0	0	0
is_coiled(221)	0	0	0	0	0	0	0
is_coiled(222)	0	0	0	0	0	0	0
is_coiled(223)	0	0	0	0	0	0	0
is_coiled(224)	0	0	0	0	0	0	0
is_coiled(225)	0	0	0	0	0	0	0
is_coiled(226)	0	0	0	0	0	0	0
is_coiled(227)	0	0	0	0	0	0	0
is_coiled(228)	0	0	0	0	0	0	0

is_coiled(229)	0	0	0	0	0	0	0
is_coiled(230)	0	0	0	0	0	0	0
is_coiled(231)	0	0	0	0	0	0	0
is_coiled(232)	0	0	0	0	0	0	0
is_coiled(233)	0	0	0	0	0	0	0
is_coiled(234)	0	0	0	0	0	0	0
is_coiled(235)	0	0	0	0	0	0	0
is_coiled(236)	0	0	0	0	0	0	0
is_coiled(237)	0	0	0	0	0	0	0
is_coiled(238)	0	0	0	0	0	0	0
is_coiled(239)	0	0	0	0	0	0	0
is_coiled(240)	0	0	0	0	0	0	0
is_coiled(241)	0	0	0	0	0	0	0
is_coiled(242)	0	0	0	0	0	0	0
is_coiled(243)	0	0	0	0	0	0	0
is_coiled(244)	0	0	0	0	0	0	0
is_coiled(245)	0	0	0	0	0	0	0
is_coiled(246)	0	0	0	0	0	0	0
is_coiled(247)	0	0	0	0	0	0	0
is_coiled(248)	0	0	0	0	0	0	0
is_coiled(249)	0	0	0	0	0	0	0
is_coiled(250)	0	0	0	0	0	0	0
is_coiled(251)	0	0	0	0	0	0	0
is_coiled(252)	0	0	0	0	0	0	0
is_coiled(253)	0	0	0	0	0	0	0
is_coiled(254)	0	0	0	0	0	0	0
is_coiled(255)	0	0	0	0	0	0	0
is_coiled(256)	0	0	0	0	0	0	0
is_coiled(257)	0	0	0	0	0	0	0
is_coiled(258)	0	0	0	0	0	0	0
is_coiled(259)	0	0	0	0	0	0	0
is_coiled(260)	0	0	0	0	0	0	0
is_coiled(261)	0	0	0	0	0	0	0
is_coiled(262)	0	0	0	0	0	0	0
is_coiled(263)	0	0	0	0	0	0	0
is_coiled(264)	0	0	0	0	0	0	0
is_coiled(265)	0	0	0	0	0	0	0
is_coiled(266)	0	0	0	0	0	0	0
is_coiled(267)	0	0	0	0	0	0	0
is_coiled(268)	0	0	0	0	0	0	0
is_coiled(269)	0	0	0	0	0	0	0
is_coiled(270)	0	0	0	0	0	0	0
is_coiled(271)	0	0	0	0	0	0	0
is_coiled(272)	0	0	0	0	0	0	0
is_coiled(273)	0	0	0	0	0	0	0
is_coiled(274)	0	0	0	0	0	0	0
is_coiled(275)	0	0	0	0	0	0	0
is_coiled(276)	0	0	0	0	0	0	0
is_coiled(277)	0	0	0	0	0	0	0
is_coiled(278)	0	0	0	0	0	0	0

is_coiled(279)	0	0	0	0	0	0	0
is_coiled(280)	0	0	0	0	0	0	0
is_coiled(281)	0	0	0	0	0	0	0
is_coiled(282)	0	0	0	0	0	0	0
is_coiled(283)	0	0	0	0	0	0	0
is_coiled(284)	0	0	0	0	0	0	0
is_coiled(285)	0	0	0	0	0	0	0
is_coiled(286)	0	0	0	0	0	0	0
is_coiled(287)	0	0	0	0	0	0	0
is_coiled(288)	0	0	0	0	0	0	0
is_coiled(289)	0	0	0	0	0	0	0
is_coiled(290)	0	0	0	0	0	0	0
is_coiled(291)	0	0	0	0	0	0	0
is_coiled(292)	0	0	0	0	0	0	0
is_coiled(293)	0	0	0	0	0	0	0
is_coiled(294)	0	0	0	0	0	0	0
is_coiled(295)	0	0	0	0	0	0	0
is_coiled(296)	0	0	0	0	0	0	0
is_coiled(297)	0	0	0	0	0	0	0
is_coiled(298)	0	0	0	0	0	0	0
is_coiled(299)	0	0	0	0	0	0	0
is_coiled(300)	0	0	0	0	0	0	0
is_coiled(301)	0	0	0	0	0	0	0
is_coiled(302)	0	0	0	0	0	0	0
is_coiled(303)	0	0	0	0	0	0	0
is_coiled(304)	0	0	0	0	0	0	0
is_coiled(305)	0	0	0	0	0	0	0
is_coiled(306)	0	0	0	0	0	0	0
is_coiled(307)	0	0	0	0	0	0	0
is_coiled(308)	0	0	0	0	0	0	0
is_coiled(309)	0	0	0	0	0	0	0
is_coiled(310)	0	0	0	0	0	0	0
is_coiled(311)	0	0	0	0	0	0	0
is_coiled(312)	0	0	0	0	0	0	0
is_coiled(313)	0	0	0	0	0	0	0
is_coiled(314)	0	0	0	0	0	0	0
is_coiled(315)	0	0	0	0	0	0	0
is_coiled(316)	0	0	0	0	1	0	0
is_coiled(317)	0	0	0	0	0	0	0
is_coiled(318)	0	0	0	0	0	0	0
is_coiled(319)	0	0	0	0	0	0	0
is_coiled(320)	0	0	0	0	0	0	0
is_coiled(321)	0	0	0	0	0	0	0
is_coiled(322)	0	0	0	0	0	0	0
is_coiled(323)	0	0	0	0	0	0	0
is_coiled(324)	0	0	0	0	0	0	0
is_coiled(325)	0	0	0	0	0	0	0
is_coiled(326)	0	0	0	0	0	0	0
is_coiled(327)	0	0	0	0	0	0	0
is_coiled(328)	0	0	0	0	0	0	0

is_coiled(329)	0	0	0	0	0	0	0
is_coiled(330)	0	0	0	0	0	0	0
is_coiled(331)	0	0	0	0	0	0	0
is_coiled(332)	0	0	0	0	0	0	0
is_coiled(333)	0	0	0	0	0	0	0
is_coiled(334)	0	0	0	0	0	0	1
is_coiled(335)	0	0	0	0	0	0	0
is_coiled(336)	0	0	0	0	0	0	0
is_coiled(337)	0	0	0	0	0	0	0
is_coiled(338)	0	0	0	0	0	0	0
is_coiled(339)	0	0	0	0	0	0	0
is_coiled(340)	0	0	0	0	0	0	0
is_coiled(341)	0	0	0	0	0	0	0
is_coiled(342)	0	0	0	0	0	0	0
is_coiled(343)	0	0	0	0	0	0	0
is_coiled(344)	0	0	0	0	0	0	0
is_coiled(345)	0	0	0	0	0	0	0
is_coiled(346)	0	0	0	0	0	0	0
is_coiled(347)	0	0	0	0	0	0	0
is_coiled(348)	0	0	0	0	0	0	0
is_coiled(349)	0	0	0	0	0	0	0
is_coiled(350)	0	0	0	0	0	0	0
is_coiled(351)	0	0	0	0	0	0	0
is_coiled(352)	0	0	0	0	0	0	0
is_coiled(353)	0	0	0	0	0	0	0
is_coiled(354)	0	0	0	0	0	0	0
is_coiled(355)	0	0	0	0	0	0	0
is_coiled(356)	0	0	0	0	0	0	0
is_coiled(357)	0	0	0	0	0	0	0
is_coiled(358)	0	0	0	0	0	0	0
is_coiled(359)	0	0	0	0	0	0	0
is_well_oriented(0)	1	1	1	1	1	1	1
is_well_oriented(1)	1	1	1	1	1	1	1
is_well_oriented(2)	1	1	1	1	1	1	1
is_well_oriented(3)	1	1	1	1	1	1	1
is_well_oriented(4)	1	1	1	1	1	1	1
is_well_oriented(5)	1	1	1	1	1	1	1
is_well_oriented(6)	1	1	1	1	1	1	1
is_well_oriented(7)	1	1	1	1	1	1	1
is_well_oriented(8)	1	1	1	1	1	1	1
is_well_oriented(9)	1	1	1	1	1	1	1
is_well_oriented(10)	1	1	1	1	1	1	1
is_well_oriented(11)	1	1	1	1	1	1	1
is_well_oriented(12)	1	1	1	1	1	1	1
is_well_oriented(13)	1	1	1	1	1	1	1
is_well_oriented(14)	1	1	1	1	1	1	1
is_well_oriented(15)	1	1	1	1	1	1	1
is_well_oriented(16)	1	1	1	1	1	1	1
is_well_oriented(17)	1	1	1	1	1	1	1
is_well_oriented(18)	1	1	1	1	1	1	1

is_well_oriented(19)	1	1	1	1	1	1	1
is_well_oriented(20)	1	1	1	1	1	1	1
is_well_oriented(21)	1	1	1	1	1	1	1
is_well_oriented(22)	1	1	1	1	0	1	1
is_well_oriented(23)	1	1	1	1	1	1	1
is_well_oriented(24)	1	1	1	1	1	1	1
is_well_oriented(25)	1	1	1	1	1	1	1
is_well_oriented(26)	1	1	1	1	1	0	1
is_well_oriented(27)	1	1	1	1	1	0	1
is_well_oriented(28)	1	1	1	1	1	0	1
is_well_oriented(29)	1	1	1	1	1	0	1
is_well_oriented(30)	1	1	1	1	1	0	1
is_well_oriented(31)	1	1	1	1	1	0	1
is_well_oriented(32)	1	1	1	1	1	0	1
is_well_oriented(33)	1	1	1	1	1	0	1
is_well_oriented(34)	1	1	1	1	1	1	1
is_well_oriented(35)	1	1	1	1	1	1	1
is_well_oriented(36)	1	1	1	1	1	1	1
is_well_oriented(37)	1	1	1	1	0	1	1
is_well_oriented(38)	1	1	1	1	1	1	1
is_well_oriented(39)	1	1	1	1	1	1	1
is_well_oriented(40)	1	1	1	1	1	1	1
is_well_oriented(41)	1	1	1	1	1	1	1
is_well_oriented(42)	1	1	1	1	1	1	0
is_well_oriented(43)	1	1	1	1	1	1	0
is_well_oriented(44)	1	0	1	1	1	1	0
is_well_oriented(45)	1	0	1	1	1	1	0
is_well_oriented(46)	1	0	1	1	1	1	0
is_well_oriented(47)	1	0	1	1	1	1	0
is_well_oriented(48)	1	0	1	1	1	1	0
is_well_oriented(49)	1	0	1	1	1	1	0
is_well_oriented(50)	1	0	1	1	1	1	0
is_well_oriented(51)	1	0	1	1	1	1	0
is_well_oriented(52)	1	0	1	1	1	1	0
is_well_oriented(53)	1	0	1	1	1	1	0
is_well_oriented(54)	1	0	1	1	1	1	0
is_well_oriented(55)	1	1	1	1	1	1	0
is_well_oriented(56)	1	1	1	1	1	1	1
is_well_oriented(57)	1	1	1	1	1	1	1
is_well_oriented(58)	1	1	1	1	1	1	1
is_well_oriented(59)	1	1	1	1	1	1	1
is_well_oriented(60)	1	1	1	1	1	1	1
is_well_oriented(61)	1	1	1	1	1	1	1
is_well_oriented(62)	1	1	1	1	1	1	1
is_well_oriented(63)	1	1	1	1	1	1	1
is_well_oriented(64)	1	1	1	1	1	1	1
is_well_oriented(65)	1	1	1	1	1	1	1
is_well_oriented(66)	1	1	1	1	0	1	1
is_well_oriented(67)	1	1	1	1	0	1	1
is_well_oriented(68)	1	1	1	1	0	1	1

is_well_oriented(69)	1	1	1	1	0	1	1
is_well_oriented(70)	1	1	1	1	0	1	1
is_well_oriented(71)	1	1	1	1	0	1	1
is_well_oriented(72)	1	1	1	1	0	1	1
is_well_oriented(73)	1	1	1	1	1	1	1
is_well_oriented(74)	1	1	1	1	1	1	1
is_well_oriented(75)	1	1	1	1	1	1	1
is_well_oriented(76)	1	1	1	1	1	1	1
is_well_oriented(77)	1	1	1	1	1	1	1
is_well_oriented(78)	1	1	1	1	1	1	1
is_well_oriented(79)	1	1	1	1	1	1	1
is_well_oriented(80)	1	1	1	1	1	1	1
is_well_oriented(81)	1	1	1	1	1	1	1
is_well_oriented(82)	1	1	1	1	1	1	1
is_well_oriented(83)	1	1	1	1	1	1	1
is_well_oriented(84)	1	1	1	1	1	1	1
is_well_oriented(85)	1	1	1	1	1	1	1
is_well_oriented(86)	1	1	1	1	1	1	1
is_well_oriented(87)	1	1	1	1	1	1	1
is_well_oriented(88)	1	1	1	1	1	1	1
is_well_oriented(89)	1	1	1	1	1	1	1
is_well_oriented(90)	1	1	1	1	1	1	1
is_well_oriented(91)	1	1	1	1	1	1	0
is_well_oriented(92)	1	1	1	1	1	1	0
is_well_oriented(93)	1	1	1	1	1	1	0
is_well_oriented(94)	1	1	1	1	1	1	0
is_well_oriented(95)	1	1	1	1			0
is_well_oriented(96)	1	1	1	1			0
is_well_oriented(97)	1	1	1	1			0
is_well_oriented(98)	1	1	1	1			0
is_well_oriented(99)	1	1	1	1			0
is_well_oriented(100)	1	1	1	1			0
is_well_oriented(101)	1	1	1	1			0
is_well_oriented(102)	1	1	1	1			0
is_well_oriented(103)	1	1	1	1	1	1	0
is_well_oriented(104)	1	1	1	1	1	1	0
is_well_oriented(105)	0	1	1	1	1	1	0
is_well_oriented(106)	0	1	1	1	1	1	0
is_well_oriented(107)	0	1	1	1	1	1	1
is_well_oriented(108)	0	1	1	1	1	1	1
is_well_oriented(109)	0	1	1	1	1	1	1
is_well_oriented(110)	0	1	1	1	1	1	1
is_well_oriented(111)	1	1	1	1	1	1	1
is_well_oriented(112)	1	1	1	1	1	1	1
is_well_oriented(113)	1	1	1	1	1	1	1
is_well_oriented(114)	1	1	1	1	1	1	1
is_well_oriented(115)	1	1	1	1	1	1	1
is_well_oriented(116)	1	1	1	1	1	1	1
is_well_oriented(117)	1	1	1	1	1	1	1
is_well_oriented(118)	1	1	1	1	1	1	1

is_well_oriented(119)	1	1	1	1	1	1	1
is_well_oriented(120)	1	1	1	1	1	1	1
is_well_oriented(121)	1	1	1	1	1	1	1
is_well_oriented(122)	1	0	1	1	1	1	1
is_well_oriented(123)	1	0	1	1	1	1	1
is_well_oriented(124)	1	0	1	1	1	1	0
is_well_oriented(125)	1	0	1	1	1	1	0
is_well_oriented(126)	1	1	1	1	1	1	0
is_well_oriented(127)	1	1	1	1	1	1	0
is_well_oriented(128)	1	1	1	1	1	1	0
is_well_oriented(129)	1	1	1	1	1	0	0
is_well_oriented(130)	1	1	1	1	1	0	0
is_well_oriented(131)	1	1	1	1	1	0	0
is_well_oriented(132)	1	1	1	1	1	0	1
is_well_oriented(133)	1	1	1	1	1	0	1
is_well_oriented(134)	1	1	1	1	1	0	1
is_well_oriented(135)	1	1	1	1	1	0	1
is_well_oriented(136)	1	1	1	1	1	0	1
is_well_oriented(137)	1	1	1	1	1	1	1
is_well_oriented(138)	1	1	1	1	1	1	1
is_well_oriented(139)	1	1	1	1	1	1	1
is_well_oriented(140)	1	1	1	1	1	1	1
is_well_oriented(141)	1	1	1	1	1	1	1
is_well_oriented(142)	1	1	1	1	1	1	1
is_well_oriented(143)	1	1	1	1	1	1	1
is_well_oriented(144)	1	1	1	1	1	1	1
is_well_oriented(145)	1	1	1	1	1	1	1
is_well_oriented(146)	1	1	1	1	1	1	1
is_well_oriented(147)	1	1	1	1	1	1	1
is_well_oriented(148)	1	1	1	1	1	1	0
is_well_oriented(149)	1	1	1	1	1	1	1
is_well_oriented(150)	1	1	1	1	1	1	1
is_well_oriented(151)	1	1	1	1	1	1	1
is_well_oriented(152)	1	1	1	1	1	1	1
is_well_oriented(153)	1	1	1	1	1	1	1
is_well_oriented(154)	1	1	1	1	1	1	1
is_well_oriented(155)	1	1	1	1	1	1	1
is_well_oriented(156)	1	1	1	1	1	1	1
is_well_oriented(157)	1	1	1	1	1	1	1
is_well_oriented(158)	1	1	1	1	1	1	1
is_well_oriented(159)	1	1	1	1	1	1	1
is_well_oriented(160)	1	1	1	1	1	1	1
is_well_oriented(161)	1	1	1	1	1	1	1
is_well_oriented(162)	1	1	1	1	1	1	1
is_well_oriented(163)	1	1	1	1	1	1	1
is_well_oriented(164)	1	1	1	1	1	1	1
is_well_oriented(165)	1	1	1	1	1	1	1
is_well_oriented(166)	1	1	1	1	1	1	1
is_well_oriented(167)	1	1	1	1	1	1	1
is_well_oriented(168)	1	1	1	1	1	1	1

is_well_oriented(169)	1	1	1	1	1	1	1
is_well_oriented(170)	1	1	1	1	1	1	1
is_well_oriented(171)	1	1	1	1	1	1	1
is_well_oriented(172)	1	1	1	1	1	1	1
is_well_oriented(173)	1	1	1	1	1	1	1
is_well_oriented(174)	1	1	1	1	1	1	1
is_well_oriented(175)	1	1	1	1	1	1	1
is_well_oriented(176)	1	1	1	1	1	1	1
is_well_oriented(177)	1	1	1	1	1	1	1
is_well_oriented(178)	1	1	1	1	1	1	1
is_well_oriented(179)	1	1	1	1	1		1
is_well_oriented(180)	1	1	1	1	1		1
is_well_oriented(181)	1	1	1	1	1		1
is_well_oriented(182)	1	1	1	1	1		1
is_well_oriented(183)	1	1	1	1	1		1
is_well_oriented(184)	1	1	1	1	1		1
is_well_oriented(185)	1	1	1	1	1		1
is_well_oriented(186)	1	1	1	1	1		1
is_well_oriented(187)	1	1	1	1	1		1
is_well_oriented(188)	1	1	1	1	1		1
is_well_oriented(189)	1	1	1	1	1		1
is_well_oriented(190)	1	1	1	1	1		1
is_well_oriented(191)	1	1	1	1	1	0	1
is_well_oriented(192)	1	1	1	1	1	0	1
is_well_oriented(193)	1	1	1	1	1	0	1
is_well_oriented(194)	1	1	1	1	1	0	1
is_well_oriented(195)	1	1	1	1	1	0	1
is_well_oriented(196)	1	1	1	1	1	0	1
is_well_oriented(197)	1	1	1	1	1	0	1
is_well_oriented(198)	1	1	1	1	1	0	1
is_well_oriented(199)	1	1	1	1	1	0	1
is_well_oriented(200)	1	1	1	1	1	0	1
is_well_oriented(201)	1	1	1	1	1	1	1
is_well_oriented(202)	1	1	1	1	1	1	1
is_well_oriented(203)	1	1	1	1	1	1	1
is_well_oriented(204)	1	1	1	1	1	1	1
is_well_oriented(205)	1	1	1	1	1	1	1
is_well_oriented(206)	1	1	1	1	1	1	1
is_well_oriented(207)	1	1	1	1	1	1	1
is_well_oriented(208)	1	1	1	1	1	1	1
is_well_oriented(209)	1	1	1	1	1	1	1
is_well_oriented(210)	1	1	1	1	1	1	1
is_well_oriented(211)	1	1	1	1	1	1	1
is_well_oriented(212)	1	1	1	1	1	1	1
is_well_oriented(213)	1	1	1	1	1	1	1
is_well_oriented(214)	1	1	1	1	1	1	1
is_well_oriented(215)	1	1	1	0	1	1	1
is_well_oriented(216)	1	1	1	1	1	1	1
is_well_oriented(217)	1	1	1	1	1	1	1
is_well_oriented(218)	1	1	1	1	1	1	1

is_well_oriented(219)	1	1	1	1	1	1	1
is_well_oriented(220)	1	1	1	1	1	1	1
is_well_oriented(221)	1	1	1	1	1	1	1
is_well_oriented(222)	1	1	1	1	1	1	1
is_well_oriented(223)	1	1	1	1	1	1	1
is_well_oriented(224)	1	1	1	1	1	1	1
is_well_oriented(225)	1	1	1	1	1	1	1
is_well_oriented(226)	1	1	1	1	1	1	1
is_well_oriented(227)	1	1	1	1	1	1	1
is_well_oriented(228)	1	1	1	1	1	1	1
is_well_oriented(229)	1	1	1	1	1	1	1
is_well_oriented(230)	1	1	1	1	1	1	1
is_well_oriented(231)	1	1	1	1	1	1	1
is_well_oriented(232)	1	1	1	1	1	1	1
is_well_oriented(233)	1	1	1	1	1	1	1
is_well_oriented(234)	1	1	1	1	1	1	1
is_well_oriented(235)	1	1	1	1	1	1	1
is_well_oriented(236)	1	1	1	1	1	1	1
is_well_oriented(237)	1	1	1	1	1	1	1
is_well_oriented(238)	1	1	1		1	1	1
is_well_oriented(239)	1	1	1		1	1	1
is_well_oriented(240)	1	0	1		1	1	1
is_well_oriented(241)	1	0	1	0	1	1	1
is_well_oriented(242)	1	0	1	0	1	1	1
is_well_oriented(243)	1		1	0		1	1
is_well_oriented(244)	1		1	0		1	1
is_well_oriented(245)	1		1	0		1	1
is_well_oriented(246)	1		1	0		1	1
is_well_oriented(247)	1		1	0		1	1
is_well_oriented(248)	1		1	0		1	1
is_well_oriented(249)	1		1	0		1	1
is_well_oriented(250)	1		1	1		1	1
is_well_oriented(251)	1		1	1		1	1
is_well_oriented(252)	1		1	1		1	1
is_well_oriented(253)	1		1	1		1	1
is_well_oriented(254)	1		1	1		1	1
is_well_oriented(255)	1		1	1		1	1
is_well_oriented(256)	1		1	1		1	1
is_well_oriented(257)	1	1	1	1	1	1	1
is_well_oriented(258)	1	1	1	1	1	1	1
is_well_oriented(259)	1	1	1	1	1	1	1
is_well_oriented(260)	1	1	1	1	1	1	1
is_well_oriented(261)	1	1	1	1	1	1	1
is_well_oriented(262)	1	1	1	1	1	1	1
is_well_oriented(263)	1	1	1	1	1	1	1
is_well_oriented(264)	1	1	1	1	1	1	1
is_well_oriented(265)	1	1	1	1	1	1	1
is_well_oriented(266)	1	1	1	1	1	1	1
is_well_oriented(267)	1	1	1	1	1	1	1
is_well_oriented(268)	1	1	1	1	1	1	1

is_well_oriented(269)	1	1	1	1	1	1	1
is_well_oriented(270)	1	1	1	1	1	1	1
is_well_oriented(271)	1	1	1	1	1	1	1
is_well_oriented(272)	1	1	1	1	1	1	1
is_well_oriented(273)	1	1	1	1	1	1	1
is_well_oriented(274)	1	1	1	1	1	1	1
is_well_oriented(275)	1	1	1	1	1	1	1
is_well_oriented(276)	1	1	1	1	1	1	1
is_well_oriented(277)	1	1	1	1	1	1	1
is_well_oriented(278)	1	1	1	1	1	1	0
is_well_oriented(279)	1	1	0	1	1	1	0
is_well_oriented(280)	1	1	0	1	1	1	0
is_well_oriented(281)	1	1	0	1	1	1	0
is_well_oriented(282)	1	1	0	1	1	1	0
is_well_oriented(283)	1	1	0	1	1	1	0
is_well_oriented(284)	1	1	0	1	1	1	0
is_well_oriented(285)	1	1	1	1	1	1	0
is_well_oriented(286)	1	1	1	1	1	1	0
is_well_oriented(287)	1	1	1	1	1	1	1
is_well_oriented(288)	1	1	1	1	1	1	1
is_well_oriented(289)	1	1	1	1	1	1	1
is_well_oriented(290)	1	1	1	1	1	1	1
is_well_oriented(291)	1	1	1	1	1	1	1
is_well_oriented(292)	1	1	1	1	1	1	1
is_well_oriented(293)	1	1	1	1	1	1	1
is_well_oriented(294)	1	1	1	1	1	1	1
is_well_oriented(295)	1	1	1	1	1	1	1
is_well_oriented(296)	1	1	1	1	1	1	1
is_well_oriented(297)	1	1	1	1	1	1	1
is_well_oriented(298)	1	1	1	1	1	1	1
is_well_oriented(299)	1	1	1	1	1	1	1
is_well_oriented(300)	1	1	1	1	1	1	1
is_well_oriented(301)	1	1	1	1	1	1	1
is_well_oriented(302)	1	1	1	1	1	1	1
is_well_oriented(303)	1	1	0	1	1	1	1
is_well_oriented(304)	1	1	0	1	1	1	1
is_well_oriented(305)	1	1	0	1	1	1	1
is_well_oriented(306)	1	1	1	1	0	1	1
is_well_oriented(307)	1	1	1	1	0	1	1
is_well_oriented(308)	1	1	1	1	0	1	1
is_well_oriented(309)	1	1	1	1	0	1	1
is_well_oriented(310)	1	1	1	1	0	1	1
is_well_oriented(311)	1	1	1	1	0	1	1
is_well_oriented(312)	1	1	1	1	0	1	1
is_well_oriented(313)	1	1	1	1	0	1	1
is_well_oriented(314)	1	1	1	1	0	1	1
is_well_oriented(315)	1	1	1	1	0	1	1
is_well_oriented(316)	1	1	1	1	0	1	1
is_well_oriented(317)	1	1	1	1	0	1	0
is_well_oriented(318)	1	1	1	1	0	1	0

is_well_oriented(319)	1	1	1	1	0	1	0
is_well_oriented(320)	1	1	1	1	0	1	1
is_well_oriented(321)	1	1	1	1	0	1	1
is_well_oriented(322)	1	1	1	1	1	1	1
is_well_oriented(323)	1	1	1	1	1	1	1
is_well_oriented(324)	1	1	1	1	1	1	1
is_well_oriented(325)	1	1	1	1	1	1	1
is_well_oriented(326)	1	1	1	1	1	1	1
is_well_oriented(327)	1	1	1	1	1	1	1
is_well_oriented(328)	1	1	1	1	1	1	1
is_well_oriented(329)	1	1	1	1	1	1	1
is_well_oriented(330)	1	1	1	1	1	1	1
is_well_oriented(331)	1	1	1	1	1	1	1
is_well_oriented(332)	1	1	1	1	1	1	1
is_well_oriented(333)	1	1	1	1	1	1	1
is_well_oriented(334)	1	1	1	1	1	1	0
is_well_oriented(335)	0	1	1	1	1	1	0
is_well_oriented(336)	0	1	1	1	1	1	0
is_well_oriented(337)	0	1	1	1	1	1	0
is_well_oriented(338)	0	1	1	1	1	1	0
is_well_oriented(339)	0	1	1	1	1	1	0
is_well_oriented(340)	0	1	1	1	1	1	0
is_well_oriented(341)	0	1	1	1	1	1	0
is_well_oriented(342)	0	1	1	1	1	1	0
is_well_oriented(343)	0	1	1	1	1	1	0
is_well_oriented(344)	0	1	1	1	1	1	1
is_well_oriented(345)	0	1	1	1	1	1	1
is_well_oriented(346)	0	1	1	1	1	1	1
is_well_oriented(347)	0	1	1	1	1	1	1
is_well_oriented(348)	0	1	0	1	1	1	1
is_well_oriented(349)	0	1	0	1	1	1	1
is_well_oriented(350)	0	1	0	1	1	1	1
is_well_oriented(351)	0	1	0	1	1	1	1
is_well_oriented(352)	0	1	0	1	1	1	1
is_well_oriented(353)	0	1	0	1	1	1	1
is_well_oriented(354)	0	1	0	1	1	1	1
is_well_oriented(355)	0	1	0	1	1	1	1
is_well_oriented(356)	0	1	0	1	1	1	1
is_well_oriented(357)	0	1	0	1	1	1	1
is_well_oriented(358)	0	1	0	1	1	1	1
is_well_oriented(359)	0	1	0	1	1	1	1
go_phase(0)							
go_phase(1)	0	1	1	1	1	1	1
go_phase(2)	1	1	1	1	1	0	1
go_phase(3)	1	1	1	1	1	1	1
go_phase(4)	1	1	1	1	1	1	1
go_phase(5)	1	1	1	1	0	1	1
go_phase(6)	1	1	1	1	0	1	1
go_phase(7)	1	1	1	1	1	1	1
go_phase(8)	1	1	1	0	0	1	1

go_phase(9)	1	1	1	1	1	1	1
go_phase(10)	1	1	1	1	1	1	1
go_phase(11)	1	1	1	1	0	1	1
go_phase(12)	0	1	1	1	1	1	0
go_phase(13)	0	1	0	1	1	1	1
go_phase(14)	0	1	0	1	0	1	1
go_phase(15)	0	1	0	1	1	1	1
go_phase(16)	0	1	0	1	1	1	1
go_phase(17)	0	1	0	0	1	1	1
go_phase(18)	0	1	0	0	0	1	1
go_phase(19)	0	1	1	0	1	0	1
go_phase(20)	0	1	1	0	0	0	1
go_phase(21)	0	1	0	0	0	0	1
go_phase(22)	0	1	0	0	0	1	1
go_phase(23)	0	1	1	1	0	0	1
go_phase(24)	1	1	1	0	0	0	1
go_phase(25)	1	1	1	1	1	1	1
go_phase(26)	1	0	1	0	0	0	1
go_phase(27)	0	0	0	0	0	0	0
go_phase(28)	1	1	1	1	1	0	1
go_phase(29)	1	0	1	1	1	0	1
go_phase(30)	1	0	1	1	1	0	1
go_phase(31)	0	0	1	1	1	0	1
go_phase(32)	1	0	1	1	1	0	1
go_phase(33)	1	0	1	1	1	0	1
go_phase(34)	1	1	1	1	0	0	0
go_phase(35)	1	0	1	0	0	0	0
go_phase(36)	1	0	1	1	1	0	0
go_phase(37)	1	0	1	1	0	0	0
go_phase(38)	1	1	1	1	0	0	1
go_phase(39)	0	1	1	1	1	0	0
go_phase(40)	0	0	1	1	1	1	1
go_phase(41)	1	0	1	1	1	1	1
go_phase(42)	1	0	1	1	1	1	0
go_phase(43)	0	0	1	1	1	1	0
go_phase(44)	0	0	1	1	1	1	0
go_phase(45)	1	0	1	1	1	1	0
go_phase(46)	1	0	1	1	1	1	0
go_phase(47)	0	1	1	1	1	1	0
go_phase(48)	1	1	1	1	1	1	0
go_phase(49)	1	0	1	1	1	1	0
go_phase(50)	1	1	1	1	1	1	0
go_phase(51)	1	0	1	1	1	1	0
go_phase(52)	1	0	1	1	1	1	0
go_phase(53)	1	0	1	1	1	1	0
go_phase(54)	1	0	1	1	1	1	0
go_phase(55)	0	0	1	1	1	1	0
go_phase(56)	1	0	1	1	1	1	0
go_phase(57)	1	0	1	0	1	1	1
go_phase(58)	1	0	1	1	1	1	1

go_phase(59)	1	0	1	1	1	1	1	1
go_phase(60)	1	0	1	1	1	1	1	1
go_phase(61)	1	0	1	1	1	1	1	1
go_phase(62)	1	1	1	1	1	1	1	1
go_phase(63)	1	1	1	1	1	1	1	0
go_phase(64)	1	1	1	1	1	1	1	1
go_phase(65)	1	1	1	1	0	1	1	1
go_phase(66)	1	1	1	1	0	1	1	1
go_phase(67)	1	1	1	1	0	1	1	1
go_phase(68)	1	1	1	1	0	1	1	1
go_phase(69)	1	0	1	1	0	1	1	1
go_phase(70)	1	1	1	1	0	1	1	1
go_phase(71)	1	1	1	1	1	0	1	1
go_phase(72)	1	1	1	0	0	1	1	1
go_phase(73)	1	1	1	0	0	1	1	1
go_phase(74)	1	1	1	1	0	1	1	0
go_phase(75)	1	0	1	0	1	1	1	0
go_phase(76)	1	0	1	1	0	1	1	1
go_phase(77)	1	0	1	1	0	1	1	1
go_phase(78)	1	0	1	1	1	1	1	1
go_phase(79)	1	0	1	1	1	1	1	1
go_phase(80)	1	0	1	1	1	1	1	1
go_phase(81)	1	0	1	1	1	1	1	1
go_phase(82)	1	0	1	1	1	1	1	1
go_phase(83)	1	0	1	1	1	1	1	1
go_phase(84)	1	0	1	1	1	1	1	1
go_phase(85)	1	0	1	1	0	0	0	1
go_phase(86)	1	1	1	1	1	0	0	1
go_phase(87)	0	0	1	1	1	0	0	1
go_phase(88)	1	0	1	1	1	0	0	1
go_phase(89)	0	0	1	1	1	1	1	1
go_phase(90)	1	0	1	1	1	1	1	0
go_phase(91)	1	1	1	1	1	1	1	0
go_phase(92)	1	0	1	1	1	1	1	0
go_phase(93)	1	0	1	1	1	1	1	0
go_phase(94)	0	0	1	1	1	1	1	1
go_phase(95)	0	0	1	1				1
go_phase(96)	1	0	1	1				0
go_phase(97)	1	1	1	1				1
go_phase(98)	1	1	1	1				1
go_phase(99)	0	1	1	1				0
go_phase(100)	0	0	1	1				0
go_phase(101)	1	1	1	1				0
go_phase(102)	1	1	1	1				0
go_phase(103)	0	1	1	1				0
go_phase(104)	0	1	1	1	1	0		1
go_phase(105)	0	1	1	1	1	0		0
go_phase(106)	0	1	1	1	1	0		0
go_phase(107)	0	1	1	1	1	0		0
go_phase(108)	0	0	0	1	1	0		0

go_phase(109)	0	0	0	1	1	0	0
go_phase(110)	0	0	1	1	1	1	1
go_phase(111)	0	0	0	1	1	0	1
go_phase(112)	0	0	0	1	1	1	1
go_phase(113)	0	0	0	1	1	1	1
go_phase(114)	0	0	1	1	1	1	1
go_phase(115)	0	1	1	1	1	1	1
go_phase(116)	1	0	1	0	1	1	1
go_phase(117)	1	0	1	1	1	1	1
go_phase(118)	1	0	1	1	0	1	1
go_phase(119)	1	0	1	1	1	1	1
go_phase(120)	1	0	1	1	1	1	1
go_phase(121)	1	0	1	1	1	1	1
go_phase(122)	1	0	1	1	1	0	0
go_phase(123)	1	0	1	1	1	1	1
go_phase(124)	1	0	1	1	1	1	0
go_phase(125)	1	0	1	1	1	1	0
go_phase(126)	1	0	1	1	1	0	0
go_phase(127)	1	0	1	1	1	1	0
go_phase(128)	1	0	1	1	1	0	1
go_phase(129)	1	0	1	1	1	0	0
go_phase(130)	1	0	1	1	1	0	0
go_phase(131)	1	1	1	1	1	0	0
go_phase(132)	1	1	1	1	1	0	0
go_phase(133)	1	1	1	1	1	0	0
go_phase(134)	1	1	1	1	0	0	1
go_phase(135)	1	1	1	1	1	0	1
go_phase(136)	1	1	1	1	1	0	1
go_phase(137)	1	1	1	1	1	0	1
go_phase(138)	1	1	1	1	1	0	1
go_phase(139)	1	1	1	0	1	0	1
go_phase(140)	1	1	1	1	1	0	1
go_phase(141)	1	1	1	1	1	1	1
go_phase(142)	1	1	1	1	1	0	1
go_phase(143)	1	1	1	1	1	1	1
go_phase(144)	1	1	1	1	1	1	1
go_phase(145)	1	0	1	1	1	1	0
go_phase(146)	1	1	1	1	1	1	0
go_phase(147)	1	1	1	1	1	1	0
go_phase(148)	1	1	1	1	1	1	0
go_phase(149)	1	1	1	1	1	1	0
go_phase(150)	1	1	1	1	1	1	0
go_phase(151)	1	0	1	1	1	1	0
go_phase(152)	1	1	1	1	1	1	0
go_phase(153)	1	1	1	1	1	1	0
go_phase(154)	1	1	1	1	1	1	1
go_phase(155)	1	1	1	1	1	1	1
go_phase(156)	1	1	1	1	1	1	1
go_phase(157)	1	1	1	1	1	1	0
go_phase(158)	1	0	1	1	1	0	1

go_phase(159)	1	1	1	1	1	0	1
go_phase(160)	1	0	1	1	1	0	1
go_phase(161)	1	1	1	1	1	1	0
go_phase(162)	1	1	1	1	1	1	1
go_phase(163)	1	1	1	1	1	1	1
go_phase(164)	1	1	1	1	1	1	1
go_phase(165)	1	1	1	1	1	1	1
go_phase(166)	1	1	1	1	1	1	1
go_phase(167)	1	1	1	1	1	1	1
go_phase(168)	0	1	1	1	1	1	1
go_phase(169)	1	1	1	1	1	1	1
go_phase(170)	1	1	1	0	1	1	1
go_phase(171)	1	0	1	1	0	1	1
go_phase(172)	1	1	1	0	0	1	1
go_phase(173)	1	0	1	0	1	1	1
go_phase(174)	1	1	1	0	1	1	1
go_phase(175)	1	1	1	0	1	0	1
go_phase(176)	1	1	1	1	1	1	1
go_phase(177)	1	0	1	1	1	1	1
go_phase(178)	0	1	1	1	1	0	1
go_phase(179)	0	1	1	1	1		1
go_phase(180)	0	1	1	1	1		1
go_phase(181)	0	1	1	1	0		1
go_phase(182)	0	1	1	1	1		1
go_phase(183)	0	0	1	1	0		1
go_phase(184)	0	1	1	1	0		1
go_phase(185)	0	1	1	1	1		1
go_phase(186)	0	1	1	1	0		1
go_phase(187)	1	1	1	1	0		1
go_phase(188)	0	1	1	0	0		1
go_phase(189)	1	1	1	0	0		1
go_phase(190)	0	1	1	0	0		1
go_phase(191)	1	1	1	0	1		1
go_phase(192)	1	1	1	0	1	0	1
go_phase(193)	1	1	1	0	1	0	1
go_phase(194)	1	1	1	0	1	0	1
go_phase(195)	1	1	1	0	1	0	1
go_phase(196)	1	1	1	1	1	0	1
go_phase(197)	1	1	1	1	1	0	1
go_phase(198)	1	1	1	1	1	0	1
go_phase(199)	1	1	1	1	1	0	1
go_phase(200)	1	0	1	1	1	0	1
go_phase(201)	1	1	1	1	1	0	1
go_phase(202)	1	1	1	1	1	0	1
go_phase(203)	1	0	1	1	1	0	1
go_phase(204)	1	1	1	1	1	0	1
go_phase(205)	1	1	1	1	1	0	1
go_phase(206)	1	1	1	1	1	0	1
go_phase(207)	1	1	1	1	1	0	1
go_phase(208)	1	1	1	1	1	0	1

go_phase(209)	1	1	1	1	0	1	1
go_phase(210)	1	1	1	1	1	0	1
go_phase(211)	1	1	1	1	1	0	1
go_phase(212)	1	1	1	0	1	1	1
go_phase(213)	0	1	1	1	1	0	1
go_phase(214)	1	1	1	0	1	1	1
go_phase(215)	1	1	1	0	1	1	1
go_phase(216)	1	1	1	0	1	1	1
go_phase(217)	1	1	1	0	1	1	1
go_phase(218)	1	1	1	0	1	1	1
go_phase(219)	1	0	1	0	0	0	1
go_phase(220)	1	1	1	1	1	1	1
go_phase(221)	1	1	1	1	1	1	1
go_phase(222)	0	1	1	1	1	0	1
go_phase(223)	1	1	1	1	1	1	1
go_phase(224)	1	1	1	1	1	1	1
go_phase(225)	0	1	1	1	1	1	1
go_phase(226)	0	1	1	1	1	1	1
go_phase(227)	0	1	1	0	1	1	0
go_phase(228)	0	1	1	1	1	1	1
go_phase(229)	0	0	1	1	1	1	1
go_phase(230)	0	1	1	1	1	1	1
go_phase(231)	1	0	1	1	1	1	1
go_phase(232)	1	0	1	1	1	1	1
go_phase(233)	0	1	1	1	1	1	1
go_phase(234)	0	0	1	1	1	1	1
go_phase(235)	0	0	1	1	1	1	1
go_phase(236)	0	0	1	1	1	1	1
go_phase(237)	0	0	1	0	1	1	1
go_phase(238)	0	0	1		1	1	1
go_phase(239)	0	0	1		1	0	1
go_phase(240)	0	1	1		1	1	1
go_phase(241)	0	0	1		1	1	1
go_phase(242)	1	0	1	0	1	1	1
go_phase(243)	1		1	0		1	1
go_phase(244)	1		1	0		1	1
go_phase(245)	0		1	0		1	1
go_phase(246)	0		1	1		1	1
go_phase(247)	0		1	0		1	1
go_phase(248)	1		1	0		1	1
go_phase(249)	1		1	0		0	1
go_phase(250)	1		1	0		1	1
go_phase(251)	1		1	0		1	1
go_phase(252)	1		1	0		1	1
go_phase(253)	0		1	0		1	1
go_phase(254)	1		1	1		0	1
go_phase(255)	1		1	1		1	0
go_phase(256)	1		1	1		1	0
go_phase(257)	1		1	1		1	0
go_phase(258)	1	0	1	1	1	1	0

go_phase(259)	1	0	1	1	1	1	0
go_phase(260)	1	1	1	1	1	1	1
go_phase(261)	1	0	1	1	1	1	1
go_phase(262)	1	1	1	1	1	1	1
go_phase(263)	1	1	1	1	1	1	1
go_phase(264)	1	1	1	1	1	1	1
go_phase(265)	1	0	1	1	1	1	1
go_phase(266)	1	1	1	1	1	1	1
go_phase(267)	1	1	1	1	1	1	1
go_phase(268)	1	1	1	1	1	1	1
go_phase(269)	1	1	1	1	1	1	1
go_phase(270)	1	0	1	1	1	1	1
go_phase(271)	1	1	1	1	1	1	1
go_phase(272)	1	1	1	1	1	1	1
go_phase(273)	1	0	1	1	1	1	0
go_phase(274)	1	1	1	1	1	1	0
go_phase(275)	1	1	1	1	1	1	0
go_phase(276)	1	1	1	1	1	1	1
go_phase(277)	1	0	1	1	1	1	1
go_phase(278)	1	1	1	1	1	1	0
go_phase(279)	1	1	0	1	1	1	0
go_phase(280)	1	0	0	1	1	1	1
go_phase(281)	1	1	0	1	1	1	0
go_phase(282)	1	1	0	1	1	1	1
go_phase(283)	1	0	0	1	1	1	1
go_phase(284)	1	1	0	1	1	1	0
go_phase(285)	1	1	0	1	1	1	0
go_phase(286)	1	1	1	1	1	1	0
go_phase(287)	1	0	1	1	1	1	0
go_phase(288)	1	0	1	1	1	1	0
go_phase(289)	1	1	1	1	1	0	1
go_phase(290)	1	0	1	1	1	1	1
go_phase(291)	1	1	1	1	1	1	1
go_phase(292)	1	1	1	1	1	1	1
go_phase(293)	1	1	1	1	1	1	1
go_phase(294)	1	1	1	1	1	1	1
go_phase(295)	1	1	1	1	1	1	1
go_phase(296)	1	0	1	1	1	0	1
go_phase(297)	0	1	1	1	1	1	1
go_phase(298)	0	1	1	1	1	1	1
go_phase(299)	1	1	1	1	1	1	1
go_phase(300)	1	0	1	1	1	1	1
go_phase(301)	1	1	1	1	1	1	1
go_phase(302)	1	1	0	1	1	1	1
go_phase(303)	1	1	0	1	1	1	1
go_phase(304)	1	0	0	1	0	1	1
go_phase(305)	0	1	0	1	0	1	0
go_phase(306)	1	1	0	1	0	1	1
go_phase(307)	1	1	0	1	0	1	0
go_phase(308)	1	1	0	1	0	1	0

go_phase(309)	1	1	0	1	0	1	1
go_phase(310)	1	0	1	1	0	1	0
go_phase(311)	1	1	1	1	0	1	0
go_phase(312)	1	0	1	1	0	1	0
go_phase(313)	1	1	1	1	1	1	1
go_phase(314)	1	1	1	1	0	1	0
go_phase(315)	1	1	1	1	0	1	1
go_phase(316)	1	1	1	1	1	1	0
go_phase(317)	1	1	1	1	0	1	0
go_phase(318)	1	1	1	1	0	1	0
go_phase(319)	1	1	1	1	0	1	0
go_phase(320)	1	1	1	1	0	1	0
go_phase(321)	1	0	1	1	0	1	1
go_phase(322)	1	1	1	1	0	1	1
go_phase(323)	1	1	1	1	0	1	1
go_phase(324)	1	0	1	1	1	1	0
go_phase(325)	1	1	1	1	0	1	1
go_phase(326)	1	1	1	1	1	1	1
go_phase(327)	1	1	1	1	1	1	1
go_phase(328)	1	0	1	1	1	1	0
go_phase(329)	0	1	1	1	1	1	0
go_phase(330)	1	1	1	1	1	1	0
go_phase(331)	1	1	1	1	1	1	0
go_phase(332)	0	1	1	1	1	1	1
go_phase(333)	0	1	1	1	1	1	1
go_phase(334)	0	1	1	1	1	1	0
go_phase(335)	0	1	1	1	1	1	0
go_phase(336)	1	0	1	1	1	1	0
go_phase(337)	0	1	1	1	1	1	0
go_phase(338)	0	1	1	0	1	1	0
go_phase(339)	0	1	1	0	1	1	0
go_phase(340)	0	0	1	1	1	1	1
go_phase(341)	0	1	1	1	1	1	1
go_phase(342)	0	1	1	1	1	1	0
go_phase(343)	0	0	1	1	1	1	1
go_phase(344)	0	0	1	1	1	1	1
go_phase(345)	0	0	1	1	1	1	1
go_phase(346)	0	1	1	1	1	1	1
go_phase(347)	0	0	0	1	1	1	1
go_phase(348)	0	1	0	1	1	1	1
go_phase(349)	0	1	0	1	1	1	1
go_phase(350)	1	1	1	1	1	1	1
go_phase(351)	0	1	1	1	1	0	1
go_phase(352)	0	1	0	1	1	0	1
go_phase(353)	1	1	0	1	1	1	1
go_phase(354)	1	1	0	1	1	1	1
go_phase(355)	0	0	0	1	1	1	1
go_phase(356)	0	1	0	1	1	0	1
go_phase(357)	1	1	0	1	1	1	1
go_phase(358)	0	1	0	1	1	1	1

go_phase(359)	0	1	0	1	1	0	1
left_bended(0)	0	0	0	0	0	0	0
left_bended(1)	0	0	0	0	0	0	0
left_bended(2)	0	0	0	0	0	0	0
left_bended(3)	0	0	0	0	0	0	0
left_bended(4)	0	0	0	0	0	0	0
left_bended(5)	0	0	0	0	0	0	0
left_bended(6)	0	0	0	0	0	0	0
left_bended(7)	0	0	0	0	0	0	0
left_bended(8)	0	0	0	0	0	0	0
left_bended(9)	0	0	0	0	0	0	0
left_bended(10)	0	0	0	0	0	0	0
left_bended(11)	0	0	0	0	0	0	0
left_bended(12)	0	0	0	0	0	0	0
left_bended(13)	0	0	0	0	0	0	0
left_bended(14)	0	0	0	0	0	0	0
left_bended(15)	0	0	0	0	0	0	0
left_bended(16)	0	0	0	0	0	0	0
left_bended(17)	0	0	0	0	0	0	0
left_bended(18)	0	0	0	0	0	0	0
left_bended(19)	0	0	0	0	0	1	0
left_bended(20)	0	0	0	0	0	1	0
left_bended(21)	0	0	0	0	0	1	0
left_bended(22)	0	0	0	0	0	0	0
left_bended(23)	0	0	0	0	0	0	0
left_bended(24)	0	0	0	0	0	0	0
left_bended(25)	0	0	0	0	0	0	0
left_bended(26)	0	0	0	0	0	1	0
left_bended(27)	0	0	0	0	0	1	0
left_bended(28)	0	0	0	0	0	1	0
left_bended(29)	0	1	0	0	0	0	0
left_bended(30)	0	0	0	0	0	0	0
left_bended(31)	0	1	0	0	0	0	0
left_bended(32)	0	1	0	0	0	0	0
left_bended(33)	0	0	0	0	0	0	0
left_bended(34)	0	0	0	0	0	0	0
left_bended(35)	0	0	0	0	0	0	0
left_bended(36)	0	0	0	0	0	0	0
left_bended(37)	0	0	0	0	1	0	1
left_bended(38)	0	0	0	0	1	0	0
left_bended(39)	0	0	0	0	0	0	0
left_bended(40)	0	0	0	0	0	0	0
left_bended(41)	0	0	0	0	0	0	0
left_bended(42)	0	0	0	0	0	0	0
left_bended(43)	1	0	0	0	0	0	0
left_bended(44)	1	1	0	0	0	0	0
left_bended(45)	0	0	0	0	0	0	0
left_bended(46)	0	0	0	0	0	0	0
left_bended(47)	1	0	0	0	0	0	0
left_bended(48)	0	0	0	0	0	0	0

left_bended(49)	0	0	0	0	0	0	0
left_bended(50)	0	0	0	0	0	0	0
left_bended(51)	0	0	0	0	0	0	0
left_bended(52)	0	0	0	0	0	0	0
left_bended(53)	0	0	0	0	0	0	0
left_bended(54)	0	0	0	0	0	0	0
left_bended(55)	1	1	0	0	0	0	1
left_bended(56)	0	1	0	0	0	0	1
left_bended(57)	0	1	0	0	0	0	0
left_bended(58)	0	1	0	0	0	0	0
left_bended(59)	0	1	0	0	0	0	0
left_bended(60)	0	1	0	0	0	0	0
left_bended(61)	0	1	0	0	0	0	0
left_bended(62)	0	0	0	0	0	0	0
left_bended(63)	0	0	0	0	0	0	0
left_bended(64)	0	0	0	0	0	0	0
left_bended(65)	0	0	0	0	0	0	0
left_bended(66)	0	0	0	0	0	0	0
left_bended(67)	0	0	0	0	0	0	0
left_bended(68)	0	0	0	0	0	0	0
left_bended(69)	0	0	0	0	0	0	0
left_bended(70)	0	0	0	0	0	0	0
left_bended(71)	0	0	0	0	0	0	0
left_bended(72)	0	0	0	0	1	0	0
left_bended(73)	0	0	0	0	1	0	0
left_bended(74)	0	0	0	0	1	0	0
left_bended(75)	0	1	0	0	0	0	1
left_bended(76)	0	1	0	0	1	0	0
left_bended(77)	0	1	0	0	1	0	0
left_bended(78)	0	1	0	0	0	0	0
left_bended(79)	0	1	0	0	0	0	0
left_bended(80)	0	1	0	0	0	0	0
left_bended(81)	0	1	0	0	0	0	0
left_bended(82)	0	1	0	0	0	0	0
left_bended(83)	0	1	0	0	0	0	0
left_bended(84)	0	1	0	0	0	0	0
left_bended(85)	0	1	0	0	0	1	0
left_bended(86)	0	0	0	0	0	1	0
left_bended(87)	0	1	0	0	0	1	0
left_bended(88)	0	1	0	0	0	1	0
left_bended(89)	0	1	0	0	0	0	0
left_bended(90)	0	1	0	0	0	0	0
left_bended(91)	0	0	0	0	0	0	0
left_bended(92)	0	1	0	0	0	0	0
left_bended(93)	0	1	0	0	0	0	0
left_bended(94)	1	1	0	0	0	0	0
left_bended(95)	1	1	0	0			0
left_bended(96)	0	1	0	0			0
left_bended(97)	0	0	0	0			0
left_bended(98)	0	0	0	0			0

left_bended(99)	0	0	0	0			1
left_bended(100)	0	0	0	0			1
left_bended(101)	0	0	0	0			1
left_bended(102)	0	0	0	0			1
left_bended(103)	0	0	0	0	0	1	0
left_bended(104)	0	0	0	0	0	1	0
left_bended(105)	1	0	0	0	0	1	0
left_bended(106)	1	0	0	0	0	1	0
left_bended(107)	1	0	0	0	0	1	0
left_bended(108)	1	1	1	0	0	1	0
left_bended(109)	1	1	0	0	0	1	0
left_bended(110)	1	1	0	0	0	0	0
left_bended(111)	1	1	0	0	0	0	0
left_bended(112)	1	1	0	0	0	0	0
left_bended(113)	1	1	0	0	0	0	0
left_bended(114)	1	1	0	0	0	0	0
left_bended(115)	1	0	0	0	0	0	0
left_bended(116)	0	0	0	0	0	0	0
left_bended(117)	0	1	0	0	0	0	0
left_bended(118)	0	1	0	0	0	0	0
left_bended(119)	0	1	0	0	0	0	0
left_bended(120)	0	1	0	0	0	0	0
left_bended(121)	0	1	0	0	0	0	0
left_bended(122)	0	1	0	0	0	0	0
left_bended(123)	0	1	0	0	0	0	0
left_bended(124)	0	1	0	0	0	0	1
left_bended(125)	0	1	0	0	0	0	1
left_bended(126)	0	0	0	0	0	0	1
left_bended(127)	0	0	0	0	0	0	0
left_bended(128)	0	0	0	0	0	0	0
left_bended(129)	0	0	0	0	0	0	1
left_bended(130)	0	0	0	0	0	0	1
left_bended(131)	0	0	0	0	0	0	1
left_bended(132)	0	0	0	0	0	0	1
left_bended(133)	0	0	0	0	0	0	1
left_bended(134)	0	0	0	0	0	0	0
left_bended(135)	0	0	0	0	0	0	0
left_bended(136)	0	0	0	0	0	0	0
left_bended(137)	0	0	0	0	0	0	0
left_bended(138)	0	0	0	0	0	0	0
left_bended(139)	0	0	0	0	0	0	0
left_bended(140)	0	0	0	0	0	0	0
left_bended(141)	0	0	0	0	0	0	0
left_bended(142)	0	0	0	0	0	0	0
left_bended(143)	0	0	0	0	0	0	0
left_bended(144)	0	0	0	0	0	0	0
left_bended(145)	0	0	0	0	0	0	0
left_bended(146)	0	0	0	0	0	0	0
left_bended(147)	0	0	0	0	0	0	0
left_bended(148)	0	0	0	0	0	0	0

left_bended(149)	0	0	0	0	0	0	0
left_bended(150)	0	0	0	0	0	0	0
left_bended(151)	0	0	0	0	0	0	0
left_bended(152)	0	0	0	0	0	0	0
left_bended(153)	0	0	0	0	0	0	0
left_bended(154)	0	0	0	0	0	0	0
left_bended(155)	0	0	0	0	0	0	0
left_bended(156)	0	0	0	0	0	0	0
left_bended(157)	0	0	0	0	0	0	0
left_bended(158)	0	0	0	0	0	1	0
left_bended(159)	0	0	0	0	0	1	0
left_bended(160)	0	1	0	0	0	1	0
left_bended(161)	0	0	0	0	0	0	0
left_bended(162)	0	0	0	0	0	0	0
left_bended(163)	0	0	0	0	0	0	0
left_bended(164)	0	0	0	0	0	0	0
left_bended(165)	0	0	0	0	0	0	0
left_bended(166)	0	0	0	0	0	0	0
left_bended(167)	0	0	0	0	0	0	0
left_bended(168)	0	0	0	0	0	0	0
left_bended(169)	0	0	0	0	0	0	0
left_bended(170)	0	0	0	0	0	0	0
left_bended(171)	0	0	0	0	0	0	0
left_bended(172)	0	0	0	0	0	0	0
left_bended(173)	0	1	0	0	0	0	0
left_bended(174)	0	0	0	0	0	0	0
left_bended(175)	0	0	0	0	0	1	0
left_bended(176)	0	0	0	0	0	0	0
left_bended(177)	0	0	0	0	0	0	0
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left_bended(180)	0	0	0	0	0	0	0
left_bended(181)	0	0	0	0	0	0	0
left_bended(182)	0	0	0	0	0	0	0
left_bended(183)	0	0	0	0	1	0	0
left_bended(184)	0	0	0	0	1	0	0
left_bended(185)	0	0	0	0	0	0	0
left_bended(186)	0	0	0	0	0	0	0
left_bended(187)	0	0	0	0	0	0	0
left_bended(188)	0	0	0	0	0	0	0
left_bended(189)	0	0	0	0	0	0	0
left_bended(190)	0	0	0	0	0	0	0
left_bended(191)	0	0	0	0	0	0	0
left_bended(192)	0	0	0	0	0	0	0
left_bended(193)	0	0	0	0	0	0	0
left_bended(194)	0	0	0	0	0	0	0
left_bended(195)	0	0	0	0	0	1	0
left_bended(196)	0	0	0	0	0	1	0
left_bended(197)	0	0	0	0	0	1	0
left_bended(198)	0	0	0	0	0	1	0

left_bended(199)	0	0	0	0	0	1	0
left_bended(200)	0	0	0	0	0	1	0
left_bended(201)	0	0	0	0	0	0	0
left_bended(202)	0	0	0	0	0	0	0
left_bended(203)	0	0	0	0	0	0	0
left_bended(204)	0	0	0	0	0	0	0
left_bended(205)	0	0	0	0	0	0	0
left_bended(206)	0	0	0	0	0	0	0
left_bended(207)	0	0	0	0	0	0	0
left_bended(208)	0	0	0	0	0	0	0
left_bended(209)	0	0	0	0	0	0	0
left_bended(210)	0	0	0	0	0	0	0
left_bended(211)	0	0	0	0	0	0	0
left_bended(212)	0	0	0	0	0	0	0
left_bended(213)	1	0	0	0	0	0	0
left_bended(214)	0	0	0	1	0	0	0
left_bended(215)	0	0	0	1	0	0	0
left_bended(216)	0	0	0	0	0	0	0
left_bended(217)	0	0	0	0	0	0	0
left_bended(218)	0	0	0	0	0	0	0
left_bended(219)	0	0	0	0	0	0	0
left_bended(220)	0	0	0	0	0	0	0
left_bended(221)	0	0	0	0	0	0	0
left_bended(222)	0	0	0	0	0	0	0
left_bended(223)	0	0	0	0	0	0	0
left_bended(224)	0	0	0	0	0	0	0
left_bended(225)	0	0	0	0	0	0	0
left_bended(226)	1	0	0	0	0	0	0
left_bended(227)	1	0	0	0	0	0	0
left_bended(228)	1	0	0	0	0	0	0
left_bended(229)	0	0	0	0	0	0	0
left_bended(230)	0	0	0	0	0	0	0
left_bended(231)	0	0	0	0	0	0	0
left_bended(232)	0	0	0	0	0	0	0
left_bended(233)	1	0	0	0	0	0	0
left_bended(234)	1	1	0	0	0	0	0
left_bended(235)	1	1	0	0	0	0	0
left_bended(236)	1	1	0	0	0	0	0
left_bended(237)	1	1	0	0	0	0	0
left_bended(238)	1	1	0		0	0	0
left_bended(239)	1	1	0		0	0	0
left_bended(240)	1	0	0		0	0	0
left_bended(241)	1	1	0	0	0	0	0
left_bended(242)	0	1	0	1	0	0	0
left_bended(243)	0		0	1		0	0
left_bended(244)	0		0	1		0	0
left_bended(245)	1		0	1		0	0
left_bended(246)	1		0	0		0	0
left_bended(247)	1		0	0		0	0
left_bended(248)	0		0	0		0	0

left_bended(249)	0	0	0	0	0	0
left_bended(250)	0	0	1	0	0	0
left_bended(251)	0	0	1	0	0	0
left_bended(252)	0	0	1	0	0	0
left_bended(253)	1	0	1	0	0	0
left_bended(254)	0	0	0	1	0	0
left_bended(255)	0	0	0	0	0	0
left_bended(256)	0	0	0	0	0	0
left_bended(257)	0	0	0	0	0	0
left_bended(258)	0	1	0	0	0	1
left_bended(259)	0	1	0	0	0	1
left_bended(260)	0	0	0	0	0	0
left_bended(261)	0	0	0	0	0	0
left_bended(262)	0	0	0	0	0	0
left_bended(263)	0	0	0	0	0	0
left_bended(264)	0	0	0	0	0	0
left_bended(265)	0	0	0	0	0	0
left_bended(266)	0	0	0	0	0	0
left_bended(267)	0	0	0	0	0	0
left_bended(268)	0	0	0	0	0	0
left_bended(269)	0	0	0	0	0	0
left_bended(270)	0	0	0	0	0	0
left_bended(271)	0	0	0	0	0	0
left_bended(272)	0	0	0	0	0	0
left_bended(273)	0	0	0	0	0	0
left_bended(274)	0	0	0	0	0	0
left_bended(275)	0	0	0	0	0	1
left_bended(276)	0	0	0	0	0	0
left_bended(277)	0	0	0	0	0	0
left_bended(278)	0	0	0	0	0	0
left_bended(279)	0	0	0	0	0	0
left_bended(280)	0	0	0	0	0	0
left_bended(281)	0	0	0	0	0	0
left_bended(282)	0	0	0	0	0	0
left_bended(283)	0	0	0	0	0	0
left_bended(284)	0	0	0	0	0	1
left_bended(285)	0	0	1	0	0	1
left_bended(286)	0	0	0	0	0	1
left_bended(287)	0	0	0	0	0	1
left_bended(288)	0	0	0	0	0	1
left_bended(289)	0	0	0	0	0	0
left_bended(290)	0	0	0	0	0	0
left_bended(291)	0	0	0	0	0	0
left_bended(292)	0	0	0	0	0	0
left_bended(293)	0	0	0	0	0	0
left_bended(294)	0	0	0	0	0	0
left_bended(295)	0	0	0	0	0	0
left_bended(296)	0	0	0	0	1	0
left_bended(297)	1	0	0	0	0	0
left_bended(298)	1	0	0	0	0	0

left_bended(299)	0	0	0	0	0	0	0
left_bended(300)	0	0	0	0	0	0	0
left_bended(301)	0	0	0	0	0	0	0
left_bended(302)	0	0	0	0	0	0	0
left_bended(303)	0	0	0	0	0	0	0
left_bended(304)	0	0	0	0	0	0	0
left_bended(305)	0	0	0	0	0	0	0
left_bended(306)	0	0	1	0	0	0	0
left_bended(307)	0	0	1	0	0	0	0
left_bended(308)	0	0	1	0	0	0	0
left_bended(309)	0	0	1	0	0	0	0
left_bended(310)	0	0	0	0	1	0	0
left_bended(311)	0	0	0	0	1	0	0
left_bended(312)	0	0	0	0	1	0	1
left_bended(313)	0	0	0	0	0	0	0
left_bended(314)	0	0	0	0	0	0	0
left_bended(315)	0	0	0	0	0	0	0
left_bended(316)	0	0	0	0	0	0	0
left_bended(317)	0	0	0	0	0	0	1
left_bended(318)	0	0	0	0	0	0	1
left_bended(319)	0	0	0	0	0	0	1
left_bended(320)	0	0	0	0	0	0	1
left_bended(321)	0	0	0	0	0	0	0
left_bended(322)	0	0	0	0	0	0	0
left_bended(323)	0	0	0	0	0	0	0
left_bended(324)	0	0	0	0	0	0	0
left_bended(325)	0	0	0	0	0	0	0
left_bended(326)	0	0	0	0	0	0	0
left_bended(327)	0	0	0	0	0	0	0
left_bended(328)	0	0	0	0	0	0	0
left_bended(329)	0	0	0	0	0	0	0
left_bended(330)	0	0	0	0	0	0	0
left_bended(331)	0	0	0	0	0	0	0
left_bended(332)	0	0	0	0	0	0	0
left_bended(333)	0	0	0	0	0	0	0
left_bended(334)	0	0	0	0	0	0	0
left_bended(335)	0	0	0	0	0	0	0
left_bended(336)	0	0	0	0	0	0	0
left_bended(337)	1	0	0	0	0	0	0
left_bended(338)	1	0	0	0	0	0	0
left_bended(339)	1	0	0	0	0	0	0
left_bended(340)	1	0	0	0	0	0	0
left_bended(341)	1	0	0	0	0	0	0
left_bended(342)	1	0	0	0	0	0	0
left_bended(343)	1	0	0	0	0	0	0
left_bended(344)	1	0	0	0	0	0	0
left_bended(345)	1	0	0	0	0	0	0
left_bended(346)	1	0	0	0	0	0	0
left_bended(347)	1	0	0	0	0	0	0
left_bended(348)	1	0	1	0	0	0	0

left_bended(349)	1	0	1	0	0	0	0
left_bended(350)	0	0	0	0	0	0	0
left_bended(351)	1	0	0	0	0	0	0
left_bended(352)	1	0	0	0	0	0	0
left_bended(353)	0	0	0	0	0	0	0
left_bended(354)	0	0	0	0	0	0	0
left_bended(355)	1	0	0	0	0	0	0
left_bended(356)	1	0	0	0	0	0	0
left_bended(357)	0	0	0	0	0	0	0
left_bended(358)	1	0	0	0	0	0	0
left_bended(359)	1	0	0	0	0	0	0
right_bended(0)	0	0	0	0	0	1	0
right_bended(1)	0	0	0	0	0	0	0
right_bended(2)	0	0	0	0	0	1	0
right_bended(3)	0	0	0	0	0	0	0
right_bended(4)	0	0	0	0	0	0	0
right_bended(5)	0	0	0	0	1	0	0
right_bended(6)	0	0	0	0	1	0	0
right_bended(7)	0	0	0	0	0	0	0
right_bended(8)	0	0	0	0	1	0	0
right_bended(9)	0	0	0	0	0	0	0
right_bended(10)	0	0	0	0	0	0	0
right_bended(11)	0	0	0	0	1	0	0
right_bended(12)	0	0	0	0	0	0	0
right_bended(13)	1	0	0	0	0	0	0
right_bended(14)	1	0	1	0	1	0	0
right_bended(15)	1	0	1	0	0	0	0
right_bended(16)	1	0	1	0	0	0	0
right_bended(17)	1	0	0	0	0	0	0
right_bended(18)	1	0	0	1	1	0	0
right_bended(19)	1	0	0	1	0	0	0
right_bended(20)	1	0	0	1	1	0	0
right_bended(21)	1	0	1	1	1	0	0
right_bended(22)	1	0	1	1	1	0	0
right_bended(23)	1	0	0	0	1	0	0
right_bended(24)	0	0	0	1	1	0	0
right_bended(25)	0	0	0	0	0	0	0
right_bended(26)	0	0	0	1	1	0	0
right_bended(27)	0	0	0	1	1	0	0
right_bended(28)	0	0	0	0	0	0	0
right_bended(29)	0	0	0	0	0	1	0
right_bended(30)	0	0	0	0	0	1	0
right_bended(31)	0	0	0	0	0	1	0
right_bended(32)	0	0	0	0	0	1	0
right_bended(33)	0	0	0	0	0	1	0
right_bended(34)	0	0	0	0	0	1	0
right_bended(35)	0	0	0	0	0	1	0
right_bended(36)	0	1	0	0	0	1	0
right_bended(37)	0	1	0	0	0	1	0
right_bended(38)	0	0	0	0	0	1	0

right_bended(39)	0	0	0	0	0	1	0
right_bended(40)	0	0	0	0	0	0	0
right_bended(41)	0	0	0	0	0	0	0
right_bended(42)	0	1	0	0	0	0	1
right_bended(43)	0	1	0	0	0	0	1
right_bended(44)	0	0	0	0	0	0	1
right_bended(45)	0	1	0	0	0	0	1
right_bended(46)	0	1	0	0	0	0	1
right_bended(47)	0	0	0	0	0	0	1
right_bended(48)	0	0	0	0	0	0	1
right_bended(49)	0	1	0	0	0	0	1
right_bended(50)	0	0	0	0	0	0	1
right_bended(51)	0	1	0	0	0	0	1
right_bended(52)	0	1	0	0	0	0	1
right_bended(53)	0	1	0	0	0	0	1
right_bended(54)	0	1	0	0	0	0	1
right_bended(55)	0	0	0	0	0	0	0
right_bended(56)	0	0	0	0	0	0	0
right_bended(57)	0	0	0	1	0	0	0
right_bended(58)	0	0	0	0	0	0	0
right_bended(59)	0	0	0	0	0	0	0
right_bended(60)	0	0	0	0	0	0	0
right_bended(61)	0	0	0	0	0	0	0
right_bended(62)	0	0	0	0	0	0	0
right_bended(63)	0	0	0	0	0	0	0
right_bended(64)	0	0	0	0	0	0	0
right_bended(65)	0	0	0	0	1	0	0
right_bended(66)	0	0	0	0	1	0	0
right_bended(67)	0	0	0	0	1	0	0
right_bended(68)	0	0	0	0	1	0	0
right_bended(69)	0	0	0	0	1	0	0
right_bended(70)	0	0	0	0	1	0	0
right_bended(71)	0	0	0	0	0	0	0
right_bended(72)	0	0	0	1	0	0	0
right_bended(73)	0	0	0	1	0	0	0
right_bended(74)	0	0	0	0	0	0	0
right_bended(75)	0	0	0	1	0	0	0
right_bended(76)	0	0	0	0	0	0	0
right_bended(77)	0	0	0	0	0	0	0
right_bended(78)	0	0	0	0	0	0	0
right_bended(79)	0	0	0	0	0	0	0
right_bended(80)	0	0	0	0	0	0	0
right_bended(81)	0	0	0	0	0	0	0
right_bended(82)	0	0	0	0	0	0	0
right_bended(83)	0	0	0	0	0	0	0
right_bended(84)	0	0	0	0	0	0	0
right_bended(85)	0	0	0	0	0	0	0
right_bended(86)	0	0	0	0	0	0	0
right_bended(87)	0	0	0	0	0	0	0
right_bended(88)	0	0	0	0	0	0	0

right_bended(89)	0	0	0	0	0	0	0
right_bended(90)	0	0	0	0	0	0	0
right_bended(91)	0	0	0	0	0	0	1
right_bended(92)	0	0	0	0	0	0	1
right_bended(93)	0	0	0	0	0	0	1
right_bended(94)	0	0	0	0	0	0	0
right_bended(95)	0	0	0	0			0
right_bended(96)	0	0	0	0			1
right_bended(97)	0	0	0	0			0
right_bended(98)	0	0	0	0			0
right_bended(99)	0	0	0	0			0
right_bended(100)	1	0	0	0			0
right_bended(101)	0	0	0	0			0
right_bended(102)	0	0	0	0			0
right_bended(103)	1	0	0	0	0	0	0
right_bended(104)	1	0	0	0	0	0	0
right_bended(105)	0	0	0	0	0	0	1
right_bended(106)	0	0	0	0	0	0	1
right_bended(107)	0	0	0	0	0	0	1
right_bended(108)	0	0	0	0	0	0	1
right_bended(109)	0	0	0	0	0	0	1
right_bended(110)	0	0	0	0	0	0	0
right_bended(111)	0	0	1	0	0	1	0
right_bended(112)	0	0	1	0	0	0	0
right_bended(113)	0	0	1	0	0	0	0
right_bended(114)	0	0	0	0	0	0	0
right_bended(115)	0	0	0	0	0	0	0
right_bended(116)	0	0	0	1	0	0	0
right_bended(117)	0	0	0	0	0	0	0
right_bended(118)	0	0	0	0	0	0	0
right_bended(119)	0	0	0	0	0	0	0
right_bended(120)	0	0	0	0	0	0	0
right_bended(121)	0	0	0	0	0	0	0
right_bended(122)	0	0	0	0	0	0	0
right_bended(123)	0	0	0	0	0	0	0
right_bended(124)	0	0	0	0	0	0	0
right_bended(125)	0	0	0	0	0	0	0
right_bended(126)	0	1	0	0	0	0	0
right_bended(127)	0	1	0	0	0	0	0
right_bended(128)	0	1	0	0	0	0	0
right_bended(129)	0	1	0	0	0	1	0
right_bended(130)	0	1	0	0	0	1	0
right_bended(131)	0	0	0	0	0	1	0
right_bended(132)	0	0	0	0	0	1	0
right_bended(133)	0	0	0	0	0	1	0
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right_bended(135)	0	0	0	0	0	1	0
right_bended(136)	0	0	0	0	0	1	0
right_bended(137)	0	0	0	0	0	1	0
right_bended(138)	0	0	0	0	0	1	0

right_bended(139)	0	0	0	1	0	1	0
right_bended(140)	0	0	0	0	0	1	0
right_bended(141)	0	0	0	0	0	0	0
right_bended(142)	0	0	0	0	0	1	0
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right_bended(147)	0	0	0	0	0	0	1
right_bended(148)	0	0	0	0	0	0	1
right_bended(149)	0	0	0	0	0	0	1
right_bended(150)	0	0	0	0	0	0	1
right_bended(151)	0	0	0	0	0	0	1
right_bended(152)	0	0	0	0	0	0	1
right_bended(153)	0	0	0	0	0	0	1
right_bended(154)	0	0	0	0	0	0	0
right_bended(155)	0	0	0	0	0	0	0
right_bended(156)	0	0	0	0	0	0	0
right_bended(157)	0	0	0	0	0	0	1
right_bended(158)	0	0	0	0	0	0	0
right_bended(159)	0	0	0	0	0	0	0
right_bended(160)	0	0	0	0	0	0	0
right_bended(161)	0	0	0	0	0	0	1
right_bended(162)	0	0	0	0	0	0	0
right_bended(163)	0	0	0	0	0	0	0
right_bended(164)	0	0	0	0	0	0	0
right_bended(165)	0	0	0	0	0	0	0
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right_bended(168)	0	0	0	0	0	0	0
right_bended(169)	0	0	0	0	0	0	0
right_bended(170)	0	0	0	1	0	0	0
right_bended(171)	0	0	0	0	1	0	0
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right_bended(181)	1	0	0	0	0	0	0
right_bended(182)	1	0	0	0	0	0	0
right_bended(183)	1	0	0	0	0	0	0
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right_bended(185)	1	0	0	0	0	0	0
right_bended(186)	1	0	0	0	1	0	0
right_bended(187)	0	0	0	0	1	0	0
right_bended(188)	1	0	0	0	1	0	0

right_bended(189)	0	0	0	1	1		0
right_bended(190)	1	0	0	1	1		0
right_bended(191)	0	0	0	1	0	0	0
right_bended(192)	0	0	0	1	0	0	0
right_bended(193)	0	0	0	1	0	0	0
right_bended(194)	0	0	0	1	0	0	0
right_bended(195)	0	0	0	1	0	0	0
right_bended(196)	0	0	0	0	0	0	0
right_bended(197)	0	0	0	0	0	0	0
right_bended(198)	0	0	0	0	0	0	0
right_bended(199)	0	0	0	0	0	0	0
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right_bended(202)	0	0	0	0	0	1	0
right_bended(203)	0	0	0	0	0	1	0
right_bended(204)	0	0	0	0	0	1	0
right_bended(205)	0	0	0	0	0	1	0
right_bended(206)	0	0	0	0	0	1	0
right_bended(207)	0	0	0	0	0	1	0
right_bended(208)	0	0	0	0	0	1	0
right_bended(209)	0	0	0	0	0	0	0
right_bended(210)	0	0	0	0	0	1	0
right_bended(211)	0	0	0	0	0	1	0
right_bended(212)	0	0	0	0	0	0	0
right_bended(213)	0	0	0	0	0	1	0
right_bended(214)	0	0	0	0	0	0	0
right_bended(215)	0	0	0	0	0	0	0
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right_bended(220)	0	0	0	0	0	0	0
right_bended(221)	0	0	0	0	0	0	0
right_bended(222)	0	0	0	0	0	0	0
right_bended(223)	0	0	0	0	0	0	0
right_bended(224)	0	0	0	0	0	0	0
right_bended(225)	0	0	0	0	0	0	0
right_bended(226)	0	0	0	0	0	0	0
right_bended(227)	0	0	0	0	0	0	0
right_bended(228)	0	0	0	0	0	0	0
right_bended(229)	0	0	0	0	0	0	0
right_bended(230)	0	0	0	0	0	0	0
right_bended(231)	0	0	0	0	0	0	0
right_bended(232)	0	0	0	0	0	0	0
right_bended(233)	0	0	0	0	0	0	0
right_bended(234)	0	0	0	0	0	0	0
right_bended(235)	0	0	0	0	0	0	0
right_bended(236)	0	0	0	0	0	0	0
right_bended(237)	0	0	0	0	0	0	0
right_bended(238)	0	0	0		0	0	0

right_bended(239)	0	0	0	0	0	0	0
right_bended(240)	0	0	0	0	0	0	0
right_bended(241)	0	0	0	0	0	0	0
right_bended(242)	0	0	0	0	0	0	0
right_bended(243)	0	0	0	0	0	0	0
right_bended(244)	0	0	0	0	0	0	0
right_bended(245)	0	0	0	0	0	0	0
right_bended(246)	0	0	0	0	0	0	0
right_bended(247)	0	0	0	1	0	0	0
right_bended(248)	0	0	0	1	0	0	0
right_bended(249)	0	0	0	1	0	0	0
right_bended(250)	0	0	0	0	0	0	0
right_bended(251)	0	0	0	0	0	0	0
right_bended(252)	0	0	0	0	0	0	0
right_bended(253)	0	0	0	0	0	0	0
right_bended(254)	0	0	0	0	0	0	0
right_bended(255)	0	0	0	0	0	0	1
right_bended(256)	0	0	0	0	0	0	1
right_bended(257)	0	0	0	0	0	0	1
right_bended(258)	0	0	0	0	0	0	0
right_bended(259)	0	0	0	0	0	0	0
right_bended(260)	0	0	0	0	0	0	0
right_bended(261)	0	0	0	0	0	0	0
right_bended(262)	0	0	0	0	0	0	0
right_bended(263)	0	0	0	0	0	0	0
right_bended(264)	0	0	0	0	0	0	0
right_bended(265)	0	0	0	0	0	0	0
right_bended(266)	0	0	0	0	0	0	0
right_bended(267)	0	0	0	0	0	0	0
right_bended(268)	0	0	0	0	0	0	0
right_bended(269)	0	0	0	0	0	0	0
right_bended(270)	0	0	0	0	0	0	0
right_bended(271)	0	0	0	0	0	0	0
right_bended(272)	0	0	0	0	0	0	0
right_bended(273)	0	0	0	0	0	0	0
right_bended(274)	0	0	0	0	0	0	0
right_bended(275)	0	0	0	0	0	0	0
right_bended(276)	0	0	0	0	0	0	0
right_bended(277)	0	0	0	0	0	0	0
right_bended(278)	0	0	0	0	0	0	1
right_bended(279)	0	0	1	0	0	0	1
right_bended(280)	0	0	1	0	0	0	0
right_bended(281)	0	0	1	0	0	0	0
right_bended(282)	0	0	1	0	0	0	0
right_bended(283)	0	0	1	0	0	0	0
right_bended(284)	0	0	1	0	0	0	0
right_bended(285)	0	0	0	0	0	0	0
right_bended(286)	0	0	0	0	0	0	0
right_bended(287)	0	0	0	0	0	0	0
right_bended(288)	0	0	0	0	0	0	0

right_bended(289)	0	0	0	0	0	0	0
right_bended(290)	0	0	0	0	0	0	0
right_bended(291)	0	0	0	0	0	0	0
right_bended(292)	0	0	0	0	0	0	0
right_bended(293)	0	0	0	0	0	0	0
right_bended(294)	0	0	0	0	0	0	0
right_bended(295)	0	0	0	0	0	0	0
right_bended(296)	0	0	0	0	0	0	0
right_bended(297)	0	0	0	0	0	0	0
right_bended(298)	0	0	0	0	0	0	0
right_bended(299)	0	0	0	0	0	0	0
right_bended(300)	0	0	0	0	0	0	0
right_bended(301)	0	0	0	0	0	0	0
right_bended(302)	0	0	0	0	0	0	0
right_bended(303)	0	0	1	0	0	0	0
right_bended(304)	0	0	1	0	1	0	0
right_bended(305)	0	0	1	0	1	0	0
right_bended(306)	0	0	0	0	1	0	0
right_bended(307)	0	0	0	0	1	0	1
right_bended(308)	0	0	0	0	1	0	1
right_bended(309)	0	0	0	0	1	0	0
right_bended(310)	0	0	0	0	0	0	1
right_bended(311)	0	0	0	0	0	0	1
right_bended(312)	0	0	0	0	0	0	0
right_bended(313)	0	0	0	0	0	0	0
right_bended(314)	0	0	0	0	1	0	0
right_bended(315)	0	0	0	0	0	0	0
right_bended(316)	0	0	0	0	0	0	0
right_bended(317)	0	0	0	0	1	0	0
right_bended(318)	0	0	0	0	1	0	0
right_bended(319)	0	0	0	0	1	0	0
right_bended(320)	0	0	0	0	1	0	0
right_bended(321)	0	0	0	0	1	0	0
right_bended(322)	0	0	0	0	1	0	0
right_bended(323)	0	0	0	0	1	0	0
right_bended(324)	0	0	0	0	0	0	0
right_bended(325)	0	0	0	0	1	0	0
right_bended(326)	0	0	0	0	0	0	0
right_bended(327)	0	0	0	0	0	0	0
right_bended(328)	0	0	0	0	0	0	1
right_bended(329)	0	0	0	0	0	0	1
right_bended(330)	0	0	0	0	0	0	1
right_bended(331)	0	0	0	0	0	0	1
right_bended(332)	1	0	0	0	0	0	0
right_bended(333)	0	0	0	0	0	0	0
right_bended(334)	0	0	0	0	0	0	1
right_bended(335)	1	0	0	0	0	0	1
right_bended(336)	0	0	0	0	0	0	1
right_bended(337)	0	0	0	0	0	0	1
right_bended(338)	0	0	0	1	0	0	1

right_bended(339)	0	0	0	1	0	0	1
right_bended(340)	0	0	0	0	0	0	0
right_bended(341)	0	0	0	0	0	0	0
right_bended(342)	0	0	0	0	0	0	1
right_bended(343)	0	0	0	0	0	0	0
right_bended(344)	0	0	0	0	0	0	0
right_bended(345)	0	0	0	0	0	0	0
right_bended(346)	0	0	0	0	0	0	0
right_bended(347)	0	0	0	0	0	0	0
right_bended(348)	0	0	0	0	0	0	0
right_bended(349)	0	0	0	0	0	0	0
right_bended(350)	0	0	0	0	0	0	0
right_bended(351)	0	0	0	0	0	0	0
right_bended(352)	0	0	1	0	0	1	0
right_bended(353)	0	0	1	0	0	0	0
right_bended(354)	0	0	1	0	0	0	0
right_bended(355)	0	0	1	0	0	0	0
right_bended(356)	0	0	1	0	0	0	0
right_bended(357)	0	0	1	0	0	0	0
right_bended(358)	0	0	1	0	0	0	0
right_bended(359)	0	0	1	0	0	0	0
mov_direction(0)							
mov_direction(1)	270	180	70.5288	180	90	180	180
mov_direction(2)	250.529	180	78.463	44.4153	180	143.13	180
mov_direction(3)	228.19	180	66.4218	180	180	146.443	180
mov_direction(4)	240	180	81.7868	180	180	120	180
mov_direction(5)	233.13	180	80.4059	53.1301	180	126.87	180
mov_direction(6)	180	180	90	60	180	180	180
mov_direction(7)	228.19	180	80.4059	48.1897	180	180	180
mov_direction(8)	250.529	180	75.5225	180	180	120	180
mov_direction(9)	240	180	90	48.1897	180	126.87	180
mov_direction(10)	250.529	180	99.5941	48.1897	180	120	180
mov_direction(11)	228.19	180	90	36.8699	180	131.81	180
mov_direction(12)		180	180	41.4096	180	113.578	270
mov_direction(13)	180	180	180	53.1301	180	126.87	180
mov_direction(14)	180	180	180	180	221.41	104.478	180
mov_direction(15)	180	180	126.87	66.4218	180	104.478	180
mov_direction(16)	306.87	180	143.13	180	180	90	180
mov_direction(17)	180	180	180		240	90	180
mov_direction(18)	180	180	180	180	180	180	180
mov_direction(19)	180	180	135.585	180	228.19	73.3985	180
mov_direction(20)	53.1301	180	180	180	228.19	180	180
mov_direction(21)	60	180	270	180	270	48.1897	180
mov_direction(22)	60	180	180	180	250.529	48.1897	180
mov_direction(23)	36.8699	180	180	180	284.478	180	180
mov_direction(24)	60	180	180	180	270	180	180
mov_direction(25)	60	180	180	180	318.59	180	180
mov_direction(26)	66.4218	180	180	180	270	240	180
mov_direction(27)							
mov_direction(28)	53.1301	60	208.955	180	180	180	180

mov_direction(29)	48.1897	60	208.955	180	270	180	180
mov_direction(30)	36.8699	180	180	180	293.578	180	180
mov_direction(31)	180	180	208.955	180	270	180	180
mov_direction(32)	78.463	138.59	180	180	311.81	233.13	180
mov_direction(33)	78.463	180	213.557	180	284.478	233.13	180
mov_direction(34)	90	250.529	180	216.87	180	233.13	270
mov_direction(35)	81.7868		211.003	180	90	228.19	180
mov_direction(36)	90	255.522	211.003	180	180	221.41	180
mov_direction(37)	90	180	208.955	180	180	216.87	60
mov_direction(38)	70.5288	180	216.87	180	250.529	180	90
mov_direction(39)	180	180	221.41	180	221.41	180	
mov_direction(40)	180	180	240	180	240	180	180
mov_direction(41)	64.6231	270	233.13	180	180	180	306.87
mov_direction(42)	48.1897	180	216.87	180	180	180	300
mov_direction(43)	44.4153		246.422	180	240	180	255.522
mov_direction(44)	60	90	255.522	180	228.19	180	270
mov_direction(45)	33.5573	48.1897	250.529	180	240	180	284.478
mov_direction(46)	36.8699	131.81	258.463	233.13	228.19	180	270
mov_direction(47)	180	90	260.406	180	255.522	180	70.5288
mov_direction(48)	180	120	270	228.19	233.13	180	180
mov_direction(49)	180	60	270	180	250.529	180	180
mov_direction(50)	180	180	270	216.87	246.422	180	180
mov_direction(51)	180	180	262.819	233.13	250.529	180	180
mov_direction(52)	180	180	255.522	216.87	240	180	180
mov_direction(53)	180	180	270	228.19	240	120	180
mov_direction(54)	180	180	270	240	250.529	131.81	180
mov_direction(55)	180	180	284.478	240	246.422	90	250.529
mov_direction(56)	180	180	228.19	279.594	240	120	250.529
mov_direction(57)	180	180	250.529	250.529	255.522	126.87	240
mov_direction(58)	180	180	255.522	270	240	126.87	180
mov_direction(59)	180	180	250.529	270	255.522	126.87	270
mov_direction(60)	180	180	246.422	284.478	255.522	180	270
mov_direction(61)	180	180	240	250.529	270	180	250.529
mov_direction(62)	180	180	233.13	250.529	270	126.87	228.19
mov_direction(63)	180	180	240	255.522	240	180	180
mov_direction(64)	180	180	233.13	246.422	120	138.59	246.422
mov_direction(65)	180	180	233.13	246.422	180	143.13	240
mov_direction(66)	180	180	246.422	250.529	180	143.13	240
mov_direction(67)	180	180	240	258.463	180	126.87	228.19
mov_direction(68)	180	180	246.422	270	180	180	250.529
mov_direction(69)	180	180	246.422	270	180	143.13	246.422
mov_direction(70)	180	180	240	284.478	180	180	240
mov_direction(71)	180	180	221.41	260.406	180	180	250.529
mov_direction(72)	60	180	233.13	306.87		180	233.13
mov_direction(73)	180	180	250.529	311.81	180	180	240
mov_direction(74)	36.8699	323.13	246.422	326.443	240	180	180
mov_direction(75)	180	180	240	326.443	228.19	180	120
mov_direction(76)	180	180	260.406	180	270	180	180
mov_direction(77)	180	180	240	180	255.522	138.59	180
mov_direction(78)	180	279.594	260.406	180	270	126.87	221.41

mov_direction(79)	41.4096	180	244.623	180	240	126.87	180
mov_direction(80)	180	270	246.422	180	289.471	120	180
mov_direction(81)	180	180	250.529	180	246.422	104.478	180
mov_direction(82)	180	281.537	244.623	180	270	109.471	180
mov_direction(83)	180	255.522	244.623	180	270	90	180
mov_direction(84)	180	240	240	180	270	101.537	180
mov_direction(85)	180	250.529	247.976	180	270	75.5225	180
mov_direction(86)	180	240	250.529	180	270	70.5288	180
mov_direction(87)	180	281.537	250.529	180	250.529	41.4096	180
mov_direction(88)	31.0027	216.87	240	180	270	44.4153	180
mov_direction(89)	180	228.19	247.976	180	270	180	90
mov_direction(90)	36.8699	240	240	180	270	180	
mov_direction(91)	53.1301	228.19	246.422	180	289.471	180	180
mov_direction(92)	48.1897	255.522	233.13	180	284.478	180	300
mov_direction(93)	53.1301	213.557	260.406	180	270	180	311.81
mov_direction(94)	180	180	253.398	180	284.478	180	281.537
mov_direction(95)		228.19	240	180			300
mov_direction(96)	300	180	240	180			90
mov_direction(97)	300	180	233.13	180			180
mov_direction(98)	70.5288	235.15	233.13	180			78.463
mov_direction(99)	180	180	224.415	180			90
mov_direction(100)	180	180	233.13	180			180
mov_direction(101)	221.41	216.87	235.15	180			138.59
mov_direction(102)	270	180	235.15	180			126.87
mov_direction(103)	180	180	228.19	180			180
mov_direction(104)	180	216.87	240	31.0027	323.13	289.471	300
mov_direction(105)	289.471	180	253.398	180	180	270	180
mov_direction(106)		180	250.529	180	300	270	293.578
mov_direction(107)	270	221.41	228.19	180	323.13	270	306.87
mov_direction(108)	311.81	180	180	180	180	180	300
mov_direction(109)	284.478	180	180	180	323.13	270	284.478
mov_direction(110)	289.471	180	90	180	180	293.578	281.537
mov_direction(111)	284.478	180	180	180	180	180	284.478
mov_direction(112)	300	138.59	270	180	180	180	281.537
mov_direction(113)	289.471	180	284.478	180	180	180	284.478
mov_direction(114)	306.87	180	281.537	180	180	180	281.537
mov_direction(115)	284.478	143.13	277.181	36.8699	180	180	270
mov_direction(116)	281.537		300	41.4096	180	180	278.213
mov_direction(117)	293.578	180	300	75.5225	180	180	300
mov_direction(118)	281.537	180	304.85	53.1301	180	180	284.478
mov_direction(119)	270	270	304.85	66.4218	180	180	270
mov_direction(120)	289.471	180	323.13	66.4218	180	180	270
mov_direction(121)	270	180	315.585	66.4218	180	180	289.471
mov_direction(122)	289.471	311.81	323.13	53.1301	180	180	180
mov_direction(123)	289.471	180	180	90	180	180	180
mov_direction(124)	270	180	328.997	90	180	180	143.13
mov_direction(125)	284.478	180	180	75.5225	180	180	180
mov_direction(126)	279.594	180	180	101.537	180	180	180
mov_direction(127)	240	180	180	90	180	240	180
mov_direction(128)	270	180	180	90	180	180	180

mov_direction(129)	270	180	180	78.463	180	126.87	41.4096
mov_direction(130)	240	180	180	90	180	109.471	66.4218
mov_direction(131)	258.463	180	180	90	180	120	90
mov_direction(132)	255.522	180	180	90	180	126.87	75.5225
mov_direction(133)	270	180	180	101.537	180	180	80.4059
mov_direction(134)	260.406	180	180	104.478	180	143.13	75.5225
mov_direction(135)	240	180	180	101.537	180	180	66.4218
mov_direction(136)	260.406	180	180	104.478	180	180	66.4218
mov_direction(137)	250.529	180	180	99.5941	180	180	60
mov_direction(138)	250.529	180	180	120	180	180	53.1301
mov_direction(139)	240	180	180	131.81	180	180	60
mov_direction(140)	250.529	180	180	131.81	180	180	48.1897
mov_direction(141)	255.522	180	180	126.87	180	180	48.1897
mov_direction(142)	180	180	180	180	180	180	41.4096
mov_direction(143)	255.522	48.1897	180	135.585	60	180	53.1301
mov_direction(144)	233.13	53.1301	180	120	48.1897	180	180
mov_direction(145)	240	180	180	131.81	60	180	180
mov_direction(146)	261.787	180	180	104.478	75.5225	180	
mov_direction(147)	180	78.463	180	120	90	180	180
mov_direction(148)	253.398	60	180	120	60	180	138.59
mov_direction(149)	240	66.4218	180	90	60	180	143.13
mov_direction(150)	240	180	180	131.81	90	138.59	143.13
mov_direction(151)	221.41	90	180	120	78.463	180	143.13
mov_direction(152)	240	180	180	104.478	78.463	131.81	180
mov_direction(153)	216.87	53.1301	180	90	90	131.81	143.13
mov_direction(154)	228.19	60	180	90	90	113.578	143.13
mov_direction(155)	216.87	90	180	81.7868	90	90	180
mov_direction(156)	180	36.8699	180	90	90	99.5941	180
mov_direction(157)	213.557	48.1897	180	66.4218	131.81	75.5225	180
mov_direction(158)	180	180	180	80.4059	90	78.463	180
mov_direction(159)	221.41	60	180	75.5225	131.81	53.1301	180
mov_direction(160)	221.41	31.0027	180	80.4059	101.537	60	180
mov_direction(161)	180	180	180	75.5225	138.59	53.1301	180
mov_direction(162)	216.87	180	180	90	104.478	36.8699	180
mov_direction(163)	180	36.8699	180	75.5225	131.81	60	180
mov_direction(164)	180	180	36.8699	90	131.81	48.1897	180
mov_direction(165)	180	180	33.5573	78.463	138.59	60	180
mov_direction(166)	216.87	180	36.8699	90	180	60	180
mov_direction(167)	180	180	180	90	180	53.1301	180
mov_direction(168)	270	180	180	104.478	180	70.5288	180
mov_direction(169)	213.557	180	180	120	180	180	180
mov_direction(170)	240	180	180	138.59	180	33.5573	180
mov_direction(171)	216.87	180	180	126.87	180	41.4096	180
mov_direction(172)	180	180	180	180	180	53.1301	180
mov_direction(173)	240	180	180	180	180	180	180
mov_direction(174)	233.13	180	180	180	180	180	180
mov_direction(175)	221.41	180	180	180	180	180	180
mov_direction(176)	233.13	180	180	180	180	180	180
mov_direction(177)	240	180	180	180	180	180	180
mov_direction(178)	270	180	180	180	180	180	180

mov_direction(179)	180	33.5573	180	180	180	180	180
mov_direction(180)	180	180	180	180	180	180	180
mov_direction(181)	180	180	180	180	180	180	180
mov_direction(182)	180	180	180	180	180	270	180
mov_direction(183)	318.59	180	180	180	180	60	180
mov_direction(184)	323.13	180	180	180	180		180
mov_direction(185)	323.13	180	180	180	240	180	180
mov_direction(186)	180	180	180	180	180	270	180
mov_direction(187)	180	180	180	180	180	270	180
mov_direction(188)	180	180	180	180	180	180	180
mov_direction(189)	180	180	180	180	180	180	180
mov_direction(190)	180	180	180	180	180	90	180
mov_direction(191)	180	180	180	318.59	120		180
mov_direction(192)	180	180	180	180	180	180	180
mov_direction(193)	180	41.4096	180	311.81	180		180
mov_direction(194)	180	180	180	315.585	180	180	216.87
mov_direction(195)	180	180	180	180	180	120	216.87
mov_direction(196)	180	180	36.8699	180	180	180	228.19
mov_direction(197)	180	180	53.1301	326.443	180	143.13	216.87
mov_direction(198)	180	180	36.8699	180	180	180	221.41
mov_direction(199)	180	180	60	180	180	180	224.415
mov_direction(200)	180	180	55.1501	180	180	180	180
mov_direction(201)	180	180	48.1897	180	180	180	224.415
mov_direction(202)	180	180	53.1301	180	180	180	221.41
mov_direction(203)	180	180	53.1301	180	180	180	224.415
mov_direction(204)	180	180	60	180	180	180	221.41
mov_direction(205)	180	36.8699	53.1301	180	180	180	228.19
mov_direction(206)	180	180	60	180	180	180	180
mov_direction(207)	180	180	80.4059	180	180	180	216.87
mov_direction(208)	180	180	73.3985	180	180	180	180
mov_direction(209)	180	180	78.463	180	180	180	216.87
mov_direction(210)	323.13	180	81.7868	180	180	180	233.13
mov_direction(211)	284.478	180	82.8192	180	180	180	228.19
mov_direction(212)	300	180	90	180	180	180	235.15
mov_direction(213)	306.87	180	90	180	180	180	180
mov_direction(214)	270	180	109.471	180	180	180	228.19
mov_direction(215)	284.478	180	101.537		180	180	233.13
mov_direction(216)	270	180	106.602	180	180	180	180
mov_direction(217)	180	180	113.578	90	180	180	216.87
mov_direction(218)	270	180	124.85	109.471	180	180	228.19
mov_direction(219)	289.471	180	120	101.537	180	180	228.19
mov_direction(220)	270	180	120	75.5225	180	180	228.19
mov_direction(221)	270	180	120	90	180	180	233.13
mov_direction(222)	270	180	120	90	180	180	228.19
mov_direction(223)	281.537	180	109.471	90	180	180	235.15
mov_direction(224)	228.19	180	126.87	109.471	180	138.59	228.19
mov_direction(225)	180	180	120	104.478	180	180	240
mov_direction(226)	246.422	180	120	120	180	143.13	270
mov_direction(227)	180	180	143.13	180	180	180	270
mov_direction(228)	240	180	135.585	120	180	180	250.529

mov_direction(229)	180	180	143.13	120	180	143.13	255.522
mov_direction(230)	180	180	135.585	120	180	180	270
mov_direction(231)	300	180	143.13	113.578	180	143.13	270
mov_direction(232)	90	180	143.13	109.471	180	138.59	270
mov_direction(233)	90	250.529	135.585	138.59	180	180	270
mov_direction(234)	180	240	143.13	131.81	180	126.87	261.787
mov_direction(235)	180	180	146.443	120	180	120	270
mov_direction(236)	180	180	143.13	143.13	180	180	279.594
mov_direction(237)	180	180	143.13	180	180	126.87	270
mov_direction(238)	180	180	146.443		180	120	281.537
mov_direction(239)	143.13	180	135.585		180	90	284.478
mov_direction(240)	180	180	148.997		180	120	311.81
mov_direction(241)	143.13	180	180		180	120	293.578
mov_direction(242)	126.87	180	180	240	180	101.537	300
mov_direction(243)	131.81		180	240		99.5941	306.87
mov_direction(244)	124.85		180	180		90	300
mov_direction(245)	109.471		180	180		99.5941	311.81
mov_direction(246)	98.2132		180	36.8699		90	306.87
mov_direction(247)	109.471		180	180		90	323.13
mov_direction(248)	90		180	180		99.5941	306.87
mov_direction(249)	90		180	180		90	323.13
mov_direction(250)	70.5288		180	180		99.5941	318.59
mov_direction(251)	60		180	180		109.471	180
mov_direction(252)	75.5225		180	180		180	180
mov_direction(253)	48.1897		180	180		60	180
mov_direction(254)	75.5225		180	180		60	180
mov_direction(255)	66.4218		180	180		75.5225	90
mov_direction(256)	60		180	180		41.4096	90
mov_direction(257)	66.4218		180	180		60	180
mov_direction(258)	180		180	180	180	60	180
mov_direction(259)	70.5288	240	180	180	180	53.1301	270
mov_direction(260)	48.1897	180	180	180	180	53.1301	284.478
mov_direction(261)	53.1301	180	180	180	180	180	293.578
mov_direction(262)	48.1897	228.19	180	180	180	53.1301	284.478
mov_direction(263)	53.1301	240	180	180	216.87	53.1301	306.87
mov_direction(264)	60	240	180	180	180	60	311.81
mov_direction(265)	53.1301	180	180	41.4096	216.87	48.1897	300
mov_direction(266)	48.1897	240	180	180	180	48.1897	300
mov_direction(267)	180	270	180	36.8699	216.87	180	300
mov_direction(268)	41.4096	240	180	36.8699	180	36.8699	300
mov_direction(269)	180	250.529	180	180	180	180	311.81
mov_direction(270)	180	180	180	180	180	180	289.471
mov_direction(271)	180	250.529	180	180	216.87	180	311.81
mov_direction(272)	180	250.529	180	41.4096	228.19	180	306.87
mov_direction(273)	180	180	180	41.4096	180	180	270
mov_direction(274)	180	270	211.003	41.4096	233.13	180	180
mov_direction(275)	180	180	211.003	41.4096	228.19	180	180
mov_direction(276)	180	270	224.415	41.4096	221.41	48.1897	180
mov_direction(277)	180	180	233.13	48.1897	228.19	180	90
mov_direction(278)	180	228.19	180	36.8699	180	36.8699	60

mov_direction(279)	180	250.529	138.59	48.1897	233.13	36.8699	180
mov_direction(280)	180	180	90	53.1301	180	180	180
mov_direction(281)	180	240	60	41.4096	221.41	33.5573	
mov_direction(282)	180	240	78.463	48.1897	221.41	180	180
mov_direction(283)	180	270	53.1301	41.4096	216.87	180	180
mov_direction(284)	180	240	36.8699	48.1897	180	180	180
mov_direction(285)	180	240	180	60	216.87	180	180
mov_direction(286)	180	250.529	53.1301	75.5225	180	41.4096	180
mov_direction(287)	180	270	53.1301	60	228.19	180	180
mov_direction(288)	180	180	53.1301	70.5288	213.557	180	180
mov_direction(289)	180	250.529	36.8699	60	180	180	180
mov_direction(290)	180	180	36.8699	48.1897	180	180	180
mov_direction(291)	180	270	33.5573	66.4218	180	180	180
mov_direction(292)	180	260.406	180	60	233.13	180	180
mov_direction(293)	180	240	36.8699	75.5225	216.87	180	180
mov_direction(294)	180	270	33.5573	78.463	228.19	180	180
mov_direction(295)	180	260.406	41.4096	90	216.87	180	180
mov_direction(296)	180	180	36.8699	90	180	180	180
mov_direction(297)	318.59	240	41.4096	98.2132	180	180	180
mov_direction(298)	180	255.522	55.1501	109.471	180	180	180
mov_direction(299)	326.443	240	53.1301	109.471	180	180	180
mov_direction(300)	311.81	270	33.5573	104.478	180	180	180
mov_direction(301)	306.87	258.463	41.4096	120	180	180	180
mov_direction(302)	311.81	255.522	180	126.87	228.19	180	180
mov_direction(303)	306.87	240	284.478	131.81	250.529	180	180
mov_direction(304)	318.59	270	260.406	126.87	240	180	180
mov_direction(305)	180	240	270	180	180	180	180
mov_direction(306)	323.13	270	270	131.81	180	180	180
mov_direction(307)	311.81	240	250.529	120	180	180	289.471
mov_direction(308)	180	255.522	270	126.87	180	180	289.471
mov_direction(309)	311.81	240	270	180	120	180	255.522
mov_direction(310)	180	180	255.522	143.13	180	180	240
mov_direction(311)	318.59	246.422	270	180	180	180	180
mov_direction(312)	326.443	270	270	131.81	180	180	131.81
mov_direction(313)	300	240	258.463	180	41.4096	180	180
mov_direction(314)	306.87	246.422	258.463	180	180	180	180
mov_direction(315)	300	270	250.529	143.13	180	180	180
mov_direction(316)	318.59	240	258.463	143.13	180	180	270
mov_direction(317)	300	250.529	258.463	143.13	180	180	60
mov_direction(318)	306.87	250.529	258.463	180	180	180	70.5288
mov_direction(319)	306.87	250.529	260.406	146.443	48.1897	180	120
mov_direction(320)	311.81	258.463	250.529	143.13	48.1897	180	104.478
mov_direction(321)	306.87	180	270	180	60	180	113.578
mov_direction(322)	180	240	270	180	70.5288	180	131.81
mov_direction(323)	323.13	255.522	270	180	48.1897	180	126.87
mov_direction(324)	300	180	270	180	180	180	180
mov_direction(325)	311.81	240	270	180	60	180	131.81
mov_direction(326)	300	240	270	180	48.1897	180	120
mov_direction(327)	306.87	180	250.529	180	180	180	289.471
mov_direction(328)	284.478	180	270	180	70.5288	180	240

mov_direction(329)	270	228.19	261.787	180	48.1897	180	180
mov_direction(330)	300	270	260.406	180	60	180	216.87
mov_direction(331)	323.13	240	270	180	70.5288	180	270
mov_direction(332)	180	233.13	270	180	53.1301	180	180
mov_direction(333)	180	240	281.537	180	60	180	180
mov_direction(334)	180	240	270	213.557	75.5225	180	180
mov_direction(335)	90	228.19	270	180	48.1897	180	180
mov_direction(336)	180	270	281.537	216.87	48.1897	180	306.87
mov_direction(337)	180	240	284.478	250.529	41.4096	180	323.13
mov_direction(338)	180	233.13	289.471	233.13	180	180	323.13
mov_direction(339)	180	180	289.471	240	36.8699	180	323.13
mov_direction(340)	138.59		293.578	270	180	180	180
mov_direction(341)	138.59	270	306.87	258.463	180	180	180
mov_direction(342)	131.81	246.422	306.87	279.594	48.1897	180	180
mov_direction(343)	120	180	306.87	281.537	36.8699	180	180
mov_direction(344)	90	180	323.13	300	180	180	180
mov_direction(345)	101.537	180	323.13	270	180	180	180
mov_direction(346)	104.478	233.13	318.59	279.594	36.8699	180	180
mov_direction(347)	90	180	270	270	180	180	180
mov_direction(348)	70.5288	228.19	90	270	36.8699	180	180
mov_direction(349)	70.5288	180	90	270	180	180	180
mov_direction(350)	75.5225	240	180	270	36.8699	180	180
mov_direction(351)	70.5288	216.87	180	270	180	180	180
mov_direction(352)	48.1897	180	180	270	180	180	180
mov_direction(353)	60	216.87	180	300	180	90	180
mov_direction(354)	60	221.41	180	281.537	180	60	180
mov_direction(355)	180	180	180	300	180	180	180
mov_direction(356)	180	216.87	131.81	279.594	180	180	180
mov_direction(357)	180	180	90	318.59	180	270	180
mov_direction(358)	180	180	131.81	306.87	180	270	180
mov_direction(359)	180	180	131.81	318.59	180	180	180
velocity(0)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
velocity(1)	0	8	6.08276	3.16228	1.41421	5.65685	2.23607
velocity(2)	6.32456	1	6.08276	7.2111	2.23607	4.47214	2
velocity(3)	4.47214	8	4.12311	1.41421	2	6.32456	3.16228
velocity(4)	2	4	10.7703	3.60555	2.23607	4.47214	3.16228
velocity(5)	8.48528	4.12311	4.12311	6.32456	1.41421	5.09902	4
velocity(6)	0	5.09902	4.47214	2.23607	5	4	2.23607
velocity(7)	8.94427	3.16228	6.32456	7.81025	2.23607	4	3.60555
velocity(8)	4.12311	6.7082	6	1	3.60555	2.23607	2.23607
velocity(9)	6.7082	3.60555	4.47214	7.2111	1	5.38516	3.60555
velocity(10)	5.38516	6	8.544	4.12311	5	4.24264	4.12311
velocity(11)	2.82843	2.82843	1	8.06226	3.60555	5.83095	2.23607
velocity(12)	0	8.06226	4	3.60555	5.65685	4.47214	2
velocity(13)	4.12311	1	2.23607	4.47214	2.23607	5.83095	4.12311
velocity(14)	5	8	2.23607	2.82843	5.09902	5.09902	2.23607
velocity(15)	3.16228	2.23607	4.12311	4.12311	1	4.47214	2
velocity(16)	8.06226	6.08276	4.12311	4	5	3.16228	6.7082
velocity(17)	2	4	2	2	1	3	2.82843
velocity(18)	1	1.41421	0	2	2	2	3.60555

velocity(19)	6.32456	5.38516	7.2111	2	5	7	4.12311
velocity(20)	3	2	3	3	3.16228	1.41421	4.47214
velocity(21)	1	8.06226	2.82843	2	3.16228	4	2.23607
velocity(22)	1.41421	1	1	3.60555	4.47214	2.82843	4.12311
velocity(23)	6	2	8.24621	8	2.82843	2	4.12311
velocity(24)	5.09902	6.08276	6.08276	1.41421	4.47214	2	2.23607
velocity(25)	2.23607	2	6.08276	6.7082	2.23607	2	6.32456
velocity(26)	5.65685	2	8.06226	2.23607	4	2.23607	2.23607
velocity(27)	0	0	0	0	0	0	0
velocity(28)	3.60555	4	6.7082	7.2111	2.23607	1	4.12311
velocity(29)	2.23607	1	8.24621	2.23607	2	1	4.47214
velocity(30)	9.84886	2.23607	8.544	4.12311	6.08276	0	5
velocity(31)	2	6	10.8167	4	1	2.23607	4.12311
velocity(32)	5	2.82843	5.38516	5	4.12311	2.23607	2.23607
velocity(33)	5	1	9.21954	5.09902	4	3.60555	2.23607
velocity(34)	2.23607	3.60555	8.06226	2.23607	2.23607	1	2
velocity(35)	8.94427	1	7.2111	2.23607	1	2.23607	0
velocity(36)	2.23607	3.60555	4.47214	6.32456	1.41421	4.24264	0
velocity(37)	5	2	8.94427	4.47214	2	4.24264	0
velocity(38)	6.32456	0	8.48528	5	3.16228	4.24264	2
velocity(39)	1	8.94427	3	2.23607	2.23607	4.12311	2.82843
velocity(40)	2	2	8.94427	6.7082	5.38516	3.60555	5
velocity(41)	8	2.23607	4.24264	2.82843	2.23607	2	2.82843
velocity(42)	3.16228	0	5.38516	6	3.16228	4.12311	0
velocity(43)	8.60233	1	7.81025	2.23607	3.60555	4.47214	3
velocity(44)	2	30.5287	4.12311	8.06226	4.12311	5	0
velocity(45)	6.7082	29.2746	4.47214	5	5.38516	5.83095	1.41421
velocity(46)	5	6.40312	7.2111	5.09902	4	2	0
velocity(47)	3.60555	6.32456	6.32456	3	2.23607	5.09902	1
velocity(48)	5	1	1.41421	5.65685	5.09902	4	2
velocity(49)	1.41421	11.4018	10.2956	2.82843	1	3	2.23607
velocity(50)	9.21954	12	2	6.7082	6.7082	4	1
velocity(51)	6.32456	20.0998	8.24621	3.60555	4.47214	4.47214	0
velocity(52)	4.47214	8.544	4.12311	5.65685	4.47214	4.12311	1
velocity(53)	2	6.08276	6.08276	5.65685	5.09902	4	0
velocity(54)	7.81025	6	6.08276	4.47214	1.41421	2.23607	2
velocity(55)	5.83095	23.4094	5	2	7.61577	2	2.23607
velocity(56)	9.43398	0	4.47214	6.08276	0	2	2
velocity(57)	2.23607	2.23607	6.08276	3.16228	7.2111	5.65685	2
velocity(58)	7.2111	1.41421	4.12311	6.7082	2	5.83095	2
velocity(59)	2.23607	1.41421	6.08276	2.23607	6.32456	6.7082	6.40312
velocity(60)	8.06226	2.23607	8.06226	6.08276	3.16228	2.82843	4.47214
velocity(61)	1	2.23607	2	2.23607	6.08276	2.23607	1.41421
velocity(62)	8	4.24264	6.7082	8.06226	2	9	4.47214
velocity(63)	5	3.60555	4.47214	2	2.23607	2.82843	3.16228
velocity(64)	4.47214	2.23607	8.544	8.24621	1.41421	5.65685	5.83095
velocity(65)	4.12311	3.16228	2.82843	3.60555	1.41421	4.47214	2
velocity(66)	2.82843	3	7.2111	8.94427	0	2.82843	6.08276
velocity(67)	6.08276	8	8.24621	2.23607	2.23607	7.2111	3
velocity(68)	2.82843	2	2.82843	8.06226	1	2.23607	4.24264

velocity(69)	8	5.65685	7.2111	4.12311	1	7.2111	4.47214
velocity(70)	2	6.08276	4.47214	4.47214	2	4.12311	2.82843
velocity(71)	8.24621	2.82843	4.12311	4.47214	2	0	4.47214
velocity(72)	2	4.24264	5	6.32456	1.41421	6.40312	5.83095
velocity(73)	8.544	5.83095	6.7082	6	1.41421	5.65685	3.16228
velocity(74)	3.60555	3	6.08276	2.23607	2.23607	4.47214	3.60555
velocity(75)	6	1.41421	5	8.24621	1	5.38516	1
velocity(76)	2.23607	3.60555	7.2111	2.82843	1	5.38516	1
velocity(77)	2.23607	2	8.94427	7.81025	6.08276	5.65685	6.32456
velocity(78)	7.28011	5	4.47214	6.40312	4	6.08276	4
velocity(79)	3.16228	2.23607	8.24621	2.82843	2.23607	2.23607	9.21954
velocity(80)	7.2111	2	5.38516	7.2111	4.12311	10	2.23607
velocity(81)	1	3	5.38516	5	5.65685	2.23607	3.60555
velocity(82)	9.84886	9.05539	8.06226	3.60555	2	7.2111	6
velocity(83)	4.12311	0	8.06226	5.65685	4.47214	2	2.82843
velocity(84)	4.47214	2.23607	5	5	2.23607	5	7.2111
velocity(85)	3.16228	0	8.94427	2.23607	2	4.47214	4
velocity(86)	7.81025	4.47214	6.32456	2	6.08276	6.08276	4.47214
velocity(87)	1	4.12311	6.40312	9	2	4	6
velocity(88)	9.48683	5	10.198	5.09902	6	6.7082	2.23607
velocity(89)	3	3.60555	8.06226	6.7082	2	2	1
velocity(90)	7.28011	3	5.38516	3.16228	4.12311	7.2111	1
velocity(91)	4	2	6.08276	7.61577	3	2.23607	1
velocity(92)	3.16228	4.12311	4	4.47214	5.09902	6.40312	1
velocity(93)	6.7082	6.40312	7.2111	3.60555	2.23607	5.83095	2.82843
velocity(94)	5.65685	2	8.24621	6	6.08276	3.16228	2.23607
velocity(95)	4.47214	4.12311	3.60555	3.16228			3.16228
velocity(96)	2	5	8.24621	7.81025			0
velocity(97)	4.47214	2.82843	7.2111	2.23607			0
velocity(98)	2	6.08276	2.23607	8.06226			5.38516
velocity(99)	2	2.82843	8.24621	2.23607			2
velocity(100)	5	3	8.06226	7.2111			1
velocity(101)	4.47214	6.32456	4.47214	2.23607			4.47214
velocity(102)	3	5	8.06226	6.08276			2
velocity(103)	0	2.82843	8.06226	2.82843	0.00E+00	0.00E+00	2
velocity(104)	0	4.47214	1.41421	6.7082	2.23607	1	4.12311
velocity(105)	0	5	8.544	2	5.65685	2.82843	4.12311
velocity(106)	1	2.23607	9.21954	8.06226	2	3.60555	1.41421
velocity(107)	2.23607	8.06226	3	4.47214	7.81025	4	1
velocity(108)	1	10.0499	2	5.65685	1	2.23607	1
velocity(109)	3	3.60555	0	6.32456	7.07107	1.41421	4
velocity(110)	1.41421	2.82843	2	2	4.12311	5	3.60555
velocity(111)	1	7.07107	4.47214	8.94427	6.08276	2.23607	4.47214
velocity(112)	2.23607	1	1	4.12311	3	2.82843	5.09902
velocity(113)	4.47214	2.82843	3.16228	6.08276	6.7082	4	5.09902
velocity(114)	5	6.08276	9.21954	2.82843	1.41421	5.65685	4
velocity(115)	2.82843	3.60555	8.06226	8.48528	6.32456	2.82843	4.12311
velocity(116)	7.2111	1	5	2.23607	3	8.60233	4
velocity(117)	4	2.23607	8	6.08276	6.32456	2.23607	2.82843
velocity(118)	4.47214	1	8.06226	7.81025	0	6.32456	6.7082

velocity(119)	4.47214	2.23607	10.4403	3.60555	4.12311	2.82843	4.47214
velocity(120)	6.08276	3	2.23607	6.32456	4.24264	4.12311	5.83095
velocity(121)	0	3.16228	8.48528	3.60555	3	5.09902	3.16228
velocity(122)	7.61577	14.7648	7.2111	6.7082	5	0	2
velocity(123)	3.60555	8.48528	2	5.83095	2	5.38516	1.41421
velocity(124)	2	7.28011	10	2.23607	6.32456	5	1.41421
velocity(125)	4.12311	7	5	5.38516	2.23607	2.23607	2.82843
velocity(126)	7	25.2389	5.65685	3.16228	7.07107	1.41421	4
velocity(127)	1.41421	1.41421	7.61577	8	2.23607	1	2.82843
velocity(128)	8.24621	1	2.23607	5.65685	6.32456	1	2.23607
velocity(129)	2	2	7.2111	6.32456	2	4.12311	4.24264
velocity(130)	2.23607	2.82843	9.43398	2.82843	4.12311	0	2.82843
velocity(131)	6	2	2.23607	4.12311	2.23607	2.23607	1
velocity(132)	4	4.47214	8.24621	4	6.32456	1.41421	2.23607
velocity(133)	2.23607	2.82843	3.16228	8.06226	2	1.41421	5
velocity(134)	8.06226	2.82843	7.61577	2.23607	2	1.41421	3.60555
velocity(135)	1	4.47214	6.7082	6.08276	6.7082	3.16228	6.08276
velocity(136)	6.32456	2.23607	4.12311	2	4.12311	2.82843	4.47214
velocity(137)	4.47214	2	6.32456	8	4.12311	2.23607	10
velocity(138)	2.23607	8	6.08276	2	2	4	3
velocity(139)	6.32456	1	2.23607	8.24621	4.47214	2.23607	5.38516
velocity(140)	2.23607	4.12311	10.0499	2	3.60555	4	3
velocity(141)	7.07107	6.40312	4.47214	6.08276	5	5	6.32456
velocity(142)	1	2.23607	4.47214	3	2.23607	4.47214	3.60555
velocity(143)	3.16228	6	10.198	7.07107	5	2.82843	7.61577
velocity(144)	7.61577	3.60555	2	2.23607	4.47214	4.47214	2
velocity(145)	1.41421	2.82843	8.24621	7.81025	4.47214	5.09902	3.60555
velocity(146)	7.61577	4.12311	8.06226	1	3.60555	3.60555	0
velocity(147)	2	3.60555	2	8.48528	5.38516	7.28011	0
velocity(148)	8.24621	2.23607	10.198	2.23607	4.12311	3.16228	2
velocity(149)	2.82843	6.32456	5	10	5.38516	6.08276	1
velocity(150)	5	1	5	4	3	5	2
velocity(151)	2	3.16228	7.61577	6.08276	6.7082	2	4
velocity(152)	2	4.12311	5	3.60555	4	7.2111	4.47214
velocity(153)	7.61577	8.06226	9.05539	9.05539	2.82843	1.41421	6.40312
velocity(154)	1	3	2.82843	2.23607	6.08276	8.24621	3.60555
velocity(155)	9.21954	4	6.08276	10.198	2	4	5.83095
velocity(156)	2.23607	9.84886	8	2.82843	6.7082	7.2111	2.23607
velocity(157)	8.48528	1.41421	2.23607	6.32456	1.41421	2.82843	6.32456
velocity(158)	0	1	6	5	3.16228	5.09902	5.38516
velocity(159)	6.32456	2.82843	4.12311	6.32456	4.12311	5	4.47214
velocity(160)	4	10	6.08276	6.08276	6.08276	0	6.08276
velocity(161)	4	1	6.32456	4	2.82843	8	4
velocity(162)	8.24621	3.60555	2.23607	8	6.08276	3.60555	8.48528
velocity(163)	4.12311	6.32456	6.08276	2.23607	2.82843	1.41421	4.12311
velocity(164)	6.40312	0	6	6.32456	4.47214	9.21954	6.32456
velocity(165)	4.47214	5	6.7082	6.08276	3	2	2.82843
velocity(166)	7.81025	5	5.09902	4	4.24264	3.16228	9.43398
velocity(167)	1	2.82843	7.2111	7.28011	2.82843	6.7082	4.47214
velocity(168)	5	2.23607	1	3.16228	5.09902	2.23607	8.544

velocity(169)	6.7082	6.7082	10	6.7082	4.12311	4.24264	3
velocity(170)	2	2.82843	4.47214	3	2.23607	6.40312	8
velocity(171)	8.544	0	5.65685	8.544	5.83095	2	2.23607
velocity(172)	1.41421	2	6.7082	2	3.16228	8.94427	6.7082
velocity(173)	4.47214	11.1803	5	8.24621	7.61577	1	6.7082
velocity(174)	6.08276	5	9.05539	2	3.60555	8.60233	3
velocity(175)	4.47214	6.32456	1.41421	6.7082	5.09902	2	7.07107
velocity(176)	5	5	7.28011	2.23607	2.23607	8.48528	2.23607
velocity(177)	1.41421	1	2	4.12311	6.08276	2	10.198
velocity(178)	6.7082	2	8	6.08276	0	1	5
velocity(179)	0	8.94427	4	7.28011	6		7.28011
velocity(180)	4.12311	2	6.32456	1.41421	1.41421		1.41421
velocity(181)	1.41421	6.32456	6.32456	6.08276	1.41421		4
velocity(182)	1	2.82843	4	4	2.23607		10.0499
velocity(183)	2	1	6	4.47214	2		2.23607
velocity(184)	5.65685	9.21954	2	4	2		9
velocity(185)	2.23607	2.23607	7	2	1		1.41421
velocity(186)	5.65685	0	3	5.09902	1.41421		8.24621
velocity(187)	4.47214	7.61577	10.0499	4.24264	1.41421		2.82843
velocity(188)	4.47214	1	3.16228	0	0		7.07107
velocity(189)	8.48528	4	9	1	0		1.41421
velocity(190)	2.82843	6.40312	2.82843	0	2		8.24621
velocity(191)	7.2111	2.23607	8.24621	4.47214	2	0.00E+00	4
velocity(192)	2.23607	6.32456	1	3.60555	1.41421	3.60555	8.544
velocity(193)	6.08276	8.06226	8.94427	2.23607	5	4.12311	2
velocity(194)	2	0	2.23607	9.05539	3.60555	6.32456	7.28011
velocity(195)	8.24621	6.08276	6.7082	3	6	17.4929	2.23607
velocity(196)	2.23607	5.38516	5.38516	2.82843	7	8.06226	2.82843
velocity(197)	7.2111	2.23607	5.83095	6.32456	1.41421	6.08276	9.21954
velocity(198)	3.60555	4	6.32456	2.82843	8.06226	4.47214	2.23607
velocity(199)	2.82843	5.38516	5.09902	7.2111	1.41421	5.83095	9.21954
velocity(200)	7.2111	3	9.21954	2.23607	5.09902	6.08276	2
velocity(201)	1	8.94427	1	6.40312	2	20.5913	8.48528
velocity(202)	7.07107	2	8.60233	6.40312	2.23607	2	2.23607
velocity(203)	3.16228	1	3.16228	4.12311	7	5	8.48528
velocity(204)	7.2111	7.07107	5.65685	7.2111	1.41421	2	4.47214
velocity(205)	2.23607	2.23607	8.06226	4	6	4.47214	7.2111
velocity(206)	8.24621	1.41421	5.38516	6.32456	4.47214	4	2.23607
velocity(207)	2	7.07107	6.7082	2	2.23607	4.47214	7.07107
velocity(208)	8.544	2	6.7082	8.06226	6.08276	3.16228	1
velocity(209)	2.23607	3.16228	4.12311	0	1	2.23607	5.65685
velocity(210)	6	5.09902	7.2111	3.60555	6	6.32456	5.65685
velocity(211)	3.60555	2.82843	10.0499	7.61577	2.82843	2	4
velocity(212)	4.24264	6.08276	2	1.41421	2.23607	7.81025	8.94427
velocity(213)	8.94427	2.23607	6.32456	1	6.08276	5.38516	3
velocity(214)	1	2.82843	8.24621	2	0	2.82843	2.23607
velocity(215)	3.60555	8.06226	2.82843	2	5	5	7.28011
velocity(216)	6.32456	0	10	2	3.16228	2.82843	3.16228
velocity(217)	3	6.08276	5	1	2.82843	7.81025	8.544
velocity(218)	6.7082	6.08276	6	1	4.12311	2.23607	2.82843

velocity(219)	2.23607	1	6.7082	3.60555	1	2.23607	7.2111
velocity(220)	8.544	2.23607	8.544	2.23607	4.47214	5.38516	2.82843
velocity(221)	2	4	2.23607	7.2111	4.47214	1	9.21954
velocity(222)	2	2.23607	6.32456	4	4.47214	2	5
velocity(223)	5.38516	4.12311	6.40312	2.23607	2.23607	4.47214	7.81025
velocity(224)	5	6	6.40312	4.47214	6	2.82843	1
velocity(225)	0	0	6.32456	6.08276	2	2	9.89949
velocity(226)	6.08276	4.47214	4.47214	0	6.08276	6.32456	3.16228
velocity(227)	2	4.47214	6	2	2.23607	2.82843	3.16228
velocity(228)	2.82843	1	10	4.47214	7.07107	2.23607	7.2111
velocity(229)	2	2	2.82843	4	1.41421	6.7082	3.16228
velocity(230)	2	8.24621	10.7703	2	6.7082	3	7.81025
velocity(231)	3	2	6.32456	8.94427	2.23607	5.83095	3
velocity(232)	1	0	4.47214	2.23607	5.38516	5.83095	8.06226
velocity(233)	2	0	7.2111	2	1.41421	1.41421	3.16228
velocity(234)	3.60555	2	8.48528	8	6.08276	5.65685	9
velocity(235)	1	1	2.82843	3	2.82843	5.38516	1
velocity(236)	0	1	8.48528	4.47214	4.12311	2.82843	8.06226
velocity(237)	3	3.60555	5.65685	1.41421	2.82843	7.2111	2.23607
velocity(238)	4.12311	2	5.65685		4.47214	2	6.08276
velocity(239)	2.23607	4.47214	7.2111		2.23607	2.23607	4
velocity(240)	1.41421	26.2488	7.2111		6.7082	7.2111	2.82843
velocity(241)	6	18.6011	4	0.00E+00	2.23607	2.23607	8.06226
velocity(242)	4	9.43398	10	18.4391	3.16228	5	2.23607
velocity(243)	2.23607		7.2111	4.24264		7.61577	6.32456
velocity(244)	5.65685		4.47214	2		2	4.12311
velocity(245)	4		8.24621	1.41421		7.07107	7.81025
velocity(246)	8.94427		2.23607	11.1803		2.23607	2.23607
velocity(247)	3.16228		8.544	25.318		3	8.06226
velocity(248)	5.09902		4.12311	9.48683		6.08276	2.82843
velocity(249)	4.47214		6.08276	9.21954		1	7.07107
velocity(250)	6.08276		6.08276	22.8473		7.28011	4.12311
velocity(251)	2		6.7082	4		2.23607	5.65685
velocity(252)	6.08276		8.24621	3.60555		0	4
velocity(253)	4.47214		6.08276	3		4	6.32456
velocity(254)	3.60555		4.47214	4		4	4
velocity(255)	8		10.0499	3.16228		4.12311	2
velocity(256)	3.60555		4	5.09902		5	0
velocity(257)	5.38516	0.00E+00	6.08276	5.83095	0.00E+00	1	0
velocity(258)	3.60555	1	10.198	6.7082	2	9.21954	0
velocity(259)	6.7082	2	2.82843	4.12311	4.47214	3	2
velocity(260)	2	2.82843	8.06226	2.82843	3.60555	7.07107	5.09902
velocity(261)	8.06226	2.82843	8.06226	6.32456	3.60555	2	3.60555
velocity(262)	3	3.60555	4.47214	4.47214	2	4.47214	2.82843
velocity(263)	4.47214	2.23607	9	4.12311	7.07107	7.2111	6.08276
velocity(264)	5	2.23607	7.81025	6.08276	1	1.41421	2.82843
velocity(265)	8.06226	3	4	3.60555	6.32456	8.48528	5
velocity(266)	1.41421	5	8.24621	4.47214	2.23607	3.16228	9.89949
velocity(267)	8.48528	2.23607	4.12311	4.47214	6.32456	1.41421	2.23607
velocity(268)	2.23607	2.82843	8.06226	6.7082	3.60555	4.12311	2.23607

velocity(269)	6.40312	2.82843	8.94427	2.23607	5	6.40312	6.7082
velocity(270)	4	2.23607	5	4.12311	2.23607	2.23607	2.82843
velocity(271)	5.65685	3.60555	8.94427	5	7.61577	8.24621	4.47214
velocity(272)	2	2.82843	7.61577	5	2	3.60555	7.2111
velocity(273)	3.60555	2.23607	6.08276	4.47214	4.47214	8.24621	0
velocity(274)	6.40312	0	6.08276	6.08276	2.23607	2.82843	2
velocity(275)	2.23607	4	8.544	1	6.40312	7.07107	0
velocity(276)	6.08276	2.23607	6.32456	8.48528	3.16228	1	3.60555
velocity(277)	2.23607	2.82843	6.08276	0	5	2.82843	2.23607
velocity(278)	7.61577	6.32456	1	8.48528	2.82843	6.40312	0
velocity(279)	3.16228	3	26.4197	0	6.32456	4.47214	2
velocity(280)	6.08276	0	4	8.48528	3	2.23607	0
velocity(281)	2	2	19.2094	4	6.40312	7.2111	0
velocity(282)	8.24621	5.83095	9.89949	6.7082	4.47214	2.82843	1.41421
velocity(283)	2	1	9.43398	5.83095	2.82843	7.2111	3.60555
velocity(284)	3.60555	2.82843	5	1	4.47214	2.82843	1
velocity(285)	6	6.40312	25.1794	7.2111	4.47214	4.47214	4
velocity(286)	2	2.23607	6.32456	2	6.40312	2.82843	2
velocity(287)	8.06226	1	2.82843	5.65685	3	2.82843	3
velocity(288)	2	2.82843	5.38516	2	8.24621	7.81025	2
velocity(289)	9.05539	7.81025	5.09902	6.32456	4	1	5
velocity(290)	1.41421	2.23607	5.65685	4.47214	4.47214	4.47214	4.24264
velocity(291)	2.82843	1.41421	7.2111	6.08276	5	3.60555	4.12311
velocity(292)	8.06226	6.7082	4	5	4.12311	0	2.82843
velocity(293)	2	2	4.47214	4.47214	7.2111	5.83095	6.32456
velocity(294)	6.08276	3.60555	8.48528	4	2.23607	3.16228	2
velocity(295)	4	8.544	2	4.47214	6.7082	3.16228	6
velocity(296)	4.12311	1.41421	6.40312	3.60555	4	8.06226	2
velocity(297)	6.7082	1.41421	2.23607	7.2111	5.65685	2.23607	6.08276
velocity(298)	4.47214	6.7082	8.48528	2.82843	3	6.08276	2.82843
velocity(299)	7.61577	2.23607	7.2111	8.06226	3.60555	4	6
velocity(300)	1	2	4.47214	2.23607	4.47214	8.544	2.23607
velocity(301)	8.48528	5.83095	5.65685	6.7082	4	3	7.2111
velocity(302)	2	5.09902	3	6	4.12311	7.61577	2.23607
velocity(303)	6.40312	2	16.1245	2.82843	5.09902	3	4.12311
velocity(304)	4.12311	1	10.4403	6	4.47214	5.83095	6
velocity(305)	1	6.08276	10.0499	3	3.16228	2	1
velocity(306)	5.83095	1	20.6155	9	2.23607	6.32456	1
velocity(307)	2.82843	2	1.41421	2.23607	0	2	0
velocity(308)	2.23607	4.12311	2	7.28011	2.23607	5	1
velocity(309)	10	2.23607	4	2.23607	2.82843	4.47214	2.23607
velocity(310)	1	0	1.41421	7.81025	3.60555	6.32456	3.60555
velocity(311)	3.60555	6.7082	3	2.23607	1	4	1.41421
velocity(312)	8.24621	2.23607	6	5.65685	3	4.24264	1.41421
velocity(313)	2	2.23607	4.47214	5.38516	4.47214	6	1.41421
velocity(314)	4.47214	7.61577	4.12311	5.09902	2.23607	4.47214	1.41421
velocity(315)	5.65685	1	7	3.60555	1	6.7082	4.12311
velocity(316)	6.40312	2.23607	3.60555	5.65685	1	5.09902	0
velocity(317)	5.09902	6.32456	8.24621	7.81025	5	3.16228	2.23607
velocity(318)	4	0	2	1	3.60555	2	2

velocity(319)	7.2111	2	8	7.2111	1	6.32456	1
velocity(320)	2.23607	6.7082	3	5.38516	1.41421	2	2
velocity(321)	7.28011	1	6.08276	5.83095	0	4.12311	5.09902
velocity(322)	4	4.24264	6	5.65685	2	7	3.16228
velocity(323)	5.83095	5.09902	6.7082	4.12311	1	1	6.7082
velocity(324)	1	1	8.06226	9.21954	5.65685	8.06226	0
velocity(325)	9.43398	2.23607	2	2.23607	4	2.82843	7.2111
velocity(326)	2.82843	6.08276	6.08276	4	2	7.07107	3
velocity(327)	7.61577	1	3.16228	6	3	2.23607	3.60555
velocity(328)	2	4.47214	7	6.08276	3.60555	6.32456	2.82843
velocity(329)	3.16228	4.47214	8	4.47214	2.23607	3	2
velocity(330)	6.40312	4	4	7.2111	4.47214	4	4
velocity(331)	5.38516	2	6.7082	3.60555	3.60555	6.32456	1
velocity(332)	2.23607	4.47214	8.06226	8.24621	4.12311	8	4.12311
velocity(333)	1	2.23607	2	2.23607	4.47214	2.82843	2.82843
velocity(334)	0	5	10.4403	7.81025	2.82843	2	3
velocity(335)	0	2.82843	4.47214	2	4.47214	6.08276	1
velocity(336)	3.60555	1	6.32456	6.7082	4.47214	3	5.09902
velocity(337)	3.60555	3.16228	3.60555	2.23607	6.40312	6	0
velocity(338)	2.82843	5	6.08276	7.2111	2.23607	7	1
velocity(339)	3.16228	2.23607	8	1	4.47214	4.12311	4.24264
velocity(340)	3	1	4	8.94427	2.23607	6.7082	4
velocity(341)	2.23607	1	6.7082	3	6.40312	8	3.60555
velocity(342)	0	8.48528	8.06226	6.7082	2	5	5.38516
velocity(343)	1	3	2.82843	3	6.40312	6.32456	5.83095
velocity(344)	1.41421	1	7.2111	8.24621	5	2.23607	4.47214
velocity(345)	1	2.23607	4.47214	6.7082	2.82843	6.08276	4.12311
velocity(346)	3.16228	4.47214	5	4	7.28011	6.32456	5.38516
velocity(347)	2	2.82843	0	7.61577	4.12311	4.12311	6.08276
velocity(348)	2	2	31.5753	1.41421	6.32456	8.544	5
velocity(349)	2.82843	5	3	8.24621	5.38516	8.06226	6.08276
velocity(350)	2.23607	3.16228	20.2485	4.12311	5.09902	2.23607	3.16228
velocity(351)	4	6.7082	2.23607	6	5.83095	0	7.61577
velocity(352)	2	2	32.8938	4.47214	3.16228	1	2.82843
velocity(353)	4.47214	7.2111	6.7082	6	5.83095	2.23607	8.24621
velocity(354)	2.82843	2.82843	7.07107	6.08276	6.7082	0	2.23607
velocity(355)	2.82843	1	6.32456	3.60555	3.60555	0	7.28011
velocity(356)	5.09902	6.32456	6.08276	7.28011	4.12311	0	3.60555
velocity(357)	4.47214	2	2	3	6	1.41421	6.7082
velocity(358)	1	2.23607	4.47214	8.24621	4.24264	1.41421	4.12311
velocity(359)	3.60555	7.2111	6	2.23607	5.38516	2	6.08276
acceleration(0)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
acceleration(1)	6.32456	-7	0	4.04882	0.821854	-1.18472	-0.23607
acceleration(2)	-1.85242	7	-1.95966	-5.79689	-0.23607	1.85242	1.16228
acceleration(3)	-2.47214	-4	6.64722	2.19134	0.236068	-1.85242	0
acceleration(4)	6.48528	0.123106	-6.64722	2.719	-0.82185	0.626884	0.837722
acceleration(5)	-8.48528	0.975914	0.34903	-4.08849	3.58579	-1.09902	-1.76393
acceleration(6)	8.94427	-1.93674	1.85242	5.57418	-2.76393	0	1.36948
acceleration(7)	-4.82117	3.54593	-0.32456	-6.81025	1.36948	-1.76393	-1.36948
acceleration(8)	2.5851	-3.10265	-1.52786	6.2111	-2.60555	3.1491	1.36948

acceleration(9)	-1.32304	2.39445	4.07187	-3.088	4	-1.14252	0.517554
acceleration(10)	-2.55674	-3.17157	-7.544	3.93915	-1.39445	1.58831	-1.88704
acceleration(11)	-2.82843	5.23383	3	-4.45671	2.0513	-1.35882	-0.23607
acceleration(12)	4.12311	-7.06226	-1.76393	0.866585	-3.42079	1.35882	2.12311
acceleration(13)	0.876894	7	0	-1.64371	2.86295	-0.73193	-1.88704
acceleration(14)	-1.83772	-5.76393	1.88704	1.29468	-4.09902	-0.62688	-0.23607
acceleration(15)	4.89998	3.84669	0	-0.12311	4	-1.30986	4.7082
acceleration(16)	-6.06226	-2.08276	-2.12311	-2	-4	-0.16228	-3.87978
acceleration(17)	-1	-2.58579	-2	0	1	-1	0.777124
acceleration(18)	5.32456	3.97095	7.2111	0	3	5	0.517554
acceleration(19)	-3.32456	-3.38516	-4.2111	1	-1.83772	-5.58579	0.34903
acceleration(20)	-2	6.06226	-0.17157	-1	0	2.58579	-2.23607
acceleration(21)	0.414214	-7.06226	-1.82843	1.60555	1.30986	-1.17157	1.88704
acceleration(22)	4.58579	1	7.24621	4.39445	-1.64371	-0.82843	0
acceleration(23)	-0.90098	4.08276	-2.16345	-6.58579	1.64371	0	-1.88704
acceleration(24)	-2.86295	-4.08276	0	5.29399	-2.23607	0	4.08849
acceleration(25)	3.42079	0	1.9795	-4.47214	1.76393	0.236068	-4.08849
acceleration(26)	-5.65685	-2	-8.06226	-2.23607	-4	-2.23607	-2.23607
acceleration(27)	3.60555	4	6.7082	7.2111	2.23607	1	4.12311
acceleration(28)	-1.36948	-3	1.53801	-4.97503	-0.23607	0	0.34903
acceleration(29)	7.61279	1.23607	0.297792	1.88704	4.08276	-1	0.527864
acceleration(30)	-7.84886	3.76393	2.27265	-0.12311	-5.08276	2.23607	-0.87689
acceleration(31)	3	-3.17157	-5.43149	1	3.12311	0	-1.88704
acceleration(32)	0	-1.82843	3.83438	0.09902	-0.12311	1.36948	0
acceleration(33)	-2.76393	2.60555	-1.15729	-2.86295	-1.76393	-2.60555	-0.23607
acceleration(34)	6.7082	-2.60555	-0.85116	0	-1.23607	1.23607	-2
acceleration(35)	-6.7082	2.60555	-2.73897	4.08849	0.414214	2.00657	0
acceleration(36)	2.76393	-1.60555	4.47214	-1.85242	0.585786	0	0
acceleration(37)	1.32456	-2	-0.45899	0.527864	1.16228	0	2
acceleration(38)	-5.32456	8.94427	-5.48528	-2.76393	-0.92621	-0.11954	0.828427
acceleration(39)	1	-6.94427	5.94427	4.47214	3.1491	-0.51755	2.17157
acceleration(40)	6	0.236068	-4.70163	-3.87978	-3.1491	-1.60555	-2.17157
acceleration(41)	-4.83772	-2.23607	1.14252	3.17157	0.92621	2.12311	-2.82843
acceleration(42)	5.44005	1	2.42508	-3.76393	0.443274	0.34903	3
acceleration(43)	-6.60233	29.5287	-3.68714	5.82619	0.517554	0.527864	-3
acceleration(44)	4.7082	-1.25411	0.34903	-3.06226	1.26206	0.830952	1.41421
acceleration(45)	-1.7082	-22.8714	2.73897	0.09902	-1.38516	-3.83095	-1.41421
acceleration(46)	-1.39445	-0.07857	-0.88655	-2.09902	-1.76393	3.09902	1
acceleration(47)	1.39445	-5.32456	-4.91034	2.65685	2.86295	-1.09902	1
acceleration(48)	-3.58579	10.4018	8.88142	-2.82843	-4.09902	-1	0.236068
acceleration(49)	7.80533	0.598246	-8.29563	3.87978	5.7082	1	-1.23607
acceleration(50)	-2.89499	8.09975	6.24621	-3.10265	-2.23607	0.472136	-1
acceleration(51)	-1.85242	-11.5557	-4.12311	2.0513	0	-0.34903	1
acceleration(52)	-2.47214	-2.46124	1.95966	0	0.626884	-0.12311	-1
acceleration(53)	5.81025	-0.08276	0	-1.18472	-3.68481	-1.76393	2
acceleration(54)	-1.9793	17.4094	-1.08276	-2.47214	6.20156	-0.23607	0.236068
acceleration(55)	3.60303	-23.4094	-0.52786	4.08276	-7.61577	0	-0.23607
acceleration(56)	-7.19791	2.23607	1.61063	-2.92048	7.2111	3.65685	0
acceleration(57)	4.97503	-0.82185	-1.95966	3.54593	-5.2111	0.174098	0
acceleration(58)	-4.97503	0	1.95966	-4.47214	4.32456	0.877252	4.40312

acceleration(59)	5.82619	0.821854	1.9795	3.84669	-3.16228	-3.87978	-1.93099
acceleration(60)	-7.06226	0	-6.06226	-3.84669	2.92048	-0.59236	-3.05792
acceleration(61)	7	2.00657	4.7082	5.82619	-4.08276	6.76393	3.05792
acceleration(62)	-3	-0.63709	-2.23607	-6.06226	0.236068	-6.17157	-1.30986
acceleration(63)	-0.52786	-1.36948	4.07187	6.24621	-0.82185	2.82843	2.66867
acceleration(64)	-0.34903	0.92621	-5.71558	-4.64066	0	-1.18472	-3.83095
acceleration(65)	-1.29468	-0.16228	4.38268	5.33872	-1.41421	-1.64371	4.08276
acceleration(66)	3.25434	5	1.03511	-6.7082	2.23607	4.38268	-3.08276
acceleration(67)	-3.25434	-6	-5.41778	5.82619	-1.23607	-4.97503	1.24264
acceleration(68)	5.17157	3.65685	4.38268	-3.93915	0	4.97503	0.229495
acceleration(69)	-6	0.425908	-2.73897	0.34903	1	-3.088	-1.64371
acceleration(70)	6.24621	-3.25434	-0.34903	0	0	-4.12311	1.64371
acceleration(71)	-6.24621	1.41421	0.876894	1.85242	-0.58579	6.40312	1.35882
acceleration(72)	6.544	1.58831	1.7082	-0.32456	0	-0.74627	-2.66867
acceleration(73)	-4.93845	-2.83095	-0.62544	-3.76393	0.821854	-1.18472	0.443274
acceleration(74)	2.39445	-1.58579	-1.08276	6.01014	-1.23607	0.913029	-2.60555
acceleration(75)	-3.76393	2.19134	2.2111	-5.41778	0	0	0
acceleration(76)	0	-1.60555	1.73317	4.98182	5.08276	0.271689	5.32456
acceleration(77)	5.04404	3	-4.47214	-1.40713	-2.08276	0.425908	-2.32456
acceleration(78)	-4.11783	-2.76393	3.77408	-3.5747	-1.76393	-3.84669	5.21954
acceleration(79)	4.04882	-0.23607	-2.86105	4.38268	1.88704	7.76393	-6.98348
acceleration(80)	-6.2111	1	0	-2.2111	1.53375	-7.76393	1.36948
acceleration(81)	8.84886	6.05539	2.67709	-1.39445	-3.65685	4.97503	2.39445
acceleration(82)	-5.72575	-9.05539	0	2.0513	2.47214	-5.2111	-3.17157
acceleration(83)	0.34903	2.23607	-3.06226	-0.65685	-2.23607	3	4.38268
acceleration(84)	-1.30986	-2.23607	3.94427	-2.76393	-0.23607	-0.52786	-3.2111
acceleration(85)	4.64797	4.47214	-2.61972	-0.23607	4.08276	1.61063	0.472136
acceleration(86)	-6.81025	-0.34903	0.078569	7	-4.08276	-2.08276	1.52786
acceleration(87)	8.48683	0.876894	3.79491	-3.90098	4	2.7082	-3.76393
acceleration(88)	-6.48683	-1.39445	-2.13578	1.60918	-4	-4.7082	-1.23607
acceleration(89)	4.28011	-0.60555	-2.67709	-3.54593	2.12311	5.2111	0
acceleration(90)	-3.28011	-1	0.697598	4.4535	-1.12311	-4.97503	0
acceleration(91)	-0.83772	2.12311	-2.08276	-3.14364	2.09902	4.16706	0
acceleration(92)	3.54593	2.28002	3.2111	-0.86659	-2.86295	-0.57217	1.82843
acceleration(93)	-1.05135	-4.40312	1.03511	2.39445	3.84669	-2.66867	-0.59236
acceleration(94)	-1.18472	2.12311	-4.64066	-2.83772	-0.67586	-0.35136	0.92621
acceleration(95)	-2.47214	0.876894	4.64066	4.64797			-3.16228
acceleration(96)	2.47214	-2.17157	-1.03511	-5.57418			0
acceleration(97)	-2.47214	3.25434	-4.97503	5.82619			5.38516
acceleration(98)	0	-3.25434	6.01014	-5.82619			-3.38516
acceleration(99)	3	0.171573	-0.18395	4.97503			-1
acceleration(100)	-0.52786	3.32456	-3.59012	-4.97503			3.47214
acceleration(101)	-1.47214	-1.32456	3.59012	3.84669			-2.47214
acceleration(102)	-3	-2.17157	0	-3.25434			0
acceleration(103)	0	1.64371	-6.64804	3.87978	2.23607	1	2.12311
acceleration(104)	0	0.527864	7.12979	-4.7082	3.42079	1.82843	0
acceleration(105)	1	-2.76393	0.675541	6.06226	-3.65685	0.777124	-2.70889
acceleration(106)	1.23607	5.82619	-6.21954	-3.59012	5.81025	0.394449	-0.41421
acceleration(107)	-1.23607	1.98762	-1	1.18472	-6.81025	-1.76393	0
acceleration(108)	2	-6.44432	-2	0.667701	6.07107	-0.82185	3

acceleration(109)	-1.58579	-0.77712	2	-4.32456	-2.94796	3.58579	-0.39445
acceleration(110)	-0.41421	4.24264	2.47214	6.94427	1.95966	-2.76393	0.866585
acceleration(111)	1.23607	-6.07107	-3.47214	-4.82117	-3.08276	0.592359	0.626884
acceleration(112)	2.23607	1.82843	2.16228	1.95966	3.7082	1.17157	0
acceleration(113)	0.527864	3.25434	6.05727	-3.25434	-5.29399	1.65685	-1.09902
acceleration(114)	-2.17157	-2.47721	-1.15729	5.65685	4.91034	-2.82843	0.123106
acceleration(115)	4.38268	-2.60555	-3.06226	-6.24921	-3.32456	5.7739	-0.12311
acceleration(116)	-3.2111	1.23607	3	3.84669	3.32456	-6.36626	-1.17157
acceleration(117)	0.472136	-1.23607	0.062258	1.72749	-6.32456	4.08849	3.87978
acceleration(118)	0	1.23607	2.37805	-4.2047	4.12311	-3.49613	-2.23607
acceleration(119)	1.61063	0.763932	-8.20424	2.719	0.119535	1.29468	1.35882
acceleration(120)	-6.08276	0.162278	6.24921	-2.719	-1.24264	0.975914	-2.66867
acceleration(121)	7.61577	11.6025	-1.27418	3.10265	2	-5.09902	-1.16228
acceleration(122)	-4.01022	-6.27954	-5.2111	-0.87725	-3	5.38516	-0.58579
acceleration(123)	-1.60555	-1.20517	8	-3.59488	4.32456	-0.38517	0
acceleration(124)	2.12311	-0.28011	-5	3.1491	-4.08849	-2.76393	1.41421
acceleration(125)	2.87689	18.2389	0.656854	-2.22289	4.835	-0.82185	1.17157
acceleration(126)	-5.58579	-23.8246	1.95892	4.83772	-4.835	-0.41421	-1.17157
acceleration(127)	6.832	-0.41421	-5.37971	-2.34315	4.08849	0	-0.59236
acceleration(128)	-6.24621	1	4.97503	0.667701	-4.32456	3.12311	2.00657
acceleration(129)	0.236068	0.828427	2.22288	-3.49613	2.12311	-4.12311	-1.41421
acceleration(130)	3.76393	-0.82843	-7.19791	1.29468	-1.88704	2.23607	-1.82843
acceleration(131)	-2	2.47214	6.01014	-0.12311	4.08849	-0.82185	1.23607
acceleration(132)	-1.76393	-1.64371	-5.08393	4.06226	-4.32456	0	2.76393
acceleration(133)	5.82619	0	4.4535	-5.82619	0	0	-1.39445
acceleration(134)	-7.06226	1.64371	-0.90757	3.84669	4.7082	1.74806	2.47721
acceleration(135)	5.32456	-2.23607	-2.5851	-4.08276	-2.5851	-0.33385	-1.61063
acceleration(136)	-1.85242	-0.23607	2.20145	6	0	-0.59236	5.52786
acceleration(137)	-2.23607	6	-0.24179	-6	-2.12311	1.76393	-7
acceleration(138)	4.08849	-7	-3.84669	6.24621	2.47214	-1.76393	2.38516
acceleration(139)	-4.08849	3.12311	7.81381	-6.24621	-0.86659	1.76393	-2.38516
acceleration(140)	4.835	2.28002	-5.57774	4.08276	1.39445	1	3.32456
acceleration(141)	-6.07107	-4.16706	0	-3.08276	-2.76393	-0.52786	-2.719
acceleration(142)	2.16228	3.76393	5.7259	4.07107	2.76393	-1.64371	4.01022
acceleration(143)	4.4535	-2.39445	-8.19804	-4.835	-0.52786	1.64371	-5.61577
acceleration(144)	-6.20156	-0.77712	6.24621	5.57418	0	0.626884	1.60555
acceleration(145)	6.20156	1.29468	-0.18395	-6.81025	-0.86659	-1.49347	-3.60555
acceleration(146)	-5.61577	-0.51755	-6.06226	7.48528	1.77961	3.67456	0
acceleration(147)	6.24621	-1.36948	8.19804	-6.24921	-1.26206	-4.11783	2
acceleration(148)	-5.41778	4.08849	-5.19804	7.76393	1.26206	2.92048	-1
acceleration(149)	2.17157	-5.32456	0	-6	-2.38516	-1.08276	1
acceleration(150)	-3	2.16228	2.61577	2.08276	3.7082	-3	2
acceleration(151)	0	0.960828	-2.61577	-2.47721	-2.7082	5.2111	0.472136
acceleration(152)	5.61577	3.93915	4.05539	5.44983	-1.17157	-5.79689	1.93099
acceleration(153)	-6.61577	-5.06226	-6.22696	-6.81932	3.25434	6.832	-2.79757
acceleration(154)	8.21954	1	3.25434	7.96197	-4.08276	-4.24621	2.2254
acceleration(155)	-6.98348	5.84886	1.91724	-7.36961	4.7082	3.2111	-3.59488
acceleration(156)	6.24921	-8.43464	-5.76393	3.49613	-5.29399	-4.38268	4.08849
acceleration(157)	-8.48528	-0.41421	3.76393	-1.32456	1.74806	2.27059	-0.93939
acceleration(158)	6.32456	1.82843	-1.87689	1.32456	0.960828	-0.09902	-0.91303

acceleration(159)	-2.32456	7.17157	1.95966	-0.24179	1.95966	-5	1.61063
acceleration(160)	0	-9	0.241793	-2.08276	-3.25434	8	-2.08276
acceleration(161)	4.24621	2.60555	-4.08849	4	3.25434	-4.39445	4.48528
acceleration(162)	-4.12311	2.719	3.84669	-5.76393	-3.25434	-2.19134	-4.36218
acceleration(163)	2.28002	-6.32456	-0.08276	4.08849	1.64371	7.80533	2.20145
acceleration(164)	-1.93099	5	0.708204	-0.24179	-1.47214	-7.21954	-3.49613
acceleration(165)	3.33811	0	-1.60918	-2.08276	1.24264	1.16228	6.60555
acceleration(166)	-6.81025	-2.17157	2.11208	3.28011	-1.41421	3.54593	-4.96185
acceleration(167)	4	-0.59236	-6.2111	-4.11783	2.27059	-4.47214	4.07187
acceleration(168)	1.7082	4.47214	9	3.54593	-0.97591	2.00657	-5.544
acceleration(169)	-4.7082	-3.87978	-5.52786	-3.7082	-1.88704	2.16048	5
acceleration(170)	6.544	-2.82843	1.18472	5.544	3.59488	-4.40312	-5.76393
acceleration(171)	-7.12979	2	1.05135	-6.544	-2.66867	6.94427	4.47214
acceleration(172)	3.05792	9.18034	-1.7082	6.24621	4.4535	-7.94427	0
acceleration(173)	1.61063	-6.18034	4.05539	-6.24621	-4.01022	7.60233	-3.7082
acceleration(174)	-1.61063	1.32456	-7.64117	4.7082	1.49347	-6.60233	4.07107
acceleration(175)	0.527864	-1.32456	5.8659	-4.47214	-2.86295	6.48528	-4.835
acceleration(176)	-3.58579	-4	-5.28011	1.88704	3.84669	-6.48528	7.96197
acceleration(177)	5.29399	1	6	1.95966	-6.08276	-1	-5.19804
acceleration(178)	-6.7082	6.94427	-4	1.19735	6	-0.07692	2.28011
acceleration(179)	4.12311	-6.94427	2.32456	-5.8659	-4.58579		-5.8659
acceleration(180)	-2.70889	4.32456	0	4.66855	0		2.58579
acceleration(181)	-0.41421	-3.49613	-2.32456	-2.08276	0.821854		6.04988
acceleration(182)	1	-1.82843	2	0.472136	-0.23607		-7.81381
acceleration(183)	3.65685	8.21954	-4	-0.47214	0		6.76393
acceleration(184)	-3.42079	-6.98348	5	-2	-1		-7.58579
acceleration(185)	3.42079	-2.23607	-4	3.09902	0.414214		6.832
acceleration(186)	-1.18472	7.61577	7.04988	-0.85638	0		-5.41778
acceleration(187)	0	-6.61577	-6.8876	-4.24264	-1.41421		4.24264
acceleration(188)	4.01315	3	5.83772	1	0		-5.65685
acceleration(189)	-5.65685	2.40312	-6.17157	-1	2		6.832
acceleration(190)	4.38268	-4.16706	5.41778	4.47214	0		-4.24621
acceleration(191)	-4.97503	4.08849	-7.24621	-0.86659	-0.58579	3.60555	4.544
acceleration(192)	3.84669	1.7377	7.94427	-1.36948	3.58579	0.517554	-6.544
acceleration(193)	-4.08276	-8.06226	-6.7082	6.81932	-1.39445	2.20145	5.28011
acceleration(194)	6.24621	6.08276	4.47214	-6.05539	2.39445	11.1683	-5.04404
acceleration(195)	-6.01014	-0.6976	-1.32304	-0.17157	1	-9.4306	0.592359
acceleration(196)	4.97503	-3.1491	0.445787	3.49613	-5.58579	-1.9795	6.39112
acceleration(197)	-3.60555	1.76393	0.493603	-3.49613	6.64804	-1.61063	-6.98348
acceleration(198)	-0.77712	1.38516	-1.22554	4.38268	-6.64804	1.35882	6.98348
acceleration(199)	4.38268	-2.38516	4.12052	-4.97503	3.68481	0.251811	-7.21954
acceleration(200)	-6.2111	5.94427	-8.21954	4.16706	-3.09902	14.5085	6.48528
acceleration(201)	6.07107	-6.94427	7.60233	0	0.236068	-18.5913	-6.24921
acceleration(202)	-3.90879	-1	-5.44005	-2.28002	4.76393	3	6.24921
acceleration(203)	4.04882	6.07107	2.49458	3.088	-5.58579	-3	-4.01315
acceleration(204)	-4.97503	-4.835	2.4054	-3.2111	4.58579	2.47214	2.73897
acceleration(205)	6.01014	-0.82185	-2.67709	2.32456	-1.52786	-0.47214	-4.97503
acceleration(206)	-6.24621	5.65685	1.32304	-4.32456	-2.23607	0.472136	4.835
acceleration(207)	6.544	-5.07107	0	6.06226	3.84669	-1.30986	-6.07107
acceleration(208)	-6.30794	1.16228	-2.5851	-8.06226	-5.08276	-0.92621	4.65685

acceleration(209)	3.76393	1.93674	3.088	3.60555	5	4.08849	0
acceleration(210)	-2.39445	-2.27059	2.83877	4.01022	-3.17157	-4.32456	-1.65685
acceleration(211)	0.637089	3.25434	-8.04988	-6.20156	-0.59236	5.81025	4.94427
acceleration(212)	4.70163	-3.84669	4.32456	-0.41421	3.84669	-2.42508	-5.94427
acceleration(213)	-7.94427	0.592359	1.92166	1	-6.08276	-2.55674	-0.76393
acceleration(214)	2.60555	5.23383	-5.41778	0	5	2.17157	5.04404
acceleration(215)	2.719	-8.06226	7.17157	0	-1.83772	-2.17157	-4.11783
acceleration(216)	-3.32456	6.08276	-5	-1	-0.33385	4.98182	5.38173
acceleration(217)	3.7082	0	1	0	1.29468	-5.57418	-5.71558
acceleration(218)	-4.47214	-5.08276	0.708204	2.60555	-3.12311	0	4.38268
acceleration(219)	6.30794	1.23607	1.8358	-1.36948	3.47214	3.1491	-4.38268
acceleration(220)	-6.544	1.76393	-6.30794	4.97503	0	-4.38516	6.39112
acceleration(221)	0	-1.76393	4.08849	-3.2111	0	1	-4.21954
acceleration(222)	3.38516	1.88704	0.078569	-1.76393	-2.23607	2.47214	2.81025
acceleration(223)	-0.38517	1.87689	0	2.23607	3.76393	-1.64371	-6.81025
acceleration(224)	-5	-6	-0.07857	1.61063	-4	-0.82843	8.89949
acceleration(225)	6.08276	4.47214	-1.85242	-6.08276	4.08276	4.32456	-6.73722
acceleration(226)	-4.08276	0	1.52786	2	-3.84669	-3.49613	0
acceleration(227)	0.828427	-3.47214	4	2.47214	4.835	-0.59236	4.04882
acceleration(228)	-0.82843	1	-7.17157	-0.47214	-5.65685	4.47214	-4.04882
acceleration(229)	0	6.24621	7.9419	-2	5.29399	-3.7082	4.64797
acceleration(230)	1	-6.24621	-4.44577	6.94427	-4.47214	2.83095	-4.81025
acceleration(231)	-2	-2	-1.85242	-6.7082	3.1491	0	5.06226
acceleration(232)	1	0	2.73897	-0.23607	-3.97095	-4.41674	-4.89998
acceleration(233)	1.60555	2	1.27418	6	4.66855	4.24264	5.83772
acceleration(234)	-2.60555	-1	-5.65685	-5	-3.25434	-0.27169	-8
acceleration(235)	-1	0	5.65685	1.47214	1.29468	-2.55674	7.06226
acceleration(236)	3	2.60555	-2.82843	-3.05792	-1.29468	4.38268	-5.82619
acceleration(237)	1.12311	-1.60555	0	-0.35355	1.64371	-5.2111	3.84669
acceleration(238)	-1.88704	2.47214	1.55425		-2.23607	0.236068	-2.08276
acceleration(239)	-0.82185	21.7767	0		4.47214	4.97503	-1.17157
acceleration(240)	4.58579	-7.64773	-3.2111		-4.47214	-4.97503	5.23383
acceleration(241)	-2	-9.16709	6	18.4391	0.92621	2.76393	-5.82619
acceleration(242)	-1.76393	-0.62893	-2.7889	-14.1964	-0.21082	2.61577	4.08849
acceleration(243)	3.42079		-2.73897	-2.24264		-5.61577	-2.20145
acceleration(244)	-1.65685		3.77408	-0.58579		5.07107	3.68714
acceleration(245)	4.94427		-6.01014	9.76613		-4.835	-5.57418
acceleration(246)	-5.78199		6.30794	14.1376		0.763932	5.82619
acceleration(247)	1.93674		-4.4209	-15.8311		3.08276	-5.23383
acceleration(248)	-0.62688		1.95966	-0.26729		-5.08276	4.24264
acceleration(249)	1.61063		0	13.6278		6.28011	-2.94796
acceleration(250)	-4.08276		0.625441	-18.8473		-5.04404	1.53375
acceleration(251)	4.08276		1.53801	-0.39445		-2.23607	-1.65685
acceleration(252)	-1.61063		-2.16345	-0.60555		4	2.32456
acceleration(253)	-0.86659		-1.61063	1		0	-2.32456
acceleration(254)	4.39445		5.57774	-0.83772		0.123106	-2
acceleration(255)	-4.39445		-6.04988	1.93674		0.876894	-2
acceleration(256)	1.77961		2.08276	0.731932		-4	0
acceleration(257)	-1.77961	1	4.11528	0.877252	2	8.21954	0
acceleration(258)	3.10265	1	-7.36961	-2.5851	2.47214	-6.21954	2

acceleration(259)	-4.7082	0.828427	5.23383	-1.29468	-0.86659	4.07107	3.09902
acceleration(260)	6.06226	0	0	3.49613	0	-5.07107	-1.49347
acceleration(261)	-5.06226	0.777124	-3.59012	-1.85242	-1.60555	2.47214	-0.77712
acceleration(262)	1.47214	-1.36948	4.52786	-0.34903	5.07107	2.73897	3.25434
acceleration(263)	0.527864	0	-1.18975	1.95966	-6.07107	-5.79689	-3.25434
acceleration(264)	3.06226	0.763932	-3.81025	-2.47721	5.32456	7.07107	2.17157
acceleration(265)	-6.64804	2	4.24621	0.866585	-4.08849	-5.323	4.89949
acceleration(266)	7.07107	-2.76393	-4.12311	0	4.08849	-1.74806	-7.66343
acceleration(267)	-6.24921	0.592359	3.93915	2.23607	-2.719	2.70889	0
acceleration(268)	4.16706	0	0.882014	-4.47214	1.39445	2.28002	4.47214
acceleration(269)	-2.40312	-0.59236	-3.94427	1.88704	-2.76393	-4.16706	-3.87978
acceleration(270)	1.65685	1.36948	3.94427	0.876894	5.37971	6.01014	1.64371
acceleration(271)	-3.65685	-0.77712	-1.3285	0	-5.61577	-4.64066	2.73897
acceleration(272)	1.60555	-0.59236	-1.53301	-0.52786	2.47214	4.64066	-7.2111
acceleration(273)	2.79757	-2.23607	0	1.61063	-2.23607	-5.41778	2
acceleration(274)	-4.16706	4	2.46124	-5.08276	4.16706	4.24264	-2
acceleration(275)	3.84669	-1.76393	-2.21945	7.48528	-3.24085	-6.07107	3.60555
acceleration(276)	-3.84669	0.592359	-0.24179	-8.48528	1.83772	1.82843	-1.36948
acceleration(277)	5.37971	3.49613	-5.08276	8.48528	-2.17157	3.5747	-2.23607
acceleration(278)	-4.4535	-3.32456	25.4197	-8.48528	3.49613	-1.93099	2
acceleration(279)	2.92048	-3	-22.4197	8.48528	-3.32456	-2.23607	-2
acceleration(280)	-4.08276	2	15.2094	-4.48528	3.40312	4.97503	0
acceleration(281)	6.24621	3.83095	-9.30988	2.7082	-1.93099	-4.38268	1.41421
acceleration(282)	-6.24621	-4.83095	-0.46551	-0.87725	-1.64371	4.38268	2.19134
acceleration(283)	1.60555	1.82843	-4.43398	-4.83095	1.64371	-4.38268	-2.60555
acceleration(284)	2.39445	3.5747	20.1794	6.2111	0	1.64371	3
acceleration(285)	-4	-4.16706	-18.8548	-5.2111	1.93099	-1.64371	-2
acceleration(286)	6.06226	-1.23607	-3.49613	3.65685	-3.40312	0	1
acceleration(287)	-6.06226	1.82843	2.55674	-3.65685	5.24621	4.98182	-1
acceleration(288)	7.05539	4.98182	-0.28615	4.32456	-4.24621	-6.81025	3
acceleration(289)	-7.64117	-5.57418	0.557835	-1.85242	0.472136	3.47214	-0.75736
acceleration(290)	1.41421	-0.82185	1.55425	1.61063	0.527864	-0.86659	-0.11954
acceleration(291)	5.23383	5.29399	-3.2111	-1.08276	-0.87689	-3.60555	-1.29468
acceleration(292)	-6.06226	-4.7082	0.472136	-0.52786	3.088	5.83095	3.49613
acceleration(293)	4.08276	1.60555	4.01315	-0.47214	-4.97503	-2.66867	-4.32456
acceleration(294)	-2.08276	4.93845	-6.48528	0.472136	4.47214	0	4
acceleration(295)	0.123106	-7.12979	4.40312	-0.86659	-2.7082	4.89998	-4
acceleration(296)	2.5851	0	-4.16706	3.60555	1.65685	-5.82619	4.08276
acceleration(297)	-2.23607	5.29399	6.24921	-4.38268	-2.65685	3.84669	-3.25434
acceleration(298)	3.14364	-4.47214	-1.27418	5.23383	0.605551	-2.08276	3.17157
acceleration(299)	-6.61577	-0.23607	-2.73897	-5.82619	0.866585	4.544	-3.76393
acceleration(300)	7.48528	3.83095	1.18472	4.47214	-0.47214	-5.544	4.97503
acceleration(301)	-6.48528	-0.73193	-2.65685	-0.7082	0.123106	4.61577	-4.97503
acceleration(302)	4.40312	-3.09902	13.1245	-3.17157	0.975914	-4.61577	1.88704
acceleration(303)	-2.28002	-1	-5.68421	3.17157	-0.62688	2.83095	1.87689
acceleration(304)	-3.12311	5.08276	-0.39043	-3	-1.30986	-3.83095	-5
acceleration(305)	4.83095	-5.08276	10.5657	6	-0.92621	4.32456	0
acceleration(306)	-3.00252	1	-19.2013	-6.76393	-2.23607	-4.32456	-1
acceleration(307)	-0.59236	2.12311	0.585786	5.04404	2.23607	3	1
acceleration(308)	7.76393	-1.88704	2	-5.04404	0.592359	-0.52786	1.23607

acceleration(309)	-9	-2.23607	-2.58579	5.57418	0.777124	1.85242	1.36948
acceleration(310)	2.60555	6.7082	1.58579	-5.57418	-2.60555	-2.32456	-2.19134
acceleration(311)	4.64066	-4.47214	3	3.42079	2	0.242641	0
acceleration(312)	-6.24621	0	-1.52786	-0.27169	1.47214	1.75736	0
acceleration(313)	2.47214	5.37971	-0.34903	-0.28615	-2.23607	-1.52786	0
acceleration(314)	1.18472	-6.61577	2.87689	-1.49347	-1.23607	2.23607	2.70889
acceleration(315)	0.74627	1.23607	-3.39445	2.0513	0	-1.60918	-4.12311
acceleration(316)	-1.3041	4.08849	4.64066	2.1534	4	-1.93674	2.23607
acceleration(317)	-1.09902	-6.32456	-6.24621	-6.81025	-1.39445	-1.16228	-0.23607
acceleration(318)	3.2111	2	6	6.2111	-2.60555	4.32456	-1
acceleration(319)	-4.97503	4.7082	-5	-1.82594	0.414214	-4.32456	1
acceleration(320)	5.04404	-5.7082	3.08276	0.445787	-1.41421	2.12311	3.09902
acceleration(321)	-3.28011	3.24264	-0.08276	-0.1741	2	2.87689	-1.93674
acceleration(322)	1.83095	0.856379	0.708204	-1.53375	-1	-6	3.54593
acceleration(323)	-4.83095	-4.09902	1.35405	5.09644	4.65685	7.06226	-6.7082
acceleration(324)	8.43398	1.23607	-6.06226	-6.98348	-1.65685	-5.23383	7.2111
acceleration(325)	-6.60555	3.84669	4.08276	1.76393	-2	4.24264	-4.2111
acceleration(326)	4.78735	-5.08276	-2.92048	2	1	-4.835	0.605551
acceleration(327)	-5.61577	3.47214	3.83772	0.082763	0.605551	4.08849	-0.77712
acceleration(328)	1.16228	0	1	-1.61063	-1.36948	-3.32456	-0.82843
acceleration(329)	3.24085	-0.47214	-4	2.73897	2.23607	1	2
acceleration(330)	-1.01796	-2	2.7082	-3.60555	-0.86659	2.32456	-3
acceleration(331)	-3.1491	2.47214	1.35405	4.64066	0.517554	1.67544	3.12311
acceleration(332)	-1.23607	-2.23607	-6.06226	-6.01014	0.34903	-5.17157	-1.29468
acceleration(333)	-1	2.76393	8.44031	5.57418	-1.64371	-0.82843	0.171573
acceleration(334)	0	-2.17157	-5.96817	-5.81025	1.64371	4.08276	-2
acceleration(335)	3.60555	-1.82843	1.85242	4.7082	0	-3.08276	4.09902
acceleration(336)	0	2.16228	-2.719	-4.47214	1.93099	3	-5.09902
acceleration(337)	-0.77712	1.83772	2.47721	4.97503	-4.16706	1	1
acceleration(338)	0.333851	-2.76393	1.91724	-6.2111	2.23607	-2.87689	3.24264
acceleration(339)	-0.16228	-1.23607	-4	7.94427	-2.23607	2.5851	-0.24264
acceleration(340)	-0.76393	0	2.7082	-5.94427	4.16706	1.2918	-0.39445
acceleration(341)	-2.23607	7.48528	1.35405	3.7082	-4.40312	-3	1.77961
acceleration(342)	1	-5.48528	-5.23383	-3.7082	4.40312	1.32456	0.445787
acceleration(343)	0.414214	-2	4.38268	5.24621	-1.40312	-4.08849	-1.35882
acceleration(344)	-0.41421	1.23607	-2.73897	-1.53801	-2.17157	3.84669	-0.34903
acceleration(345)	2.16228	2.23607	0.527864	-2.7082	4.45168	0.241793	1.26206
acceleration(346)	-1.16228	-1.64371	-5	3.61577	-3.157	-2.20145	0.697598
acceleration(347)	0	-0.82843	31.5753	-6.20156	2.20145	4.4209	-1.08276
acceleration(348)	0.828427	3	-28.5753	6.832	-0.93939	-0.48175	1.08276
acceleration(349)	-0.59236	-1.83772	17.2485	-4.12311	-0.28615	-5.82619	-2.92048
acceleration(350)	1.76393	3.54593	-18.0124	1.87689	0.731932	-2.23607	4.4535
acceleration(351)	-2	-4.7082	30.6577	-1.52786	-2.66867	1	-4.78735
acceleration(352)	2.47214	5.2111	-26.1856	1.52786	2.66867	1.23607	5.41778
acceleration(353)	-1.64371	-4.38268	0.362864	0.082763	0.877252	-2.23607	-6.01014
acceleration(354)	0	-1.82843	-0.74651	-2.47721	-3.10265	0	5.04404
acceleration(355)	2.27059	5.32456	-0.24179	3.67456	0.517554	0	-3.67456
acceleration(356)	-0.62688	-4.32456	-4.08276	-4.28011	1.87689	1.41421	3.10265
acceleration(357)	-3.47214	0.236068	2.47214	5.24621	-1.75736	0	-2.5851
acceleration(358)	2.60555	4.97503	1.52786	-6.01014	1.14252	0.585786	1.95966

acceleration(359)

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-7.21954
5.07107

-4.835
5.76393
-6
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-3.2111
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-1.05135
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-1.85242
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-5.44005
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-4
-0.15385

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-0.23607
-2
5.38516
-3.38516
2
-2
-2
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0
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0.592359
-0.82843

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-3.60555
2
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-2.70889
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-0.59236
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2

-2

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-0.76393

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1.39445

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-5.32456

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-6.30794

1.36948

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-6.58579

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-5.23383

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-7

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1.7082

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0

0.171573

3.40312

32.1974

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-2.78917

-23.4951

2.47214

-2.47214

3

-2.76393

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-3
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7.76393
-5
-5
3.60555
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-9.57942
-5.81665
-0.52786
0.626884
2.11208
-4.04882
3.16228

4.27698e-314

	larva(0)	larva(1)	larva(2)	larva(3)	larva(4)	larva(5)	larva(6)
acc_dst(179)	732.333	634.12	1006.79	823.935	613.717	713.037	665.374
urazena vzdalenost (cm)	9.154163	7.9265	12.58488	10.29919	7.671463	8.912963	8.317175

larva(7)
808.667

10.10834

is_coiled(49)	0	0	0	0	0	0	0	0
is_coiled(50)	0	0	0	0	0	0	0	0
is_coiled(51)	0	0	0	0	0	0	0	0
is_coiled(52)	0	0	0	0	0	0	0	0
is_coiled(53)	0	0	0	0	0	0	0	0
is_coiled(54)	0	0	0	0	0	0	0	0
is_coiled(55)	0	0	0	0	0	0	0	0
is_coiled(56)	0	0	0	0	0	0	0	0
is_coiled(57)	0	0	0	0	0	0	0	0
is_coiled(58)	0	0	0	0	0	0	0	0
is_coiled(59)	0	0	0	0	0	0	0	0
is_coiled(60)	0	0	0	0	0	0	0	0
is_coiled(61)	0	0	0	0	0	0	0	0
is_coiled(62)	0	0	0	0	0	0	0	0
is_coiled(63)	0	0	0	0	0	0	0	0
is_coiled(64)	0	0	0	0	0	0	0	0
is_coiled(65)	0	0	0	0	0	0	0	0
is_coiled(66)	0	0	0	0	0	0	0	0
is_coiled(67)	0	0	0	0	0	0	0	0
is_coiled(68)	0	0	0	0	0	0	0	0
is_coiled(69)	0	0	0	0	0	0	0	0
is_coiled(70)	0	0	0	0	0	0	0	0
is_coiled(71)	0	0	0	0	0	0	0	0
is_coiled(72)	0	0	0	0	0	0	0	0
is_coiled(73)	0	0	0	0	0	0	0	0
is_coiled(74)	0	0	0	0	0	0	0	0
is_coiled(75)	0	0	0	0	0	0	0	0
is_coiled(76)	0	0	0	0	0	0	0	0
is_coiled(77)	0	0	0	0	0	0	0	0
is_coiled(78)	0	0	0	0	0	0	0	0
is_coiled(79)	0	0	0	0	0	0	0	0
is_coiled(80)	0	0	0	0	0	0	0	0
is_coiled(81)	0	0	0	0	0	0	0	0
is_coiled(82)	0	0	0	0	0	0	0	0
is_coiled(83)	0	0	0	0	0	0	0	0
is_coiled(84)	0	0	0	0	0	0	0	0
is_coiled(85)	0	0	0	0	0	0	0	0
is_coiled(86)	0	0	0	0	0	0	0	0
is_coiled(87)	0	0	0	0	0	0	0	0
is_coiled(88)	0	0	0	0	0	0	0	0
is_coiled(89)	0	0	0	0	0	0	0	0
is_coiled(90)	0	0	0	0	0	0	0	0
is_coiled(91)	0	0	0	0	0	0	0	0
is_coiled(92)	0	0	0	0	0	0	0	0
is_coiled(93)	0	0	0	0	0	0	0	0
is_coiled(94)	0	0	0	0	0	0	0	0
is_coiled(95)	0	0	0	0			0	0
is_coiled(96)	0	0	0	0			0	0
is_coiled(97)	0	0	0	0			0	0
is_coiled(98)	0	0	0	0			0	0

is_coiled(99)	0	0	0	0			0	0
is_coiled(100)	0	0	0	0			0	0
is_coiled(101)	0	0	0	0			0	0
is_coiled(102)	0	0	0	0			0	0
is_coiled(103)	0	0	0	0	0	0	0	0
is_coiled(104)	0	0	0	0	0	0	0	0
is_coiled(105)	0	0	0	0	0	0	0	0
is_coiled(106)	0	0	0	0	0	0	0	0
is_coiled(107)	0	0	0	0	0	0	0	0
is_coiled(108)	0	0	0	0	0	0	0	0
is_coiled(109)	0	0	0	0	0	0	0	0
is_coiled(110)	0	0	0	0	0	0	0	0
is_coiled(111)	0	0	0	0	0	0	0	0
is_coiled(112)	0	0	0	0	0	0	0	0
is_coiled(113)	0	0	0	0	0	0	0	0
is_coiled(114)	0	0	0	0	0	0	0	0
is_coiled(115)	0	0	0	0	0	0	0	0
is_coiled(116)	0	0	0	0	0	0	0	0
is_coiled(117)	0	0	0	0	0	0	0	0
is_coiled(118)	0	0	0	0	0	0	0	0
is_coiled(119)	0	0	0	0	0	0	0	0
is_coiled(120)	0	0	0	0	0	0	0	0
is_coiled(121)	0	0	0	0	0	0	0	0
is_coiled(122)	0	0	0	0	0	0	0	0
is_coiled(123)	0	0	0	0	0	0	0	0
is_coiled(124)	0	0	0	0	0	0	0	0
is_coiled(125)	0	0	0	0	0	0	0	0
is_coiled(126)	0	0	0	0	0	0	0	0
is_coiled(127)	0	0	0	0	0	0	0	0
is_coiled(128)	0	0	0	0	0	0	0	0
is_coiled(129)	0	0	0	0	0	0	0	0
is_coiled(130)	0	0	0	0	0	0	0	0
is_coiled(131)	0	0	0	0	0	0	0	0
is_coiled(132)	0	0	0	0	0	0	0	0
is_coiled(133)	0	0	0	0	0	0	0	0
is_coiled(134)	0	0	0	0	0	0	0	0
is_coiled(135)	0	0	0	0	0	0	0	0
is_coiled(136)	0	0	0	0	0	0	0	0
is_coiled(137)	0	0	0	0	0	0	0	0
is_coiled(138)	0	0	0	0	0	0	0	0
is_coiled(139)	0	0	0	0	0	0	0	0
is_coiled(140)	0	0	0	0	0	0	0	0
is_coiled(141)	0	0	0	0	0	0	0	0
is_coiled(142)	0	0	0	0	0	0	0	0
is_coiled(143)	0	0	0	0	0	0	0	0
is_coiled(144)	0	0	0	0	0	0	0	0
is_coiled(145)	0	0	0	0	0	0	0	0
is_coiled(146)	0	0	0	0	0	0	0	0
is_coiled(147)	0	0	0	0	0	0	0	0
is_coiled(148)	0	0	0	0	0	0	0	0

is_coiled(149)	0	0	0	0	0	0	0	0
is_coiled(150)	0	0	0	0	0	0	0	0
is_coiled(151)	0	0	0	0	0	0	0	0
is_coiled(152)	0	0	0	0	0	0	0	0
is_coiled(153)	0	0	0	0	0	0	0	0
is_coiled(154)	0	0	0	0	0	0	0	0
is_coiled(155)	0	0	0	0	0	0	0	0
is_coiled(156)	0	0	0	0	0	0	0	0
is_coiled(157)	0	0	0	0	0	0	0	0
is_coiled(158)	0	0	0	0	0	0	0	0
is_coiled(159)	0	0	0	0	0	0	0	0
is_coiled(160)	0	0	0	0	0	0	0	0
is_coiled(161)	0	0	0	0	0	0	0	0
is_coiled(162)	0	0	0	0	0	0	0	0
is_coiled(163)	0	0	0	0	0	0	0	0
is_coiled(164)	0	0	0	0	0	0	0	0
is_coiled(165)	0	0	0	0	0	0	0	0
is_coiled(166)	0	0	0	0	0	0	0	0
is_coiled(167)	0	0	0	0	0	0	0	0
is_coiled(168)	0	0	0	0	0	0	0	0
is_coiled(169)	0	0	0	0	0	0	0	0
is_coiled(170)	0	0	0	0	0	0	0	0
is_coiled(171)	0	0	0	0	0	0	0	0
is_coiled(172)	0	0	0	0	0	0	0	0
is_coiled(173)	0	0	0	0	0	0	0	0
is_coiled(174)	0	0	0	0	0	0	0	0
is_coiled(175)	0	0	0	0	0	0	0	0
is_coiled(176)	0	0	0	0	0	0	0	0
is_coiled(177)	0	0	0	0	0	0	0	0
is_coiled(178)	0	0	0	0	0	0	0	0
is_coiled(179)	0	0	0	0	0	0	0	0
suma	0	0	0	0	0	0	0	0

go_phase(49)	1	0	1	1	1	1	0	1
go_phase(50)	1	1	1	1	1	1	0	1
go_phase(51)	1	0	1	1	1	1	0	1
go_phase(52)	1	0	1	1	1	1	0	1
go_phase(53)	1	0	1	1	1	1	0	1
go_phase(54)	1	0	1	1	1	1	0	1
go_phase(55)	0	0	1	1	1	1	0	1
go_phase(56)	1	0	1	1	1	1	0	1
go_phase(57)	1	0	1	0	1	1	1	1
go_phase(58)	1	0	1	1	1	1	1	1
go_phase(59)	1	0	1	1	1	1	1	1
go_phase(60)	1	0	1	1	1	1	1	1
go_phase(61)	1	0	1	1	1	1	1	1
go_phase(62)	1	1	1	1	1	1	1	1
go_phase(63)	1	1	1	1	1	1	0	1
go_phase(64)	1	1	1	1	1	1	1	1
go_phase(65)	1	1	1	1	0	1	1	1
go_phase(66)	1	1	1	1	0	1	1	1
go_phase(67)	1	1	1	1	0	1	1	1
go_phase(68)	1	1	1	1	0	1	1	1
go_phase(69)	1	0	1	1	0	1	1	1
go_phase(70)	1	1	1	1	0	1	1	1
go_phase(71)	1	1	1	1	1	0	1	0
go_phase(72)	1	1	1	0	0	1	1	1
go_phase(73)	1	1	1	0	0	1	1	1
go_phase(74)	1	1	1	1	0	1	0	1
go_phase(75)	1	0	1	0	1	1	0	1
go_phase(76)	1	0	1	1	0	1	1	1
go_phase(77)	1	0	1	1	0	1	1	1
go_phase(78)	1	0	1	1	1	1	1	1
go_phase(79)	1	0	1	1	1	1	1	1
go_phase(80)	1	0	1	1	1	1	1	1
go_phase(81)	1	0	1	1	1	1	1	1
go_phase(82)	1	0	1	1	1	1	1	1
go_phase(83)	1	0	1	1	1	1	1	1
go_phase(84)	1	0	1	1	1	1	1	1
go_phase(85)	1	0	1	1	0	0	1	1
go_phase(86)	1	1	1	1	1	0	1	1
go_phase(87)	0	0	1	1	1	0	1	1
go_phase(88)	1	0	1	1	1	0	1	1
go_phase(89)	0	0	1	1	1	1	1	1
go_phase(90)	1	0	1	1	1	1	0	1
go_phase(91)	1	1	1	1	1	1	0	1
go_phase(92)	1	0	1	1	1	1	0	1
go_phase(93)	1	0	1	1	1	1	0	1
go_phase(94)	0	0	1	1	1	1	1	1
go_phase(95)	0	0	1	1			1	1
go_phase(96)	1	0	1	1			0	1
go_phase(97)	1	1	1	1			1	1
go_phase(98)	1	1	1	1			1	1

go_phase(149)	1	1	1	1	1	1	0	1
go_phase(150)	1	1	1	1	1	1	0	1
go_phase(151)	1	0	1	1	1	1	0	1
go_phase(152)	1	1	1	1	1	1	0	1
go_phase(153)	1	1	1	1	1	1	0	1
go_phase(154)	1	1	1	1	1	1	1	1
go_phase(155)	1	1	1	1	1	1	1	1
go_phase(156)	1	1	1	1	1	1	1	1
go_phase(157)	1	1	1	1	1	1	0	1
go_phase(158)	1	0	1	1	1	0	1	1
go_phase(159)	1	1	1	1	1	0	1	1
go_phase(160)	1	0	1	1	1	0	1	1
go_phase(161)	1	1	1	1	1	1	0	1
go_phase(162)	1	1	1	1	1	1	1	1
go_phase(163)	1	1	1	1	1	1	1	1
go_phase(164)	1	1	1	1	1	1	1	1
go_phase(165)	1	1	1	1	1	1	1	1
go_phase(166)	1	1	1	1	1	1	1	1
go_phase(167)	1	1	1	1	1	1	1	1
go_phase(168)	0	1	1	1	1	1	1	1
go_phase(169)	1	1	1	1	1	1	1	1
go_phase(170)	1	1	1	0	1	1	1	1
go_phase(171)	1	0	1	1	0	1	1	1
go_phase(172)	1	1	1	0	0	1	1	1
go_phase(173)	1	0	1	0	1	1	1	1
go_phase(174)	1	1	1	0	1	1	1	1
go_phase(175)	1	1	1	0	1	0	1	1
go_phase(176)	1	1	1	1	1	1	1	1
go_phase(177)	1	0	1	1	1	1	1	1
go_phase(178)	0	1	1	1	1	0	1	1
go_phase(179)	0	1	1	1	1		1	
suma	136	99	165	157	137	116	118	165
procenta	75.6	55.0	91.7	87.2	76.1	64.4	65.6	91.7

	larva(0)	larva(1)	larva(2)	larva(3)	larva(4)	larva(5)	larva(6)
left_bended(0)	0	0	0	0	0	0	0
left_bended(1)	0	0	0	0	0	0	0
left_bended(2)	0	0	0	0	0	0	0
left_bended(3)	0	0	0	0	0	0	0
left_bended(4)	0	0	0	0	0	0	0
left_bended(5)	0	0	0	0	0	0	0
left_bended(6)	0	0	0	0	0	0	0
left_bended(7)	0	0	0	0	0	0	0
left_bended(8)	0	0	0	0	0	0	0
left_bended(9)	0	0	0	0	0	0	0
left_bended(10)	0	0	0	0	0	0	0
left_bended(11)	0	0	0	0	0	0	0
left_bended(12)	0	0	0	0	0	0	0
left_bended(13)	0	0	0	0	0	0	0
left_bended(14)	0	0	0	0	0	0	0
left_bended(15)	0	0	0	0	0	0	0
left_bended(16)	0	0	0	0	0	0	0
left_bended(17)	0	0	0	0	0	0	0
left_bended(18)	0	0	0	0	0	0	0
left_bended(19)	0	0	0	0	0	1	0
left_bended(20)	0	0	0	0	0	1	0
left_bended(21)	0	0	0	0	0	1	0
left_bended(22)	0	0	0	0	0	0	0
left_bended(23)	0	0	0	0	0	0	0
left_bended(24)	0	0	0	0	0	0	0
left_bended(25)	0	0	0	0	0	0	0
left_bended(26)	0	0	0	0	0	1	0
left_bended(27)	0	0	0	0	0	1	0
left_bended(28)	0	0	0	0	0	1	0
left_bended(29)	0	1	0	0	0	0	0
left_bended(30)	0	0	0	0	0	0	0
left_bended(31)	0	1	0	0	0	0	0
left_bended(32)	0	1	0	0	0	0	0
left_bended(33)	0	0	0	0	0	0	0
left_bended(34)	0	0	0	0	0	0	0
left_bended(35)	0	0	0	0	0	0	0
left_bended(36)	0	0	0	0	0	0	0
left_bended(37)	0	0	0	0	1	0	1
left_bended(38)	0	0	0	0	1	0	0
left_bended(39)	0	0	0	0	0	0	0
left_bended(40)	0	0	0	0	0	0	0
left_bended(41)	0	0	0	0	0	0	0
left_bended(42)	0	0	0	0	0	0	0
left_bended(43)	1	0	0	0	0	0	0
left_bended(44)	1	1	0	0	0	0	0
left_bended(45)	0	0	0	0	0	0	0
left_bended(46)	0	0	0	0	0	0	0
left_bended(47)	1	0	0	0	0	0	0
left_bended(48)	0	0	0	0	0	0	0

left_bended(49)	0	0	0	0	0	0	0
left_bended(50)	0	0	0	0	0	0	0
left_bended(51)	0	0	0	0	0	0	0
left_bended(52)	0	0	0	0	0	0	0
left_bended(53)	0	0	0	0	0	0	0
left_bended(54)	0	0	0	0	0	0	0
left_bended(55)	1	1	0	0	0	0	1
left_bended(56)	0	1	0	0	0	0	1
left_bended(57)	0	1	0	0	0	0	0
left_bended(58)	0	1	0	0	0	0	0
left_bended(59)	0	1	0	0	0	0	0
left_bended(60)	0	1	0	0	0	0	0
left_bended(61)	0	1	0	0	0	0	0
left_bended(62)	0	0	0	0	0	0	0
left_bended(63)	0	0	0	0	0	0	0
left_bended(64)	0	0	0	0	0	0	0
left_bended(65)	0	0	0	0	0	0	0
left_bended(66)	0	0	0	0	0	0	0
left_bended(67)	0	0	0	0	0	0	0
left_bended(68)	0	0	0	0	0	0	0
left_bended(69)	0	0	0	0	0	0	0
left_bended(70)	0	0	0	0	0	0	0
left_bended(71)	0	0	0	0	0	0	0
left_bended(72)	0	0	0	0	1	0	0
left_bended(73)	0	0	0	0	1	0	0
left_bended(74)	0	0	0	0	1	0	0
left_bended(75)	0	1	0	0	0	0	1
left_bended(76)	0	1	0	0	1	0	0
left_bended(77)	0	1	0	0	1	0	0
left_bended(78)	0	1	0	0	0	0	0
left_bended(79)	0	1	0	0	0	0	0
left_bended(80)	0	1	0	0	0	0	0
left_bended(81)	0	1	0	0	0	0	0
left_bended(82)	0	1	0	0	0	0	0
left_bended(83)	0	1	0	0	0	0	0
left_bended(84)	0	1	0	0	0	0	0
left_bended(85)	0	1	0	0	0	1	0
left_bended(86)	0	0	0	0	0	1	0
left_bended(87)	0	1	0	0	0	1	0
left_bended(88)	0	1	0	0	0	1	0
left_bended(89)	0	1	0	0	0	0	0
left_bended(90)	0	1	0	0	0	0	0
left_bended(91)	0	0	0	0	0	0	0
left_bended(92)	0	1	0	0	0	0	0
left_bended(93)	0	1	0	0	0	0	0
left_bended(94)	1	1	0	0	0	0	0
left_bended(95)	1	1	0	0			0
left_bended(96)	0	1	0	0			0
left_bended(97)	0	0	0	0			0
left_bended(98)	0	0	0	0			0

left_bended(99)	0	0	0	0			1
left_bended(100)	0	0	0	0			1
left_bended(101)	0	0	0	0			1
left_bended(102)	0	0	0	0			1
left_bended(103)	0	0	0	0	0	1	0
left_bended(104)	0	0	0	0	0	1	0
left_bended(105)	1	0	0	0	0	1	0
left_bended(106)	1	0	0	0	0	1	0
left_bended(107)	1	0	0	0	0	1	0
left_bended(108)	1	1	1	0	0	1	0
left_bended(109)	1	1	0	0	0	1	0
left_bended(110)	1	1	0	0	0	0	0
left_bended(111)	1	1	0	0	0	0	0
left_bended(112)	1	1	0	0	0	0	0
left_bended(113)	1	1	0	0	0	0	0
left_bended(114)	1	1	0	0	0	0	0
left_bended(115)	1	0	0	0	0	0	0
left_bended(116)	0	0	0	0	0	0	0
left_bended(117)	0	1	0	0	0	0	0
left_bended(118)	0	1	0	0	0	0	0
left_bended(119)	0	1	0	0	0	0	0
left_bended(120)	0	1	0	0	0	0	0
left_bended(121)	0	1	0	0	0	0	0
left_bended(122)	0	1	0	0	0	0	0
left_bended(123)	0	1	0	0	0	0	0
left_bended(124)	0	1	0	0	0	0	1
left_bended(125)	0	1	0	0	0	0	1
left_bended(126)	0	0	0	0	0	0	1
left_bended(127)	0	0	0	0	0	0	0
left_bended(128)	0	0	0	0	0	0	0
left_bended(129)	0	0	0	0	0	0	1
left_bended(130)	0	0	0	0	0	0	1
left_bended(131)	0	0	0	0	0	0	1
left_bended(132)	0	0	0	0	0	0	1
left_bended(133)	0	0	0	0	0	0	1
left_bended(134)	0	0	0	0	0	0	0
left_bended(135)	0	0	0	0	0	0	0
left_bended(136)	0	0	0	0	0	0	0
left_bended(137)	0	0	0	0	0	0	0
left_bended(138)	0	0	0	0	0	0	0
left_bended(139)	0	0	0	0	0	0	0
left_bended(140)	0	0	0	0	0	0	0
left_bended(141)	0	0	0	0	0	0	0
left_bended(142)	0	0	0	0	0	0	0
left_bended(143)	0	0	0	0	0	0	0
left_bended(144)	0	0	0	0	0	0	0
left_bended(145)	0	0	0	0	0	0	0
left_bended(146)	0	0	0	0	0	0	0
left_bended(147)	0	0	0	0	0	0	0
left_bended(148)	0	0	0	0	0	0	0

left_bended(149)	0	0	0	0	0	0	0
left_bended(150)	0	0	0	0	0	0	0
left_bended(151)	0	0	0	0	0	0	0
left_bended(152)	0	0	0	0	0	0	0
left_bended(153)	0	0	0	0	0	0	0
left_bended(154)	0	0	0	0	0	0	0
left_bended(155)	0	0	0	0	0	0	0
left_bended(156)	0	0	0	0	0	0	0
left_bended(157)	0	0	0	0	0	0	0
left_bended(158)	0	0	0	0	0	1	0
left_bended(159)	0	0	0	0	0	1	0
left_bended(160)	0	1	0	0	0	1	0
left_bended(161)	0	0	0	0	0	0	0
left_bended(162)	0	0	0	0	0	0	0
left_bended(163)	0	0	0	0	0	0	0
left_bended(164)	0	0	0	0	0	0	0
left_bended(165)	0	0	0	0	0	0	0
left_bended(166)	0	0	0	0	0	0	0
left_bended(167)	0	0	0	0	0	0	0
left_bended(168)	0	0	0	0	0	0	0
left_bended(169)	0	0	0	0	0	0	0
left_bended(170)	0	0	0	0	0	0	0
left_bended(171)	0	0	0	0	0	0	0
left_bended(172)	0	0	0	0	0	0	0
left_bended(173)	0	1	0	0	0	0	0
left_bended(174)	0	0	0	0	0	0	0
left_bended(175)	0	0	0	0	0	1	0
left_bended(176)	0	0	0	0	0	0	0
left_bended(177)	0	0	0	0	0	0	0
left_bended(178)	0	0	0	0	0	0	0
left_bended(179)	0	0	0	0	0		0
right_bended(0)	0	0	0	0	0	1	0
right_bended(1)	0	0	0	0	0	0	0
right_bended(2)	0	0	0	0	0	1	0
right_bended(3)	0	0	0	0	0	0	0
right_bended(4)	0	0	0	0	0	0	0
right_bended(5)	0	0	0	0	1	0	0
right_bended(6)	0	0	0	0	1	0	0
right_bended(7)	0	0	0	0	0	0	0
right_bended(8)	0	0	0	0	1	0	0
right_bended(9)	0	0	0	0	0	0	0
right_bended(10)	0	0	0	0	0	0	0
right_bended(11)	0	0	0	0	1	0	0
right_bended(12)	0	0	0	0	0	0	0
right_bended(13)	1	0	0	0	0	0	0
right_bended(14)	1	0	1	0	1	0	0
right_bended(15)	1	0	1	0	0	0	0
right_bended(16)	1	0	1	0	0	0	0
right_bended(17)	1	0	0	0	0	0	0
right_bended(18)	1	0	0	1	1	0	0

right_bended(19)	1	0	0	1	0	0	0
right_bended(20)	1	0	0	1	1	0	0
right_bended(21)	1	0	1	1	1	0	0
right_bended(22)	1	0	1	1	1	0	0
right_bended(23)	1	0	0	0	1	0	0
right_bended(24)	0	0	0	1	1	0	0
right_bended(25)	0	0	0	0	0	0	0
right_bended(26)	0	0	0	1	1	0	0
right_bended(27)	0	0	0	1	1	0	0
right_bended(28)	0	0	0	0	0	0	0
right_bended(29)	0	0	0	0	0	1	0
right_bended(30)	0	0	0	0	0	1	0
right_bended(31)	0	0	0	0	0	1	0
right_bended(32)	0	0	0	0	0	1	0
right_bended(33)	0	0	0	0	0	1	0
right_bended(34)	0	0	0	0	0	1	0
right_bended(35)	0	0	0	0	0	1	0
right_bended(36)	0	1	0	0	0	1	0
right_bended(37)	0	1	0	0	0	1	0
right_bended(38)	0	0	0	0	0	1	0
right_bended(39)	0	0	0	0	0	1	0
right_bended(40)	0	0	0	0	0	0	0
right_bended(41)	0	0	0	0	0	0	0
right_bended(42)	0	1	0	0	0	0	1
right_bended(43)	0	1	0	0	0	0	1
right_bended(44)	0	0	0	0	0	0	1
right_bended(45)	0	1	0	0	0	0	1
right_bended(46)	0	1	0	0	0	0	1
right_bended(47)	0	0	0	0	0	0	1
right_bended(48)	0	0	0	0	0	0	1
right_bended(49)	0	1	0	0	0	0	1
right_bended(50)	0	0	0	0	0	0	1
right_bended(51)	0	1	0	0	0	0	1
right_bended(52)	0	1	0	0	0	0	1
right_bended(53)	0	1	0	0	0	0	1
right_bended(54)	0	1	0	0	0	0	1
right_bended(55)	0	0	0	0	0	0	0
right_bended(56)	0	0	0	0	0	0	0
right_bended(57)	0	0	0	1	0	0	0
right_bended(58)	0	0	0	0	0	0	0
right_bended(59)	0	0	0	0	0	0	0
right_bended(60)	0	0	0	0	0	0	0
right_bended(61)	0	0	0	0	0	0	0
right_bended(62)	0	0	0	0	0	0	0
right_bended(63)	0	0	0	0	0	0	0
right_bended(64)	0	0	0	0	0	0	0
right_bended(65)	0	0	0	0	1	0	0
right_bended(66)	0	0	0	0	1	0	0
right_bended(67)	0	0	0	0	1	0	0
right_bended(68)	0	0	0	0	1	0	0

right_bended(69)	0	0	0	0	1	0	0
right_bended(70)	0	0	0	0	1	0	0
right_bended(71)	0	0	0	0	0	0	0
right_bended(72)	0	0	0	1	0	0	0
right_bended(73)	0	0	0	1	0	0	0
right_bended(74)	0	0	0	0	0	0	0
right_bended(75)	0	0	0	1	0	0	0
right_bended(76)	0	0	0	0	0	0	0
right_bended(77)	0	0	0	0	0	0	0
right_bended(78)	0	0	0	0	0	0	0
right_bended(79)	0	0	0	0	0	0	0
right_bended(80)	0	0	0	0	0	0	0
right_bended(81)	0	0	0	0	0	0	0
right_bended(82)	0	0	0	0	0	0	0
right_bended(83)	0	0	0	0	0	0	0
right_bended(84)	0	0	0	0	0	0	0
right_bended(85)	0	0	0	0	0	0	0
right_bended(86)	0	0	0	0	0	0	0
right_bended(87)	0	0	0	0	0	0	0
right_bended(88)	0	0	0	0	0	0	0
right_bended(89)	0	0	0	0	0	0	0
right_bended(90)	0	0	0	0	0	0	0
right_bended(91)	0	0	0	0	0	0	1
right_bended(92)	0	0	0	0	0	0	1
right_bended(93)	0	0	0	0	0	0	1
right_bended(94)	0	0	0	0	0	0	0
right_bended(95)	0	0	0	0			0
right_bended(96)	0	0	0	0			1
right_bended(97)	0	0	0	0			0
right_bended(98)	0	0	0	0			0
right_bended(99)	0	0	0	0			0
right_bended(100)	1	0	0	0			0
right_bended(101)	0	0	0	0			0
right_bended(102)	0	0	0	0			0
right_bended(103)	1	0	0	0	0	0	0
right_bended(104)	1	0	0	0	0	0	0
right_bended(105)	0	0	0	0	0	0	1
right_bended(106)	0	0	0	0	0	0	1
right_bended(107)	0	0	0	0	0	0	1
right_bended(108)	0	0	0	0	0	0	1
right_bended(109)	0	0	0	0	0	0	1
right_bended(110)	0	0	0	0	0	0	0
right_bended(111)	0	0	1	0	0	1	0
right_bended(112)	0	0	1	0	0	0	0
right_bended(113)	0	0	1	0	0	0	0
right_bended(114)	0	0	0	0	0	0	0
right_bended(115)	0	0	0	0	0	0	0
right_bended(116)	0	0	0	1	0	0	0
right_bended(117)	0	0	0	0	0	0	0
right_bended(118)	0	0	0	0	0	0	0

right_bended(119)	0	0	0	0	0	0	0
right_bended(120)	0	0	0	0	0	0	0
right_bended(121)	0	0	0	0	0	0	0
right_bended(122)	0	0	0	0	0	0	0
right_bended(123)	0	0	0	0	0	0	0
right_bended(124)	0	0	0	0	0	0	0
right_bended(125)	0	0	0	0	0	0	0
right_bended(126)	0	1	0	0	0	0	0
right_bended(127)	0	1	0	0	0	0	0
right_bended(128)	0	1	0	0	0	0	0
right_bended(129)	0	1	0	0	0	1	0
right_bended(130)	0	1	0	0	0	1	0
right_bended(131)	0	0	0	0	0	1	0
right_bended(132)	0	0	0	0	0	1	0
right_bended(133)	0	0	0	0	0	1	0
right_bended(134)	0	0	0	0	0	1	0
right_bended(135)	0	0	0	0	0	1	0
right_bended(136)	0	0	0	0	0	1	0
right_bended(137)	0	0	0	0	0	1	0
right_bended(138)	0	0	0	0	0	1	0
right_bended(139)	0	0	0	1	0	1	0
right_bended(140)	0	0	0	0	0	1	0
right_bended(141)	0	0	0	0	0	0	0
right_bended(142)	0	0	0	0	0	1	0
right_bended(143)	0	0	0	0	0	0	0
right_bended(144)	0	0	0	0	0	0	0
right_bended(145)	0	1	0	0	0	0	0
right_bended(146)	0	0	0	0	0	0	0
right_bended(147)	0	0	0	0	0	0	1
right_bended(148)	0	0	0	0	0	0	1
right_bended(149)	0	0	0	0	0	0	1
right_bended(150)	0	0	0	0	0	0	1
right_bended(151)	0	0	0	0	0	0	1
right_bended(152)	0	0	0	0	0	0	1
right_bended(153)	0	0	0	0	0	0	1
right_bended(154)	0	0	0	0	0	0	0
right_bended(155)	0	0	0	0	0	0	0
right_bended(156)	0	0	0	0	0	0	0
right_bended(157)	0	0	0	0	0	0	1
right_bended(158)	0	0	0	0	0	0	0
right_bended(159)	0	0	0	0	0	0	0
right_bended(160)	0	0	0	0	0	0	0
right_bended(161)	0	0	0	0	0	0	1
right_bended(162)	0	0	0	0	0	0	0
right_bended(163)	0	0	0	0	0	0	0
right_bended(164)	0	0	0	0	0	0	0
right_bended(165)	0	0	0	0	0	0	0
right_bended(166)	0	0	0	0	0	0	0
right_bended(167)	0	0	0	0	0	0	0
right_bended(168)	0	0	0	0	0	0	0

right_bended(169)	0	0	0	0	0	0	0
right_bended(170)	0	0	0	1	0	0	0
right_bended(171)	0	0	0	0	1	0	0
right_bended(172)	0	0	0	1	1	0	0
right_bended(173)	0	0	0	1	0	0	0
right_bended(174)	0	0	0	1	0	0	0
right_bended(175)	0	0	0	1	0	0	0
right_bended(176)	0	0	0	0	0	0	0
right_bended(177)	0	0	0	0	0	0	0
right_bended(178)	1	0	0	0	0	0	0
right_bended(179)	0	0	0	0	0		0
suma	32	66	9	19	28	48	47

0
0
0
0
0
0
0
0
0
0
0

8

	larva(0)	larva(1)	larva(2)	larva(3)	larva(4)	larva(5)	larva(6)	larva(7)
velocity(0)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
velocity(1)	0	8	6.08276	3.16228	1.41421	5.65685	2.23607	4.12311
velocity(2)	6.32456	1	6.08276	7.2111	2.23607	4.47214	2	2.82843
velocity(3)	4.47214	8	4.12311	1.41421	2	6.32456	3.16228	2
velocity(4)	2	4	10.7703	3.60555	2.23607	4.47214	3.16228	3
velocity(5)	8.48528	4.12311	4.12311	6.32456	1.41421	5.09902	4	3.16228
velocity(6)	0	5.09902	4.47214	2.23607	5	4	2.23607	1.41421
velocity(7)	8.94427	3.16228	6.32456	7.81025	2.23607	4	3.60555	1
velocity(8)	4.12311	6.7082	6	1	3.60555	2.23607	2.23607	4
velocity(9)	6.7082	3.60555	4.47214	7.2111	1	5.38516	3.60555	3
velocity(10)	5.38516	6	8.544	4.12311	5	4.24264	4.12311	5.83095
velocity(11)	2.82843	2.82843	1	8.06226	3.60555	5.83095	2.23607	2.23607
velocity(12)	0	8.06226	4	3.60555	5.65685	4.47214	2	0
velocity(13)	4.12311	1	2.23607	4.47214	2.23607	5.83095	4.12311	4.47214
velocity(14)	5	8	2.23607	2.82843	5.09902	5.09902	2.23607	4
velocity(15)	3.16228	2.23607	4.12311	4.12311	1	4.47214	2	6.40312
velocity(16)	8.06226	6.08276	4.12311	4	5	3.16228	6.7082	2
velocity(17)	2	4	2	2	1	3	2.82843	2.23607
velocity(18)	1	1.41421	0	2	2	2	3.60555	2
velocity(19)	6.32456	5.38516	7.2111	2	5	7	4.12311	5.65685
velocity(20)	3	2	3	3	3.16228	1.41421	4.47214	6.32456
velocity(21)	1	8.06226	2.82843	2	3.16228	4	2.23607	0
velocity(22)	1.41421	1	1	3.60555	4.47214	2.82843	4.12311	4.12311
velocity(23)	6	2	8.24621	8	2.82843	2	4.12311	4.47214
velocity(24)	5.09902	6.08276	6.08276	1.41421	4.47214	2	2.23607	2
velocity(25)	2.23607	2	6.08276	6.7082	2.23607	2	6.32456	6.7082
velocity(26)	5.65685	2	8.06226	2.23607	4	2.23607	2.23607	0
velocity(27)	0	0	0	0	0	0	0	0
velocity(28)	3.60555	4	6.7082	7.2111	2.23607	1	4.12311	2.82843
velocity(29)	2.23607	1	8.24621	2.23607	2	1	4.47214	6.40312
velocity(30)	9.84886	2.23607	8.544	4.12311	6.08276	0	5	8.06226
velocity(31)	2	6	10.8167	4	1	2.23607	4.12311	1.41421
velocity(32)	5	2.82843	5.38516	5	4.12311	2.23607	2.23607	9.48683
velocity(33)	5	1	9.21954	5.09902	4	3.60555	2.23607	2.23607
velocity(34)	2.23607	3.60555	8.06226	2.23607	2.23607	1	2	3
velocity(35)	8.94427	1	7.2111	2.23607	1	2.23607	0	5.83095
velocity(36)	2.23607	3.60555	4.47214	6.32456	1.41421	4.24264	0	3.60555
velocity(37)	5	2	8.94427	4.47214	2	4.24264	0	7.2111
velocity(38)	6.32456	0	8.48528	5	3.16228	4.24264	2	3.60555
velocity(39)	1	8.94427	3	2.23607	2.23607	4.12311	2.82843	5.09902
velocity(40)	2	2	8.94427	6.7082	5.38516	3.60555	5	1
velocity(41)	8	2.23607	4.24264	2.82843	2.23607	2	2.82843	6.40312
velocity(42)	3.16228	0	5.38516	6	3.16228	4.12311	0	3.60555
velocity(43)	8.60233	1	7.81025	2.23607	3.60555	4.47214	3	1.41421
velocity(44)	2	30.5287	4.12311	8.06226	4.12311	5	0	10
velocity(45)	6.7082	29.2746	4.47214	5	5.38516	5.83095	1.41421	2
velocity(46)	5	6.40312	7.2111	5.09902	4	2	0	8.94427
velocity(47)	3.60555	6.32456	6.32456	3	2.23607	5.09902	1	2
velocity(48)	5	1	1.41421	5.65685	5.09902	4	2	2.23607

velocity(49)	1.41421	11.4018	10.2956	2.82843	1	3	2.23607	6.08276
velocity(50)	9.21954	12	2	6.7082	6.7082	4	1	2.23607
velocity(51)	6.32456	20.0998	8.24621	3.60555	4.47214	4.47214	0	6.32456
velocity(52)	4.47214	8.544	4.12311	5.65685	4.47214	4.12311	1	2.23607
velocity(53)	2	6.08276	6.08276	5.65685	5.09902	4	0	8
velocity(54)	7.81025	6	6.08276	4.47214	1.41421	2.23607	2	1.41421
velocity(55)	5.83095	23.4094	5	2	7.61577	2	2.23607	5
velocity(56)	9.43398	0	4.47214	6.08276	0	2	2	4
velocity(57)	2.23607	2.23607	6.08276	3.16228	7.2111	5.65685	2	7.28011
velocity(58)	7.2111	1.41421	4.12311	6.7082	2	5.83095	2	2.23607
velocity(59)	2.23607	1.41421	6.08276	2.23607	6.32456	6.7082	6.40312	6.7082
velocity(60)	8.06226	2.23607	8.06226	6.08276	3.16228	2.82843	4.47214	3.16228
velocity(61)	1	2.23607	2	2.23607	6.08276	2.23607	1.41421	8.06226
velocity(62)	8	4.24264	6.7082	8.06226	2	9	4.47214	2
velocity(63)	5	3.60555	4.47214	2	2.23607	2.82843	3.16228	2.82843
velocity(64)	4.47214	2.23607	8.544	8.24621	1.41421	5.65685	5.83095	4.47214
velocity(65)	4.12311	3.16228	2.82843	3.60555	1.41421	4.47214	2	4.12311
velocity(66)	2.82843	3	7.2111	8.94427	0	2.82843	6.08276	6.32456
velocity(67)	6.08276	8	8.24621	2.23607	2.23607	7.2111	3	5
velocity(68)	2.82843	2	2.82843	8.06226	1	2.23607	4.24264	6.32456
velocity(69)	8	5.65685	7.2111	4.12311	1	7.2111	4.47214	4.47214
velocity(70)	2	6.08276	4.47214	4.47214	2	4.12311	2.82843	8.06226
velocity(71)	8.24621	2.82843	4.12311	4.47214	2	0	4.47214	5
velocity(72)	2	4.24264	5	6.32456	1.41421	6.40312	5.83095	4.47214
velocity(73)	8.544	5.83095	6.7082	6	1.41421	5.65685	3.16228	5
velocity(74)	3.60555	3	6.08276	2.23607	2.23607	4.47214	3.60555	6.32456
velocity(75)	6	1.41421	5	8.24621	1	5.38516	1	2.23607
velocity(76)	2.23607	3.60555	7.2111	2.82843	1	5.38516	1	7.81025
velocity(77)	2.23607	2	8.94427	7.81025	6.08276	5.65685	6.32456	4.12311
velocity(78)	7.28011	5	4.47214	6.40312	4	6.08276	4	4.47214
velocity(79)	3.16228	2.23607	8.24621	2.82843	2.23607	2.23607	9.21954	4.12311
velocity(80)	7.2111	2	5.38516	7.2111	4.12311	10	2.23607	7.81025
velocity(81)	1	3	5.38516	5	5.65685	2.23607	3.60555	2.23607
velocity(82)	9.84886	9.05539	8.06226	3.60555	2	7.2111	6	8.06226
velocity(83)	4.12311	0	8.06226	5.65685	4.47214	2	2.82843	2.23607
velocity(84)	4.47214	2.23607	5	5	2.23607	5	7.2111	8.06226
velocity(85)	3.16228	0	8.94427	2.23607	2	4.47214	4	2.23607
velocity(86)	7.81025	4.47214	6.32456	2	6.08276	6.08276	4.47214	6
velocity(87)	1	4.12311	6.40312	9	2	4	6	4.12311
velocity(88)	9.48683	5	10.198	5.09902	6	6.7082	2.23607	7.2111
velocity(89)	3	3.60555	8.06226	6.7082	2	2	1	4
velocity(90)	7.28011	3	5.38516	3.16228	4.12311	7.2111	1	4.12311
velocity(91)	4	2	6.08276	7.61577	3	2.23607	1	7.2111
velocity(92)	3.16228	4.12311	4	4.47214	5.09902	6.40312	1	4
velocity(93)	6.7082	6.40312	7.2111	3.60555	2.23607	5.83095	2.82843	5
velocity(94)	5.65685	2	8.24621	6	6.08276	3.16228	2.23607	4.12311
velocity(95)	4.47214	4.12311	3.60555	3.16228			3.16228	6.7082
velocity(96)	2	5	8.24621	7.81025			0	4
velocity(97)	4.47214	2.82843	7.2111	2.23607			0	6.40312
velocity(98)	2	6.08276	2.23607	8.06226			5.38516	6.08276

velocity(99)	2	2.82843	8.24621	2.23607			2	2.23607
velocity(100)	5	3	8.06226	7.2111			1	8.48528
velocity(101)	4.47214	6.32456	4.47214	2.23607			4.47214	2.23607
velocity(102)	3	5	8.06226	6.08276			2	7.2111
velocity(103)	0	2.82843	8.06226	2.82843	0.00E+00	0.00E+00	2	2
velocity(104)	0	4.47214	1.41421	6.7082	2.23607	1	4.12311	6.7082
velocity(105)	0	5	8.544	2	5.65685	2.82843	4.12311	2
velocity(106)	1	2.23607	9.21954	8.06226	2	3.60555	1.41421	6.32456
velocity(107)	2.23607	8.06226	3	4.47214	7.81025	4	1	4.47214
velocity(108)	1	10.0499	2	5.65685	1	2.23607	1	5.65685
velocity(109)	3	3.60555	0	6.32456	7.07107	1.41421	4	6.7082
velocity(110)	1.41421	2.82843	2	2	4.12311	5	3.60555	6.40312
velocity(111)	1	7.07107	4.47214	8.94427	6.08276	2.23607	4.47214	5.83095
velocity(112)	2.23607	1	1	4.12311	3	2.82843	5.09902	2.23607
velocity(113)	4.47214	2.82843	3.16228	6.08276	6.7082	4	5.09902	6.32456
velocity(114)	5	6.08276	9.21954	2.82843	1.41421	5.65685	4	2
velocity(115)	2.82843	3.60555	8.06226	8.48528	6.32456	2.82843	4.12311	9.43398
velocity(116)	7.2111	1	5	2.23607	3	8.60233	4	2.23607
velocity(117)	4	2.23607	8	6.08276	6.32456	2.23607	2.82843	10.198
velocity(118)	4.47214	1	8.06226	7.81025	0	6.32456	6.7082	2.23607
velocity(119)	4.47214	2.23607	10.4403	3.60555	4.12311	2.82843	4.47214	9.21954
velocity(120)	6.08276	3	2.23607	6.32456	4.24264	4.12311	5.83095	1
velocity(121)	0	3.16228	8.48528	3.60555	3	5.09902	3.16228	8.24621
velocity(122)	7.61577	14.7648	7.2111	6.7082	5	0	2	2.82843
velocity(123)	3.60555	8.48528	2	5.83095	2	5.38516	1.41421	8.48528
velocity(124)	2	7.28011	10	2.23607	6.32456	5	1.41421	4.12311
velocity(125)	4.12311	7	5	5.38516	2.23607	2.23607	2.82843	6.40312
velocity(126)	7	25.2389	5.65685	3.16228	7.07107	1.41421	4	5.83095
velocity(127)	1.41421	1.41421	7.61577	8	2.23607	1	2.82843	5.09902
velocity(128)	8.24621	1	2.23607	5.65685	6.32456	1	2.23607	5
velocity(129)	2	2	7.2111	6.32456	2	4.12311	4.24264	4.47214
velocity(130)	2.23607	2.82843	9.43398	2.82843	4.12311	0	2.82843	8.48528
velocity(131)	6	2	2.23607	4.12311	2.23607	2.23607	1	3
velocity(132)	4	4.47214	8.24621	4	6.32456	1.41421	2.23607	7.61577
velocity(133)	2.23607	2.82843	3.16228	8.06226	2	1.41421	5	4.12311
velocity(134)	8.06226	2.82843	7.61577	2.23607	2	1.41421	3.60555	7.61577
velocity(135)	1	4.47214	6.7082	6.08276	6.7082	3.16228	6.08276	3
velocity(136)	6.32456	2.23607	4.12311	2	4.12311	2.82843	4.47214	6
velocity(137)	4.47214	2	6.32456	8	4.12311	2.23607	10	6.08276
velocity(138)	2.23607	8	6.08276	2	2	4	3	5
velocity(139)	6.32456	1	2.23607	8.24621	4.47214	2.23607	5.38516	8.48528
velocity(140)	2.23607	4.12311	10.0499	2	3.60555	4	3	4.12311
velocity(141)	7.07107	6.40312	4.47214	6.08276	5	5	6.32456	7.2111
velocity(142)	1	2.23607	4.47214	3	2.23607	4.47214	3.60555	6.32456
velocity(143)	3.16228	6	10.198	7.07107	5	2.82843	7.61577	3.60555
velocity(144)	7.61577	3.60555	2	2.23607	4.47214	4.47214	2	5.09902
velocity(145)	1.41421	2.82843	8.24621	7.81025	4.47214	5.09902	3.60555	5.09902
velocity(146)	7.61577	4.12311	8.06226	1	3.60555	3.60555	0	2.23607
velocity(147)	2	3.60555	2	8.48528	5.38516	7.28011	0	6.08276
velocity(148)	8.24621	2.23607	10.198	2.23607	4.12311	3.16228	2	1

velocity(149)	2.82843	6.32456	5	10	5.38516	6.08276	1	10
velocity(150)	5	1	5	4	3	5	2	2
velocity(151)	2	3.16228	7.61577	6.08276	6.7082	2	4	10.6301
velocity(152)	2	4.12311	5	3.60555	4	7.2111	4.47214	1.41421
velocity(153)	7.61577	8.06226	9.05539	9.05539	2.82843	1.41421	6.40312	6.40312
velocity(154)	1	3	2.82843	2.23607	6.08276	8.24621	3.60555	3.60555
velocity(155)	9.21954	4	6.08276	10.198	2	4	5.83095	8.06226
velocity(156)	2.23607	9.84886	8	2.82843	6.7082	7.2111	2.23607	2.23607
velocity(157)	8.48528	1.41421	2.23607	6.32456	1.41421	2.82843	6.32456	9.21954
velocity(158)	0	1	6	5	3.16228	5.09902	5.38516	2
velocity(159)	6.32456	2.82843	4.12311	6.32456	4.12311	5	4.47214	7.07107
velocity(160)	4	10	6.08276	6.08276	6.08276	0	6.08276	2.23607
velocity(161)	4	1	6.32456	4	2.82843	8	4	8
velocity(162)	8.24621	3.60555	2.23607	8	6.08276	3.60555	8.48528	2
velocity(163)	4.12311	6.32456	6.08276	2.23607	2.82843	1.41421	4.12311	6.08276
velocity(164)	6.40312	0	6	6.32456	4.47214	9.21954	6.32456	6
velocity(165)	4.47214	5	6.7082	6.08276	3	2	2.82843	7.2111
velocity(166)	7.81025	5	5.09902	4	4.24264	3.16228	9.43398	4
velocity(167)	1	2.82843	7.2111	7.28011	2.82843	6.7082	4.47214	6.7082
velocity(168)	5	2.23607	1	3.16228	5.09902	2.23607	8.544	5.65685
velocity(169)	6.7082	6.7082	10	6.7082	4.12311	4.24264	3	6.32456
velocity(170)	2	2.82843	4.47214	3	2.23607	6.40312	8	4.47214
velocity(171)	8.544	0	5.65685	8.544	5.83095	2	2.23607	4.47214
velocity(172)	1.41421	2	6.7082	2	3.16228	8.94427	6.7082	5.65685
velocity(173)	4.47214	11.1803	5	8.24621	7.61577	1	6.7082	2.82843
velocity(174)	6.08276	5	9.05539	2	3.60555	8.60233	3	8.60233
velocity(175)	4.47214	6.32456	1.41421	6.7082	5.09902	2	7.07107	3.16228
velocity(176)	5	5	7.28011	2.23607	2.23607	8.48528	2.23607	6.32456
velocity(177)	1.41421	1	2	4.12311	6.08276	2	10.198	6
velocity(178)	6.7082	2	8	6.08276	0	1	5	2
velocity(179)	0	8.94427	4	7.28011	6		7.28011	

prumer (mm/s) 4.27E+00 4.54E+00 5.74E+00 4.82E+00 3.53E+00 3.88E+00 3.46E+00 4.75E+00