

	larva(0)	larva(1)	larva(2)	larva(3)	larva(4)	larva(5)	larva(6)
mom_x(0)	1299	1219	1465	1019	1461	1112	1358
mom_x(1)	1303	1223	1467	1016	1466	1113	1357
mom_x(2)	1301	1227	1471	1014	1473	1113	1357
mom_x(3)	1300	1230	1472	1016	1477	1112	1356
mom_x(4)	1298	1235	1474	1012	1482	1112	1357
mom_x(5)	1298	1238	1475	1009	1486	1111	1357
mom_x(6)	1299	1241	1480	1009	1491	1112	1357
mom_x(7)	1302	1245	1481	1009	1493	1111	1357
mom_x(8)	1309	1248	1484	1011	1498	1113	1357
mom_x(9)	1315	1253	1486	1012	1501	1113	1359
mom_x(10)	1322	1258	1487	1012	1505	1113	1359
mom_x(11)	1327	1261	1492	1012	1507	1111	1359
mom_x(12)	1332	1265	1493	1010	1512	1112	1360
mom_x(13)	1335	1269	1493	1010	1516	1112	1360
mom_x(14)	1334	1274	1493	1012	1521	1111	1359
mom_x(15)	1333	1280	1491	1014	1528	1111	1359
mom_x(16)	1332	1283	1489	1016	1530	1114	1359
mom_x(17)	1332	1288	1486	1021	1529	1114	1359
mom_x(18)	1331	1290	1484	1024	1528	1112	1359
mom_x(19)	1330	1294	1481	1028	1528	1112	1359
mom_x(20)	1330	1296	1479	1032	1530	1113	1358
mom_x(21)	1328	1299	1477	1037	1532	1113	1357
mom_x(22)	1325	1304	1475	1041	1534	1110	1357
mom_x(23)	1324	1306	1474	1046	1535	1110	1356
mom_x(24)	1325	1311	1472	1045	1535	1110	1354
mom_x(25)	1326	1314	1470	1047	1535	1110	1352
mom_x(26)	1326	1314	1470	1047	1535	1110	1352
mom_x(27)	1329	1317	1466	1048	1533	1111	1349
mom_x(28)	1332	1319	1465	1049	1530	1110	1346
mom_x(29)	1334	1321	1461	1050	1527	1109	1345
mom_x(30)	1334	1323	1459	1050	1524	1108	1344
mom_x(31)	1335	1325	1458	1053	1518	1107	1345
mom_x(32)	1336	1325	1454	1057	1512	1108	1343
mom_x(33)			1452	1058	1508	1109	1343
mom_x(34)			1453	1061	1505	1110	1343
mom_x(35)			1449	1064	1505	1113	1346
mom_x(36)			1448	1068	1505	1113	1345
mom_x(37)			1447	1070	1502	1112	1345
mom_x(38)			1443	1074	1500	1110	1349
mom_x(39)			1442	1077	1498	1108	1350
mom_x(40)	1331	1309	1441	1081	1496	1106	1350
mom_x(41)	1335	1305	1441	1084	1493	1106	1350
mom_x(42)	1341	1303	1439	1089	1487	1106	1349
mom_x(43)	1347	1299	1440	1093	1485	1108	1349
mom_x(44)	1353	1297	1442	1096	1480	1107	1349
mom_x(45)	1358	1294	1442	1099	1479	1106	1350
mom_x(46)	1364	1292	1442	1103	1482	1105	1352
mom_x(47)	1369	1288	1440	1106	1486	1105	1354
mom_x(48)	1374	1285	1440	1112	1488	1104	1357

mom_x(49)	1383	1278	1440	1114	1486	1103	1361
mom_x(50)	1386	1274	1439	1117	1484	1102	1364
mom_x(51)	1387	1270	1437	1117	1482	1100	1366
mom_x(52)	1383	1265	1438	1118	1481	1100	1368
mom_x(53)	1379	1262	1438	1120	1479	1098	1369
mom_x(54)	1373	1259	1442	1121	1477	1096	1370
mom_x(55)	1367	1257	1442	1119	1476	1095	1374
mom_x(56)	1361	1254	1443	1117	1475	1093	1376
mom_x(57)	1355	1251	1444	1113	1475	1092	1375
mom_x(58)	1351	1251	1444	1108	1474	1090	1374
mom_x(59)	1347	1251	1444	1103	1474	1090	1372
mom_x(60)	1345	1250	1445	1101	1477	1091	1369
mom_x(61)	1344	1251	1444	1098	1475	1089	1367
mom_x(62)	1341	1253	1444	1097	1476	1089	1364
mom_x(63)	1339	1253	1445	1098	1479	1088	1361
mom_x(64)	1337	1252	1447	1099	1481	1091	1358
mom_x(65)	1339	1254	1448	1102	1477	1091	1355
mom_x(66)	1337	1253	1446	1106	1474	1091	1351
mom_x(67)	1334	1252	1445	1110	1471	1090	1347
mom_x(68)	1330	1252	1445	1115	1469	1090	1343
mom_x(69)	1328	1252	1445	1120	1467	1088	1340
mom_x(70)	1328	1250	1445	1125	1469	1087	1335
mom_x(71)	1328	1251	1446	1129	1469	1083	1332
mom_x(72)	1328	1252	1448	1136	1473	1077	1331
mom_x(73)	1326	1254	1445	1138	1477	1074	1333
mom_x(74)	1326	1257	1444	1142	1482	1076	1336
mom_x(75)	1333	1259	1445	1143	1487	1080	1337
mom_x(76)	1334	1262	1445	1144	1492	1080	1340
mom_x(77)	1332	1266	1444	1145	1498	1080	1343
mom_x(78)	1335	1268	1442	1144	1502	1080	1348
mom_x(79)	1339	1272	1441	1142	1506	1078	1352
mom_x(80)	1336	1274	1440	1140	1510	1077	1356
mom_x(81)	1330	1278	1439	1137	1514	1076	1360
mom_x(82)	1328	1281	1436	1135	1518	1072	1360
mom_x(83)	1326	1286	1436	1132	1524	1071	1358
mom_x(84)	1321	1289	1435	1128	1528	1068	1356
mom_x(85)	1317	1292	1433	1124	1532	1062	1352
mom_x(86)	1316	1294	1433	1120	1532	1059	1350
mom_x(87)	1310	1297	1430	1117	1534	1056	1348
mom_x(88)			1431	1113	1539	1052	1348
mom_x(89)			1430	1111	1540	1051	1350
mom_x(90)			1430	1106	1538	1047	1352
mom_x(91)			1429	1099	1536	1042	1354
mom_x(92)			1430	1095	1533	1041	1355
mom_x(93)			1432	1087	1527	1041	1356
mom_x(94)			1433	1083	1522	1039	1358
mom_x(95)			1433	1078	1518	1039	1360
mom_x(96)	1286	1320	1434	1074	1512	1042	1362
mom_x(97)	1284	1324	1434		1506		1366
mom_x(98)	1284	1329	1437		1501		1366

mom_x(99)	1283	1333	1438	1071	1494	1044	1365
mom_x(100)	1282	1339	1441	1068	1490	1045	1362
mom_x(101)	1280	1341	1442	1066	1486	1045	1359
mom_x(102)	1282	1345	1444	1063	1483	1046	1355
mom_x(103)	1283	1348	1446	1064	1480	1047	1351
mom_x(104)	1284	1349	1445		1475		1346
mom_x(105)	1285	1351	1445	1069	1471	1047	1342
mom_x(106)	1286	1350	1446	1071	1468	1048	1339
mom_x(107)	1288	1349	1447	1075	1467		1335
mom_x(108)	1289	1349	1448	1079	1470	1038	1337
mom_x(109)	1291	1347	1449	1086	1470	1042	1338
mom_x(110)	1291	1346	1451	1090	1468	1046	1337
mom_x(111)	1292	1347	1451	1096	1465	1052	1336
mom_x(112)	1293	1346	1456	1100	1463	1049	1335
mom_x(113)	1293	1344	1457	1104	1460	1049	1338
mom_x(114)	1293	1342	1457	1107	1455	1052	1341
mom_x(115)	1295	1339	1454	1111	1451	1053	1344
mom_x(116)	1295	1336	1453	1115	1454	1058	1348
mom_x(117)	1296	1332	1454	1116	1457	1059	1350
mom_x(118)	1299	1329	1455	1117	1455	1064	1350
mom_x(119)	1302	1327	1457	1117	1454	1064	1347
mom_x(120)	1303	1322	1461	1120	1454	1067	1348
mom_x(121)	1308	1319	1462	1120	1455	1067	1343
mom_x(122)	1309	1317		1121	1455	1069	1338
mom_x(123)	1310	1314	1461	1121	1456	1070	1338
mom_x(124)	1314	1309	1459	1118	1456	1056	1340
mom_x(125)	1316	1308	1460	1117	1456	1056	1337
mom_x(126)	1316	1304	1459	1117	1457	1063	1334
mom_x(127)	1316	1302	1459	1116	1460	1067	1330
mom_x(128)	1314	1301	1459	1116	1460	1065	1329
mom_x(129)	1316	1298	1458	1116	1460	1066	1331
mom_x(130)	1320	1296	1457	1116	1462	1068	1333
mom_x(131)	1322	1293	1458	1117	1464	1068	1335
mom_x(132)	1323	1291	1457	1116	1466	1072	1337
mom_x(133)	1323	1288	1459	1117	1467	1073	1338
mom_x(134)	1321	1286	1461	1117	1463	1075	1338
mom_x(135)	1321	1283	1464	1118	1458	1076	1339
mom_x(136)	1320	1280	1466	1118	1455	1080	1340
mom_x(137)	1320	1279	1469	1120	1456	1083	1341
mom_x(138)	1319	1278	1472	1122	1458	1090	1342
mom_x(139)	1319	1276	1474	1124	1460	1097	1345
mom_x(140)	1318	1275	1477	1126	1458	1102	1347
mom_x(141)	1318	1273	1479	1128	1453	1109	1350
mom_x(142)	1317	1272	1481	1130	1446	1113	1352
mom_x(143)	1316	1273	1484	1130	1445	1120	1354
mom_x(144)	1316	1270	1486	1131	1447	1123	1357
mom_x(145)	1317	1270	1488	1131	1448	1130	1358
mom_x(146)	1317	1270	1491	1132	1452	1133	1358
mom_x(147)	1317	1270	1492	1133	1456	1136	1358
mom_x(148)	1315	1269	1493	1135	1461	1143	1357

mom_x(149)	1315	1267	1493	1134	1465	1146	1359
mom_x(150)	1316	1268	1492	1131	1468	1153	1360
mom_x(151)	1318	1270	1494	1126	1472	1156	1358
mom_x(152)	1320	1270	1492	1123	1475	1162	1358
mom_x(153)	1320	1269	1488	1122	1478	1167	1358
mom_x(154)	1317	1268	1487	1121	1481	1174	1355
mom_x(155)	1315	1268	1483	1123	1484	1179	1353
mom_x(156)	1310	1267	1481	1124	1486	1185	1349
mom_x(157)	1309	1268	1479	1126	1489	1190	1348
mom_x(158)	1308	1267	1478	1129	1491	1196	1345
mom_x(159)	1308	1267	1478	1133	1494	1201	1344
mom_x(160)	1309	1267	1476	1137	1495	1209	1342
mom_x(161)	1310	1266	1473	1142	1496	1213	1344
mom_x(162)	1312	1265	1471	1146	1496	1216	1347
mom_x(163)	1313	1268	1468	1147	1496	1222	1349
mom_x(164)	1314	1271	1466	1149	1497	1229	1349
mom_x(165)	1315	1270	1463	1149	1500	1243	1348
mom_x(166)	1317	1269	1460	1148	1503	1259	1346
mom_x(167)	1318	1267	1459	1147	1504		1343
mom_x(168)	1319	1267	1456	1145	1504	1271	1339
mom_x(169)	1320	1267	1453	1144	1506	1276	1337
mom_x(170)	1320	1270	1451	1143	1507	1275	1335
mom_x(171)	1320	1273	1449	1140	1510	1275	1333
mom_x(172)	1320	1274	1446	1138	1510	1274	1332
mom_x(173)	1323	1277	1444	1136	1513	1274	1332
mom_x(174)	1323	1280	1444	1132	1514	1274	1333
mom_x(175)	1322	1284	1443	1131	1516	1274	1334
mom_x(176)	1322	1286	1445	1126	1516	1273	1335
mom_x(177)	1324	1290	1445	1125	1519	1272	1336
mom_x(178)	1325	1293	1443	1124	1520	1272	1337
mom_x(179)	1325	1297	1441	1122	1520	1271	1337
mom_x(180)	1326	1300	1441	1123	1523	1270	1338
mom_x(181)	1328	1304	1442	1121	1524	1271	1340
mom_x(182)	1331	1306	1441	1120	1528	1269	1343
mom_x(183)	1334	1310	1439	1119	1529	1267	1345
mom_x(184)	1333	1313	1436	1117	1530	1266	1344
mom_x(185)	1332	1314	1434	1114	1534	1263	1344
mom_x(186)			1429	1113	1534	1261	1345
mom_x(187)			1426	1114	1536	1258	1345
mom_x(188)			1422	1113	1539	1256	1342
mom_x(189)	1314	1333	1420	1113	1540	1256	1343
mom_x(190)	1309	1337	1416	1113	1540	1253	1342
mom_x(191)	1306	1340	1414	1112	1536	1246	1339
mom_x(192)	1302	1342	1411	1109	1533	1245	1335
mom_x(193)	1299	1344	1409	1105	1529	1248	1331
mom_x(194)	1299	1347	1408	1100	1525	1250	1326
mom_x(195)	1298	1350	1408	1097	1523	1253	1321
mom_x(196)	1297	1353	1409	1095	1519	1248	1315
mom_x(197)	1295	1356	1407	1094	1514	1248	1309
mom_x(198)	1293	1359	1406	1091	1508	1246	1308

mom_x(199)	1292	1361	1405	1090	1502	1251	1311
mom_x(200)	1292	1366	1407	1088	1496	1252	1312
mom_x(201)	1290	1369	1410	1088	1490	1253	1312
mom_x(202)	1290	1373	1410	1086	1487	1252	1312
mom_x(203)	1288	1376	1410	1086	1482	1252	1312
mom_x(204)	1286	1380	1412	1084	1481	1247	1309
mom_x(205)	1287	1382	1411	1083	1477	1244	1313
mom_x(206)	1286	1383	1410	1084	1472	1242	1315
mom_x(207)	1285	1382	1409	1085	1470	1239	1319
mom_x(208)	1285	1382	1408	1085	1466	1237	1323
mom_x(209)	1285	1383	1409	1084	1464		1326
mom_x(210)	1287	1385	1409	1083	1462	1237	1329
mom_x(211)	1289	1384	1410	1082	1460	1239	1333
mom_x(212)	1287	1385	1410	1080	1459	1240	1336
mom_x(213)	1284	1383	1413	1075	1459	1239	1340
mom_x(214)	1279	1383	1414	1073	1459	1244	1343
mom_x(215)	1274	1383	1416	1069	1458	1243	1348
mom_x(216)	1269	1382	1417	1070	1459	1248	1350
mom_x(217)	1264	1383	1418	1069	1457	1250	1353
mom_x(218)	1259	1384	1420	1068	1457	1255	1354
mom_x(219)	1256	1382	1421	1069	1456	1261	1355
mom_x(220)	1250	1381	1424	1072	1456	1266	1358
mom_x(221)	1247	1381	1425	1076	1455	1272	1359
mom_x(222)	1242	1380	1427	1080	1457	1275	1359
mom_x(223)	1239	1380	1428	1085	1460	1277	1358
mom_x(224)	1235	1379	1429	1088	1464	1280	1357
mom_x(225)	1229	1379	1432	1092	1470	1285	1359
mom_x(226)	1226	1379	1434	1096	1474	1294	1356
mom_x(227)	1221	1379	1435	1100	1479	1299	1354
mom_x(228)	1217	1378	1437	1101	1484	1307	1353
mom_x(229)	1212	1378	1440	1103	1485	1314	1351
mom_x(230)	1209	1376	1441	1105	1488	1320	1349
mom_x(231)	1205	1376	1439	1106	1489	1323	1346
mom_x(232)	1201	1376	1439	1108	1488	1324	1342
mom_x(233)	1197	1375	1440	1108	1488	1322	1339
mom_x(234)	1194	1374	1438	1112	1487	1323	1336
mom_x(235)	1192	1373	1437	1114	1488	1326	1333
mom_x(236)	1189	1373	1437	1115	1486	1325	1327
mom_x(237)	1187	1372	1439	1115	1485	1327	1324
mom_x(238)	1186	1372	1441	1114	1479	1325	1319
mom_x(239)	1181	1372	1442	1114	1475	1320	1314
mom_x(240)	1179	1371	1444	1114	1471	1316	1311
mom_x(241)	1174	1371	1447	1117	1467	1313	1306
mom_x(242)	1171	1371	1447	1120	1462	1307	1301
mom_x(243)	1167	1371	1445	1124	1457	1302	1298
mom_x(244)	1165	1371	1441	1130	1450	1297	1296
mom_x(245)	1162	1372	1438	1135	1445	1292	1293
mom_x(246)	1157	1372	1438	1142	1442	1286	1289
mom_x(247)	1154	1373	1439	1150	1441	1280	1287
mom_x(248)	1151	1373	1438	1158	1444	1273	1284

mom_x(249)	1146	1374	1440	1164	1448	1269	1283
mom_x(250)	1143	1374	1442	1171	1450	1262	1284
mom_x(251)	1139	1375	1442	1176	1446	1258	1284
mom_x(252)	1132	1376	1442	1182	1441	1251	1284
mom_x(253)	1129	1378	1438	1189	1439	1248	1284
mom_x(254)	1127	1379	1435	1191	1437	1244	1284
mom_x(255)	1122	1381	1434	1195	1431	1240	1285
mom_x(256)	1119	1382	1433	1204	1425	1235	1285
mom_x(257)	1117	1385	1431	1207	1422	1231	1285
mom_x(258)	1111	1387	1429	1213	1419	1225	1286
mom_x(259)	1108	1389	1429	1221	1415	1219	1286
mom_x(260)	1103	1393	1429	1223	1411	1215	1287
mom_x(261)	1097	1395	1428	1221	1405	1210	1288
mom_x(262)	1095	1399	1426	1218	1405	1206	1289
mom_x(263)	1088	1401	1423	1216	1407	1201	1290
mom_x(264)	1085	1405	1422	1214	1407	1196	1291
mom_x(265)	1083	1407	1420	1212	1405	1191	1292
mom_x(266)	1078	1408	1418	1215	1402	1188	1293
mom_x(267)	1076	1411	1417	1215	1399	1183	1294
mom_x(268)	1071	1414	1413	1218	1395	1179	1294
mom_x(269)	1067	1414	1412	1222	1391	1177	1296
mom_x(270)	1062	1416	1410	1227	1387	1173	1297
mom_x(271)	1060	1417	1407	1232	1383	1170	1298
mom_x(272)	1056	1419	1406	1237	1383	1169	1300
mom_x(273)	1053	1422	1405	1244	1382	1165	1301
mom_x(274)	1050	1422	1402	1249	1385	1164	1304
mom_x(275)	1045	1423	1400	1256	1390	1164	1305
mom_x(276)	1043	1423	1400	1261	1395	1161	1305
mom_x(277)	1038	1425	1398	1269	1401	1159	1306
mom_x(278)	1032	1428	1395	1270	1406	1156	1307
mom_x(279)	1028	1430	1394	1277	1412	1161	1309
mom_x(280)	1024	1432	1393	1280	1416	1164	1311
mom_x(281)	1019	1432	1390	1285	1422	1166	1311
mom_x(282)	1017	1433	1388	1287	1425	1168	1312
mom_x(283)	1010	1434	1387	1292	1428	1168	1310
mom_x(284)	1007		1385	1294		1170	1312
mom_x(285)	1000		1383	1299		1172	1313
mom_x(286)	995		1382	1300		1173	1313
mom_x(287)	992		1379	1301		1171	1315
mom_x(288)	988	1436	1378	1297	1428	1170	1316
mom_x(289)	986	1438	1377	1294	1426	1170	1320
mom_x(290)	980	1438	1375	1290	1420	1169	1322
mom_x(291)	977	1438	1374	1285	1415	1170	1323
mom_x(292)	975	1438	1372	1281	1409	1172	1328
mom_x(293)	968	1439	1371	1274	1403	1172	1329
mom_x(294)	965	1439	1369	1268	1400	1173	1333
mom_x(295)	960	1437	1369	1264	1397	1173	1337
mom_x(296)	957	1436	1370	1258	1394	1173	1337
mom_x(297)	952	1439	1373	1255	1392	1173	1338
mom_x(298)	948	1439	1373	1252	1391	1173	1339

mom_x(299)	943	1438	1373	1251	1388	1172	1344
mom_x(300)	940	1439	1373	1251	1389	1172	1346
mom_x(301)	938	1439		1253	1387	1172	
mom_x(302)	934	1440		1256	1390	1172	
mom_x(303)	931	1442		1260	1392	1172	
mom_x(304)	928	1444		1264	1392	1173	
mom_x(305)	925	1446		1269	1392	1173	
mom_x(306)	922	1447		1272	1391	1174	
mom_x(307)	920	1451		1278		1171	
mom_x(308)	916	1454		1283		1169	
mom_x(309)	912	1457		1289		1166	
mom_x(310)	910	1459				1167	
mom_x(311)	906	1463		1294		1169	
mom_x(312)	902	1465		1295	1394	1169	
mom_x(313)	899	1466		1300	1396	1169	
mom_x(314)	897	1468	1360	1303	1397	1169	1327
mom_x(315)	896	1468	1358	1305	1400	1167	1325
mom_x(316)	894	1469	1358	1307	1403	1168	1322
mom_x(317)	894	1469	1354	1311	1406	1168	1319
mom_x(318)	896	1470	1353	1312	1410	1169	1316
mom_x(319)	896	1471	1351	1312	1414	1170	1314
mom_x(320)	900	1471	1348	1314	1417	1171	1311
mom_x(321)	901	1471	1347	1315	1419	1172	1309
mom_x(322)	903	1468		1315	1421	1172	
mom_x(323)	902	1468	1343	1314	1424	1175	1306
mom_x(324)	895	1467	1341	1314	1426	1172	1303
mom_x(325)	894	1466	1339	1312	1428	1170	1302
mom_x(326)	896	1465	1338	1308	1429	1169	1302
mom_x(327)	896	1463	1335	1305	1432	1167	1302
mom_x(328)	897	1462	1334	1302	1434	1166	1302
mom_x(329)	898	1459	1333	1298	1437	1162	1302
mom_x(330)	898	1458	1331	1295	1439	1158	1301
mom_x(331)	893	1455	1329	1291	1441	1154	1300
mom_x(332)	890	1454		1290	1444	1149	
mom_x(333)	889	1452	1323	1288	1446	1144	1303
mom_x(334)	888	1450	1322	1288	1448	1137	1304
mom_x(335)	886	1448	1320	1288	1449	1134	1305
mom_x(336)	884	1445	1316	1290	1450	1129	1308
mom_x(337)	884	1444	1315	1293	1452	1124	1310
mom_x(338)	884	1444		1297	1454	1117	
mom_x(339)	882	1445	1310	1297	1456	1111	1313
mom_x(340)	878	1446	1308	1300	1458	1106	1315
mom_x(341)	873	1446	1306	1303	1459	1100	1318
mom_x(342)	869	1447	1305	1308	1459	1097	1319
mom_x(343)	863	1448	1303	1310	1458	1089	1323
mom_x(344)	858	1451	1299	1314	1455	1087	1325
mom_x(345)	854	1454	1299	1317	1456	1085	1327
mom_x(346)	851	1458	1296	1323	1453	1081	1331
mom_x(347)	848	1461	1295	1325	1451	1082	1332
mom_x(348)	843	1465	1292	1330	1448	1079	1333

mom_x(349)	842	1467	1291	1334	1444	1075	1336
mom_x(350)	837	1469	1288	1339	1441	1070	1338
mom_x(351)	835	1471	1288	1344	1438	1066	1343
mom_x(352)	832	1473	1290	1347	1435	1062	1345
mom_x(353)	830	1477	1291	1354	1433	1060	1346
mom_x(354)	832	1478	1289	1357	1429	1056	1350
mom_x(355)	831	1478	1288	1364	1426	1053	1351
mom_x(356)	831	1480	1286	1367	1421	1051	1351
mom_x(357)	829	1481	1286	1372	1420	1053	1351
mom_x(358)	831	1480	1285	1377	1417	1052	1349
mom_x(359)	833	1480	1284	1379	1416	1052	1348
mom_y(0)	983	977	907	717	679	631	578
mom_y(1)	979	975	908	709	675	632	578
mom_y(2)	981	971	910	700	672	632	578
mom_y(3)	982	969	910	694	669	633	578
mom_y(4)	980	966	913	691	666	633	578
mom_y(5)	980	964	913	686	663	632	578
mom_y(6)	981	963	913	681	662	632	578
mom_y(7)	982	961	914	675	661	631	578
mom_y(8)	985	960	915	666	663	631	578
mom_y(9)	988	958	916	658	663	632	578
mom_y(10)	990	957	917	653	664	631	577
mom_y(11)	992	957	920	645	667	626	577
mom_y(12)	994	955	921	637	668	627	577
mom_y(13)	995	954	920	631	667	627	577
mom_y(14)	994	954	916	624	668	625	577
mom_y(15)	992	953	913	617	668	624	577
mom_y(16)	989	954	912	613	670	620	577
mom_y(17)	985	954	909	607	669	622	577
mom_y(18)	979	955	906	603	667	622	578
mom_y(19)	979	956	905	597	664	623	578
mom_y(20)	981	957	905	589	661	623	580
mom_y(21)	985	958	905	582	656	623	581
mom_y(22)	989	960	906	577	651	622	580
mom_y(23)	996	961	906	572	645	623	581
mom_y(24)	1002	964	906	569	640	622	581
mom_y(25)	1008	966	906	563	633	623	581
mom_y(26)	1008	966	906	563	633	623	581
mom_y(27)	1014	969	904	555	627	619	580
mom_y(28)	1018	971	904	548	623	615	578
mom_y(29)	1021	973	902	540	619	613	576
mom_y(30)	1020	978	900	535	615	613	574
mom_y(31)	1016	982	900	526	613	614	573
mom_y(32)	1011	985	897	518	612	614	573
mom_y(33)			896	512	611	613	574
mom_y(34)			895	506	607	609	576
mom_y(35)			891	500	607	609	575
mom_y(36)			890	494	606	610	575
mom_y(37)			889	487	608	608	577
mom_y(38)			885	482	613	604	578

mom_y(39)			883	478	618	602	577
mom_y(40)	997	1014	882	474	622	602	576
mom_y(41)	1001	1017	878	467	626	603	574
mom_y(42)	1005	1021	876	460	629	602	573
mom_y(43)	1007	1025	876	451	633	600	572
mom_y(44)	1007	1027	878	443	635	600	570
mom_y(45)	1006	1030	876	439	639	600	572
mom_y(46)	1005	1031	876	432	642	599	574
mom_y(47)	1003	1033	880	427	643	597	574
mom_y(48)	1001	1034	881	421	642	594	574
mom_y(49)	998	1035	880	416	640	591	576
mom_y(50)	997	1035	881	414	637	590	577
mom_y(51)	995	1036	881	415	633	587	579
mom_y(52)	996	1035	881	418	630	586	581
mom_y(53)	995	1035	880	422	626	585	582
mom_y(54)	994	1035	881	426	624	581	582
mom_y(55)	995	1035	881	430	618	579	581
mom_y(56)	997	1035	880	433	615	574	581
mom_y(57)	1000	1035	877	437	610	572	579
mom_y(58)	1003	1035	872	440	607	566	576
mom_y(59)	1006	1034	866	440	601	565	582
mom_y(60)	1013	1034	864	438	598	560	584
mom_y(61)	1017	1034	860	435	597	558	586
mom_y(62)	1022	1034	857	431	599	558	587
mom_y(63)	1023	1034	857	428	601	559	586
mom_y(64)	1028	1034	854	425	601	560	585
mom_y(65)	1032	1035	852	424	600	558	583
mom_y(66)	1036	1035	854	424	599	558	581
mom_y(67)	1041	1034	853	422	597	556	579
mom_y(68)	1047	1033	851	422	595	551	577
mom_y(69)	1053	1030	849	423	595	551	575
mom_y(70)	1060	1026	846	425	598	551	572
mom_y(71)	1062	1024	845	428	602	552	570
mom_y(72)	1063	1018	846	431	604	552	569
mom_y(73)	1061	1015	848	433	605	552	570
mom_y(74)	1059	1011	847	437	607	550	570
mom_y(75)	1057	1008	846	441	608	551	568
mom_y(76)	1056	1007	843	445	610	553	567
mom_y(77)	1058	1004	840	450	612	553	567
mom_y(78)	1061	1004	837	454	615	551	566
mom_y(79)	1063	1004	833	458	617	547	565
mom_y(80)	1061	1005	830	462	620	547	565
mom_y(81)	1058	1006	827	467	623	546	565
mom_y(82)	1056	1007	825	470	625	542	565
mom_y(83)	1054	1010	821	475	627	540	566
mom_y(84)	1051	1011	820	479	628	538	564
mom_y(85)	1048	1013	815	482	629	534	565
mom_y(86)	1047	1016	813	483	630	532	568
mom_y(87)	1044	1018	809	484	631	529	571
mom_y(88)			806	487	634	526	575

mom_y(89)			804	488	634	524	578
mom_y(90)			801	492	636	522	581
mom_y(91)			800	495	634	518	585
mom_y(92)			800	497	635	517	589
mom_y(93)			803	495	636	518	594
mom_y(94)			801	498	636	521	599
mom_y(95)			798	499	636	525	599
mom_y(96)	1012	1035	794	499	634	521	598
mom_y(97)	1006	1035	792		634		598
mom_y(98)	1002	1035	788		632		599
mom_y(99)	997	1036	786	496	631	515	598
mom_y(100)	992	1037	784	493	629	512	595
mom_y(101)	987	1038	782	491	627	506	592
mom_y(102)	981	1039	780	484	625	503	591
mom_y(103)	977	1039	778	478	622	497	591
mom_y(104)	972	1039	777		618		592
mom_y(105)	968	1039	781	469	614	493	594
mom_y(106)	962	1040	783	467	613	493	596
mom_y(107)	957	1042	783	466	612		598
mom_y(108)	953	1041	784	467	611	487	598
mom_y(109)	948	1040	783	468	609	493	596
mom_y(110)	945	1038	784	470	613	490	594
mom_y(111)	943	1035	784	473	616	488	593
mom_y(112)	938	1032	784	477	618	489	591
mom_y(113)	935	1029	784	482	621	487	593
mom_y(114)	931	1026	785	487	624	485	594
mom_y(115)	924	1022	782	491	627	481	594
mom_y(116)	921	1019	780	497	625	474	594
mom_y(117)	917	1017	779	501	627	469	593
mom_y(118)	912	1015	779	507	626	463	592
mom_y(119)	907	1014	779	511	622	460	594
mom_y(120)	902	1012	778	515	617	454	596
mom_y(121)	897	1009	779	523	612	451	596
mom_y(122)	893	1006		528	608	447	593
mom_y(123)	889	1002	783	534	603	447	594
mom_y(124)	883	998	779	539	598	442	595
mom_y(125)	880	995	778	544	593	441	593
mom_y(126)	879	990	776	548	587	443	593
mom_y(127)	880	986	774	553	582	442	591
mom_y(128)	881	984	771	561	577	441	590
mom_y(129)	884	981	772	566	571	441	590
mom_y(130)	887	975	775	574	565	441	592
mom_y(131)	892	973	777	578	564	442	591
mom_y(132)	898	971	775	585	559	442	592
mom_y(133)	903	968	775	589	557	444	593
mom_y(134)	907	966	776	594	556	444	593
mom_y(135)	912	963	777	601	555	442	594
mom_y(136)	917	959	777	604	555	438	596
mom_y(137)	920	956	777	609	553	437	599
mom_y(138)	923	954	778	614	555	434	601

mom_y(139)	927	949	778	621	557	432	604
mom_y(140)	933	946	779	627	558	431	606
mom_y(141)	937	941	780	633	556	431	609
mom_y(142)	940	939	781	640	558	430	612
mom_y(143)	947	936	781	644	558	429	614
mom_y(144)	949	933	784	651	558	431	617
mom_y(145)	954	930	785	658	556	433	618
mom_y(146)	958	927	786	662	557	431	619
mom_y(147)	960	924	790	666	556	432	619
mom_y(148)	967	922	790	670	556	434	617
mom_y(149)	969	918	788	672	558	435	616
mom_y(150)	969	914	785	670	561	436	614
mom_y(151)	968	915	785	669	564	435	615
mom_y(152)	970	914	786	666	569	437	617
mom_y(153)	969	914	788	663	574	437	618
mom_y(154)	966	911	790	658	578	441	617
mom_y(155)	963	908	791	655	583	440	615
mom_y(156)	958	908	790	651	586	440	612
mom_y(157)	953	906	790	649	589	440	612
mom_y(158)	949	907	790	646	592	438	612
mom_y(159)	943	907	791	647	595	436	614
mom_y(160)	939	907	792	649	596	434	614
mom_y(161)	934	908	793	651	601	431	614
mom_y(162)	929	909	794	654	602	427	612
mom_y(163)	923	909	795	658	604	418	610
mom_y(164)	921	909	795	664	608	415	606
mom_y(165)	918	909	795	669	613	413	602
mom_y(166)	914	908	795	676	616	416	600
mom_y(167)	910	909	794	680	620		598
mom_y(168)	907	908	794	687	621	432	598
mom_y(169)	904	906	793	692	627	431	599
mom_y(170)	900	905	792	697	629	428	602
mom_y(171)	897	901	792	702	635	424	604
mom_y(172)	892	900	792	706	637	416	608
mom_y(173)	885	898	792	710	641	409	612
mom_y(174)	883	897	792	716	643	402	616
mom_y(175)	878	897	790	721	648	395	619
mom_y(176)	872	896	789	726	650	390	622
mom_y(177)	868	897	788	730	654	383	626
mom_y(178)	864	897	787	736	658	378	628
mom_y(179)	861	898	785	743	660	372	628
mom_y(180)	861	898	786	747	665	365	626
mom_y(181)	864	899	788	755	667	361	624
mom_y(182)	867	899	788	758	671	356	622
mom_y(183)	872	899	788	763	674	354	621
mom_y(184)	876	901	787	768	676	350	621
mom_y(185)	880	901	787	774	680	343	622
mom_y(186)			787	779	681	337	624
mom_y(187)			785	785	684	333	623
mom_y(188)			785	791	687	329	621

mom_y(189)	886	904	784	797	686	327	620
mom_y(190)	886	904	783	804	686	328	617
mom_y(191)	883	907	783	810	686	332	613
mom_y(192)	879	907	780	817	682	333	610
mom_y(193)	875	908	779	822	680	330	608
mom_y(194)	871	910	780	828	680	332	605
mom_y(195)	866	911	783	829	680	331	605
mom_y(196)	864	913	785	833	680	331	604
mom_y(197)	858	913	786	839	680	334	605
mom_y(198)	854	914	787	845	680	334	605
mom_y(199)	848	915	789	852	679	332	607
mom_y(200)	844	917	785	859	678	332	609
mom_y(201)	838	918	781	866	676	332	609
mom_y(202)	832	920	778	873	675	330	607
mom_y(203)	829	922	777	881	673	327	604
mom_y(204)	823	923	775	888	673	325	604
mom_y(205)	819	926	775	892	671	326	605
mom_y(206)	815	926	773	898	666	328	605
mom_y(207)	812	924	770	905	664	329	604
mom_y(208)	811	922	768	912	664	325	604
mom_y(209)	813	921	764	921	661		605
mom_y(210)	816	919	762	926	657	337	607
mom_y(211)	821	919	760	932	656	332	609
mom_y(212)	827	919	757	936	651	333	610
mom_y(213)	830	918	754	942	649	329	611
mom_y(214)	831	919	751	945	647	323	612
mom_y(215)	831	921	749	949	643	324	613
mom_y(216)	831	921	746	951	640	325	613
mom_y(217)	831	922	744	949	637	325	613
mom_y(218)	831	922	742	941	632	325	614
mom_y(219)	830	920	740	936	630	327	614
mom_y(220)	828	919	738	930	624	329	614
mom_y(221)	827	917	736	926	622	332	615
mom_y(222)	825	915	734	925	623	332	615
mom_y(223)	823	912	733	924	623	334	613
mom_y(224)	823	910	732	925	621	335	611
mom_y(225)	819	907	732	926	618	337	609
mom_y(226)	816	904	732	927	621	340	610
mom_y(227)	813	901	731	930	623	340	613
mom_y(228)	810	897	729	934	628	344	616
mom_y(229)	808	895	729	938	631	343	618
mom_y(230)	803	893	728	944	636	342	620
mom_y(231)	801	889	727	950	642	346	624
mom_y(232)	796	886	726	955	648	346	626
mom_y(233)	795	882	727	959	654	351	628
mom_y(234)	791	878	727	963	659	349	629
mom_y(235)	788	874	730	971	665	342	630
mom_y(236)	784	871	731	975	669	343	632
mom_y(237)	780	866	732	982	674	340	633
mom_y(238)	779	864	732	985	679	341	634

mom_y(239)	774	862	731	991	680	339	634
mom_y(240)	772	859	731	993	679	339	633
mom_y(241)	767	857	730	993	678	339	632
mom_y(242)	764	853	731	992	678	339	631
mom_y(243)	759	850	732	996	678	339	628
mom_y(244)	756	847	727	1001	673	338	628
mom_y(245)	754	844	725	1004	672	335	627
mom_y(246)	751	841	723	1008	667	333	627
mom_y(247)	751	837	723	1010	669	332	625
mom_y(248)	750	834	721	1012	669	331	624
mom_y(249)	748	831	720	1015	667	331	624
mom_y(250)	747	826	722	1018	664	329	625
mom_y(251)	746	824	721	1020	668	328	629
mom_y(252)	745	820	722	1024	669	328	632
mom_y(253)	744	815	724	1026	671	327	636
mom_y(254)	743	813	726	1027	674	328	640
mom_y(255)	742	809	725	1027	677	328	645
mom_y(256)	740	807	726	1027	680	331	648
mom_y(257)	741	803	727	1028	683	334	654
mom_y(258)	739	800	727	1030	687	335	658
mom_y(259)	737	797	728	1032	691	340	659
mom_y(260)	737	794	727	1033	694	344	665
mom_y(261)	733	790	727	1031	701	348	667
mom_y(262)	733	786	726	1035	701	352	671
mom_y(263)	731	782	727	1039	702	355	674
mom_y(264)	729	777	726	1044	703	360	677
mom_y(265)	730	774	726	1047	698	365	680
mom_y(266)	727	769	726	1044	696	367	682
mom_y(267)	728	768	726	1043	692	373	687
mom_y(268)	726	767	724	1040	688	375	688
mom_y(269)	727	763	724	1036	684	379	691
mom_y(270)	726	762	724	1033	679	384	692
mom_y(271)	726	761	722	1030	674	385	694
mom_y(272)	725	756	721	1027	671	388	699
mom_y(273)	724	754	721	1024	669	393	700
mom_y(274)	723	753	720	1023	674	397	705
mom_y(275)	720	751	719	1023	676	399	706
mom_y(276)	719	749	719	1023	678	402	706
mom_y(277)	717	747	719	1026	681	401	704
mom_y(278)	713	745	717	1028	683	399	701
mom_y(279)	712	742	716	1030	686	400	699
mom_y(280)	710	741	716	1032	688	397	696
mom_y(281)	709	742	715	1035	694	394	694
mom_y(282)	708	741	715	1037	698	390	695
mom_y(283)	707	739	715	1041	703	390	698
mom_y(284)	707		714	1044		389	699
mom_y(285)	707		713	1047		390	699
mom_y(286)	705		712	1048		390	700
mom_y(287)	705		711	1048		387	700
mom_y(288)	704	736	708	1048	710	385	699

mom_y(289)	704	732	707	1050	710	382	699
mom_y(290)	703	730	705	1053	709	377	700
mom_y(291)	703	730	703	1054	707	372	700
mom_y(292)	704	730	702	1055	705	368	701
mom_y(293)	706	729	700	1057	701	364	702
mom_y(294)	707	727	699	1056	697	358	702
mom_y(295)	709	727	698	1055	694	354	702
mom_y(296)	711	727	699	1051	690	351	702
mom_y(297)	714	730	701	1049	683	345	702
mom_y(298)	715	730	700	1043	679	342	703
mom_y(299)	718	733	698	1039	677	337	703
mom_y(300)	720	734	698	1034	672	335	705
mom_y(301)	722	733		1029	668	330	
mom_y(302)	727	733		1026	669	324	
mom_y(303)	729	732		1021	675	323	
mom_y(304)	736	733		1020	680	324	
mom_y(305)	738	732		1017	685	324	
mom_y(306)	744	733		1016	691	325	
mom_y(307)	745	734		1015		328	
mom_y(308)	750	733		1012		328	
mom_y(309)	753	733		1011		328	
mom_y(310)	754	734				330	
mom_y(311)	757	736		998		334	
mom_y(312)	762	738		1003	711	337	
mom_y(313)	766	739		1008	710	343	
mom_y(314)	770	741	705	1009	710	349	701
mom_y(315)	773	744	705	1008	708	354	702
mom_y(316)	780	747	705	1006	706	359	704
mom_y(317)	785	751	705	1009	703	364	706
mom_y(318)	792	752	705	1012	699	369	708
mom_y(319)	796	756	705	1014	695	374	709
mom_y(320)	802	759	705	1014	691	379	711
mom_y(321)	808	762	705	1018	688	380	712
mom_y(322)	813	766		1021	685	381	
mom_y(323)	814	769	706	1023	681	383	717
mom_y(324)	816	771	704	1027	678	386	720
mom_y(325)	815	774	704	1033	674	385	721
mom_y(326)	810	776	705	1035	671	383	722
mom_y(327)	808	779	704	1036	667	384	720
mom_y(328)	809	781	703	1036	663	386	717
mom_y(329)	810	784	703	1034	660	391	715
mom_y(330)	813	787	704	1032	653	392	712
mom_y(331)	816	789	703	1028	651	395	711
mom_y(332)	820	791		1026	645	396	
mom_y(333)	822	793	702	1021	643	399	718
mom_y(334)	819	796	701	1018	636	401	720
mom_y(335)	817	798	702	1012	633	402	721
mom_y(336)	813	800	702	1007	628	404	723
mom_y(337)	810	801	701	1002	623	404	725
mom_y(338)	806	802		996	618	406	

mom_y(339)	801	802	700	991	614	407	728
mom_y(340)	797	803	698	991	609	409	730
mom_y(341)	793	805	697	989	602	411	733
mom_y(342)	791	804	697	985	600	411	735
mom_y(343)	786	803	696	983	601	411	738
mom_y(344)	784	803	696	981	601	411	740
mom_y(345)	781	803	693	977	599	414	741
mom_y(346)	778	801	692	974	593	414	745
mom_y(347)	777	799	690	973	588	412	745
mom_y(348)	774	796	689	970	583	407	746
mom_y(349)	773	793	686	968	579	403	748
mom_y(350)	771	791	686	966	574	398	749
mom_y(351)	770	788	685	966	571	394	752
mom_y(352)	770	786	685	965	568	389	754
mom_y(353)	767	780	685	963	565	386	755
mom_y(354)	765	777	682	961	562	381	758
mom_y(355)	762	773	679	959	559	376	759
mom_y(356)	758	768	676	956	556	373	758
mom_y(357)	753	763	673	955	553	371	759
mom_y(358)	748	760	670	951	552	370	759
mom_y(359)	747	756	667	950	553	373	759
mom_dst(0)	0	0	0	0	0	0	0
mom_dst(1)	5.65685	4.47214	2.23607	8.544	6.40312	1.41421	1
mom_dst(2)	2.82843	5.65685	4.47214	9.21954	7.61577	0	0
mom_dst(3)	1.41421	3.60555	1	6.32456	5	1.41421	1
mom_dst(4)	2.82843	5.83095	3.60555	5	5.83095	0	1
mom_dst(5)	0	3.60555	1	5.83095	5	1.41421	0
mom_dst(6)	1.41421	3.16228	5	5	5.09902	1	0
mom_dst(7)	3.16228	4.47214	1.41421	6	2.23607	1.41421	0
mom_dst(8)	7.61577	3.16228	3.16228	9.21954	5.38516	2	0
mom_dst(9)	6.7082	5.38516	2.23607	8.06226	3	1	2
mom_dst(10)	7.28011	5.09902	1.41421	5	4.12311	1	1
mom_dst(11)	5.38516	3	5.83095	8	3.60555	5.38516	0
mom_dst(12)	5.38516	4.47214	1.41421	8.24621	5.09902	1.41421	1
mom_dst(13)	3.16228	4.12311	1	6	4.12311	0	0
mom_dst(14)	1.41421	5	4	7.28011	5.09902	2.23607	1
mom_dst(15)	2.23607	6.08276	3.60555	7.28011	7	1	0
mom_dst(16)	3.16228	3.16228	2.23607	4.47214	2.82843	5	0
mom_dst(17)	4	5	4.24264	7.81025	1.41421	2	0
mom_dst(18)	6.08276	2.23607	3.60555	5	2.23607	2	1
mom_dst(19)	1	4.12311	3.16228	7.2111	3	1	0
mom_dst(20)	2	2.23607	2	8.94427	3.60555	1	2.23607
mom_dst(21)	4.47214	3.16228	2	8.60233	5.38516	0	1.41421
mom_dst(22)	5	5.38516	2.23607	6.40312	5.38516	3.16228	1
mom_dst(23)	7.07107	2.23607	1	7.07107	6.08276	1	1.41421
mom_dst(24)	6.08276	5.83095	2	3.16228	5	1	2
mom_dst(25)	6.08276	3.60555	2	6.32456	7	1	2
mom_dst(26)	0	0	0	0	0	0	0
mom_dst(27)	6.7082	4.24264	4.47214	8.06226	6.32456	4.12311	3.16228
mom_dst(28)	5	2.82843	1	7.07107	5	4.12311	3.60555

mom_dst(29)	3.60555	2.82843	4.47214	8.06226	5	2.23607	2.23607
mom_dst(30)	1	5.38516	2.82843	5	5	1	2.23607
mom_dst(31)	4.12311	4.47214	1	9.48683	6.32456	1.41421	1.41421
mom_dst(32)	5.09902	3	5	8.94427	6.08276	1	2
mom_dst(33)			2.23607	6.08276	4.12311	1.41421	1
mom_dst(34)			1.41421	6.7082	5	4.12311	2
mom_dst(35)			5.65685	6.7082	0	3	3.16228
mom_dst(36)			1.41421	7.2111	1	1	1
mom_dst(37)			1.41421	7.28011	3.60555	2.23607	2
mom_dst(38)			5.65685	6.40312	5.38516	4.47214	4.12311
mom_dst(39)			2.23607	5	5.38516	2.82843	1.41421
mom_dst(40)	14.8661	33.121	1.41421	5.65685	4.47214	2	1
mom_dst(41)	5.65685	5	4	7.61577	5	1	2
mom_dst(42)	7.2111	4.47214	2.82843	8.60233	6.7082	1	1.41421
mom_dst(43)	6.32456	5.65685	1	9.84886	4.47214	2.82843	1
mom_dst(44)	6	2.82843	2.82843	8.544	5.38516	1	2
mom_dst(45)	5.09902	4.24264	2	5	4.12311	1	2.23607
mom_dst(46)	6.08276	2.23607	0	8.06226	4.24264	1.41421	2.82843
mom_dst(47)	5.38516	4.47214	4.47214	5.83095	4.12311	2	2
mom_dst(48)	5.38516	3.16228	1	8.48528	2.23607	3.16228	3
mom_dst(49)	9.48683	7.07107	1	5.38516	2.82843	3.16228	4.47214
mom_dst(50)	3.16228	4	1.41421	3.60555	3.60555	1.41421	3.16228
mom_dst(51)	2.23607	4.12311	2	1	4.47214	3.60555	2.82843
mom_dst(52)	4.12311	5.09902	1	3.16228	3.16228	1	2.82843
mom_dst(53)	4.12311	3	1	4.47214	4.47214	2.23607	1.41421
mom_dst(54)	6.08276	3	4.12311	4.12311	2.82843	4.47214	1
mom_dst(55)	6.08276	2	0	4.47214	6.08276	2.23607	4.12311
mom_dst(56)	6.32456	3	1.41421	3.60555	3.16228	5.38516	2
mom_dst(57)	6.7082	3	3.16228	5.65685	5	2.23607	2.23607
mom_dst(58)	5	0	5	5.83095	3.16228	6.32456	3.16228
mom_dst(59)	5	1	6	5	6	1	6.32456
mom_dst(60)	7.28011	1	2.23607	2.82843	4.24264	5.09902	3.60555
mom_dst(61)	4.12311	1	4.12311	4.24264	2.23607	2.82843	2.82843
mom_dst(62)	5.83095	2	3	4.12311	2.23607	0	3.16228
mom_dst(63)	2.23607	0	1	3.16228	3.60555	1.41421	3.16228
mom_dst(64)	5.38516	1	3.60555	3.16228	2	3.16228	3.16228
mom_dst(65)	4.47214	2.23607	2.23607	3.16228	4.12311	2	3.60555
mom_dst(66)	4.47214	1	2.82843	4	3.16228	0	4.47214
mom_dst(67)	5.83095	1.41421	1.41421	4.47214	3.60555	2.23607	4.47214
mom_dst(68)	7.2111	1	2	5	2.82843	5	4.47214
mom_dst(69)	6.32456	3	2	5.09902	2	2	3.60555
mom_dst(70)	7	4.47214	3	5.38516	3.60555	1	5.83095
mom_dst(71)	2	2.23607	1.41421	5	4	4.12311	3.60555
mom_dst(72)	1	6.08276	2.23607	7.61577	4.47214	6	1.41421
mom_dst(73)	2.82843	3.60555	3.60555	2.82843	4.12311	3	2.23607
mom_dst(74)	2	5	1.41421	5.65685	5.38516	2.82843	3
mom_dst(75)	7.28011	3.60555	1.41421	4.12311	5.09902	4.12311	2.23607
mom_dst(76)	1.41421	3.16228	3	4.12311	5.38516	2	3.16228
mom_dst(77)	2.82843	5	3.16228	5.09902	6.32456	0	3
mom_dst(78)	4.24264	2	3.60555	4.12311	5	2	5.09902

mom_dst(79)	4.47214	4	4.12311	4.47214	4.47214	4.47214	4.12311
mom_dst(80)	3.60555	2.23607	3.16228	4.47214	5	1	4
mom_dst(81)	6.7082	4.12311	3.16228	5.83095	5	1.41421	4
mom_dst(82)	2.82843	3.16228	3.60555	3.60555	4.47214	5.65685	0
mom_dst(83)	2.82843	5.83095	4	5.83095	6.32456	2.23607	2.23607
mom_dst(84)	5.83095	3.16228	1.41421	5.65685	4.12311	3.60555	2.82843
mom_dst(85)	5	3.60555	5.38516	5	4.12311	7.2111	4.12311
mom_dst(86)	1.41421	3.60555	2	4.12311	1	3.60555	3.60555
mom_dst(87)	6.7082	3.60555	5	3.16228	2.23607	4.24264	3.60555
mom_dst(88)			3.16228	5	5.83095	5	4
mom_dst(89)			2.23607	2.23607	1	2.23607	3.60555
mom_dst(90)			3	6.40312	2.82843	4.47214	3.60555
mom_dst(91)			1.41421	7.61577	2.82843	6.40312	4.47214
mom_dst(92)			1	4.47214	3.16228	1.41421	4.12311
mom_dst(93)			3.60555	8.24621	6.08276	1	5.09902
mom_dst(94)			2.23607	5	5	3.60555	5.38516
mom_dst(95)			3	5.09902	4	4	2
mom_dst(96)	40	28.6007	4.12311	4	6.32456	5	2.23607
mom_dst(97)	6.32456	4	2		6		4
mom_dst(98)	4	5	5		5.38516		1
mom_dst(99)	5.09902	4.12311	2.23607	4.24264	7.07107	6.32456	1.41421
mom_dst(100)	5.09902	6.08276	3.60555	4.24264	4.47214	3.16228	4.24264
mom_dst(101)	5.38516	2.23607	2.23607	2.82843	4.47214	6	4.24264
mom_dst(102)	6.32456	4.12311	2.82843	7.61577	3.60555	3.16228	4.12311
mom_dst(103)	4.12311	3	2.82843	6.08276	4.24264	6.08276	4
mom_dst(104)	5.09902	1	1.41421		6.40312		5.09902
mom_dst(105)	4.12311	2	4	10.2956	5.65685	4	4.47214
mom_dst(106)	6.08276	1.41421	2.23607	2.82843	3.16228	1	3.60555
mom_dst(107)	5.38516	2.23607	1	4.12311	1.41421		4.47214
mom_dst(108)	4.12311	1	1.41421	4.12311	3.16228	11.6619	2
mom_dst(109)	5.38516	2.23607	1.41421	7.07107	2	7.2111	2.23607
mom_dst(110)	3	2.23607	2.23607	4.47214	4.47214	5	2.23607
mom_dst(111)	2.23607	3.16228	0	6.7082	4.24264	6.32456	1.41421
mom_dst(112)	5.09902	3.16228	5	5.65685	2.82843	3.16228	2.23607
mom_dst(113)	3	3.60555	1	6.40312	4.24264	2	3.60555
mom_dst(114)	4	3.60555	1	5.83095	5.83095	3.60555	3.16228
mom_dst(115)	7.28011	5	4.24264	5.65685	5	4.12311	3
mom_dst(116)	3	4.24264	2.23607	7.2111	3.60555	8.60233	4
mom_dst(117)	4.12311	4.47214	1.41421	4.12311	3.60555	5.09902	2.23607
mom_dst(118)	5.83095	3.60555	1	6.08276	2.23607	7.81025	1
mom_dst(119)	5.83095	2.23607	2	4	4.12311	3	3.60555
mom_dst(120)	5.09902	5.38516	4.12311	5	5	6.7082	2.23607
mom_dst(121)	7.07107	4.24264	1.41421	8	5.09902	3	5
mom_dst(122)	4.12311	3.60555		5.09902	4	4.47214	5.83095
mom_dst(123)	4.12311	5	4.12311	6	5.09902	1	1
mom_dst(124)	7.2111	6.40312	4.47214	5.83095	5	14.8661	2.23607
mom_dst(125)	3.60555	3.16228	1.41421	5.09902	5	1	3.60555
mom_dst(126)	1	6.40312	2.23607	4	6.08276	7.28011	3
mom_dst(127)	1	4.47214	2	5.09902	5.83095	4.12311	4.47214
mom_dst(128)	2.23607	2.23607	3	8	5	2.23607	1.41421

mom_dst(129)	3.60555	4.24264	1.41421	5	6	1	2
mom_dst(130)	5	6.32456	3.16228	8	6.32456	2	2.82843
mom_dst(131)	5.38516	3.60555	2.23607	4.12311	2.23607	1	2.23607
mom_dst(132)	6.08276	2.82843	2.23607	7.07107	5.38516	4	2.23607
mom_dst(133)	5	4.24264	2	4.12311	2.23607	2.23607	1.41421
mom_dst(134)	4.47214	2.82843	2.23607	5	4.12311	2	0
mom_dst(135)	5	4.24264	3.16228	7.07107	5.09902	2.23607	1.41421
mom_dst(136)	5.09902	5	2	3	3	5.65685	2.23607
mom_dst(137)	3	3.16228	3	5.38516	2.23607	3.16228	3.16228
mom_dst(138)	3.16228	2.23607	3.16228	5.38516	2.82843	7.61577	2.23607
mom_dst(139)	4	5.38516	2	7.28011	2.82843	7.28011	4.24264
mom_dst(140)	6.08276	3.16228	3.16228	6.32456	2.23607	5.09902	2.82843
mom_dst(141)	4	5.38516	2.23607	6.32456	5.38516	7	4.24264
mom_dst(142)	3.16228	2.23607	2.23607	7.28011	7.28011	4.12311	3.60555
mom_dst(143)	7.07107	3.16228	3	4	1	7.07107	2.82843
mom_dst(144)	2	4.24264	3.60555	7.07107	2	3.60555	4.24264
mom_dst(145)	5.09902	3	2.23607	7	2.23607	7.28011	1.41421
mom_dst(146)	4	3	3.16228	4.12311	4.12311	3.60555	1
mom_dst(147)	2	3	4.12311	4.12311	4.12311	3.16228	0
mom_dst(148)	7.28011	2.23607	1	4.47214	5	7.28011	2.23607
mom_dst(149)	2	4.47214	2	2.23607	4.47214	3.16228	2.23607
mom_dst(150)	1	4.12311	3.16228	3.60555	4.24264	7.07107	2.23607
mom_dst(151)	2.23607	2.23607	2	5.09902	5	3.16228	2.23607
mom_dst(152)	2.82843	1	2.23607	4.24264	5.83095	6.32456	2
mom_dst(153)	1	1	4.47214	3.16228	5.83095	5	1
mom_dst(154)	4.24264	3.16228	2.23607	5.09902	5	8.06226	3.16228
mom_dst(155)	3.60555	3	4.12311	3.60555	5.83095	5.09902	2.82843
mom_dst(156)	7.07107	1	2.23607	4.12311	3.60555	6	5
mom_dst(157)	5.09902	2.23607	2	2.82843	4.24264	5	1
mom_dst(158)	4.12311	1.41421	1	4.24264	3.60555	6.32456	3
mom_dst(159)	6	0	1	4.12311	4.24264	5.38516	2.23607
mom_dst(160)	4.12311	0	2.23607	4.47214	1.41421	8.24621	2
mom_dst(161)	5.09902	1.41421	3.16228	5.38516	5.09902	5	2
mom_dst(162)	5.38516	1.41421	2.23607	5	1	5	3.60555
mom_dst(163)	6.08276	3	3.16228	4.12311	2	10.8167	2.82843
mom_dst(164)	2.23607	3	2	6.32456	4.12311	7.61577	4
mom_dst(165)	3.16228	1	3	5	5.83095	14.1421	4.12311
mom_dst(166)	4.47214	1.41421	3	7.07107	4.24264	16.2788	2.82843
mom_dst(167)	4.12311	2.23607	1.41421	4.12311	4.12311		3.60555
mom_dst(168)	3.16228	1	3	7.28011	1	20	4
mom_dst(169)	3.16228	2	3.16228	5.09902	6.32456	5.09902	2.23607
mom_dst(170)	4	3.16228	2.23607	5.09902	2.23607	3.16228	3.60555
mom_dst(171)	3	5	2	5.83095	6.7082	4	2.82843
mom_dst(172)	5	1.41421	3	4.47214	2	8.06226	4.12311
mom_dst(173)	7.61577	3.60555	2	4.47214	5	7	4
mom_dst(174)	2	3.16228	0	7.2111	2.23607	7	4.12311
mom_dst(175)	5.09902	4	2.23607	5.09902	5.38516	7	3.16228
mom_dst(176)	6	2.23607	2.23607	7.07107	2	5.09902	3.16228
mom_dst(177)	4.47214	4.12311	1	4.12311	5	7.07107	4.12311
mom_dst(178)	4.12311	3	2.23607	6.08276	4.12311	5	2.23607

mom_dst(179)	3	4.12311	2.82843	7.28011	2	6.08276	0
mom_dst(180)	1	3	1	4.12311	5.83095	7.07107	2.23607
mom_dst(181)	3.60555	4.12311	2.23607	8.24621	2.23607	4.12311	2.82843
mom_dst(182)	4.24264	2	1	3.16228	5.65685	5.38516	3.60555
mom_dst(183)	5.83095	4	2	5.09902	3.16228	2.82843	2.23607
mom_dst(184)	4.12311	3.60555	3.16228	5.38516	2.23607	4.12311	1
mom_dst(185)	4.12311	1	2	6.7082	5.65685	7.61577	1
mom_dst(186)			5	5.09902	1	6.32456	2.23607
mom_dst(187)			3.60555	6.08276	3.60555	5	1
mom_dst(188)			4	6.08276	4.24264	4.47214	3.60555
mom_dst(189)	18.9737	19.2354	2.23607	6	1.41421	2	1.41421
mom_dst(190)	5	4	4.12311	7	0	3.16228	3.16228
mom_dst(191)	4.24264	4.24264	2	6.08276	4	8.06226	5
mom_dst(192)	5.65685	2	4.24264	7.61577	5	1.41421	5
mom_dst(193)	5	2.23607	2.23607	6.40312	4.47214	4.24264	4.47214
mom_dst(194)	4	3.60555	1.41421	7.81025	4	2.82843	5.83095
mom_dst(195)	5.09902	3.16228	3	3.16228	2	3.16228	5
mom_dst(196)	2.23607	3.60555	2.23607	4.47214	4	5	6.08276
mom_dst(197)	6.32456	3	2.23607	6.08276	5	3	6.08276
mom_dst(198)	4.47214	3.16228	1.41421	6.7082	6	2	1
mom_dst(199)	6.08276	2.23607	2.23607	7.07107	6.08276	5.38516	3.60555
mom_dst(200)	4	5.38516	4.47214	7.28011	6.08276	1	2.23607
mom_dst(201)	6.32456	3.16228	5	7	6.32456	1	0
mom_dst(202)	6	4.47214	3	7.28011	3.16228	2.23607	2
mom_dst(203)	3.60555	3.60555	1	8	5.38516	3	3
mom_dst(204)	6.32456	4.12311	2.82843	7.28011	1	5.38516	3
mom_dst(205)	4.12311	3.60555	1	4.12311	4.47214	3.16228	4.12311
mom_dst(206)	4.12311	1	2.23607	6.08276	7.07107	2.82843	2
mom_dst(207)	3.16228	2.23607	3.16228	7.07107	2.82843	3.16228	4.12311
mom_dst(208)	1	2	2.23607	7	4	4.47214	4
mom_dst(209)	2	1.41421	4.12311	9.05539	3.60555		3.16228
mom_dst(210)	3.60555	2.82843	2	5.09902	4.47214	12	3.60555
mom_dst(211)	5.38516	1	2.23607	6.08276	2.23607	5.38516	4.47214
mom_dst(212)	6.32456	1	3	4.47214	5.09902	1.41421	3.16228
mom_dst(213)	4.24264	2.23607	4.24264	7.81025	2	4.12311	4.12311
mom_dst(214)	5.09902	1	3.16228	3.60555	2	7.81025	3.16228
mom_dst(215)	5	2	2.82843	5.65685	4.12311	1.41421	5.09902
mom_dst(216)	5	1	3.16228	2.23607	3.16228	5.09902	2
mom_dst(217)	5	1.41421	2.23607	2.23607	3.60555	2	3
mom_dst(218)	5	1	2.82843	8.06226	5	5	1.41421
mom_dst(219)	3.16228	2.82843	2.23607	5.09902	2.23607	6.32456	1
mom_dst(220)	6.32456	1.41421	3.60555	6.7082	6	5.38516	3
mom_dst(221)	3.16228	2	2.23607	5.65685	2.23607	6.7082	1.41421
mom_dst(222)	5.38516	2.23607	2.82843	4.12311	2.23607	3	0
mom_dst(223)	3.60555	3	1.41421	5.09902	3	2.82843	2.23607
mom_dst(224)	4	2.23607	1.41421	3.16228	4.47214	3.16228	2.23607
mom_dst(225)	7.2111	3	3	4.12311	6.7082	5.38516	2.82843
mom_dst(226)	4.24264	3	2	4.12311	5	9.48683	3.16228
mom_dst(227)	5.83095	3	1.41421	5	5.38516	5	3.60555
mom_dst(228)	5	4.12311	2.82843	4.12311	7.07107	8.94427	3.16228

mom_dst(229)	5.38516	2	3	4.47214	3.16228	7.07107	2.82843
mom_dst(230)	5.83095	2.82843	1.41421	6.32456	5.83095	6.08276	2.82843
mom_dst(231)	4.47214	4	2.23607	6.08276	6.08276	5	5
mom_dst(232)	6.40312	3	1	5.38516	6.08276	1	4.47214
mom_dst(233)	4.12311	4.12311	1.41421	4	6	5.38516	3.60555
mom_dst(234)	5	4.12311	2	5.65685	5.09902	2.23607	3.16228
mom_dst(235)	3.60555	4.12311	3.16228	8.24621	6.08276	7.61577	3.16228
mom_dst(236)	5	3	1	4.12311	4.47214	1.41421	6.32456
mom_dst(237)	4.47214	5.09902	2.23607	7	5.09902	3.60555	3.16228
mom_dst(238)	1.41421	2	2	3.16228	7.81025	2.23607	5.09902
mom_dst(239)	7.07107	2	1.41421	6	4.12311	5.38516	5
mom_dst(240)	2.82843	3.16228	2	2	4.12311	4	3.16228
mom_dst(241)	7.07107	2	3.16228	3	4.12311	3	5.09902
mom_dst(242)	4.24264	4	1	3.16228	5	6	5.09902
mom_dst(243)	6.40312	3	2.23607	5.65685	5	5	4.24264
mom_dst(244)	3.60555	3	6.40312	7.81025	8.60233	5.09902	2
mom_dst(245)	3.60555	3.16228	3.60555	5.83095	5.09902	5.83095	3.16228
mom_dst(246)	5.83095	3	2	8.06226	5.83095	6.32456	4
mom_dst(247)	3	4.12311	1	8.24621	2.23607	6.08276	2.82843
mom_dst(248)	3.16228	3	2.23607	8.24621	3	7.07107	3.16228
mom_dst(249)	5.38516	3.16228	2.23607	6.7082	4.47214	4	1
mom_dst(250)	3.16228	5	2.82843	7.61577	3.60555	7.28011	1.41421
mom_dst(251)	4.12311	2.23607	1	5.38516	5.65685	4.12311	4
mom_dst(252)	7.07107	4.12311	1	7.2111	5.09902	7	3
mom_dst(253)	3.16228	5.38516	4.47214	7.28011	2.82843	3.16228	4
mom_dst(254)	2.23607	2.23607	3.60555	2.23607	3.60555	4.12311	4
mom_dst(255)	5.09902	4.47214	1.41421	4	6.7082	4	5.09902
mom_dst(256)	3.60555	2.23607	1.41421	9	6.7082	5.83095	3
mom_dst(257)	2.23607	5	2.23607	3.16228	4.24264	5	6
mom_dst(258)	6.32456	3.60555	2	6.32456	5	6.08276	4.12311
mom_dst(259)	3.60555	3.60555	1	8.24621	5.65685	7.81025	1
mom_dst(260)	5	5	1	2.23607	5	5.65685	6.08276
mom_dst(261)	7.2111	4.47214	1	2.82843	9.21954	6.40312	2.23607
mom_dst(262)	2	5.65685	2.23607	5	0	5.65685	4.12311
mom_dst(263)	7.28011	4.47214	3.16228	4.47214	2.23607	5.83095	3.16228
mom_dst(264)	3.60555	6.40312	1.41421	5.38516	1	7.07107	3.16228
mom_dst(265)	2.23607	3.60555	2	3.60555	5.38516	7.07107	3.16228
mom_dst(266)	5.83095	5.09902	2	4.24264	3.60555	3.60555	2.23607
mom_dst(267)	2.23607	3.16228	1	1	5	7.81025	5.09902
mom_dst(268)	5.38516	3.16228	4.47214	4.24264	5.65685	4.47214	1
mom_dst(269)	4.12311	4	1	5.65685	5.65685	4.47214	3.60555
mom_dst(270)	5.09902	2.23607	2	5.83095	6.40312	6.40312	1.41421
mom_dst(271)	2	1.41421	3.60555	5.83095	6.40312	3.16228	2.23607
mom_dst(272)	4.12311	5.38516	1.41421	5.83095	3	3.16228	5.38516
mom_dst(273)	3.16228	3.60555	1	7.61577	2.23607	6.40312	1.41421
mom_dst(274)	3.16228	1	3.16228	5.09902	5.83095	4.12311	5.83095
mom_dst(275)	5.83095	2.23607	2.23607	7	5.38516	2	1.41421
mom_dst(276)	2.23607	2	0	5	5.38516	4.24264	0
mom_dst(277)	5.38516	2.82843	2	8.544	6.7082	2.23607	2.23607
mom_dst(278)	7.2111	3.60555	3.60555	2.23607	5.38516	3.60555	3.16228

mom_dst(279)	4.12311	3.60555	1.41421	7.28011	6.7082	5.09902	2.82843
mom_dst(280)	4.47214	2.23607	1	3.60555	4.47214	4.24264	3.60555
mom_dst(281)	5.09902	1	3.16228	5.83095	8.48528	3.60555	2
mom_dst(282)	2.23607	1.41421	2	2.82843	5	4.47214	1.41421
mom_dst(283)	7.07107	2.23607	1	6.40312	5.83095	0	3.60555
mom_dst(284)	3		2.23607	3.60555		2.23607	2.23607
mom_dst(285)	7		2.23607	5.83095		2.23607	1
mom_dst(286)	5.38516		1.41421	1.41421		1	1
mom_dst(287)	3		3.16228	1		3.60555	2
mom_dst(288)	4.12311	3.60555	3.16228	4	7	2.23607	1.41421
mom_dst(289)	2	4.47214	1.41421	3.60555	2	3	4
mom_dst(290)	6.08276	2	2.82843	5	6.08276	5.09902	2.23607
mom_dst(291)	3	0	2.23607	5.09902	5.38516	5.09902	1
mom_dst(292)	2.23607	0	2.23607	4.12311	6.32456	4.47214	5.09902
mom_dst(293)	7.28011	1.41421	2.23607	7.28011	7.2111	4	1.41421
mom_dst(294)	3.16228	2	2.23607	6.08276	5	6.08276	4
mom_dst(295)	5.38516	2	1	4.12311	4.24264	4	4
mom_dst(296)	3.60555	1	1.41421	7.2111	5	3	0
mom_dst(297)	5.83095	4.24264	3.60555	3.60555	7.28011	6	1
mom_dst(298)	4.12311	0	1	6.7082	4.12311	3	1.41421
mom_dst(299)	5.83095	3.16228	2	4.12311	3.60555	5.09902	5
mom_dst(300)	3.60555	1.41421	0	5	5.09902	2	2.82843
mom_dst(301)	2.82843	1		5.38516	4.47214	5	
mom_dst(302)	6.40312	1		4.24264	3.16228	6	
mom_dst(303)	3.60555	2.23607		6.40312	6.32456	1	
mom_dst(304)	7.61577	2.23607		4.12311	5	1.41421	
mom_dst(305)	3.60555	2.23607		5.83095	5	0	
mom_dst(306)	6.7082	1.41421		3.16228	6.08276	1.41421	
mom_dst(307)	2.23607	4.12311		6.08276		4.24264	
mom_dst(308)	6.40312	3.16228		5.83095		2	
mom_dst(309)	5	3		6.08276		3	
mom_dst(310)	2.23607	2.23607				2.23607	
mom_dst(311)	5	4.47214		13.9284		4.47214	
mom_dst(312)	6.40312	2.82843		5.09902	20.2237	3	
mom_dst(313)	5	1.41421		7.07107	2.23607	6	
mom_dst(314)	4.47214	2.82843	14.7648	3.16228	1	6	19.4165
mom_dst(315)	3.16228	3	2	2.23607	3.60555	5.38516	2.23607
mom_dst(316)	7.28011	3.16228	0	2.82843	3.60555	5.09902	3.60555
mom_dst(317)	5	4	4	5	4.24264	5	3.60555
mom_dst(318)	7.28011	1.41421	1	3.16228	5.65685	5.09902	3.60555
mom_dst(319)	4	4.12311	2	2	5.65685	5.09902	2.23607
mom_dst(320)	7.2111	3	3	2	5	5.09902	3.60555
mom_dst(321)	6.08276	3	1	4.12311	3.60555	1.41421	2.23607
mom_dst(322)	5.38516	5		3	3.60555	1	
mom_dst(323)	1.41421	3	4.12311	2.23607	5	3.60555	5.83095
mom_dst(324)	7.28011	2.23607	2.82843	4	3.60555	4.24264	4.24264
mom_dst(325)	1.41421	3.16228	2	6.32456	4.47214	2.23607	1.41421
mom_dst(326)	5.38516	2.23607	1.41421	4.47214	3.16228	2.23607	1
mom_dst(327)	2	3.60555	3.16228	3.16228	5	2.23607	2
mom_dst(328)	1.41421	2.23607	1.41421	3	4.47214	2.23607	3

mom_dst(329)	1.41421	4.24264	1	4.47214	4.24264	6.40312	2
mom_dst(330)	3	3.16228	2.23607	3.60555	7.28011	4.12311	3.16228
mom_dst(331)	5.83095	3.60555	2.23607	5.65685	2.82843	5	1.41421
mom_dst(332)	5	2.23607		2.23607	6.7082	5.09902	
mom_dst(333)	2.23607	2.82843	6.08276	5.38516	2.82843	5.83095	7.61577
mom_dst(334)	3.16228	3.60555	1.41421	3	7.28011	7.28011	2.23607
mom_dst(335)	2.82843	2.82843	2.23607	6	3.16228	3.16228	1.41421
mom_dst(336)	4.47214	3.60555	4	5.38516	5.09902	5.38516	3.60555
mom_dst(337)	3	1.41421	1.41421	5.83095	5.38516	5	2.82843
mom_dst(338)	4	1		7.2111	5.38516	7.28011	
mom_dst(339)	5.38516	1	5.09902	5	4.47214	6.08276	4.24264
mom_dst(340)	5.65685	1.41421	2.82843	3	5.38516	5.38516	2.82843
mom_dst(341)	6.40312	2	2.23607	3.60555	7.07107	6.32456	4.24264
mom_dst(342)	4.47214	1.41421	1	6.40312	2	3	2.23607
mom_dst(343)	7.81025	1.41421	2.23607	2.82843	1.41421	8	5
mom_dst(344)	5.38516	3	4	4.47214	3	2	2.82843
mom_dst(345)	5	3	3	5	2.23607	3.60555	2.23607
mom_dst(346)	4.24264	4.47214	3.16228	6.7082	6.7082	4	5.65685
mom_dst(347)	3.16228	3.60555	2.23607	2.23607	5.38516	2.23607	1
mom_dst(348)	5.83095	5	3.16228	5.83095	5.83095	5.83095	1.41421
mom_dst(349)	1.41421	3.60555	3.16228	4.47214	5.65685	5.65685	3.60555
mom_dst(350)	5.38516	2.82843	3	5.38516	5.83095	7.07107	2.23607
mom_dst(351)	2.23607	3.60555	1	5	4.24264	5.65685	5.83095
mom_dst(352)	3	2.82843	2	3.16228	4.24264	6.40312	2.82843
mom_dst(353)	3.60555	7.2111	1	7.28011	3.60555	3.60555	1.41421
mom_dst(354)	2.82843	3.16228	3.60555	3.60555	5	6.40312	5
mom_dst(355)	3.16228	4	3.16228	7.28011	4.24264	5.83095	1.41421
mom_dst(356)	4	5.38516	3.60555	4.24264	5.83095	3.60555	1
mom_dst(357)	5.38516	5.09902	3	5.09902	3.16228	2.82843	1
mom_dst(358)	5.38516	3.16228	3.16228	6.40312	3.16228	1.41421	2
mom_dst(359)	2.23607	4	3.16228	2.23607	1.41421	3	1
acc_dst(0)	0	0	0	0	0	0	0
acc_dst(1)	5.65685	4.47214	2.23607	8.544	6.40312	1.41421	1
acc_dst(2)	8.48528	10.129	6.7082	17.7635	14.0189	1.41421	1
acc_dst(3)	9.89949	13.7345	7.7082	24.0881	19.0189	2.82843	2
acc_dst(4)	12.7279	19.5655	11.3138	29.0881	24.8498	2.82843	3
acc_dst(5)	12.7279	23.171	12.3138	34.9191	29.8498	4.24264	3
acc_dst(6)	14.1421	26.3333	17.3138	39.9191	34.9489	5.24264	3
acc_dst(7)	17.3044	30.8055	18.728	45.9191	37.1849	6.65685	3
acc_dst(8)	24.9202	33.9677	21.8902	55.1386	42.5701	8.65685	3
acc_dst(9)	31.6284	39.3529	24.1263	63.2009	45.5701	9.65685	5
acc_dst(10)	38.9085	44.4519	25.5405	68.2009	49.6932	10.6569	6
acc_dst(11)	44.2937	47.4519	31.3715	76.2009	53.2988	16.042	6
acc_dst(12)	49.6788	51.9241	32.7857	84.4471	58.3978	17.4562	7
acc_dst(13)	52.8411	56.0472	33.7857	90.4471	62.5209	17.4562	7
acc_dst(14)	54.2553	61.0472	37.7857	97.7272	67.6199	19.6923	8
acc_dst(15)	56.4914	67.1299	41.3912	105.007	74.6199	20.6923	8
acc_dst(16)	59.6537	70.2922	43.6273	109.479	77.4483	25.6923	8
acc_dst(17)	63.6537	75.2922	47.87	117.29	78.8625	27.6923	8
acc_dst(18)	69.7364	77.5283	51.4755	122.29	81.0986	29.6923	9

acc_dst(19)	70.7364	81.6514	54.6378	129.501	84.0986	30.6923	9
acc_dst(20)	72.7364	83.8874	56.6378	138.445	87.7042	31.6923	11.2361
acc_dst(21)	77.2086	87.0497	58.6378	147.047	93.0893	31.6923	12.6503
acc_dst(22)	82.2086	92.4349	60.8739	153.45	98.4745	34.8546	13.6503
acc_dst(23)	89.2796	94.671	61.8739	160.522	104.557	35.8546	15.0645
acc_dst(24)	95.3624	100.502	63.8739	163.684	109.557	36.8546	17.0645
acc_dst(25)	101.445	104.107	65.8739	170.008	116.557	37.8546	19.0645
acc_dst(26)	101.445	104.107	65.8739	170.008	116.557	37.8546	19.0645
acc_dst(27)	108.153	108.35	70.346	178.071	122.882	41.9777	22.2268
acc_dst(28)	113.153	111.179	71.346	185.142	127.882	46.1008	25.8323
acc_dst(29)	116.759	114.007	75.8181	193.204	132.882	48.3369	28.0684
acc_dst(30)	117.759	119.392	78.6465	198.204	137.882	49.3369	30.3045
acc_dst(31)	121.882	123.864	79.6465	207.691	144.206	50.7511	31.7187
acc_dst(32)	126.981	126.864	84.6465	216.635	150.289	51.7511	33.7187
acc_dst(33)			86.8826	222.718	154.412	53.1653	34.7187
acc_dst(34)			88.2968	229.426	159.412	57.2884	36.7187
acc_dst(35)			93.9537	236.134	159.412	60.2884	39.881
acc_dst(36)			95.3679	243.345	160.412	61.2884	40.881
acc_dst(37)			96.7821	250.625	164.018	63.5245	42.881
acc_dst(38)			102.439	257.029	169.403	67.9966	47.0041
acc_dst(39)			104.675	262.029	174.788	70.825	48.4183
acc_dst(40)	141.847	159.985	106.089	267.685	179.26	72.825	49.4183
acc_dst(41)	147.504	164.985	110.089	275.301	184.26	73.825	51.4183
acc_dst(42)	154.715	169.457	112.918	283.904	190.968	74.825	52.8325
acc_dst(43)	161.04	175.114	113.918	293.752	195.441	77.6534	53.8325
acc_dst(44)	167.04	177.943	116.746	302.296	200.826	78.6534	55.8325
acc_dst(45)	172.139	182.185	118.746	307.296	204.949	79.6534	58.0686
acc_dst(46)	178.221	184.421	118.746	315.359	209.192	81.0677	60.897
acc_dst(47)	183.607	188.894	123.218	321.19	213.315	83.0677	62.897
acc_dst(48)	188.992	192.056	124.218	329.675	215.551	86.2299	65.897
acc_dst(49)	198.479	199.127	125.218	335.06	218.379	89.3922	70.3691
acc_dst(50)	201.641	203.127	126.632	338.666	221.985	90.8064	73.5314
acc_dst(51)	203.877	207.25	128.632	339.666	226.457	94.412	76.3598
acc_dst(52)	208	212.349	129.632	342.828	229.619	95.412	79.1882
acc_dst(53)	212.123	215.349	130.632	347.3	234.091	97.6481	80.6025
acc_dst(54)	218.206	218.349	134.756	351.423	236.92	102.12	81.6025
acc_dst(55)	224.289	220.349	134.756	355.895	243.002	104.356	85.7256
acc_dst(56)	230.613	223.349	136.17	359.501	246.165	109.741	87.7256
acc_dst(57)	237.321	226.349	139.332	365.158	251.165	111.977	89.9616
acc_dst(58)	242.321	226.349	144.332	370.989	254.327	118.302	93.1239
acc_dst(59)	247.321	227.349	150.332	375.989	260.327	119.302	99.4485
acc_dst(60)	254.602	228.349	152.568	378.817	264.57	124.401	103.054
acc_dst(61)	258.725	229.349	156.691	383.06	266.806	127.229	105.882
acc_dst(62)	264.556	231.349	159.691	387.183	269.042	127.229	109.045
acc_dst(63)	266.792	231.349	160.691	390.345	272.647	128.644	112.207
acc_dst(64)	272.177	232.349	164.297	393.507	274.647	131.806	115.369
acc_dst(65)	276.649	234.585	166.533	396.67	278.77	133.806	118.975
acc_dst(66)	281.121	235.585	169.361	400.67	281.933	133.806	123.447
acc_dst(67)	286.952	236.999	170.775	405.142	285.538	136.042	127.919
acc_dst(68)	294.163	237.999	172.775	410.142	288.367	141.042	132.391

acc_dst(69)	300.488	240.999	174.775	415.241	290.367	143.042	135.997
acc_dst(70)	307.488	245.471	177.775	420.626	293.972	144.042	141.828
acc_dst(71)	309.488	247.707	179.19	425.626	297.972	148.165	145.433
acc_dst(72)	310.488	253.79	181.426	433.242	302.444	154.165	146.848
acc_dst(73)	313.316	257.396	185.031	436.07	306.567	157.165	149.084
acc_dst(74)	315.316	262.396	186.446	441.727	311.953	159.994	152.084
acc_dst(75)	322.596	266.001	187.86	445.85	317.052	164.117	154.32
acc_dst(76)	324.01	269.164	190.86	449.973	322.437	166.117	157.482
acc_dst(77)	326.839	274.164	194.022	455.072	328.761	166.117	160.482
acc_dst(78)	331.082	276.164	197.628	459.195	333.761	168.117	165.581
acc_dst(79)	335.554	280.164	201.751	463.667	338.233	172.589	169.704
acc_dst(80)	339.159	282.4	204.913	468.14	343.233	173.589	173.704
acc_dst(81)	345.867	286.523	208.075	473.971	348.233	175.003	177.704
acc_dst(82)	348.696	289.685	211.681	477.576	352.706	180.66	177.704
acc_dst(83)	351.524	295.516	215.681	483.407	359.03	182.896	179.94
acc_dst(84)	357.355	298.678	217.095	489.064	363.153	186.502	182.769
acc_dst(85)	362.355	302.284	222.48	494.064	367.276	193.713	186.892
acc_dst(86)	363.769	305.889	224.48	498.187	368.276	197.318	190.497
acc_dst(87)	370.478	309.495	229.48	501.349	370.512	201.561	194.103
acc_dst(88)			232.642	506.349	376.343	206.561	198.103
acc_dst(89)			234.879	508.585	377.343	208.797	201.708
acc_dst(90)			237.879	514.989	380.172	213.269	205.314
acc_dst(91)			239.293	522.604	383	219.672	209.786
acc_dst(92)			240.293	527.076	386.163	221.086	213.909
acc_dst(93)			243.898	535.323	392.245	222.086	219.008
acc_dst(94)			246.134	540.323	397.245	225.692	224.393
acc_dst(95)			249.134	545.422	401.245	229.692	226.393
acc_dst(96)	410.478	338.096	253.257	549.422	407.57	234.692	228.629
acc_dst(97)	416.802	342.096	255.257		413.57		232.629
acc_dst(98)	420.802	347.096	260.257		418.955		233.629
acc_dst(99)	425.901	351.219	262.494	553.664	426.026	241.016	235.044
acc_dst(100)	431	357.302	266.099	557.907	430.498	244.179	239.286
acc_dst(101)	436.385	359.538	268.335	560.735	434.97	250.179	243.529
acc_dst(102)	442.71	363.661	271.164	568.351	438.576	253.341	247.652
acc_dst(103)	446.833	366.661	273.992	574.434	442.819	259.424	251.652
acc_dst(104)	451.932	367.661	275.406		449.222		256.751
acc_dst(105)	456.055	369.661	279.406	584.73	454.879	263.424	261.223
acc_dst(106)	462.138	371.075	281.642	587.558	458.041	264.424	264.829
acc_dst(107)	467.523	373.311	282.642	591.681	459.455		269.301
acc_dst(108)	471.646	374.311	284.056	595.804	462.617	276.086	271.301
acc_dst(109)	477.031	376.547	285.471	602.875	464.617	283.297	273.537
acc_dst(110)	480.031	378.783	287.707	607.347	469.089	288.297	275.773
acc_dst(111)	482.267	381.945	287.707	614.056	473.332	294.621	277.187
acc_dst(112)	487.366	385.108	292.707	619.712	476.16	297.784	279.423
acc_dst(113)	490.366	388.713	293.707	626.116	480.403	299.784	283.029
acc_dst(114)	494.366	392.319	294.707	631.946	486.234	303.389	286.191
acc_dst(115)	501.647	397.319	298.949	637.603	491.234	307.512	289.191
acc_dst(116)	504.647	401.561	301.185	644.814	494.84	316.115	293.191
acc_dst(117)	508.77	406.034	302.6	648.938	498.445	321.214	295.427
acc_dst(118)	514.601	409.639	303.6	655.02	500.681	329.024	296.427

acc_dst(119)	520.432	411.875	305.6	659.02	504.804	332.024	300.033
acc_dst(120)	525.531	417.26	309.723	664.02	509.804	338.732	302.269
acc_dst(121)	532.602	421.503	311.137	672.02	514.903	341.732	307.269
acc_dst(122)	536.725	425.109		677.119	518.903	346.204	313.1
acc_dst(123)	540.848	430.109	315.26	683.119	524.002	347.204	314.1
acc_dst(124)	548.059	436.512	319.732	688.95	529.002	362.07	316.336
acc_dst(125)	551.665	439.674	321.146	694.049	534.002	363.07	319.941
acc_dst(126)	552.665	446.077	323.383	698.049	540.085	370.35	322.941
acc_dst(127)	553.665	450.549	325.383	703.148	545.916	374.473	327.413
acc_dst(128)	555.901	452.785	328.383	711.148	550.916	376.71	328.828
acc_dst(129)	559.506	457.028	329.797	716.148	556.916	377.71	330.828
acc_dst(130)	564.506	463.352	332.959	724.148	563.241	379.71	333.656
acc_dst(131)	569.891	466.958	335.195	728.271	565.477	380.71	335.892
acc_dst(132)	575.974	469.786	337.431	735.343	570.862	384.71	338.128
acc_dst(133)	580.974	474.029	339.431	739.466	573.098	386.946	339.542
acc_dst(134)	585.446	476.857	341.667	744.466	577.221	388.946	339.542
acc_dst(135)	590.446	481.1	344.83	751.537	582.32	391.182	340.957
acc_dst(136)	595.545	486.1	346.83	754.537	585.32	396.839	343.193
acc_dst(137)	598.545	489.262	349.83	759.922	587.556	400.001	346.355
acc_dst(138)	601.708	491.498	352.992	765.307	590.385	407.617	348.591
acc_dst(139)	605.708	496.884	354.992	772.587	593.213	414.897	352.834
acc_dst(140)	611.79	500.046	358.154	778.912	595.449	419.996	355.662
acc_dst(141)	615.79	505.431	360.39	785.236	600.834	426.996	359.905
acc_dst(142)	618.953	507.667	362.626	792.516	608.114	431.119	363.51
acc_dst(143)	626.024	510.829	365.626	796.516	609.114	438.19	366.339
acc_dst(144)	628.024	515.072	369.232	803.587	611.114	441.795	370.581
acc_dst(145)	633.123	518.072	371.468	810.587	613.35	449.076	371.996
acc_dst(146)	637.123	521.072	374.63	814.711	617.474	452.681	372.996
acc_dst(147)	639.123	524.072	378.753	818.834	621.597	455.843	372.996
acc_dst(148)	646.403	526.308	379.753	823.306	626.597	463.123	375.232
acc_dst(149)	648.403	530.78	381.753	825.542	631.069	466.286	377.468
acc_dst(150)	649.403	534.903	384.915	829.147	635.311	473.357	379.704
acc_dst(151)	651.639	537.139	386.915	834.246	640.311	476.519	381.94
acc_dst(152)	654.467	538.139	389.152	838.489	646.142	482.844	383.94
acc_dst(153)	655.467	539.139	393.624	841.651	651.973	487.844	384.94
acc_dst(154)	659.71	542.302	395.86	846.75	656.973	495.906	388.102
acc_dst(155)	663.315	545.302	399.983	850.356	662.804	501.005	390.931
acc_dst(156)	670.386	546.302	402.219	854.479	666.41	507.005	395.931
acc_dst(157)	675.486	548.538	404.219	857.307	670.652	512.005	396.931
acc_dst(158)	679.609	549.952	405.219	861.55	674.258	518.33	399.931
acc_dst(159)	685.609	549.952	406.219	865.673	678.501	523.715	402.167
acc_dst(160)	689.732	549.952	408.455	870.145	679.915	531.961	404.167
acc_dst(161)	694.831	551.366	411.617	875.53	685.014	536.961	406.167
acc_dst(162)	700.216	552.78	413.853	880.53	686.014	541.961	409.772
acc_dst(163)	706.299	555.78	417.016	884.654	688.014	552.778	412.601
acc_dst(164)	708.535	558.78	419.016	890.978	692.137	560.393	416.601
acc_dst(165)	711.697	559.78	422.016	895.978	697.968	574.535	420.724
acc_dst(166)	716.169	561.195	425.016	903.049	702.211	590.814	423.552
acc_dst(167)	720.292	563.431	426.43	907.172	706.334		427.158
acc_dst(168)	723.455	564.431	429.43	914.452	707.334	610.814	431.158

acc_dst(169)	726.617	566.431	432.592	919.551	713.658	615.913	433.394
acc_dst(170)	730.617	569.593	434.828	924.65	715.894	619.076	436.999
acc_dst(171)	733.617	574.593	436.828	930.481	722.603	623.076	439.828
acc_dst(172)	738.617	576.007	439.828	934.954	724.603	631.138	443.951
acc_dst(173)	746.233	579.613	441.828	939.426	729.603	638.138	447.951
acc_dst(174)	748.233	582.775	441.828	946.637	731.839	645.138	452.074
acc_dst(175)	753.332	586.775	444.064	951.736	737.224	652.138	455.236
acc_dst(176)	759.332	589.011	446.3	958.807	739.224	657.237	458.399
acc_dst(177)	763.804	593.134	447.3	962.93	744.224	664.308	462.522
acc_dst(178)	767.927	596.134	449.536	969.013	748.347	669.308	464.758
acc_dst(179)	770.927	600.257	452.365	976.293	750.347	675.391	464.758
acc_dst(180)	771.927	603.257	453.365	980.416	756.178	682.462	466.994
acc_dst(181)	775.532	607.38	455.601	988.662	758.414	686.585	469.822
acc_dst(182)	779.775	609.38	456.601	991.824	764.071	691.97	473.428
acc_dst(183)	785.606	613.38	458.601	996.923	767.233	694.798	475.664
acc_dst(184)	789.729	616.986	461.763	1002.31	769.469	698.922	476.664
acc_dst(185)	793.852	617.986	463.763	1009.02	775.126	706.537	477.664
acc_dst(186)			468.763	1014.12	776.126	712.862	479.9
acc_dst(187)			472.369	1020.2	779.731	717.862	480.9
acc_dst(188)			476.369	1026.28	783.974	722.334	484.505
acc_dst(189)	812.826	637.221	478.605	1032.28	785.388	724.334	485.92
acc_dst(190)	817.826	641.221	482.728	1039.28	785.388	727.496	489.082
acc_dst(191)	822.069	645.464	484.728	1045.36	789.388	735.559	494.082
acc_dst(192)	827.725	647.464	488.971	1052.98	794.388	736.973	499.082
acc_dst(193)	832.725	649.7	491.207	1059.38	798.86	741.215	503.554
acc_dst(194)	836.725	653.306	492.621	1067.19	802.86	744.044	509.385
acc_dst(195)	841.824	656.468	495.621	1070.36	804.86	747.206	514.385
acc_dst(196)	844.06	660.073	497.857	1074.83	808.86	752.206	520.468
acc_dst(197)	850.385	663.073	500.093	1080.91	813.86	755.206	526.551
acc_dst(198)	854.857	666.236	501.507	1087.62	819.86	757.206	527.551
acc_dst(199)	860.94	668.472	503.743	1094.69	825.943	762.591	531.156
acc_dst(200)	864.94	673.857	508.215	1101.97	832.026	763.591	533.392
acc_dst(201)	871.264	677.019	513.215	1108.97	838.351	764.591	533.392
acc_dst(202)	877.264	681.491	516.215	1116.25	841.513	766.827	535.392
acc_dst(203)	880.87	685.097	517.215	1124.25	846.898	769.827	538.392
acc_dst(204)	887.195	689.22	520.044	1131.53	847.898	775.212	541.392
acc_dst(205)	891.318	692.826	521.044	1135.65	852.37	778.375	545.515
acc_dst(206)	895.441	693.826	523.28	1141.74	859.441	781.203	547.515
acc_dst(207)	898.603	696.062	526.442	1148.81	862.27	784.365	551.638
acc_dst(208)	899.603	698.062	528.678	1155.81	866.27	788.838	555.638
acc_dst(209)	901.603	699.476	532.801	1164.86	869.875		558.801
acc_dst(210)	905.209	702.304	534.801	1169.96	874.347	800.838	562.406
acc_dst(211)	910.594	703.304	537.037	1176.04	876.583	806.223	566.878
acc_dst(212)	916.918	704.304	540.037	1180.52	881.682	807.637	570.041
acc_dst(213)	921.161	706.54	544.28	1188.33	883.682	811.76	574.164
acc_dst(214)	926.26	707.54	547.442	1191.93	885.682	819.57	577.326
acc_dst(215)	931.26	709.54	550.271	1197.59	889.806	820.985	582.425
acc_dst(216)	936.26	710.54	553.433	1199.83	892.968	826.084	584.425
acc_dst(217)	941.26	711.955	555.669	1202.06	896.573	828.084	587.425
acc_dst(218)	946.26	712.955	558.497	1210.12	901.573	833.084	588.839

acc_dst(219)	949.422	715.783	560.734	1215.22	903.809	839.408	589.839
acc_dst(220)	955.747	717.197	564.339	1221.93	909.809	844.793	592.839
acc_dst(221)	958.909	719.197	566.575	1227.59	912.045	851.502	594.253
acc_dst(222)	964.294	721.433	569.404	1231.71	914.282	854.502	594.253
acc_dst(223)	967.9	724.433	570.818	1236.81	917.282	857.33	596.489
acc_dst(224)	971.9	726.669	572.232	1239.97	921.754	860.492	598.726
acc_dst(225)	979.111	729.669	575.232	1244.09	928.462	865.877	601.554
acc_dst(226)	983.354	732.669	577.232	1248.22	933.462	875.364	604.716
acc_dst(227)	989.185	735.669	578.646	1253.22	938.847	880.364	608.322
acc_dst(228)	994.185	739.792	581.475	1257.34	945.918	889.308	611.484
acc_dst(229)	999.57	741.792	584.475	1261.81	949.08	896.38	614.313
acc_dst(230)	1005.4	744.621	585.889	1268.14	954.911	902.462	617.141
acc_dst(231)	1009.87	748.621	588.125	1274.22	960.994	907.462	622.141
acc_dst(232)	1016.28	751.621	589.125	1279.61	967.077	908.462	626.613
acc_dst(233)	1020.4	755.744	590.539	1283.61	973.077	913.847	630.219
acc_dst(234)	1025.4	759.867	592.539	1289.26	978.176	916.084	633.381
acc_dst(235)	1029	763.99	595.701	1297.51	984.259	923.699	636.543
acc_dst(236)	1034	766.99	596.701	1301.63	988.731	925.114	642.868
acc_dst(237)	1038.48	772.089	598.938	1308.63	993.83	928.719	646.03
acc_dst(238)	1039.89	774.089	600.938	1311.79	1001.64	930.955	651.129
acc_dst(239)	1046.96	776.089	602.352	1317.79	1005.76	936.34	656.129
acc_dst(240)	1049.79	779.251	604.352	1319.79	1009.89	940.34	659.291
acc_dst(241)	1056.86	781.251	607.514	1322.79	1014.01	943.34	664.39
acc_dst(242)	1061.1	785.251	608.514	1325.96	1019.01	949.34	669.489
acc_dst(243)	1067.51	788.251	610.75	1331.61	1024.01	954.34	673.732
acc_dst(244)	1071.11	791.251	617.153	1339.42	1032.61	959.439	675.732
acc_dst(245)	1074.72	794.414	620.759	1345.25	1037.71	965.27	678.894
acc_dst(246)	1080.55	797.414	622.759	1353.32	1043.54	971.595	682.894
acc_dst(247)	1083.55	801.537	623.759	1361.56	1045.78	977.678	685.723
acc_dst(248)	1086.71	804.537	625.995	1369.81	1048.78	984.749	688.885
acc_dst(249)	1092.1	807.699	628.231	1376.52	1053.25	988.749	689.885
acc_dst(250)	1095.26	812.699	631.059	1384.13	1056.86	996.029	691.299
acc_dst(251)	1099.38	814.935	632.059	1389.52	1062.51	1000.15	695.299
acc_dst(252)	1106.45	819.058	633.059	1396.73	1067.61	1007.15	698.299
acc_dst(253)	1109.62	824.443	637.531	1404.01	1070.44	1010.31	702.299
acc_dst(254)	1111.85	826.68	641.137	1406.25	1074.05	1014.44	706.299
acc_dst(255)	1116.95	831.152	642.551	1410.25	1080.75	1018.44	711.398
acc_dst(256)	1120.56	833.388	643.965	1419.25	1087.46	1024.27	714.398
acc_dst(257)	1122.79	838.388	646.201	1422.41	1091.7	1029.27	720.398
acc_dst(258)	1129.12	841.993	648.201	1428.73	1096.7	1035.35	724.521
acc_dst(259)	1132.72	845.599	649.201	1436.98	1102.36	1043.16	725.521
acc_dst(260)	1137.72	850.599	650.201	1439.21	1107.36	1048.82	731.604
acc_dst(261)	1144.93	855.071	651.201	1442.04	1116.58	1055.22	733.84
acc_dst(262)	1146.93	860.728	653.438	1447.04	1116.58	1060.88	737.963
acc_dst(263)	1154.21	865.2	656.6	1451.52	1118.82	1066.71	741.126
acc_dst(264)	1157.82	871.603	658.014	1456.9	1119.82	1073.78	744.288
acc_dst(265)	1160.06	875.209	660.014	1460.51	1125.2	1080.85	747.45
acc_dst(266)	1165.89	880.308	662.014	1464.75	1128.81	1084.46	749.686
acc_dst(267)	1168.12	883.47	663.014	1465.75	1133.81	1092.27	754.785
acc_dst(268)	1173.51	886.632	667.486	1469.99	1139.46	1096.74	755.785

acc_dst(269)	1177.63	890.632	668.486	1475.65	1145.12	1101.21	759.391
acc_dst(270)	1182.73	892.868	670.486	1481.48	1151.52	1107.61	760.805
acc_dst(271)	1184.73	894.283	674.092	1487.31	1157.93	1110.78	763.041
acc_dst(272)	1188.85	899.668	675.506	1493.14	1160.93	1113.94	768.426
acc_dst(273)	1192.01	903.273	676.506	1500.76	1163.16	1120.34	769.84
acc_dst(274)	1195.18	904.273	679.668	1505.86	1168.99	1124.47	775.671
acc_dst(275)	1201.01	906.509	681.904	1512.86	1174.38	1126.47	777.086
acc_dst(276)	1203.24	908.509	681.904	1517.86	1179.76	1130.71	777.086
acc_dst(277)	1208.63	911.338	683.904	1526.4	1186.47	1132.94	779.322
acc_dst(278)	1215.84	914.943	687.51	1528.64	1191.86	1136.55	782.484
acc_dst(279)	1219.96	918.549	688.924	1535.92	1198.57	1141.65	785.312
acc_dst(280)	1224.44	920.785	689.924	1539.52	1203.04	1145.89	788.918
acc_dst(281)	1229.53	921.785	693.086	1545.35	1211.52	1149.5	790.918
acc_dst(282)	1231.77	923.199	695.086	1548.18	1216.52	1153.97	792.332
acc_dst(283)	1238.84	925.435	696.086	1554.58	1222.35	1153.97	795.938
acc_dst(284)	1241.84		698.322	1558.19		1156.2	798.174
acc_dst(285)	1248.84		700.558	1564.02		1158.44	799.174
acc_dst(286)	1254.23		701.973	1565.43		1159.44	800.174
acc_dst(287)	1257.23		705.135	1566.43		1163.05	802.174
acc_dst(288)	1261.35	929.041	708.297	1570.43	1229.35	1165.28	803.588
acc_dst(289)	1263.35	933.513	709.711	1574.04	1231.35	1168.28	807.588
acc_dst(290)	1269.43	935.513	712.54	1579.04	1237.44	1173.38	809.824
acc_dst(291)	1272.43	935.513	714.776	1584.14	1242.82	1178.48	810.824
acc_dst(292)	1274.67	935.513	717.012	1588.26	1249.15	1182.95	815.923
acc_dst(293)	1281.95	936.927	719.248	1595.54	1256.36	1186.95	817.337
acc_dst(294)	1285.11	938.927	721.484	1601.63	1261.36	1193.04	821.337
acc_dst(295)	1290.5	940.927	722.484	1605.75	1265.6	1197.04	825.337
acc_dst(296)	1294.1	941.927	723.898	1612.96	1270.6	1200.04	825.337
acc_dst(297)	1299.93	946.17	727.504	1616.57	1277.88	1206.04	826.337
acc_dst(298)	1304.06	946.17	728.504	1623.27	1282	1209.04	827.751
acc_dst(299)	1309.89	949.332	730.504	1627.4	1285.61	1214.13	832.751
acc_dst(300)	1313.49	950.746	730.504	1632.4	1290.71	1216.13	835.58
acc_dst(301)	1316.32	951.746		1637.78	1295.18	1221.13	
acc_dst(302)	1322.72	952.746		1642.02	1298.34	1227.13	
acc_dst(303)	1326.33	954.982		1648.43	1304.67	1228.13	
acc_dst(304)	1333.95	957.218		1652.55	1309.67	1229.55	
acc_dst(305)	1337.55	959.454		1658.38	1314.67	1229.55	
acc_dst(306)	1344.26	960.869		1661.54	1320.75	1230.96	
acc_dst(307)	1346.5	964.992		1667.63		1235.21	
acc_dst(308)	1352.9	968.154		1673.46		1237.21	
acc_dst(309)	1357.9	971.154		1679.54		1240.21	
acc_dst(310)	1360.13	973.39				1242.44	
acc_dst(311)	1365.13	977.862		1693.47		1246.91	
acc_dst(312)	1371.54	980.691		1698.57	1340.97	1249.91	
acc_dst(313)	1376.54	982.105		1705.64	1343.21	1255.91	
acc_dst(314)	1381.01	984.933	745.269	1708.8	1344.21	1261.91	854.996
acc_dst(315)	1384.17	987.933	747.269	1711.04	1347.82	1267.3	857.232
acc_dst(316)	1391.45	991.096	747.269	1713.87	1351.42	1272.4	860.838
acc_dst(317)	1396.45	995.096	751.269	1718.87	1355.66	1277.4	864.444
acc_dst(318)	1403.73	996.51	752.269	1722.03	1361.32	1282.5	868.049

acc_dst(319)	1407.73	1000.63	754.269	1724.03	1366.98	1287.6	870.285
acc_dst(320)	1414.94	1003.63	757.269	1726.03	1371.98	1292.69	873.891
acc_dst(321)	1421.03	1006.63	758.269	1730.15	1375.58	1294.11	876.127
acc_dst(322)	1426.41	1011.63		1733.15	1379.19	1295.11	
acc_dst(323)	1427.83	1014.63	762.392	1735.39	1384.19	1298.71	881.958
acc_dst(324)	1435.11	1016.87	765.22	1739.39	1387.79	1302.96	886.2
acc_dst(325)	1436.52	1020.03	767.22	1745.71	1392.27	1305.19	887.615
acc_dst(326)	1441.9	1022.27	768.634	1750.18	1395.43	1307.43	888.615
acc_dst(327)	1443.9	1025.87	771.797	1753.35	1400.43	1309.67	890.615
acc_dst(328)	1445.32	1028.11	773.211	1756.35	1404.9	1311.9	893.615
acc_dst(329)	1446.73	1032.35	774.211	1760.82	1409.14	1318.3	895.615
acc_dst(330)	1449.73	1035.51	776.447	1764.42	1416.42	1322.43	898.777
acc_dst(331)	1455.56	1039.12	778.683	1770.08	1419.25	1327.43	900.191
acc_dst(332)	1460.56	1041.36		1772.32	1425.96	1332.53	
acc_dst(333)	1462.8	1044.18	784.766	1777.7	1428.79	1338.36	907.807
acc_dst(334)	1465.96	1047.79	786.18	1780.7	1436.07	1345.64	910.043
acc_dst(335)	1468.79	1050.62	788.416	1786.7	1439.23	1348.8	911.457
acc_dst(336)	1473.26	1054.22	792.416	1792.09	1444.33	1354.19	915.063
acc_dst(337)	1476.26	1055.64	793.83	1797.92	1449.72	1359.19	917.891
acc_dst(338)	1480.26	1056.64		1805.13	1455.1	1366.47	
acc_dst(339)	1485.65	1057.64	798.929	1810.13	1459.57	1372.55	922.134
acc_dst(340)	1491.31	1059.05	801.758	1813.13	1464.96	1377.93	924.962
acc_dst(341)	1497.71	1061.05	803.994	1816.73	1472.03	1384.26	929.205
acc_dst(342)	1502.18	1062.47	804.994	1823.14	1474.03	1387.26	931.441
acc_dst(343)	1509.99	1063.88	807.23	1825.97	1475.44	1395.26	936.441
acc_dst(344)	1515.38	1066.88	811.23	1830.44	1478.44	1397.26	939.269
acc_dst(345)	1520.38	1069.88	814.23	1835.44	1480.68	1400.86	941.505
acc_dst(346)	1524.62	1074.35	817.392	1842.15	1487.39	1404.86	947.162
acc_dst(347)	1527.78	1077.96	819.628	1844.38	1492.77	1407.1	948.162
acc_dst(348)	1533.61	1082.96	822.791	1850.21	1498.6	1412.93	949.576
acc_dst(349)	1535.03	1086.56	825.953	1854.69	1504.26	1418.59	953.182
acc_dst(350)	1540.41	1089.39	828.953	1860.07	1510.09	1425.66	955.418
acc_dst(351)	1542.65	1093	829.953	1865.07	1514.33	1431.32	961.249
acc_dst(352)	1545.65	1095.83	831.953	1868.23	1518.58	1437.72	964.077
acc_dst(353)	1549.25	1103.04	832.953	1875.51	1522.18	1441.32	965.492
acc_dst(354)	1552.08	1106.2	836.558	1879.12	1527.18	1447.73	970.492
acc_dst(355)	1555.24	1110.2	839.721	1886.4	1531.42	1453.56	971.906
acc_dst(356)	1559.24	1115.58	843.326	1890.64	1537.26	1457.16	972.906
acc_dst(357)	1564.63	1120.68	846.326	1895.74	1540.42	1459.99	973.906
acc_dst(358)	1570.01	1123.85	849.489	1902.14	1543.58	1461.41	975.906
acc_dst(359)	1572.25	1127.85	852.651	1904.38	1544.99	1464.41	976.906
dst_to_origin(0)	1629.02	1562.21	1723.04	1245.97	1611.07	1278.56	1475.89
dst_to_origin(1)	1629.8	1564.08	1725.27	1238.93	1613.93	1279.92	1474.97
dst_to_origin(2)	1629.41	1564.73	1729.72	1232.15	1619.05	1279.92	1474.97
dst_to_origin(3)	1629.21	1565.84	1730.57	1230.4	1621.45	1279.54	1474.05
dst_to_origin(4)	1626.41	1567.92	1733.85	1225.41	1624.77	1279.54	1474.97
dst_to_origin(5)	1626.41	1569.06	1734.7	1220.11	1627.2	1278.18	1474.97
dst_to_origin(6)	1627.81	1570.81	1738.96	1217.31	1631.36	1279.05	1474.97
dst_to_origin(7)	1630.81	1572.75	1740.33	1213.96	1632.78	1277.69	1474.97
dst_to_origin(8)	1638.2	1574.52	1743.41	1210.65	1638.16	1279.43	1474.97

dst_to_origin(9)	1644.8	1577.27	1745.64	1207.11	1640.91	1279.92	1476.81
dst_to_origin(10)	1651.6	1580.64	1747.01	1204.39	1644.97	1279.43	1476.42
dst_to_origin(11)	1656.8	1583.03	1752.84	1200.07	1648.01	1275.22	1476.42
dst_to_origin(12)	1662	1585.01	1754.22	1194.1	1652.99	1276.59	1477.34
dst_to_origin(13)	1665.01	1587.6	1753.7	1190.91	1656.24	1276.59	1477.34
dst_to_origin(14)	1663.61	1591.6	1751.6	1188.92	1661.22	1274.73	1476.42
dst_to_origin(15)	1661.61	1595.81	1748.33	1186.96	1667.64	1274.24	1476.42
dst_to_origin(16)	1659.02	1598.81	1746.1	1186.6	1670.27	1274.91	1476.42
dst_to_origin(17)	1656.64	1602.83	1741.98	1187.81	1668.95	1275.88	1476.42
dst_to_origin(18)	1652.27	1605.03	1738.7	1188.35	1667.24	1274.14	1476.81
dst_to_origin(19)	1651.47	1608.84	1735.62	1188.78	1666.04	1274.63	1476.81
dst_to_origin(20)	1652.65	1611.04	1733.92	1188.25	1666.68	1275.5	1476.67
dst_to_origin(21)	1653.42	1614.05	1732.21	1189.16	1666.54	1275.5	1476.15
dst_to_origin(22)	1653.4	1619.26	1731.03	1190.21	1666.42	1272.39	1475.75
dst_to_origin(23)	1656.8	1621.47	1730.18	1192.18	1665.01	1272.88	1475.23
dst_to_origin(24)	1661.21	1627.27	1728.47	1189.87	1663.08	1272.39	1473.39
dst_to_origin(25)	1665.64	1630.87	1726.77	1188.77	1660.4	1272.88	1471.55
dst_to_origin(26)	1665.64	1630.87	1726.77	1188.77	1660.4	1272.88	1471.55
dst_to_origin(27)	1671.66	1635.07	1722.32	1185.89	1656.27	1271.8	1468.4
dst_to_origin(28)	1676.47	1637.87	1721.46	1183.51	1651.98	1268.99	1464.85
dst_to_origin(29)	1679.88	1640.66	1717.01	1180.72	1647.69	1267.14	1463.15
dst_to_origin(30)	1679.27	1645.24	1714.26	1178.44	1643.41	1266.27	1461.44
dst_to_origin(31)	1677.64	1649.23	1713.41	1177.07	1637.1	1265.88	1461.97
dst_to_origin(32)	1675.42	1651.01	1708.43	1177.1	1631.16	1266.75	1460.13
dst_to_origin(33)			1706.2	1175.38	1627.08	1267.14	1460.52
dst_to_origin(34)			1706.53	1175.48	1622.8	1266.09	1461.31
dst_to_origin(35)			1701.02	1175.63	1622.8	1268.72	1463.67
dst_to_origin(36)			1699.65	1176.72	1622.42	1269.2	1462.75
dst_to_origin(37)			1698.27	1175.61	1620.39	1267.36	1463.54
dst_to_origin(38)			1692.77	1177.2	1620.42	1263.69	1467.61
dst_to_origin(39)			1690.87	1178.31	1620.47	1260.98	1468.14
dst_to_origin(40)	1663	1655.8	1689.5	1180.35	1620.15	1259.22	1467.75
dst_to_origin(41)	1668.6	1654.48	1687.41	1180.32	1618.93	1259.7	1466.96
dst_to_origin(42)	1675.8	1655.37	1684.67	1182.17	1614.56	1259.22	1465.65
dst_to_origin(43)	1681.8	1654.7	1685.52	1182.39	1614.28	1260.03	1465.26
dst_to_origin(44)	1686.61	1654.37	1688.27	1182.14	1610.47	1259.15	1464.48
dst_to_origin(45)	1690.03	1653.89	1687.23	1183.44	1611.14	1258.27	1466.18
dst_to_origin(46)	1694.26	1652.94	1687.23	1184.58	1615.08	1256.91	1468.8
dst_to_origin(47)	1697.11	1651.07	1687.6	1185.57	1619.15	1255.96	1470.64
dst_to_origin(48)	1699.96	1649.36	1688.12	1189.03	1620.59	1253.66	1473.41
dst_to_origin(49)	1705.49	1644.54	1687.6	1189.14	1617.96	1251.36	1477.87
dst_to_origin(50)	1707.34	1641.43	1687.27	1191.25	1614.94	1250	1481.02
dst_to_origin(51)	1706.98	1638.96	1685.57	1191.6	1611.53	1246.82	1483.64
dst_to_origin(52)	1704.32	1634.46	1686.42	1193.59	1609.43	1246.35	1486.27
dst_to_origin(53)	1700.49	1632.14	1685.9	1196.86	1606.03	1244.12	1487.58
dst_to_origin(54)	1695.04	1629.82	1689.83	1199.22	1603.4	1240.47	1488.5
dst_to_origin(55)	1690.77	1628.27	1689.83	1198.77	1600.16	1238.65	1491.79
dst_to_origin(56)	1687.11	1625.96	1690.16	1197.99	1598.08	1234.55	1493.63
dst_to_origin(57)	1684.05	1623.65	1689.46	1195.72	1596.16	1232.74	1491.93
dst_to_origin(58)	1682.62	1623.65	1686.87	1192.17	1594.09	1228.19	1489.85

dst_to_origin(59)	1681.2	1623.01	1683.77	1187.52	1591.82	1227.73	1490.34
dst_to_origin(60)	1683.8	1622.24	1683.6	1184.92	1593.47	1226.33	1488.36
dst_to_origin(61)	1685.42	1623.01	1680.7	1181.03	1591.24	1223.64	1487.31
dst_to_origin(62)	1686.05	1624.55	1679.16	1178.63	1592.91	1223.64	1484.95
dst_to_origin(63)	1685.07	1624.55	1680.02	1178.47	1596.45	1223.2	1481.8
dst_to_origin(64)	1686.52	1623.78	1680.22	1178.31	1598.3	1226.33	1478.64
dst_to_origin(65)	1690.55	1625.96	1680.06	1180.75	1594.22	1225.42	1475.1
dst_to_origin(66)	1691.41	1625.19	1679.35	1184.49	1591.06	1225.42	1470.63
dst_to_origin(67)	1692.11	1623.78	1677.99	1187.51	1587.53	1223.62	1466.17
dst_to_origin(68)	1692.66	1623.14	1676.97	1192.19	1584.92	1221.35	1461.7
dst_to_origin(69)	1694.81	1621.24	1675.96	1197.22	1583.07	1219.57	1458.16
dst_to_origin(70)	1699.17	1617.15	1674.44	1202.6	1586.05	1218.68	1452.38
dst_to_origin(71)	1700.42	1616.66	1674.8	1207.4	1587.57	1215.56	1448.84
dst_to_origin(72)	1701.04	1613.64	1677.03	1215.01	1592.03	1210.22	1447.52
dst_to_origin(73)	1698.23	1613.3	1675.45	1217.59	1596.11	1207.55	1449.75
dst_to_origin(74)	1696.98	1613.12	1674.08	1222.76	1601.49	1208.42	1452.51
dst_to_origin(75)	1701.22	1612.81	1674.44	1225.12	1606.5	1212.44	1452.65
dst_to_origin(76)	1701.38	1614.53	1672.92	1227.5	1611.88	1213.35	1455.02
dst_to_origin(77)	1701.05	1615.79	1670.55	1230.25	1618.19	1213.35	1457.79
dst_to_origin(78)	1705.27	1617.36	1667.31	1230.79	1623.03	1212.44	1462.01
dst_to_origin(79)	1709.65	1620.49	1664.44	1230.42	1627.49	1208.84	1465.31
dst_to_origin(80)	1706.05	1622.68	1662.08	1230.06	1632.33	1207.95	1469
dst_to_origin(81)	1699.49	1626.44	1659.71	1229.17	1637.17	1206.6	1472.69
dst_to_origin(82)	1696.68	1629.42	1656.12	1228.46	1641.63	1201.23	1472.69
dst_to_origin(83)	1693.87	1635.21	1654.13	1227.62	1647.94	1199.43	1471.23
dst_to_origin(84)	1688.09	1638.18	1652.76	1225.49	1652.02	1195.85	1468.62
dst_to_origin(85)	1683.09	1641.78	1648.55	1222.99	1656.1	1188.7	1465.31
dst_to_origin(86)	1681.69	1645.2	1647.56	1219.71	1656.48	1185.12	1464.62
dst_to_origin(87)	1675.12	1648.8	1642.98	1217.35	1658.71	1181.09	1463.95
dst_to_origin(88)			1642.38	1214.88	1664.47	1176.17	1465.51
dst_to_origin(89)			1640.52	1213.45	1665.4	1174.38	1468.53
dst_to_origin(90)			1639.05	1210.5	1664.31	1169.91	1471.55
dst_to_origin(91)			1637.69	1205.33	1661.7	1163.65	1474.97
dst_to_origin(92)			1638.57	1202.51	1659.31	1162.31	1477.48
dst_to_origin(93)			1641.78	1194.4	1654.15	1162.76	1480.4
dst_to_origin(94)			1641.67	1192.01	1649.54	1162.31	1484.24
dst_to_origin(95)			1640.21	1187.89	1645.85	1164.11	1486.07
dst_to_origin(96)	1636.44	1677.39	1639.14	1184.26	1639.54	1164.99	1487.5
dst_to_origin(97)	1631.16	1680.54	1638.18		1634.01		1491.16
dst_to_origin(98)	1628.7	1684.48	1638.88		1628.63		1491.56
dst_to_origin(99)	1624.84	1688.25	1638.79	1180.28	1621.79	1164.11	1490.24
dst_to_origin(100)	1620.98	1693.6	1640.47	1176.3	1617.33	1163.69	1486.29
dst_to_origin(101)	1616.34	1695.8	1640.39	1173.64	1612.86	1161.06	1482.34
dst_to_origin(102)	1614.28	1699.57	1641.2	1168	1609.32	1160.66	1478.28
dst_to_origin(103)	1612.64	1701.95	1642.01	1166.44	1605.39	1158.97	1474.61
dst_to_origin(104)	1610.42	1702.74	1640.66		1599.23		1470.44
dst_to_origin(105)	1608.8	1704.32	1642.55	1167.36	1594	1157.26	1467.58
dst_to_origin(106)	1606	1704.14	1644.39	1168.39	1590.85	1158.17	1465.65
dst_to_origin(107)	1604.62	1704.57	1645.27	1171.66	1589.54		1462.82
dst_to_origin(108)	1603.04	1703.96	1646.62	1175.73	1591.92	1146.57	1464.64

dst_to_origin(109)	1601.68	1701.77	1647.02	1182.55	1591.16	1152.74	1464.74
dst_to_origin(110)	1599.91	1699.75	1649.26	1187.01	1590.85	1155.08	1463.01
dst_to_origin(111)	1599.54	1698.72	1649.26	1193.71	1589.24	1159.68	1461.69
dst_to_origin(112)	1597.4	1696.1	1653.66	1198.97	1588.17	1157.38	1459.97
dst_to_origin(113)	1595.64	1692.68	1654.54	1204.63	1586.58	1156.53	1463.52
dst_to_origin(114)	1593.3	1689.27	1655.01	1209.39	1583.16	1158.42	1466.67
dst_to_origin(115)	1590.85	1684.46	1650.95	1214.66	1580.67	1157.66	1469.41
dst_to_origin(116)	1589.11	1680.26	1649.12	1220.75	1582.64	1159.33	1473.07
dst_to_origin(117)	1587.61	1675.86	1649.53	1223.3	1586.18	1158.21	1474.5
dst_to_origin(118)	1587.18	1672.26	1650.41	1226.68	1583.95	1160.37	1474.1
dst_to_origin(119)	1586.77	1670.07	1652.18	1228.34	1581.46	1159.18	1472.16
dst_to_origin(120)	1584.74	1664.88	1655.24	1232.73	1579.5	1159.57	1473.88
dst_to_origin(121)	1586.02	1660.68	1656.59	1236.09	1578.47	1158.4	1469.31
dst_to_origin(122)	1584.59	1657.26		1239.12	1576.92	1158.69	1463.52
dst_to_origin(123)	1583.17	1652.45	1657.59	1241.69	1575.93	1159.62	1463.93
dst_to_origin(124)	1583.13	1646.05	1653.94	1241.15	1574.02	1144.77	1466.16
dst_to_origin(125)	1583.12	1643.44	1654.35	1242.43	1572.13	1144.38	1462.61
dst_to_origin(126)	1582.56	1637.23	1652.53	1244.18	1570.8	1151.62	1459.86
dst_to_origin(127)	1583.12	1633.22	1651.59	1245.5	1571.73	1154.93	1455.4
dst_to_origin(128)	1582.01	1631.21	1650.19	1249.07	1569.88	1152.7	1454.08
dst_to_origin(129)	1585.34	1627.01	1649.77	1251.32	1567.69	1153.62	1455.91
dst_to_origin(130)	1590.34	1621.8	1650.3	1254.96	1567.38	1155.47	1458.54
dst_to_origin(131)	1594.79	1618.2	1652.12	1257.69	1568.88	1155.85	1459.97
dst_to_origin(132)	1598.98	1615.4	1650.3	1260.03	1568.96	1159.55	1462.2
dst_to_origin(133)	1601.79	1611.2	1652.06	1262.78	1569.18	1161.23	1463.52
dst_to_origin(134)	1602.4	1608.4	1654.3	1265.12	1565.09	1163.08	1463.52
dst_to_origin(135)	1605.24	1604.2	1657.42	1269.3	1560.06	1163.25	1464.84
dst_to_origin(136)	1607.26	1599.4	1659.18	1270.72	1557.26	1165.44	1466.57
dst_to_origin(137)	1608.97	1596.8	1661.83	1274.87	1557.48	1167.84	1468.7
dst_to_origin(138)	1609.87	1594.8	1664.95	1279.02	1560.06	1173.22	1470.43
dst_to_origin(139)	1612.17	1590.21	1666.72	1284.14	1562.64	1179	1474.4
dst_to_origin(140)	1614.81	1587.62	1669.84	1288.8	1561.13	1183.29	1477.04
dst_to_origin(141)	1617.12	1583.04	1672.08	1293.47	1555.75	1189.81	1481.01
dst_to_origin(142)	1618.05	1581.05	1674.31	1298.65	1549.93	1193.18	1484.06
dst_to_origin(143)	1621.32	1580.07	1676.97	1300.63	1549	1199.35	1486.71
dst_to_origin(144)	1622.48	1575.88	1680.13	1304.98	1550.86	1202.87	1490.68
dst_to_origin(145)	1626.22	1574.1	1682.37	1308.48	1551.08	1210.12	1492.01
dst_to_origin(146)	1628.57	1572.33	1685.49	1311.36	1555.17	1212.21	1492.42
dst_to_origin(147)	1629.75	1570.57	1688.24	1314.25	1558.55	1215.37	1492.42
dst_to_origin(148)	1632.27	1568.58	1689.13	1318	1563.22	1222.62	1490.68
dst_to_origin(149)	1633.46	1564.61	1688.19	1318.16	1567.67	1225.78	1492.09
dst_to_origin(150)	1634.26	1563.08	1685.91	1314.56	1571.54	1232.68	1492.18
dst_to_origin(151)	1635.28	1565.29	1687.68	1309.75	1576.35	1235.14	1490.77
dst_to_origin(152)	1638.08	1564.7	1686.37	1305.64	1580.94	1241.46	1491.59
dst_to_origin(153)	1637.49	1563.89	1683.77	1303.25	1585.55	1246.14	1492.01
dst_to_origin(154)	1633.29	1561.33	1683.83	1299.85	1589.79	1254.1	1488.86
dst_to_origin(155)	1629.91	1559.58	1680.76	1300.06	1594.41	1258.43	1486.21
dst_to_origin(156)	1622.92	1558.77	1678.53	1298.91	1597.37	1264.05	1481.33
dst_to_origin(157)	1619.16	1558.42	1676.77	1299.64	1601.26	1268.74	1480.42
dst_to_origin(158)	1616	1558.18	1675.88	1300.75	1604.23	1273.68	1477.69

dst_to_origin(159)	1612.49	1558.18	1676.35	1304.72	1608.12	1277.69	1477.61
dst_to_origin(160)	1610.96	1558.18	1675.06	1309.19	1609.42	1284.54	1475.79
dst_to_origin(161)	1608.87	1557.95	1672.9	1314.52	1612.21	1287.3	1477.61
dst_to_origin(162)	1607.6	1557.72	1671.61	1319.48	1612.58	1288.79	1479.51
dst_to_origin(163)	1604.96	1560.16	1669.45	1322.34	1613.33	1291.51	1480.51
dst_to_origin(164)	1604.63	1562.6	1667.69	1327.06	1615.76	1297.18	1478.86
dst_to_origin(165)	1603.73	1561.79	1665.05	1329.57	1620.42	1309.82	1476.32
dst_to_origin(166)	1603.09	1560.39	1662.42	1332.25	1624.34	1325.95	1473.67
dst_to_origin(167)	1601.63	1559.35	1661.06	1333.42	1626.78		1470.12
dst_to_origin(168)	1600.75	1558.77	1658.42	1335.29	1627.16	1342.41	1466.47
dst_to_origin(169)	1599.88	1557.6	1655.31	1337.01	1631.31	1346.82	1465.05
dst_to_origin(170)	1597.62	1559.46	1653.08	1338.75	1633	1344.92	1464.46
dst_to_origin(171)	1595.94	1559.59	1651.32	1338.81	1638.09	1343.65	1463.46
dst_to_origin(172)	1593.13	1559.83	1648.69	1339.21	1638.86	1340.2	1464.2
dst_to_origin(173)	1591.71	1561.13	1646.94	1339.63	1643.18	1338.04	1465.87
dst_to_origin(174)	1590.6	1563.01	1646.94	1339.43	1644.88	1335.92	1468.45
dst_to_origin(175)	1587	1566.29	1645.1	1341.27	1648.68	1333.83	1470.62
dst_to_origin(176)	1583.69	1567.36	1646.37	1339.76	1649.47	1331.4	1472.79
dst_to_origin(177)	1583.16	1571.21	1645.89	1341.09	1653.81	1328.41	1475.39
dst_to_origin(178)	1581.81	1573.68	1643.66	1343.53	1656.31	1326.98	1477.14
dst_to_origin(179)	1580.17	1577.53	1640.95	1345.71	1657.11	1324.32	1477.14
dst_to_origin(180)	1581.01	1580	1641.43	1348.75	1661.85	1321.41	1477.2
dst_to_origin(181)	1584.32	1583.86	1643.26	1351.54	1663.57	1321.27	1478.17
dst_to_origin(182)	1588.47	1585.51	1642.38	1352.39	1668.84	1317.99	1480.04
dst_to_origin(183)	1593.72	1588.8	1640.63	1354.37	1670.96	1315.52	1481.44
dst_to_origin(184)	1595.08	1592.41	1637.52	1355.55	1672.69	1313.49	1480.53
dst_to_origin(185)	1596.44	1593.23	1635.76	1356.49	1677.96	1308.75	1480.95
dst_to_origin(186)			1631.38	1358.53	1678.37	1305.25	1482.7
dst_to_origin(187)			1627.79	1362.8	1681.41	1301.33	1482.28
dst_to_origin(188)			1624.29	1365.45	1685.38	1298.37	1478.72
dst_to_origin(189)	1584.8	1610.62	1622.05	1368.93	1685.88	1297.87	1479.21
dst_to_origin(190)	1580.66	1613.93	1618.07	1373.02	1685.88	1295.22	1477.04
dst_to_origin(191)	1576.49	1618.1	1616.32	1375.73	1682.23	1289.47	1472.65
dst_to_origin(192)	1570.94	1619.76	1612.24	1377.45	1677.86	1288.76	1467.76
dst_to_origin(193)	1566.21	1621.97	1610.01	1377.21	1673.39	1290.89	1463.29
dst_to_origin(194)	1563.98	1625.58	1609.62	1376.8	1669.74	1293.34	1457.5
dst_to_origin(195)	1560.37	1628.63	1611.07	1375.01	1667.91	1295.98	1452.95
dst_to_origin(196)	1558.43	1632.23	1612.92	1375.83	1664.26	1291.15	1447.08
dst_to_origin(197)	1553.44	1634.72	1611.66	1378.68	1659.7	1291.92	1442.05
dst_to_origin(198)	1549.57	1637.77	1611.27	1379.97	1654.23	1289.99	1441.14
dst_to_origin(199)	1545.43	1639.98	1611.38	1383.48	1648.35	1294.3	1444.7
dst_to_origin(200)	1543.24	1645.25	1611.17	1386.23	1642.47	1295.27	1446.45
dst_to_origin(201)	1538.29	1648.3	1611.85	1390.58	1636.18	1296.24	1446.45
dst_to_origin(202)	1535.03	1652.73	1610.4	1393.39	1633.03	1294.76	1445.61
dst_to_origin(203)	1531.73	1656.34	1609.92	1398.41	1627.65	1294	1444.35
dst_to_origin(204)	1526.8	1660.22	1610.7	1401.29	1626.74	1288.66	1441.63
dst_to_origin(205)	1525.49	1663.55	1609.83	1403.05	1622.27	1286.01	1445.68
dst_to_origin(206)	1522.5	1664.38	1607.99	1407.64	1615.65	1284.58	1447.5
dst_to_origin(207)	1520.06	1662.44	1605.67	1412.89	1613.01	1281.94	1450.72
dst_to_origin(208)	1519.52	1661.33	1603.84	1417.38	1609.36	1278.98	1454.35

dst_to_origin(209)	1520.59	1661.6	1602.8	1422.43	1606.31		1457.5
dst_to_origin(210)	1523.88	1662.16	1601.85	1424.91	1602.84	1282.08	1461.06
dst_to_origin(211)	1528.25	1661.33	1601.78	1428.06	1600.6	1282.71	1465.53
dst_to_origin(212)	1529.8	1662.16	1600.36	1429.16	1597.65	1283.93	1468.67
dst_to_origin(213)	1528.91	1659.94	1601.59	1429.33	1596.83	1281.94	1472.73
dst_to_origin(214)	1525.25	1660.5	1601.06	1429.81	1596.02	1285.25	1475.87
dst_to_origin(215)	1521.06	1661.6	1601.89	1429.46	1593.49	1284.53	1480.84
dst_to_origin(216)	1516.88	1660.77	1601.38	1431.54	1593.2	1289.62	1482.66
dst_to_origin(217)	1512.7	1662.16	1601.33	1429.46	1590.16	1291.56	1485.39
dst_to_origin(218)	1508.52	1662.99	1602.17	1423.41	1588.17	1296.4	1486.71
dst_to_origin(219)	1505.47	1660.22	1602.14	1420.86	1586.45	1302.71	1487.62
dst_to_origin(220)	1499.36	1658.83	1603.88	1419.18	1584.08	1308.05	1490.36
dst_to_origin(221)	1496.31	1657.72	1603.85	1419.6	1582.37	1314.61	1491.68
dst_to_origin(222)	1491.04	1655.79	1604.71	1421.98	1584.61	1317.52	1491.68
dst_to_origin(223)	1487.43	1654.13	1605.14	1425.13	1587.37	1319.96	1489.94
dst_to_origin(224)	1484.1	1652.19	1605.57	1428.06	1590.26	1323.11	1488.21
dst_to_origin(225)	1476.89	1650.54	1608.24	1431.76	1594.62	1328.46	1489.22
dst_to_origin(226)	1472.73	1648.9	1610.02	1435.46	1599.47	1337.92	1486.89
dst_to_origin(227)	1466.9	1647.25	1610.46	1440.45	1604.86	1342.76	1486.3
dst_to_origin(228)	1461.91	1644.23	1611.34	1443.8	1611.41	1351.51	1486.63
dst_to_origin(229)	1456.64	1643.14	1614.01	1447.91	1613.5	1358.03	1485.64
dst_to_origin(230)	1451.38	1640.37	1614.46	1453.33	1618.22	1363.58	1484.66
dst_to_origin(231)	1446.94	1638.2	1612.22	1457.99	1621.51	1367.5	1483.61
dst_to_origin(232)	1440.84	1636.57	1611.77	1462.77	1622.98	1368.46	1480.82
dst_to_origin(233)	1436.95	1633.57	1613.11	1465.38	1625.38	1367.8	1478.95
dst_to_origin(234)	1432.24	1630.57	1611.33	1471.02	1626.48	1368.26	1476.66
dst_to_origin(235)	1428.92	1627.58	1611.79	1477.78	1629.84	1369.39	1474.38
dst_to_origin(236)	1424.21	1625.97	1612.24	1481.17	1629.65	1368.68	1469.81
dst_to_origin(237)	1420.34	1622.45	1614.48	1485.78	1630.8	1369.86	1467.54
dst_to_origin(238)	1418.96	1621.38	1616.26	1487.02	1627.42	1368.18	1463.46
dst_to_origin(239)	1412.03	1620.32	1616.7	1491	1624.2	1362.84	1458.96
dst_to_origin(240)	1409.26	1617.88	1618.49	1492.33	1620.15	1358.96	1455.82
dst_to_origin(241)	1402.34	1616.81	1620.71	1494.57	1616.1	1356.06	1450.88
dst_to_origin(242)	1398.19	1614.7	1621.16	1496.15	1611.56	1350.25	1445.95
dst_to_origin(243)	1392.11	1613.12	1619.83	1501.8	1607.03	1345.41	1441.94
dst_to_origin(244)	1388.8	1611.54	1614	1509.6	1598.57	1340.32	1440.14
dst_to_origin(245)	1385.19	1610.81	1610.43	1515.34	1593.62	1334.72	1437
dst_to_origin(246)	1379.37	1609.24	1609.53	1523.23	1588.79	1328.41	1433.41
dst_to_origin(247)	1376.85	1608.01	1610.42	1530.56	1588.72	1322.36	1430.73
dst_to_origin(248)	1373.79	1606.45	1608.63	1537.89	1591.44	1315.33	1427.6
dst_to_origin(249)	1368.51	1605.75	1609.97	1544.38	1594.24	1311.46	1426.7
dst_to_origin(250)	1365.45	1603.17	1612.65	1551.63	1594.8	1304.18	1428.03
dst_to_origin(251)	1361.56	1603	1612.21	1556.72	1592.84	1300.06	1429.79
dst_to_origin(252)	1355.16	1601.8	1612.65	1563.87	1588.72	1293.28	1431.11
dst_to_origin(253)	1352.1	1600.97	1609.98	1570.48	1587.75	1290.13	1432.88
dst_to_origin(254)	1349.88	1600.82	1608.2	1572.64	1587.21	1286.51	1434.66
dst_to_origin(255)	1345.16	1600.51	1606.85	1575.68	1583.06	1282.65	1437.79
dst_to_origin(256)	1341.55	1600.37	1606.41	1582.51	1578.93	1278.59	1439.14
dst_to_origin(257)	1340.44	1600.95	1605.08	1585.44	1577.52	1275.51	1441.85
dst_to_origin(258)	1334.33	1601.18	1603.3	1591.31	1576.56	1269.98	1444.56

dst_to_origin(259)	1330.73	1601.41	1603.75	1598.71	1574.71	1265.53	1445.02
dst_to_origin(260)	1326.57	1603.4	1603.3	1600.88	1572.44	1262.76	1448.65
dst_to_origin(261)	1319.36	1603.16	1602.41	1598.06	1570.17	1259.05	1450.46
dst_to_origin(262)	1317.69	1604.68	1600.17	1598.36	1570.17	1256.32	1453.19
dst_to_origin(263)	1310.77	1604.47	1597.95	1599.43	1572.4	1252.37	1455.46
dst_to_origin(264)	1307.16	1605.54	1596.61	1601.17	1572.85	1249.01	1457.74
dst_to_origin(265)	1306.06	1605.84	1594.83	1601.61	1568.83	1245.67	1460.02
dst_to_origin(266)	1300.24	1604.31	1593.05	1601.92	1565.25	1243.4	1461.84
dst_to_origin(267)	1299.14	1606.47	1592.16	1601.27	1560.79	1240.41	1465.06
dst_to_origin(268)	1293.88	1608.63	1587.69	1601.6	1555.43	1237.2	1465.53
dst_to_origin(269)	1291.13	1606.72	1586.8	1602.05	1550.08	1236.52	1468.71
dst_to_origin(270)	1286.44	1608.01	1585.02	1603.94	1544.28	1234.25	1470.06
dst_to_origin(271)	1284.79	1608.42	1581.43	1605.84	1538.49	1231.72	1471.88
dst_to_origin(272)	1280.92	1607.82	1580.09	1607.76	1537.18	1231.71	1476.01
dst_to_origin(273)	1277.88	1609.53	1579.2	1611.25	1535.41	1229.5	1477.36
dst_to_origin(274)	1274.84	1609.07	1576.07	1614.48	1540.29	1229.84	1482.38
dst_to_origin(275)	1269.03	1609.02	1573.84	1619.9	1545.66	1230.49	1483.73
dst_to_origin(276)	1266.81	1608.08	1573.84	1623.78	1551.03	1228.63	1483.73
dst_to_origin(277)	1261.56	1608.92	1572.06	1631.88	1557.74	1226.41	1483.66
dst_to_origin(278)	1254.35	1610.65	1568.48	1633.92	1563.11	1222.92	1483.12
dst_to_origin(279)	1250.49	1611.04	1567.13	1640.62	1569.82	1227.97	1483.94
dst_to_origin(280)	1246.06	1612.36	1566.24	1644.21	1574.29	1229.84	1484.3
dst_to_origin(281)	1241.39	1612.82	1563.11	1649.98	1582.31	1230.77	1483.36
dst_to_origin(282)	1239.17	1613.25	1561.34	1652.8	1586.77	1231.39	1484.71
dst_to_origin(283)	1232.86	1613.22	1560.45	1659.2	1591.66	1231.39	1484.35
dst_to_origin(284)	1230.41		1558.21	1662.64		1232.97	1486.59
dst_to_origin(285)	1224.68		1555.97	1668.42		1235.19	1487.47
dst_to_origin(286)	1219.45		1554.63	1669.82		1236.13	1487.94
dst_to_origin(287)	1217		1551.5	1670.6		1233.29	1489.71
dst_to_origin(288)	1213.16	1613.63	1549.24	1667.49	1594.77	1231.72	1490.12
dst_to_origin(289)	1211.53	1613.59	1547.89	1666.41	1592.98	1230.78	1493.65
dst_to_origin(290)	1206.07	1612.68	1545.2	1665.21	1587.16	1228.29	1495.89
dst_to_origin(291)	1203.64	1612.68	1543.4	1661.97	1581.79	1227.71	1496.77
dst_to_origin(292)	1202.6	1612.68	1541.16	1659.51	1575.53	1228.42	1501.66
dst_to_origin(293)	1198.11	1613.12	1539.36	1655.39	1568.38	1227.22	1503.01
dst_to_origin(294)	1196.28	1612.22	1537.13	1650.14	1563.91	1226.41	1506.55
dst_to_origin(295)	1193.43	1610.43	1536.67	1646.43	1559.89	1225.25	1510.09
dst_to_origin(296)	1192.21	1609.54	1538.02	1639.26	1555.42	1224.39	1510.09
dst_to_origin(297)	1190	1613.57	1541.6	1635.67	1550.53	1222.68	1510.98
dst_to_origin(298)	1187.4	1613.57	1541.15	1629.53	1547.88	1221.84	1512.33
dst_to_origin(299)	1185.23	1614.04	1540.24	1626.2	1544.3	1219.49	1516.75
dst_to_origin(300)	1184.06	1615.39	1540.24	1623.01	1543.02	1218.94	1519.45
dst_to_origin(301)	1183.69	1614.93		1621.37	1539.48	1217.57	
dst_to_origin(302)	1183.59	1615.82		1621.79	1542.61	1215.96	
dst_to_origin(303)	1182.46	1617.15		1621.74	1547.03	1215.69	
dst_to_origin(304)	1184.43	1619.39		1624.22	1549.21	1216.92	
dst_to_origin(305)	1183.33	1620.72		1626.24	1551.42	1216.92	
dst_to_origin(306)	1184.74	1622.07		1627.96	1553.18	1218.15	
dst_to_origin(307)	1183.82	1626.09		1632.03		1216.07	
dst_to_origin(308)	1183.87	1628.31		1634.08		1214.14	

dst_to_origin(309)	1182.69	1630.99		1638.18		1211.26	
dst_to_origin(310)	1181.79	1633.23				1212.76	
dst_to_origin(311)	1180.63	1637.7		1634.15		1215.78	
dst_to_origin(312)	1180.78	1640.39		1638	1564.85	1216.61	
dst_to_origin(313)	1181.08	1641.73		1645.01	1566.18	1218.28	
dst_to_origin(314)	1182.16	1644.42	1531.87	1648	1567.07	1219.98	1500.78
dst_to_origin(315)	1183.36	1645.77	1530.09	1648.97	1568.84	1219.51	1499.48
dst_to_origin(316)	1186.44	1648.02	1530.09	1649.33	1570.62	1221.93	1497.77
dst_to_origin(317)	1189.73	1649.84	1526.55	1654.33	1571.96	1223.41	1496.06
dst_to_origin(318)	1195.86	1651.18	1525.66	1656.95	1573.75	1225.86	1494.36
dst_to_origin(319)	1198.51	1653.9	1523.89	1658.17	1575.57	1228.32	1493.08
dst_to_origin(320)	1205.49	1655.27	1521.23	1659.76	1576.51	1230.81	1491.39
dst_to_origin(321)	1210.23	1656.65	1520.34	1662.99	1576.99	1232.06	1490.11
dst_to_origin(322)	1215.06	1655.83		1664.83	1577.49	1232.37	
dst_to_origin(323)	1214.99	1657.22	1517.26	1665.27	1578.46	1235.85	1489.87
dst_to_origin(324)	1211.15	1657.27	1514.56	1667.73	1578.97	1233.93	1488.69
dst_to_origin(325)	1209.74	1657.78	1512.79	1669.86	1579.07	1231.72	1488.3
dst_to_origin(326)	1207.86	1657.83	1512.37	1667.96	1578.7	1230.14	1488.79
dst_to_origin(327)	1206.52	1657.47	1509.25	1666.23	1579.72	1228.55	1487.82
dst_to_origin(328)	1207.93	1657.53	1507.9	1663.88	1579.85	1228.23	1486.37
dst_to_origin(329)	1209.34	1656.3	1507.02	1659.51	1581.32	1226.02	1485.41
dst_to_origin(330)	1211.35	1656.84	1505.71	1655.91	1580.23	1222.55	1483.09
dst_to_origin(331)	1209.67	1655.16	1503.48	1650.29	1581.23	1219.73	1481.73
dst_to_origin(332)	1210.17	1655.23		1648.26	1581.51	1215.33	
dst_to_origin(333)	1210.79	1654.43	1497.71	1643.59	1582.52	1211.58	1487.73
dst_to_origin(334)	1208.02	1654.12	1496.36	1641.73	1581.52	1205.64	1489.57
dst_to_origin(335)	1205.19	1653.33	1495.06	1638.01	1581.23	1203.15	1490.93
dst_to_origin(336)	1201.01	1651.67	1491.53	1636.51	1580.15	1199.11	1494.52
dst_to_origin(337)	1198.98	1651.28	1490.18	1635.8	1580.01	1194.4	1497.24
dst_to_origin(338)	1196.28	1651.77		1635.31	1579.89	1188.5	
dst_to_origin(339)	1191.44	1652.64	1485.29	1632.27	1580.17	1183.2	1501.32
dst_to_origin(340)	1185.79	1654	1482.59	1634.65	1580.08	1179.2	1504.04
dst_to_origin(341)	1179.4	1654.97	1480.35	1635.83	1578.32	1174.27	1508.12
dst_to_origin(342)	1175.09	1655.36	1479.47	1637.4	1577.56	1171.46	1509.96
dst_to_origin(343)	1167.29	1655.75	1477.24	1637.8	1577.01	1163.98	1514.92
dst_to_origin(344)	1162.25	1658.38	1473.71	1639.8	1574.24	1162.11	1517.64
dst_to_origin(345)	1157.27	1661	1472.29	1639.82	1574.4	1161.3	1519.87
dst_to_origin(346)	1153.03	1663.54	1469.18	1642.86	1569.35	1157.57	1525.32
dst_to_origin(347)	1150.14	1665.21	1467.35	1643.88	1565.61	1157.79	1526.19
dst_to_origin(348)	1144.43	1667.29	1464.24	1646.15	1560.96	1153.21	1527.55
dst_to_origin(349)	1143.02	1667.61	1461.94	1648.21	1555.76	1148.06	1531.14
dst_to_origin(350)	1137.99	1668.43	1459.29	1651.08	1551.11	1141.62	1533.38
dst_to_origin(351)	1135.84	1668.77	1458.82	1655.14	1547.22	1136.48	1539.21
dst_to_origin(352)	1133.63	1669.59	1460.59	1657	1543.32	1131	1541.93
dst_to_origin(353)	1130.13	1670.31	1461.47	1661.53	1540.36	1128.09	1543.29
dst_to_origin(354)	1130.24	1669.79	1458.3	1662.82	1535.54	1122.63	1548.25
dst_to_origin(355)	1127.48	1667.94	1456.02	1667.39	1531.65	1118.12	1549.61
dst_to_origin(356)	1124.78	1667.4	1452.85	1668.12	1525.9	1115.23	1549.12
dst_to_origin(357)	1119.93	1665.99	1451.46	1671.65	1523.88	1116.45	1549.61
dst_to_origin(358)	1118.06	1663.73	1449.18	1673.48	1520.72	1115.17	1547.86

dst_to_origin(359)	1118.88	1661.91	1446.91	1674.56	1520.15	1116.17	1546.99
area(0)	306	246	347	285	278.5	249	228.5
area(1)	253	247.5	351.5	270.5	287.5	259	242
area(2)	285	257.5	332	290	282.5	257.5	253.5
area(3)	265	258.5	331	316	280.5	261	250.5
area(4)	254	248.5	351	315.5	268.5	269	258
area(5)	258.5	250	392.5	274	277.5	282.5	258
area(6)	276.5	238.5	341	319	269.5	265	257.5
area(7)	294.5	243	351.5	291.5	291	245	253.5
area(8)	320	245.5	328.5	294.5	304	244.5	264
area(9)	328.5	250.5	339.5	274.5	315	258.5	267
area(10)	298.5	228.5	362	264	302	260.5	251.5
area(11)	305.5	243	332	262	300.5	244	266
area(12)	297.5	255	331	293	305.5	260.5	252
area(13)	302.5	248.5	370	301	333	288	250
area(14)	296.5	246.5	360.5	289	314.5	282	266
area(15)	310.5	255	320.5	270	322.5	269.5	259.5
area(16)	292.5	251	321.5	270.5	309	239	259.5
area(17)	300.5	266.5	321	288	311	266.5	259.5
area(18)	286	269	326.5	293.5	304	267.5	249
area(19)	239	251	320.5	285	299.5	271.5	248
area(20)	231	284	316.5	300	289	279.5	237
area(21)	275.5	282	311.5	314.5	289	252	232
area(22)	285.5	263.5	322	292	285	271.5	247
area(23)	293.5	269	327	298.5	286	280.5	243
area(24)	286	250	336.5	276.5	293	274.5	251.5
area(25)	293	275	331.5	280	288.5	289.5	271.5
area(26)	293	275	331.5	280	288.5	289.5	271.5
area(27)	284	251	310.5	288	296	315	263.5
area(28)	290.5	265	313.5	287	305	272	286
area(29)	284.5	268	375.5	264	299.5	257	301
area(30)	274	265	326.5	290.5	297	288.5	297.5
area(31)	281.5	261	349.5	256	305.5	269	300
area(32)	281	252.5	333	265	303.5	261	301
area(33)			350.5	273	285	283.5	311.5
area(34)			339.5	268	350.5	246	321.5
area(35)			333	273.5	332.5	255	265.5
area(36)			351.5	292	301	267	272.5
area(37)			340	260	283	280.5	279.5
area(38)			325.5	270.5	278	250.5	264
area(39)			328	277	271	260	270.5
area(40)	285	249.5	354.5	305.5	272.5	262	280
area(41)	282.5	248.5	351	296.5	275	262.5	293.5
area(42)	303.5	264	330.5	263.5	359.5	260.5	304
area(43)	295	246.5	332.5	263.5	339.5	220	300
area(44)	301	250.5	305	288	280.5	232	289
area(45)	279.5	246.5	320.5	261	328.5	241	295.5
area(46)	310	257.5	344	309.5	303	264	261
area(47)	280	253.5	305.5	292	289.5	271	270
area(48)	318.5	262	315	268.5	271	266	300

area(49)	292	257	309	297	299	260	290.5
area(50)	278.5	267	321.5	261.5	304	270.5	290.5
area(51)	262	242	319	262	307	261.5	284.5
area(52)	288.5	276	380	261	312.5	280	297.5
area(53)	283	268	325.5	267.5	305	277.5	286.5
area(54)	306.5	252.5	295.5	290.5	303	282.5	315
area(55)	301.5	252.5	288.5	279.5	277.5	282.5	295
area(56)	322.5	252	295.5	284.5	289.5	277.5	301
area(57)	296.5	288	313.5	280.5	294	286.5	318.5
area(58)	301.5	282	306	291	312	278.5	285
area(59)	314.5	263.5	305	277	364.5	286	256
area(60)	314.5	268.5	305	284	287	293.5	248.5
area(61)	300	274	304.5	265	286	256.5	280.5
area(62)	276.5	266.5	311	299	258.5	269.5	278
area(63)	320	240	305.5	265.5	271	278	285
area(64)	325.5	254	296.5	268	260.5	269.5	287
area(65)	284.5	240	292	295.5	238	266.5	279.5
area(66)	301	251	333	267.5	250	268.5	289
area(67)	295	266	306	256	253.5	268	296.5
area(68)	329	265	299.5	290.5	298	286	286.5
area(69)	287	261	289.5	278	278	316	309.5
area(70)	281	254	301	277.5	256.5	285	305
area(71)	291	267.5	306.5	303	274	379	297.5
area(72)	286	244.5	323.5	269.5	259	265	305
area(73)	288.5	274	300	289	265	262.5	275.5
area(74)	294	258.5	340	279	268	316.5	235.5
area(75)	294	255.5	298	278.5	274.5	265.5	259.5
area(76)	257	258	311	283	288.5	267	262
area(77)	288	253.5	305.5	267.5	292.5	285.5	269
area(78)	324	254.5	320	259	306	309.5	284.5
area(79)	283	261	325	253.5	301	336	279
area(80)	287.5	265	315.5	277	310	325.5	285
area(81)	297.5	251	305	270	301.5	327	286.5
area(82)	282	260.5	315.5	270.5	324	319.5	255.5
area(83)	300.5	258	316.5	273.5	315.5	314	243
area(84)	318	269	320	290.5	312	322	251.5
area(85)	292.5	265.5	323	292	317	291.5	250.5
area(86)	307	271.5	309.5	286.5	311.5	310	264.5
area(87)	296	275	349	307	327.5	324	280
area(88)			312.5	312.5	301	317	284.5
area(89)			332	294	315	301.5	283
area(90)			330.5	299	320.5	318	293
area(91)			308.5	282.5	265.5	300	281.5
area(92)			318.5	296	282.5	299.5	288.5
area(93)			296	309	289	300.5	296
area(94)			306.5	297.5	299	419.5	295.5
area(95)			282.5	311	299.5	345	303
area(96)	317	268.5	301	322	295.5	274	306.5
area(97)	334	283	284		291		324
area(98)	282	269.5	288.5		298.5		291.5

area(99)	291	282.5	293.5	303.5	304	255	307.5
area(100)	294.5	263.5	305.5	312.5	298	276	251
area(101)	307	265	297.5	297.5	305.5	261	280
area(102)	307	267.5	317.5	273	289	267	288
area(103)	297.5	255.5	307.5	288	340.5	264.5	279
area(104)	272.5	270	312.5		304.5		282
area(105)	282	277	313	259	336.5	293	277
area(106)	306	274.5	301.5	266.5	321.5	333	283
area(107)	268	280.5	308	289	314		278.5
area(108)	269.5	272.5	302	298.5	279	302.5	258.5
area(109)	268	254.5	313.5	283.5	292.5	290	252.5
area(110)	269.5	247.5	305.5	310.5	291.5	301.5	288.5
area(111)	272	246	301	301	279.5	389	305
area(112)	273	264	313	303	288.5	344.5	309.5
area(113)	271.5	261	319.5	282	294.5	268.5	286.5
area(114)	277.5	260.5	313	308	287.5	314	268
area(115)	281.5	262.5	294	300	281	306	279
area(116)	282.5	263	301	286	258	271	281.5
area(117)	281.5	279	284.5	288.5	278.5	297	292.5
area(118)	308	273	290	297	269.5	290	299.5
area(119)	278.5	266	301	293.5	246	287	249.5
area(120)	265.5	274.5	317	277.5	283	277.5	278.5
area(121)	301	267.5	312	324.5	267.5	294	328.5
area(122)	262.5	264.5		273	274.5	295	269
area(123)	268	269	391	271	276	404	263
area(124)	252	267	292	281	264	309.5	284.5
area(125)	271.5	291.5	302	289.5	277	290	253
area(126)	278	255.5	280	261.5	262.5	347	282
area(127)	253.5	261	291	269	296	315	301
area(128)	244	270	314.5	288.5	288.5	256	274.5
area(129)	255	260	295.5	256.5	280.5	239.5	285.5
area(130)	272.5	261	282.5	272.5	294	272	288.5
area(131)	259.5	264.5	317	274	273	250	301.5
area(132)	265	260.5	284	277.5	278	271	299.5
area(133)	258	269.5	294	286.5	279	332.5	311.5
area(134)	256.5	279	284	297	383	365.5	315
area(135)	277	272.5	314.5	282	293	280	306
area(136)	253	251.5	319.5	274	250	268.5	303
area(137)	258.5	273	317.5	281	272	278.5	326
area(138)	272	251	328	322.5	277.5	325	319.5
area(139)	270	247.5	306.5	304	257	277	335
area(140)	283	262	310	296	281.5	265	342.5
area(141)	264.5	238	320	287.5	304.5	284	318.5
area(142)	279	258.5	339.5	285	280	315.5	322.5
area(143)	272	250	320	303.5	276	297.5	322
area(144)	276.5	233	365.5	319	265.5	283	309
area(145)	273.5	246	345	274	272.5	307	327.5
area(146)	270.5	262.5	329.5	279.5	279	297.5	338
area(147)	280	247.5	336.5	273	264	290.5	338
area(148)	309	258.5	331.5	273	273	289	318.5

area(149)	270.5	245	342	294.5	259.5	306.5	339.5
area(150)	287	247	323.5	305.5	257.5	309.5	320.5
area(151)	278	234.5	329.5	321	277.5	308.5	292
area(152)	294	240.5	335	326	301.5	290.5	332
area(153)	281	251	299	325.5	272	303.5	319
area(154)	215.5	244	285	317	286.5	315	280
area(155)	262	243.5	306	290.5	292	310.5	298.5
area(156)	285.5	246.5	295	291	292	313.5	276.5
area(157)	278.5	262.5	287	282.5	289	324	273
area(158)	264.5	236.5	289.5	279.5	303	333.5	289.5
area(159)	275.5	267.5	291	326	297.5	290	278.5
area(160)	268.5	267.5	290.5	292	301	309.5	293
area(161)	275	242	316.5	300.5	289.5	364	255.5
area(162)	266.5	230.5	300	312.5	272	371.5	240
area(163)	255	280.5	310.5	300.5	285	353	272
area(164)	266.5	217	299	282	289	357	281.5
area(165)	266	213.5	324.5	297.5	297	429.5	290.5
area(166)	261	228.5	309.5	283.5	323	397.5	281
area(167)	261	237.5	350.5	285	299.5		287.5
area(168)	259	232.5	308	283.5	302.5	331	271
area(169)	273	231	314.5	303.5	304	343.5	278
area(170)	272	254	314	277.5	304	275	286
area(171)	283	244	325.5	307.5	303	276.5	276.5
area(172)	287.5	254.5	299.5	284.5	309	247	278.5
area(173)	254	240.5	321.5	287.5	301	272	289.5
area(174)	275.5	255.5	330.5	311.5	312	285.5	279
area(175)	286.5	259	328	306.5	330.5	280.5	283.5
area(176)	276	257	319	338	301	279	275
area(177)	284.5	249.5	329	310.5	340	261	290.5
area(178)	280	264	318.5	294	311	255	281.5
area(179)	270	247	325.5	292	313.5	267	286.5
area(180)	269	258.5	336	283	304	252	290
area(181)	260	255.5	287.5	277	315	261.5	267.5
area(182)	278	265.5	319.5	306	356	270	283
area(183)	255	244.5	328	296.5	311	251.5	277
area(184)	264.5	257.5	324.5	295	323.5	265	276
area(185)	265	256.5	340.5	294	323.5	297.5	264.5
area(186)			367.5	294	335	283.5	300.5
area(187)			336.5	299	355.5	280	279
area(188)			329	296.5	326.5	294	238
area(189)	283	275.5	346	299	328	300.5	264.5
area(190)	271.5	263	321.5	300.5	333	442	287.5
area(191)	289.5	244	338	319	299	312.5	296.5
area(192)	285.5	269	358.5	305.5	276.5	269.5	293
area(193)	271	241	332	325	276	267	287.5
area(194)	281	263.5	369.5	343.5	279.5	269.5	299.5
area(195)	274	260.5	321.5	324.5	286.5	275.5	314
area(196)	269	255	302	331	280.5	311.5	318.5
area(197)	281	270.5	304.5	336.5	305.5	235	293.5
area(198)	289.5	261	308.5	316.5	303.5	281	268.5

area(199)	280.5	273	338.5	335	310	234	268.5
area(200)	271	251.5	331	315	298.5	252	270.5
area(201)	312	261.5	276.5	361	301.5	282	265.5
area(202)	275	244	282	337.5	306	308.5	268.5
area(203)	285	254.5	286.5	339	301.5	304	278
area(204)	281.5	236.5	298	365.5	312.5	285.5	306.5
area(205)	266.5	253.5	322.5	350.5	351.5	305.5	281
area(206)	283	248	317	325.5	304	296.5	268
area(207)	270	253	310	407	308.5	265	294
area(208)	272	247	328.5	358	305	363.5	281
area(209)	266	252	314	364.5	336		289.5
area(210)	234	243	298	350	324	312	292.5
area(211)	248.5	258	318.5	336	327	269.5	297
area(212)	251	248.5	285	344.5	324	259.5	302
area(213)	253	233	305	354	310.5	269	304
area(214)	263.5	226.5	296.5	351.5	293	362.5	315
area(215)	263	231	299	348	318.5	370	300.5
area(216)	267	212	296.5	363	301	253.5	308
area(217)	248.5	230.5	283.5	434.5	291.5	241.5	293.5
area(218)	250.5	239	297.5	321.5	300	255.5	312
area(219)	286	224	301.5	349	287	245.5	324
area(220)	261	225	294	338.5	298	268	317
area(221)	282.5	229.5	293.5	347	288	269.5	330.5
area(222)	299.5	244.5	291.5	329.5	284	241	318.5
area(223)	283.5	248	302.5	342	276	262.5	322
area(224)	289	237	300.5	330.5	269	239	325.5
area(225)	303.5	245	348	345.5	271	297	324
area(226)	282.5	249.5	316.5	347.5	282	308.5	296
area(227)	292.5	254.5	294.5	340.5	288.5	285	285
area(228)	283	244	293.5	347.5	304.5	290.5	283.5
area(229)	305.5	238.5	297	327	291	327	283
area(230)	289.5	258	304	340.5	291	307	290
area(231)	312	258	316.5	368	281	284	289.5
area(232)	289.5	258	320.5	337.5	301	278	285.5
area(233)	294	239	339.5	336	289.5	275.5	297.5
area(234)	308	273.5	323.5	340	295.5	402.5	293
area(235)	286	255	291.5	341.5	305	276.5	296.5
area(236)	305	253.5	292	365	283	310	279
area(237)	293.5	241	302	341.5	293	276	297
area(238)	285.5	264.5	324	351	317	258.5	344
area(239)	279	251	319.5	337	292	282.5	311.5
area(240)	307.5	249.5	306.5	371.5	301	227.5	354.5
area(241)	289	245.5	318	357.5	289	242.5	336
area(242)	283	240.5	335.5	372.5	326.5	258	347.5
area(243)	347	249.5	344.5	384.5	347	255.5	326.5
area(244)	276.5	251	305	372.5	314	279.5	326
area(245)	297.5	242.5	293.5	447	312	294	344
area(246)	288.5	250.5	298.5	378.5	309	270	330
area(247)	288	241	288	383.5	331.5	293.5	334.5
area(248)	285	250.5	301.5	416.5	293	283	334

area(249)	274.5	235.5	304.5	399.5	275	296.5	329.5
area(250)	275.5	225	322.5	398	263.5	267	328
area(251)	285.5	242.5	306.5	395	293	279.5	319.5
area(252)	293	250	293	379.5	288.5	284	318
area(253)	268	231	282.5	376.5	274	284	322
area(254)	283.5	234	275.5	360	307.5	285.5	306.5
area(255)	293.5	234.5	292	378.5	291	288	297
area(256)	293.5	234.5	290.5	373.5	261.5	335.5	295.5
area(257)	297	236.5	299	387	289	277	296.5
area(258)	284.5	230	325.5	353.5	284	281	301.5
area(259)	289	229	313.5	379.5	296	265	308
area(260)	301	230.5	336	398	302	275	303
area(261)	287.5	244	327.5	391.5	305	315	322
area(262)	282	227.5	322.5	323	283	278	312
area(263)	330.5	237.5	311.5	360	290.5	287	314.5
area(264)	294.5	225	314	343	296	278	320
area(265)	282.5	241.5	313	358.5	285	274	322.5
area(266)	302.5	240.5	327.5	378.5	317.5	295.5	323
area(267)	287.5	231	325.5	336	322	272	319
area(268)	280.5	241	320.5	341.5	338	283.5	321
area(269)	291	269.5	337	365	338	308.5	332.5
area(270)	277	243	348	373	333	296.5	322.5
area(271)	285.5	240	333	372.5	348.5	271	326
area(272)	273.5	232.5	332.5	386.5	314	259	334.5
area(273)	284.5	246.5	354.5	383	317.5	286	322.5
area(274)	277	241	351.5	408	286	276	355
area(275)	292.5	245	328	362.5	299.5	267	342.5
area(276)	285.5	247.5	346.5	401.5	302.5	280	338.5
area(277)	279.5	239.5	348	370	294.5	293.5	325
area(278)	296	234	359.5	373.5	321.5	274.5	332.5
area(279)	283.5	241	331.5	389	304.5	306.5	339.5
area(280)	319	254.5	358	421.5	307	262.5	346
area(281)	283.5	248.5	329.5	390	296.5	257	320.5
area(282)	278	245.5	344	379	310	249	315
area(283)	271	250.5	345.5	385.5	321	237	288.5
area(284)	288		324	373		265.5	302.5
area(285)	295		320	387		312.5	317
area(286)	277		331	368.5		315.5	315.5
area(287)	276		322	417.5		250	315
area(288)	274	253.5	328	378	284	259	351
area(289)	288	243	338.5	342	290	262.5	360.5
area(290)	279	242.5	323	367	288.5	263	330
area(291)	283	246	323	360.5	290	250	339.5
area(292)	282.5	247	339	350.5	285.5	260.5	344
area(293)	287.5	263.5	328	402	319.5	252	329.5
area(294)	267.5	261.5	338.5	379	306	261.5	312
area(295)	282	233.5	346	367.5	316	258	316
area(296)	260	243	332	373.5	320.5	270.5	341
area(297)	282.5	264.5	304.5	353.5	333	266	338
area(298)	282	240.5	303	365.5	319.5	261.5	350.5

area(299)	284	216.5	300.5	348	322.5	278	366.5
area(300)	271.5	206	321	336	290.5	288	345
area(301)	281	228		351.5	353.5	285.5	
area(302)	288	227		345	278.5	254.5	
area(303)	278	240		341.5	278.5	286	
area(304)	279	235		340	276.5	269	
area(305)	273	255		362	277.5	262.5	
area(306)	321.5	237		333	298.5	299.5	
area(307)	265.5	257.5		366		240	
area(308)	275	243		411		271.5	
area(309)	300	248		372.5		292	
area(310)	286	249.5				275	
area(311)	311	241.5		397		249.5	
area(312)	290.5	249.5		352	299.5	263	
area(313)	311.5	250		376	279	258.5	
area(314)	279	250.5	315.5	346.5	292.5	244	304.5
area(315)	270	254	312	347.5	314.5	263	305.5
area(316)	271.5	262.5	317.5	387.5	302.5	273.5	301
area(317)	292.5	247.5	325.5	362	304.5	266	299.5
area(318)	282	238	313	371.5	293.5	265.5	297
area(319)	284	236	316	357.5	297.5	289	300
area(320)	283	235	332	360	272	289	295.5
area(321)	305.5	231.5	310.5	358.5	279.5	264.5	294.5
area(322)	270.5	243.5		370	265.5	324.5	
area(323)	345.5	234	327	350	268.5	285.5	314
area(324)	291.5	220.5	326	340	319	285.5	294.5
area(325)	281	241.5	331.5	348	270	266.5	294
area(326)	244	222	327.5	356.5	305.5	271	294
area(327)	272	226.5	317.5	327.5	269	281.5	289.5
area(328)	274	231	331	330	267	270.5	276
area(329)	266	235.5	332	392	265	269.5	284.5
area(330)	349.5	243	314.5	376.5	294.5	274	304.5
area(331)	282.5	248	338	362	273	305.5	305
area(332)	309.5	237		360.5	270.5	293.5	
area(333)	337	228	337	354.5	273	315.5	291.5
area(334)	303.5	239.5	332	328	262	286	292
area(335)	277.5	226.5	328.5	349.5	288	294.5	281.5
area(336)	246.5	236	339	330	294	296	284
area(337)	264.5	246	338.5	382	307	307	308.5
area(338)	274.5	256.5		327	269	298.5	
area(339)	285.5	249.5	359.5	421.5	271.5	297	308
area(340)	292	262	338	341	251	322	310.5
area(341)	287	238.5	314	342.5	272	305	314
area(342)	306	231	324.5	388	270	307.5	319
area(343)	291	214	342	351.5	278	290	314
area(344)	290.5	231	345	384.5	266	294	323.5
area(345)	274	251.5	322	350	288.5	300.5	343.5
area(346)	290	260.5	333	318	299.5	328.5	321
area(347)	282.5	259.5	344	339.5	291	282.5	339
area(348)	267	260	332.5	357	310.5	311	341

area(349)	278	244	357	325.5	275.5	301.5	323.5
area(350)	276	262.5	323	345	279	275.5	341.5
area(351)	285	232	319	332.5	284.5	303	344
area(352)	286	242.5	321	329	297	268	319.5
area(353)	290.5	228.5	322	364	298	288	339.5
area(354)	284.5	234	300	329	305	302	333
area(355)	285	245.5	301.5	340	300.5	296.5	333.5
area(356)	270	247.5	279	309.5	286.5	285	343
area(357)	271	242	298.5	345	303	278.5	343
area(358)	279.5	249.5	291	325	301.5	301	329.5
area(359)	274.5	244	277	328.5	281.5	327	332.5
perimeter(0)	95.799	87.799	104.284	96.9706	95.2132	80.9706	71.8995
perimeter(1)	80.9706	84.3848	103.698	93.5563	92.3848	84.9706	78.1421
perimeter(2)	88.9706	90.0416	101.456	94.1421	95.2132	88.3848	78.7279
perimeter(3)	88.9706	87.2132	104.284	90.1421	100.87	88.9706	75.8995
perimeter(4)	78.1421	91.2132	104.284	100.385	100.87	88.9706	78.1421
perimeter(5)	85.5563	86.1421	110.527	95.799	98.0416	85.5563	78.1421
perimeter(6)	91.2132	85.5563	100.284	100.971	96.3848	88.9706	78.7279
perimeter(7)	95.2132	84.9706	103.698	98.7279	91.3137	80.9706	78.7279
perimeter(8)	101.456	88.3848	100.87	101.556	98.1421	81.5563	82.1421
perimeter(9)	99.2132	85.5563	102.042	91.8995	100.971	87.2132	84.9706
perimeter(10)	95.2132	79.8995	105.456	98.1421	95.799	91.2132	84.3848
perimeter(11)	98.0416	83.3137	101.456	92.4853	97.5563	80.4853	87.799
perimeter(12)	96.3848	83.3137	102.627	96.9706	104.385	91.2132	83.799
perimeter(13)	93.5563	89.5563	103.799	95.3137	96.9706	91.799	87.799
perimeter(14)	89.5563	83.8995	99.2132	95.3137	103.213	87.799	87.799
perimeter(15)	95.2132	83.3137	91.2132	94.1421	93.5563	88.3848	84.3848
perimeter(16)	95.2132	83.3137	88.3848	103.213	96.9706	73.6569	84.3848
perimeter(17)	99.2132	83.8995	88.9706	101.456	92.9706	85.5563	82.7279
perimeter(18)	95.799	88.9706	95.2132	107.698	91.799	92.3848	80.9706
perimeter(19)	84.9706	84.9706	91.2132	100.284	92.3848	92.3848	83.799
perimeter(20)	67.3137	91.799	100.87	101.456	98.6274	102.042	80.9706
perimeter(21)	76.3848	97.4558	102.042	104.87	98.6274	90.1421	83.799
perimeter(22)	88.3848	84.3848	95.799	101.456	98.6274	92.3848	84.9706
perimeter(23)	86.7279	88.9706	102.627	96.8701	95.799	89.5563	86.6274
perimeter(24)	86.1421	87.799	99.2132	99.2132	96.9706	95.2132	84.3848
perimeter(25)	88.9706	104.284	100.385	99.799	99.2132	96.3848	82.7279
perimeter(26)	88.9706	104.284	100.385	99.799	99.2132	96.3848	82.7279
perimeter(27)	91.799	86.6274	93.5563	98.1421	99.799	92.9706	82.7279
perimeter(28)	95.2132	92.2843	96.3848	100.971	98.6274	82.1421	86.1421
perimeter(29)	91.2132	95.1127	102.042	98.1421	102.042	80.9706	88.9706
perimeter(30)	78.1421	90.6274	104.87	101.556	100.284	89.5563	90.0416
perimeter(31)	80.3848	88.9706	106.042	98.1421	98.0416	87.3137	93.4558
perimeter(32)	90.6274	91.2132	98.6274	96.9706	102.042	87.3137	90.6274
perimeter(33)			104.87	98.6274	96.9706	92.3848	95.6985
perimeter(34)			103.698	101.456	93.5563	86.1421	99.6985
perimeter(35)			100.284	98.0416	97.5563	84.9706	88.3848
perimeter(36)			103.698	101.456	100.284	94.6274	91.2132
perimeter(37)			101.456	101.456	94.6274	89.5563	94.0416
perimeter(38)			98.0416	96.8701	95.799	85.5563	85.4558

perimeter(39)			103.113	100.284	104.284	82.1421	87.2132
perimeter(40)	82.6274	90.0416	104.87	99.6985	100.87	86.1421	91.799
perimeter(41)	87.2132	92.8701	100.971	100.87	104.284	85.5563	98.0416
perimeter(42)	84.3848	93.4558	103.213	103.698	102.042	81.5563	101.456
perimeter(43)	84.9706	87.2132	97.5563	102.042	102.042	66.1421	101.456
perimeter(44)	88.9706	87.2132	98.6274	101.456	100.87	64.4853	98.6274
perimeter(45)	92.3848	88.8701	99.2132	98.6274	97.5563	72.9706	92.3848
perimeter(46)	95.799	88.3848	98.1421	98.0416	94.6274	74.1421	80.9706
perimeter(47)	90.1421	90.0416	86.7279	101.456	96.3848	76.9706	87.799
perimeter(48)	93.5563	87.799	92.9706	100.87	92.9706	78.1421	91.799
perimeter(49)	91.799	87.3137	96.9706	100.284	92.9706	83.799	93.5563
perimeter(50)	95.2132	92.9706	96.3848	98.0416	91.799	87.2132	93.5563
perimeter(51)	87.799	76.4853	102.627	97.4558	92.9706	88.3848	99.2132
perimeter(52)	81.5563	80.4853	101.456	90.6274	99.2132	91.799	96.3848
perimeter(53)	84.9706	82.1421	96.3848	94.0416	96.9706	90.0416	93.5563
perimeter(54)	95.2132	79.8995	94.0416	93.5563	92.9706	95.2132	91.3137
perimeter(55)	86.7279	79.8995	100.87	90.7279	98.0416	95.2132	91.3137
perimeter(56)	93.5563	80.4853	94.0416	99.2132	96.3848	96.3848	95.3137
perimeter(57)	99.2132	90.1421	96.3848	91.2132	94.1421	93.5563	93.5563
perimeter(58)	98.0416	86.1421	94.1421	94.6274	98.1421	93.5563	87.3137
perimeter(59)	95.2132	82.7279	96.9706	88.9706	97.5563	94.1421	82.1421
perimeter(60)	104.87	91.2132	96.9706	90.1421	91.3137	94.7279	81.5563
perimeter(61)	109.456	86.1421	97.5563	88.9706	94.1421	97.5563	91.2132
perimeter(62)	99.2132	87.2132	100.971	94.6274	85.5563	96.3848	87.799
perimeter(63)	99.799	83.799	94.7279	88.3848	94.6274	94.1421	90.6274
perimeter(64)	96.3848	87.799	99.2132	91.799	89.5563	86.7279	83.3137
perimeter(65)	99.2132	83.799	99.799	94.0416	78.1421	95.2132	92.3848
perimeter(66)	106.627	86.6274	88.9706	92.3848	87.799	99.2132	88.9706
perimeter(67)	102.627	87.799	95.799	91.799	86.7279	90.1421	89.5563
perimeter(68)	106.627	90.6274	102.042	93.5563	95.799	95.799	95.2132
perimeter(69)	91.3137	80.9706	98.0416	95.799	95.799	98.1421	98.0416
perimeter(70)	85.6569	78.1421	98.6274	96.3848	81.5563	96.9706	88.9706
perimeter(71)	91.3137	82.7279	103.213	102.627	86.1421	100.971	98.0416
perimeter(72)	94.1421	81.5563	102.042	88.3848	84.9706	80.9706	100.284
perimeter(73)	89.5563	87.799	91.799	98.6274	88.9706	77.5563	84.3848
perimeter(74)	86.1421	85.5563	101.456	94.6274	91.799	91.2132	66.7279
perimeter(75)	78.1421	84.3848	95.799	95.2132	93.5563	88.3848	76.3848
perimeter(76)	72.9706	87.799	102.627	92.9706	99.2132	94.6274	79.799
perimeter(77)	82.1421	88.3848	96.3848	90.7279	99.2132	96.3848	80.9706
perimeter(78)	91.799	85.5563	99.799	92.9706	105.456	98.0416	91.2132
perimeter(79)	84.9706	88.9706	98.6274	96.3848	98.6274	101.456	83.3137
perimeter(80)	82.7279	88.9706	102.042	98.6274	97.4558	107.698	88.9706
perimeter(81)	88.3848	84.9706	98.6274	97.4558	98.0416	104.284	93.5563
perimeter(82)	87.799	91.2132	102.042	96.8701	101.456	102.042	82.7279
perimeter(83)	91.2132	97.4558	99.2132	107.698	102.042	105.456	76.9706
perimeter(84)	97.4558	98.6274	99.799	96.8701	99.799	107.113	84.3848
perimeter(85)	91.2132	88.3848	92.9706	103.113	98.6274	102.042	85.5563
perimeter(86)	94.6274	94.0416	96.3848	95.2132	102.042	105.456	91.2132
perimeter(87)	91.799	94.6274	96.9706	102.627	102.042	101.456	93.4558
perimeter(88)			97.5563	99.2132	98.6274	108.284	89.5563

perimeter(89)			98.1421	95.799	102.627	106.042	94.6274
perimeter(90)			91.8995	102.627	100.87	105.456	98.6274
perimeter(91)			95.8995	95.2132	80.3848	101.456	96.3848
perimeter(92)			91.8995	99.799	87.2132	102.042	99.2132
perimeter(93)			90.1421	96.9706	90.6274	99.2132	99.799
perimeter(94)			95.2132	94.7279	92.9706	110.042	102.042
perimeter(95)			95.2132	91.3137	92.3848	98.6274	94.6274
perimeter(96)	98.6274	91.2132	98.6274	94.1421	92.3848	87.799	95.2132
perimeter(97)	95.799	84.9706	101.456		83.3137		99.799
perimeter(98)	95.799	86.7279	100.87		95.2132		94.0416
perimeter(99)	92.9706	85.5563	98.0416	90.7279	90.1421	84.9706	92.3848
perimeter(100)	93.5563	82.7279	99.6985	99.2132	105.456	91.799	67.3137
perimeter(101)	92.9706	88.9706	98.0416	98.0416	98.0416	88.9706	75.799
perimeter(102)	91.3137	82.7279	99.6985	100.284	98.6274	92.9706	74.1421
perimeter(103)	96.3848	82.7279	102.042	99.799	100.87	91.2132	84.9706
perimeter(104)	99.2132	86.1421	100.87		100.87		87.799
perimeter(105)	94.1421	87.3137	98.6274	94.6274	100.87	96.9706	88.9706
perimeter(106)	95.799	85.5563	98.0416	95.2132	99.6985	96.9706	94.6274
perimeter(107)	90.1421	89.5563	101.456	98.6274	97.4558		95.2132
perimeter(108)	96.3848	89.5563	95.799	103.213	94.6274	95.2132	87.2132
perimeter(109)	90.1421	77.5563	96.3848	90.7279	99.2132	95.799	81.5563
perimeter(110)	96.3848	74.7279	96.3848	103.213	92.3848	96.3848	91.2132
perimeter(111)	90.1421	78.1421	96.9706	98.6274	94.0416	122.627	100.284
perimeter(112)	87.3137	82.1421	98.6274	104.284	99.2132	99.2132	107.698
perimeter(113)	90.7279	80.9706	100.385	97.4558	103.213	99.2132	96.8701
perimeter(114)	94.7279	81.5563	96.9706	101.456	102.042	95.799	83.799
perimeter(115)	85.0711	87.2132	86.1421	101.456	98.6274	95.799	84.9706
perimeter(116)	93.5563	86.6274	88.9706	95.799	78.1421	94.6274	96.3848
perimeter(117)	96.3848	86.6274	89.5563	99.2132	87.2132	98.6274	97.5563
perimeter(118)	90.1421	90.6274	95.799	95.3137	90.0416	97.4558	102.042
perimeter(119)	93.5563	89.4558	98.6274	94.7279	78.1421	94.6274	80.3848
perimeter(120)	98.0416	87.2132	96.9706	94.7279	84.9706	98.0416	87.2132
perimeter(121)	98.6274	84.3848	99.799	97.5563	82.7279	95.799	110.527
perimeter(122)	95.2132	92.8701		95.3137	93.5563	92.9706	90.6274
perimeter(123)	101.456	90.6274	102.627	91.3137	90.1421	99.799	84.9706
perimeter(124)	91.799	84.9706	91.799	96.9706	90.1421	96.3848	91.2132
perimeter(125)	92.3848	94.0416	95.799	96.3848	96.9706	89.4558	90.6274
perimeter(126)	95.799	94.0416	90.1421	96.3848	93.5563	100.971	79.799
perimeter(127)	88.3848	90.6274	92.9706	96.9706	99.799	102.627	80.9706
perimeter(128)	74.1421	97.4558	93.5563	97.5563	97.5563	82.1421	87.2132
perimeter(129)	76.9706	93.4558	92.3848	97.5563	97.5563	84.3848	98.0416
perimeter(130)	83.2132	80.9706	87.2132	87.8995	95.799	82.1421	99.2132
perimeter(131)	84.3848	92.8701	80.9706	94.1421	102.627	86.1421	96.3848
perimeter(132)	88.9706	92.8701	91.799	94.7279	103.456	83.3137	100.385
perimeter(133)	86.1421	90.0416	97.4558	93.5563	102.627	99.2132	100.385
perimeter(134)	89.5563	96.2843	91.799	95.3137	100.971	98.0416	100.971
perimeter(135)	88.9706	91.2132	93.5563	94.1421	95.799	91.799	103.799
perimeter(136)	88.9706	86.0416	90.7279	94.1421	87.799	89.5563	102.627
perimeter(137)	85.5563	90.6274	96.3848	96.9706	90.1421	95.2132	105.456
perimeter(138)	90.1421	84.9706	99.799	103.213	96.3848	98.6274	111.698

perimeter(139)	94.1421	84.3848	93.5563	98.1421	88.9706	88.9706	113.941
perimeter(140)	92.9706	95.799	95.799	99.799	96.3848	88.9706	116.184
perimeter(141)	89.5563	78.1421	99.799	100.385	99.2132	90.1421	106.527
perimeter(142)	91.3137	85.5563	102.042	96.9706	99.799	90.7279	106.527
perimeter(143)	90.1421	86.1421	101.456	100.385	99.799	96.3848	107.113
perimeter(144)	97.5563	79.3137	99.6985	100.971	86.7279	91.3137	100.284
perimeter(145)	96.3848	86.1421	100.284	94.1421	89.5563	92.9706	103.698
perimeter(146)	91.8995	85.5563	99.6985	98.7279	84.9706	96.3848	107.113
perimeter(147)	88.4853	82.7279	102.527	96.9706	74.1421	93.5563	107.113
perimeter(148)	96.9706	83.8995	103.698	95.3137	80.9706	96.9706	96.8701
perimeter(149)	91.8995	79.3137	97.4558	103.213	84.3848	93.5563	102.042
perimeter(150)	92.9706	83.3137	94.0416	96.3848	90.0416	96.3848	99.2132
perimeter(151)	86.1421	85.5563	96.3848	96.9706	88.3848	99.2132	93.4558
perimeter(152)	95.799	89.5563	94.6274	94.1421	98.0416	93.5563	101.456
perimeter(153)	88.9706	92.9706	84.9706	107.698	91.799	100.385	104.284
perimeter(154)	66.7279	82.1421	80.9706	98.6274	96.8701	92.9706	91.799
perimeter(155)	79.799	82.7279	87.799	93.5563	101.456	103.213	96.8701
perimeter(156)	80.3848	85.5563	84.9706	92.9706	101.456	96.3848	83.2132
perimeter(157)	77.5563	83.8995	84.9706	93.5563	100.284	98.1421	80.9706
perimeter(158)	81.5563	81.5563	86.7279	92.3848	94.6274	96.3848	88.3848
perimeter(159)	82.7279	92.3848	92.9706	94.1421	98.0416	94.1421	95.2132
perimeter(160)	81.5563	92.3848	95.2132	99.799	98.6274	98.0416	98.6274
perimeter(161)	83.3137	78.1421	99.2132	99.2132	96.3848	101.456	82.7279
perimeter(162)	85.5563	75.8995	90.1421	99.2132	90.1421	111.698	74.1421
perimeter(163)	83.3137	79.8995	93.5563	99.2132	96.9706	98.6274	82.1421
perimeter(164)	85.5563	71.3137	91.3137	95.799	96.9706	104.971	80.3848
perimeter(165)	86.1421	70.7279	87.8995	96.3848	98.6274	114.042	87.2132
perimeter(166)	88.9706	71.8995	94.7279	100.385	102.627	125.355	80.9706
perimeter(167)	88.9706	80.3848	93.5563	106.627	102.042		84.3848
perimeter(168)	92.9706	81.5563	99.799	100.385	103.213	102.627	84.9706
perimeter(169)	87.3137	84.9706	93.5563	100.385	109.456	102.042	87.799
perimeter(170)	90.1421	87.799	95.799	96.3848	109.456	91.3137	95.799
perimeter(171)	91.3137	83.799	96.3848	102.042	102.627	97.5563	91.2132
perimeter(172)	89.0711	85.5563	92.3848	100.87	98.6274	92.9706	104.87
perimeter(173)	84.4853	81.5563	96.3848	102.042	100.284	88.4853	86.7279
perimeter(174)	89.0711	84.3848	103.213	102.042	111.113	94.7279	92.9706
perimeter(175)	91.8995	84.9706	101.456	104.87	103.213	87.8995	92.3848
perimeter(176)	90.1421	88.9706	94.6274	105.456	98.6274	91.3137	94.6274
perimeter(177)	99.2132	88.3848	98.6274	104.87	101.456	87.3137	95.2132
perimeter(178)	99.799	91.799	96.8701	105.456	102.627	91.3137	96.3848
perimeter(179)	94.1421	84.9706	98.0416	99.799	96.3848	91.3137	95.2132
perimeter(180)	79.3137	85.5563	101.456	100.971	101.456	90.1421	87.799
perimeter(181)	83.799	82.7279	94.0416	96.9706	102.627	94.7279	94.0416
perimeter(182)	87.799	88.3848	92.3848	103.799	101.456	94.1421	94.6274
perimeter(183)	84.9706	81.5563	99.799	99.2132	104.284	92.3848	88.9706
perimeter(184)	91.2132	88.3848	99.2132	102.627	102.042	96.9706	82.1421
perimeter(185)	88.9706	89.5563	97.5563	105.456	103.698	96.3848	81.5563
perimeter(186)			100.385	105.456	104.284	100.385	89.5563
perimeter(187)			97.5563	100.971	103.698	99.799	84.9706
perimeter(188)			96.9706	97.5563	96.8701	95.799	70.1421

perimeter(189)	84.9706	92.3848	103.799	99.3137	101.456	100.87	73.5563
perimeter(190)	82.7279	84.9706	96.3848	95.8995	100.284	115.113	76.3848
perimeter(191)	88.3848	82.1421	103.799	100.971	94.6274	99.2132	83.2132
perimeter(192)	90.0416	88.9706	95.2132	106.042	91.2132	86.7279	90.6274
perimeter(193)	84.9706	82.6274	103.113	108.284	82.1421	94.6274	94.0416
perimeter(194)	88.9706	94.0416	107.698	103.698	82.7279	88.3848	92.3848
perimeter(195)	86.1421	83.2132	98.0416	110.527	85.5563	92.3848	95.799
perimeter(196)	88.9706	86.6274	97.4558	104.284	89.5563	92.3848	93.5563
perimeter(197)	88.9706	87.2132	100.87	108.87	96.3848	75.3137	96.3848
perimeter(198)	98.0416	90.6274	99.2132	107.213	102.042	80.9706	81.5563
perimeter(199)	89.5563	90.6274	103.213	110.627	94.1421	86.1421	73.5563
perimeter(200)	92.9706	84.3848	92.9706	100.971	93.5563	90.1421	77.5563
perimeter(201)	99.799	88.3848	81.5563	104.971	96.3848	95.799	88.3848
perimeter(202)	92.9706	83.799	87.799	104.385	94.1421	97.5563	81.5563
perimeter(203)	96.9706	87.2132	85.5563	100.971	96.3848	99.799	87.799
perimeter(204)	86.7279	83.2132	86.1421	106.042	97.5563	96.3848	104.87
perimeter(205)	93.5563	90.0416	93.5563	111.213	102.042	94.7279	82.6274
perimeter(206)	91.3137	83.799	96.9706	106.042	101.456	97.5563	74.1421
perimeter(207)	94.1421	80.9706	94.1421	108.971	100.87	87.3137	97.4558
perimeter(208)	90.1421	86.6274	97.5563	102.142	100.284	98.7279	87.3137
perimeter(209)	86.1421	83.799	94.1421	107.213	103.113		96.3848
perimeter(210)	70.1421	84.9706	94.1421	102.142	103.113	98.1421	99.2132
perimeter(211)	71.8995	87.799	103.213	98.1421	105.941	86.7279	106.627
perimeter(212)	76.9706	81.5563	98.6274	107.213	101.456	84.3848	103.799
perimeter(213)	80.9706	80.9706	98.6274	105.456	103.213	90.6274	109.456
perimeter(214)	84.3848	77.5563	99.2132	111.698	96.9706	95.2132	100.971
perimeter(215)	84.9706	75.3137	94.6274	111.113	93.5563	95.799	97.5563
perimeter(216)	84.9706	72.4853	100.87	112.284	95.3137	78.7279	98.1421
perimeter(217)	81.5563	75.8995	94.0416	114.527	100.385	78.7279	94.7279
perimeter(218)	85.5563	84.9706	99.6985	88.3848	98.1421	82.7279	98.1421
perimeter(219)	86.1421	74.1421	99.6985	98.6274	100.971	78.7279	98.1421
perimeter(220)	88.9706	71.3137	99.1127	93.5563	94.1421	83.799	95.3137
perimeter(221)	95.2132	78.7279	99.6985	104.284	98.1421	88.3848	101.556
perimeter(222)	92.3848	79.8995	94.0416	96.3848	90.1421	72.9706	101.556
perimeter(223)	92.3848	82.1421	96.8701	103.799	101.456	87.2132	94.1421
perimeter(224)	98.6274	79.3137	100.87	101.556	98.6274	86.6274	106.042
perimeter(225)	92.3848	79.3137	101.456	104.385	94.6274	88.9706	98.1421
perimeter(226)	95.2132	86.7279	99.2132	110.042	95.799	99.2132	90.1421
perimeter(227)	91.2132	83.8995	103.213	108.87	99.2132	88.9706	88.9706
perimeter(228)	94.6274	80.4853	96.3848	125.698	99.2132	95.2132	92.3848
perimeter(229)	98.0416	85.5563	96.9706	102.627	102.627	102.627	92.9706
perimeter(230)	98.0416	86.1421	99.799	107.213	102.627	91.3137	95.799
perimeter(231)	101.456	86.1421	99.2132	109.456	96.9706	91.799	98.0416
perimeter(232)	99.6985	86.1421	99.2132	104.385	96.9706	87.799	98.0416
perimeter(233)	97.4558	83.3137	100.385	98.1421	96.3848	94.0416	98.0416
perimeter(234)	93.4558	86.7279	92.3848	117.456	100.385	103.213	98.6274
perimeter(235)	99.1127	83.3137	92.3848	104.385	96.9706	89.5563	99.2132
perimeter(236)	100.284	86.7279	91.799	104.971	100.971	97.4558	92.9706
perimeter(237)	99.6985	79.3137	97.4558	104.385	96.9706	82.1421	96.9706
perimeter(238)	99.6985	89.5563	101.456	110.627	98.6274	87.2132	98.1421

perimeter(239)	96.2843	84.9706	100.385	104.971	101.456	87.2132	100.385
perimeter(240)	99.6985	88.3848	93.5563	108.385	96.9706	66.7279	101.556
perimeter(241)	100.284	86.7279	94.1421	104.385	96.9706	77.5563	98.1421
perimeter(242)	96.2843	79.8995	100.385	107.213	93.5563	78.1421	98.7279
perimeter(243)	104.284	86.7279	97.5563	116.87	100.971	84.3848	103.213
perimeter(244)	92.8701	83.3137	80.9706	118.527	95.799	84.3848	103.799
perimeter(245)	99.6985	83.8995	80.3848	110.627	101.456	86.1421	99.799
perimeter(246)	91.2132	83.8995	85.5563	114.527	98.6274	86.1421	103.799
perimeter(247)	101.456	79.3137	90.1421	110.042	102.042	86.7279	103.213
perimeter(248)	96.9706	83.8995	96.3848	107.213	88.9706	92.9706	103.799
perimeter(249)	93.5563	81.0711	99.2132	108.385	94.6274	87.8995	106.042
perimeter(250)	90.7279	79.3137	104.87	113.456	92.3848	92.9706	99.799
perimeter(251)	94.7279	83.8995	104.87	110.627	88.9706	90.7279	100.385
perimeter(252)	87.3137	86.1421	100.284	110.042	91.2132	90.1421	105.456
perimeter(253)	90.1421	84.9706	77.5563	108.87	97.4558	99.799	105.456
perimeter(254)	90.7279	87.799	74.7279	109.456	100.385	86.7279	104.87
perimeter(255)	86.7279	87.2132	82.1421	111.213	102.627	88.4853	106.627
perimeter(256)	94.7279	87.2132	85.5563	104.385	98.0416	90.7279	98.7279
perimeter(257)	96.9706	83.2132	92.9706	110.627	98.6274	98.6274	95.8995
perimeter(258)	87.8995	87.799	94.7279	104.385	103.113	98.6274	94.7279
perimeter(259)	96.9706	92.2843	106.042	119.698	103.113	90.6274	98.1421
perimeter(260)	96.9706	88.8701	99.799	119.799	107.113	104.284	102.627
perimeter(261)	90.7279	93.4558	100.385	119.698	100.284	102.627	103.799
perimeter(262)	94.1421	86.0416	93.5563	102.627	104.284	97.4558	99.799
perimeter(263)	93.5563	90.0416	102.042	107.799	95.2132	104.284	103.213
perimeter(264)	93.5563	82.6274	94.1421	110.627	99.799	97.4558	99.799
perimeter(265)	93.5563	91.6985	96.9706	111.213	90.6274	97.4558	103.213
perimeter(266)	93.5563	83.2132	100.385	91.8995	98.0416	103.698	102.627
perimeter(267)	90.7279	86.6274	94.7279	90.1421	105.456	93.4558	102.627
perimeter(268)	89.5563	90.6274	99.2132	96.3848	105.456	103.698	106.627
perimeter(269)	91.3137	90.0416	106.627	106.627	105.456	100.87	99.2132
perimeter(270)	87.3137	86.6274	99.799	116.284	108.284	100.87	103.213
perimeter(271)	85.0711	93.4558	98.6274	108.87	100.87	104.284	107.113
perimeter(272)	86.7279	83.2132	97.5563	112.87	105.456	102.627	106.527
perimeter(273)	99.2132	88.8701	103.213	110.627	106.042	97.4558	106.527
perimeter(274)	98.6274	90.6274	102.042	107.799	79.799	103.113	104.284
perimeter(275)	89.5563	90.6274	99.799	101.556	84.3848	94.6274	106.527
perimeter(276)	96.3848	84.3848	103.213	112.385	95.2132	101.456	106.527
perimeter(277)	102.042	84.3848	99.799	103.799	95.2132	107.698	98.6274
perimeter(278)	91.799	89.4558	102.042	115.698	96.3848	95.2132	99.2132
perimeter(279)	92.3848	90.6274	102.042	117.941	99.2132	96.8701	100.385
perimeter(280)	92.9706	96.8701	105.456	115.698	102.627	95.2132	103.799
perimeter(281)	92.3848	92.8701	98.0416	123.113	99.2132	90.6274	99.2132
perimeter(282)	94.1421	91.6985	101.456	112.284	105.456	79.3137	92.9706
perimeter(283)	83.3137	88.8701	107.698	115.698	100.284	80.9706	89.5563
perimeter(284)	88.4853		103.113	108.284		86.7279	93.5563
perimeter(285)	91.3137		103.113	105.941		99.2132	95.3137
perimeter(286)	87.3137		104.284	110.527		102.042	98.7279
perimeter(287)	90.1421		99.1127	115.698		78.1421	99.3137
perimeter(288)	84.4853	90.0416	101.456	105.456	83.799	76.9706	99.3137

perimeter(289)	88.4853	84.9706	106.527	107.113	87.799	85.5563	95.8995
perimeter(290)	92.9706	85.5563	96.2843	112.284	79.8995	83.3137	102.142
perimeter(291)	102.627	86.1421	104.284	108.87	87.799	86.1421	98.7279
perimeter(292)	93.5563	83.3137	104.284	112.87	88.3848	89.5563	98.1421
perimeter(293)	92.3848	90.7279	101.456	113.456	92.3848	90.1421	104.385
perimeter(294)	92.3848	86.7279	104.87	110.627	95.799	86.7279	98.1421
perimeter(295)	97.4558	77.0711	105.456	100.385	91.799	94.1421	98.1421
perimeter(296)	93.4558	84.9706	101.456	106.042	99.2132	93.5563	104.971
perimeter(297)	96.8701	81.5563	91.2132	107.698	98.6274	94.1421	102.142
perimeter(298)	97.4558	81.5563	94.6274	106.042	100.385	94.7279	99.8995
perimeter(299)	91.799	71.8995	99.2132	99.799	101.556	94.1421	101.556
perimeter(300)	94.0416	70.1421	98.6274	98.1421	91.8995	98.1421	104.971
perimeter(301)	100.284	74.1421		100.385	94.7279	96.3848	
perimeter(302)	93.4558	75.3137		106.627	77.5563	91.8995	
perimeter(303)	99.1127	82.1421		106.042	77.5563	92.4853	
perimeter(304)	94.6274	84.9706		109.456	81.5563	96.9706	
perimeter(305)	98.6274	84.9706		103.799	88.3848	91.8995	
perimeter(306)	98.0416	90.6274		106.627	85.5563	90.7279	
perimeter(307)	98.0416	86.7279		103.799		82.1421	
perimeter(308)	96.2843	84.9706		120.284		92.3848	
perimeter(309)	103.113	82.1421		107.213		99.799	
perimeter(310)	99.1127	88.3848				94.6274	
perimeter(311)	105.941	78.7279		114.627		70.7279	
perimeter(312)	96.8701	90.0416		101.456	92.3848	84.9706	
perimeter(313)	103.698	87.799		107.799	92.9706	85.5563	
perimeter(314)	94.6274	87.2132	100.385	111.213	89.5563	90.1421	97.5563
perimeter(315)	95.799	87.799	99.799	108.385	95.2132	83.3137	96.3848
perimeter(316)	92.3848	85.5563	94.7279	108.385	95.2132	96.3848	98.6274
perimeter(317)	97.5563	82.7279	94.7279	102.142	99.2132	84.4853	103.698
perimeter(318)	94.1421	86.1421	95.3137	108.385	98.0416	96.3848	100.284
perimeter(319)	99.799	82.1421	98.1421	114.042	99.6985	96.9706	101.456
perimeter(320)	102.627	83.3137	88.4853	119.113	101.456	95.3137	102.042
perimeter(321)	96.3848	82.7279	91.8995	114.527	94.0416	95.8995	104.87
perimeter(322)	93.5563	82.7279		113.456	98.0416	97.5563	
perimeter(323)	104.385	86.1421	91.3137	111.799	100.87	94.7279	105.456
perimeter(324)	92.3848	81.5563	94.1421	107.799	104.284	94.7279	104.87
perimeter(325)	88.9706	88.3848	98.7279	109.456	97.4558	95.2132	105.456
perimeter(326)	74.1421	89.4558	100.385	107.213	98.0416	94.6274	105.456
perimeter(327)	74.1421	87.2132	96.3848	110.042	98.6274	98.0416	99.6985
perimeter(328)	87.799	86.6274	100.971	105.456	94.6274	95.2132	83.799
perimeter(329)	87.799	84.3848	99.799	117.456	98.6274	90.0416	83.2132
perimeter(330)	107.698	86.6274	93.5563	107.213	95.2132	95.799	91.2132
perimeter(331)	95.2132	83.799	103.799	105.456	98.6274	98.0416	98.6274
perimeter(332)	99.6985	92.2843		108.87	95.2132	96.3848	
perimeter(333)	108.284	85.4558	98.6274	103.213	98.6274	102.042	82.7279
perimeter(334)	92.3848	86.0416	99.799	98.1421	95.799	95.799	91.799
perimeter(335)	99.6985	88.8701	99.2132	104.385	99.799	93.5563	88.3848
perimeter(336)	77.5563	85.4558	102.627	103.799	94.1421	90.1421	91.799
perimeter(337)	81.5563	89.4558	103.213	113.456	100.971	100.971	91.2132
perimeter(338)	95.2132	91.2132		104.284	87.3137	93.5563	

perimeter(339)	88.3848	90.0416	102.042	117.355	90.7279	96.9706	101.456
perimeter(340)	91.799	87.799	105.456	108.284	92.9706	103.799	95.2132
perimeter(341)	94.6274	87.2132	97.4558	114.527	90.1421	98.6274	97.4558
perimeter(342)	95.799	76.9706	100.87	111.113	92.4853	100.385	104.284
perimeter(343)	94.6274	70.1421	107.113	110.042	95.799	95.799	95.799
perimeter(344)	95.2132	76.9706	100.284	108.87	95.799	95.799	102.042
perimeter(345)	95.799	74.7279	97.4558	115.113	97.5563	91.2132	102.042
perimeter(346)	97.4558	81.5563	100.284	105.456	100.385	97.5563	98.6274
perimeter(347)	96.8701	84.3848	103.113	110.042	102.627	95.2132	102.627
perimeter(348)	96.2843	83.799	100.87	106.627	103.213	94.6274	98.6274
perimeter(349)	97.4558	83.799	100.284	106.042	102.042	98.0416	102.042
perimeter(350)	93.4558	87.2132	105.941	106.627	94.6274	94.0416	107.698
perimeter(351)	98.6274	83.799	104.284	107.213	100.87	94.6274	101.456
perimeter(352)	95.799	88.8701	98.6274	104.971	100.284	91.799	102.042
perimeter(353)	95.2132	83.2132	95.799	107.799	107.113	101.456	102.042
perimeter(354)	100.87	87.799	91.799	104.971	98.6274	97.4558	98.6274
perimeter(355)	100.284	88.3848	96.3848	109.456	100.87	100.87	107.698
perimeter(356)	95.799	82.7279	92.9706	104.385	96.8701	100.284	102.627
perimeter(357)	92.9706	86.1421	93.5563	106.627	104.284	96.8701	104.284
perimeter(358)	90.7279	86.7279	91.3137	106.627	99.6985	98.6274	98.0416
perimeter(359)	93.5563	80.4853	85.6569	107.213	98.0416	84.9706	100.87
spine_length(0)	36.4627	34.2784	40.7494	40.1721	39.1229	31.5128	28.5825
spine_length(1)	31.945	33.5073	39.164	38.8946	34.4942	34.2178	29.9937
spine_length(2)	36.5424	33.8068	39.84	39.4782	37.6059	35.8112	30.4057
spine_length(3)	34.807	34.5161	42.1688	34.4167	39.304	34.9414	29.1749
spine_length(4)	28.4323	32.6409	39.701	38.7093	40.5581	34.8217	32.0725
spine_length(5)	33.181	34.8832	40.2588	40.3601	40.1706	34.3025	30.9442
spine_length(6)	34.8256	35.0033	39.1715	41.7552	40.1265	35.4147	31.7859
spine_length(7)	38.3644	34.211	39.5517	40.7592	38.6837	32.1265	31.5834
spine_length(8)	39.6913	34.8828	39.2203	42.9795	41.1581	31.8794	32.4915
spine_length(9)	39.2694	33.2608	40.3911	40.4601	40.6658	35.346	32.8115
spine_length(10)	36.1286	32.1918	40.8123	40.9867	37.968	35.5486	32.0671
spine_length(11)	38.4739	35.021	39.3167	40.9111	40.053	33.0227	33.7455
spine_length(12)	38.8685	34.2518	40.5774	38.1872	41.8307	36.6815	30.3201
spine_length(13)	38.2765	36.9962	41.0524	42.3272	38.9552	36.0231	32.3941
spine_length(14)	35.5574	34.7194	38.0868	41.4147	42.6879	34.3039	33.9646
spine_length(15)	36.4695	34.9639	35.9064	38.0581	37.768	36.2796	32.6238
spine_length(16)	38.7061	32.8144	32.4276	43.3979	39.278	29.6662	31.701
spine_length(17)	37.394	35.6371	34.1965	40.7058	35.8668	34.3594	32.3642
spine_length(18)	38.0953	35.8042	37.8121	43.6439	37.6628	37.1943	32.9824
spine_length(19)	34.221	33.2868	36.3807	38.8102	37.9458	37.0246	33.0372
spine_length(20)	24.239	37.3797	38.0047	41.3414	40.6906	38.9623	33.8411
spine_length(21)	22.522	35.9877	38.298	41.8592	39.8639	37.9282	33.1947
spine_length(22)	34.0657	32.2544	37.0599	40.6889	41.4223	36.7107	34.0638
spine_length(23)	33.2461	35.9453	40.6749	37.8707	39.9332	38.0134	32.8827
spine_length(24)	33.0037	33.1496	39.5522	40.8621	39.6479	38.8842	33.7337
spine_length(25)	32.5156	38.0495	40.8447	40.9332	40.5022	40.7149	34.3105
spine_length(26)	32.5156	38.0495	40.8447	40.9332	40.5022	40.7149	34.3105
spine_length(27)	36.4236	34.393	38.1687	41.4393	40.0101	37.3009	33.3023
spine_length(28)	35.9634	34.4739	39.0129	43.6975	39.2086	31.0037	34.994

spine_length(29)	34.572	36.1072	37.9537	42.2375	39.8247	30.0395	34.5995
spine_length(30)	27.9236	36.8407	39.7189	43.4686	40.2947	33.8253	35.1342
spine_length(31)	29.2665	35.5498	41.9273	41.597	39.1795	37.034	35.4683
spine_length(32)	33.2521	35.3787	38.2078	40.586	39.6673	36.7978	34.9723
spine_length(33)			40.3628	39.9196	39.26	37.2819	35.4986
spine_length(34)			39.6948	41.0679	36.0161	36.975	37.3417
spine_length(35)			38.1122	39.6124	38.938	33.9395	34.0238
spine_length(36)			40.499	40.4646	35.486	36.3261	35.4454
spine_length(37)			40.1465	39.5653	36.5055	36.9944	37.1091
spine_length(38)			37.817	36.6855	37.0051	32.3649	31.6788
spine_length(39)			39.2057	38.2613	38.9586	33.1316	33.2118
spine_length(40)	27.0731	36.6862	40.5095	40.054	42.0512	33.2613	35.3038
spine_length(41)	31.4261	36.1575	39.1307	41.016	40.2168	31.4451	39.5561
spine_length(42)	31.1723	37.677	40.0875	41.5427	39.6774	32.8849	41.7994
spine_length(43)	31.9433	34.917	39.0434	42.7931	39.7133	22.7711	38.546
spine_length(44)	34.5955	34.3866	37.6888	39.8926	39.7199	22.7891	39.2211
spine_length(45)	35.362	35.6658	38.1588	38.9493	40.2861	24.6062	36.423
spine_length(46)	37.5153	35.8756	40.7782	37.4103	37.2948	26.6569	30.8243
spine_length(47)	37.449	35.6071	34.5604	41.2441	39.6891	27.6269	32.9209
spine_length(48)	37.0761	34.5968	34.9319	41.2286	37.4732	28.1025	35.4627
spine_length(49)	36.5188	34.4058	39.2237	39.9012	37.7213	32.2014	37.5006
spine_length(50)	37.6071	35.8721	38.4359	40.1988	37.2041	34.4737	37.7236
spine_length(51)	35.101	31.7653	39.3292	39.999	37.3462	35.0919	38.4945
spine_length(52)	31.8331	32.9459	37.5522	34.9316	40.4576	35.4195	37.5516
spine_length(53)	34.092	31.4921	38.0612	37.2875	38.1251	34.0298	37.3092
spine_length(54)	38.0472	32.8328	33.0349	36.6705	37.7676	37.8365	37.3047
spine_length(55)	35.1886	32.9101	34.6688	36.7351	38.1812	37.5928	39.0835
spine_length(56)	37.431	33.3823	34.9942	39.769	39.9822	36.3849	39.9461
spine_length(57)	38.4208	36.6077	39.5555	38.3581	39.1912	39.1279	35.6921
spine_length(58)	36.1633	34.4139	36.8932	37.7799	41.8611	38.5507	36.8824
spine_length(59)	35.9324	33.956	38.7826	36.7179	38.5083	38.347	31.557
spine_length(60)	41.4575	35.7226	38.0468	36.7121	38.8699	40.349	33.2213
spine_length(61)	43.942	33.3045	38.1138	34.9585	38.6632	39.7683	36.7037
spine_length(62)	37.9581	31.396	40.2073	36.4045	31.3071	36.4425	34.6645
spine_length(63)	40.1943	30.8749	40.1947	33.6127	34.5396	39.4701	35.7975
spine_length(64)	38.6026	33.0435	39.6887	35.0959	35.9574	31.5383	33.9852
spine_length(65)	40.7274	28.0175	41.0575	36.6489	28.4802	37.6124	35.0918
spine_length(66)	42.8995	30.6109	35.7367	37.0246	33.8955	39.7225	35.4515
spine_length(67)	41.5097	33.8246	36.4397	35.0985	36.5317	36.9807	36.0068
spine_length(68)	41.7354	35.8433	40.1021	37.955	39.1732	38.9947	38.6925
spine_length(69)	37.6296	30.8489	39.47	36.1557	39.2785	37.5054	37.3063
spine_length(70)	36.8039	30.8529	40.4628	38.3976	30.8832	39.2505	35.6844
spine_length(71)	39.2743	32.9066	39.7904	41.5103	34.8854	36.1987	38.4274
spine_length(72)	39.2047	30.3127	39.4833	35.9461	31.9845	27.0263	36.8502
spine_length(73)	34.0673	32.8915	33.8674	39.8006	34.0251	28.7708	32.2471
spine_length(74)	34.6858	31.5248	38.3541	37.3902	36.1212	32.7755	23.2773
spine_length(75)	31.1301	30.9199	38.5386	38.2445	37.6416	35.087	25.5086
spine_length(76)	24.8294	32.7271	40.0762	38.6187	39.4754	37.9685	27.809
spine_length(77)	30.4678	33.8206	39.712	38.1066	38.8725	38.9564	30.1363
spine_length(78)	35.5126	34.3795	39.3039	37.6215	38.8895	38.807	33.6176

spine_length(79)	34.1635	33.345	39.2309	37.9369	40.0083	39.6949	32.3312
spine_length(80)	32.6887	35.36	38.6511	39.7646	37.9827	42.9857	34.3331
spine_length(81)	35.2677	32.4231	38.6488	40.3618	38.9343	40.7078	37.3935
spine_length(82)	33.9756	35.2865	40.8908	39.5751	40.9936	40.4172	33.0452
spine_length(83)	35.2987	33.3122	40.4087	44.2704	40.159	42.3548	27.5728
spine_length(84)	35.9935	35.4774	40.5201	37.3406	39.43	42.2378	32.8993
spine_length(85)	35.286	33.588	36.5687	40.1455	37.9373	41.7458	33.7569
spine_length(86)	37.6123	36.0159	38.8982	37.0023	40.025	42.3859	34.8337
spine_length(87)	36.3758	36.8843	36.9262	40.5294	41.0196	37.4844	35.8867
spine_length(88)			40.2917	40.1296	36.751	42.6538	33.9243
spine_length(89)			40.3784	38.8855	41.4089	42.8002	35.895
spine_length(90)			37.3218	40.6393	38.78	40.7906	38.1231
spine_length(91)			39.6403	38.3004	28.3654	41.1607	39.9881
spine_length(92)			37.7303	41.223	34.0245	40.3576	40.2144
spine_length(93)			35.2571	39.6016	35.5274	39.6913	40.5911
spine_length(94)			36.6548	39.1847	38.6231	43.8845	39.9983
spine_length(95)			36.952	38.255	37.9328	36.7208	36.821
spine_length(96)	39.0553	36.395	40.3166	37.9019	36.5934	34.0317	38.3309
spine_length(97)	36.0319	33.5827	39.8755		33.7366		40.0221
spine_length(98)	38.657	34.4655	40.5461		37.6204		35.8539
spine_length(99)	38.6546	33.3843	38.9856	35.7744	36.6312	32.4187	36.7257
spine_length(100)	37.4293	32.9511	38.6468	39.7458	37.2004	35.6153	23.8898
spine_length(101)	37.7775	35.3689	38.7126	39.8422	38.7517	34.876	22.6856
spine_length(102)	35.416	33.1035	38.1827	38.4351	39.4242	36.3333	24.5073
spine_length(103)	36.5505	33.4378	40.9367	39.0614	38.6186	35.2375	33.2673
spine_length(104)	37.5283	35.1976	38.5398		39.9219		34.6257
spine_length(105)	37.1953	35.3797	37.6723	36.9956	38.7311	35.8433	34.3805
spine_length(106)	36.4014	32.5482	38.6374	37.0714	38.9668	37.8689	36.6357
spine_length(107)	37.6907	33.8686	38.4982	38.4794	38.0008		37.4134
spine_length(108)	38.4664	35.5536	37.1455	39.8726	35.5683	37.6112	33.9529
spine_length(109)	36.2251	29.329	36.9451	36.8714	39.365	36.323	31.783
spine_length(110)	38.8186	29.871	37.8557	40.9186	34.6708	36.8204	35.5582
spine_length(111)	37.6472	29.9727	38.7359	38.7049	35.8945	40.3328	39.5006
spine_length(112)	36.1422	31.9867	36.8813	40.4967	39.7125	37.3188	41.3494
spine_length(113)	38.4771	31.8153	38.4945	38.8266	42.148	40.4736	34.2131
spine_length(114)	39.9614	32.0093	37.1248	37.2129	41.4803	36.3681	28.8558
spine_length(115)	35.6907	33.9565	32.6456	39.9751	40.1402	36.7817	32.4014
spine_length(116)	38.7078	34.0564	35.2239	38.1725	29.1074	36.5639	36.9079
spine_length(117)	39.709	31.8081	36.7256	39.9027	32.452	37.911	39.2544
spine_length(118)	35.0522	34.9649	37.5587	39.2036	35.2409	38.7997	39.2789
spine_length(119)	38.88	35.1336	39.4719	38.6494	27.0459	37.5552	31.3907
spine_length(120)	39.2518	33.6068	37.6547	41.8126	34.2474	39.1259	31.983
spine_length(121)	36.7001	33.654	39.1339	39.8976	32.6044	38.1149	37.5949
spine_length(122)	38.824	36.0376		42.1066	38.0546	37.4281	34.0837
spine_length(123)	41.9645	35.012	23.5536	37.5014	38.3231	36.7396	33.6992
spine_length(124)	37.9309	34.0571	36.9655	40.3133	37.7247	36.9386	35.6469
spine_length(125)	37.502	36.233	39.2626	40.0892	40.5082	33.0743	34.1751
spine_length(126)	39.0505	36.748	36.7499	40.6596	38.894	37.5738	25.2065
spine_length(127)	34.8428	34.0726	38.5288	39.8434	40.3475	38.5854	25.4218
spine_length(128)	28.2443	35.9254	38.2275	41.869	39.2325	32.1661	34.2022

spine_length(129)	24.8774	36.8957	37.3486	40.8136	39.8068	31.7537	34.8172
spine_length(130)	30.023	32.2071	33.8516	38.6284	39.0813	30.4899	37.8381
spine_length(131)	30.864	33.4647	28.876	40.7154	41.268	33.8417	39.018
spine_length(132)	34.6023	32.4761	34.4145	41.3321	39.0741	32.8642	41.343
spine_length(133)	35.1525	31.8687	37.0477	39.0866	42.5785	22.2202	41.8856
spine_length(134)	34.1265	36.4899	35.8199	39.706	40.2981	36.1398	40.9056
spine_length(135)	34.2651	36.0447	35.9271	39.2356	36.5721	34.6974	42.4491
spine_length(136)	34.9167	30.4512	37.2213	40.2821	34.8404	35.9928	39.7579
spine_length(137)	34.7137	34.729	37.7944	39.1071	37.2088	36.8926	42.6514
spine_length(138)	36.7454	33.9444	38.1308	40.7053	40.5281	31.9826	41.3281
spine_length(139)	37.2355	33.1032	37.3221	39.1064	36.2433	35.1415	41.6103
spine_length(140)	36.7943	39.0347	37.0606	41.7019	39.693	35.0937	42.7234
spine_length(141)	35.8806	29.7412	39.3667	39.8005	38.7774	36.9104	42.313
spine_length(142)	39.4468	33.7032	38.3879	39.8604	40.0304	37.6739	42.2874
spine_length(143)	35.8295	35.4977	38.536	42.2561	41.1061	37.5162	42.4303
spine_length(144)	39.4336	30.2686	36.561	41.6302	35.464	38.8836	40.2803
spine_length(145)	37.6416	36.1359	39.0963	38.3728	36.8948	34.5191	40.9695
spine_length(146)	37.9765	35.4248	39.0451	40.2051	32.377	39.0088	41.6386
spine_length(147)	36.715	31.6518	40.3227	41.2025	23.5613	37.3161	41.8821
spine_length(148)	39.7233	34.8529	39.8702	40.9391	29.628	38.6544	37.1195
spine_length(149)	39.2253	30.7481	34.997	40.0507	33.0409	37.5371	40.6697
spine_length(150)	37.3617	32.6835	35.4518	38.6142	35.5283	38.3592	39.6169
spine_length(151)	35.4122	34.7541	37.7838	38.3667	34.088	39.6847	36.2371
spine_length(152)	36.9807	34.7782	36.1056	37.8528	38.3711	38.4326	40.5619
spine_length(153)	34.3004	34.7813	30.6578	38.8453	37.0753	38.7318	41.4039
spine_length(154)	23.7329	31.6188	28.7908	37.2842	36.8283	35.79	36.5804
spine_length(155)	27.5141	33.9456	32.6089	39.1774	38.8033	40.4148	38.1972
spine_length(156)	26.3507	33.0466	32.5702	38.1779	38.3577	38.5035	30.6786
spine_length(157)	27.5713	34.6684	34.0318	39.052	39.5272	39.1235	30.5003
spine_length(158)	29.2315	31.8545	34.6646	34.0914	37.2698	37.2188	35.8771
spine_length(159)	31.7702	36.4581	37.7579	37.4883	38.6473	38.7935	38.7909
spine_length(160)	31.3704	37.1128	37.8973	40.2885	39.7042	35.6511	41.2195
spine_length(161)	33.0729	30.9371	41.8859	39.4807	40.1323	40.4592	34.6766
spine_length(162)	33.3097	30.7438	36.8626	40.2207	37.1487	41.9179	27.9144
spine_length(163)	33.1667	31.8461	38.5628	39.5542	41.3459	37.1493	29.5051
spine_length(164)	32.8468	28.1868	38.6005	39.3849	40.0125	37.0842	29.7443
spine_length(165)	34.2146	27.4813	36.9282	39.2203	39.1254	38.3087	31.5067
spine_length(166)	35.6801	27.6166	41.0061	40.6679	40.8807	37.0171	31.563
spine_length(167)	34.7886	29.3136	36.5828	41.649	40.1017		32.34
spine_length(168)	36.6108	31.8886	39.394	42.1702	40.9612	39.0498	34.4747
spine_length(169)	35.2356	33.2166	38.1812	41.2866	38.7265	33.1264	33.7925
spine_length(170)	36.8153	32.3157	38.1827	39.1258	40.4406	40.0306	38.0048
spine_length(171)	38.8415	32.677	38.5357	41.3086	39.2967	40.2827	35.5342
spine_length(172)	38.208	32.6944	36.5577	40.8205	39.8047	38.1597	35.93
spine_length(173)	36.5655	31.4206	38.8205	41.5037	34.9054	38.6143	34.4086
spine_length(174)	38.9905	32.6904	39.1703	39.2259	39.9481	41.3873	35.8167
spine_length(175)	38.2115	33.3235	39.404	41.9975	37.0062	36.9123	36.6983
spine_length(176)	38.0273	34.1665	35.7544	39.1991	39.392	39.5674	36.623
spine_length(177)	38.182	33.257	37.1878	42.1727	39.2939	35.6948	36.71
spine_length(178)	39.0904	34.6211	34.7021	41.7513	40.6188	39.7574	38.0229

spine_length(179)	40.3761	32.7526	38.3731	40.3867	38.4421	39.8267	36.0785
spine_length(180)	31.7287	33.0537	40.3393	42.0768	38.6926	36.7221	33.8318
spine_length(181)	28.2144	32.4808	36.4557	41.5526	41.0792	39.6271	35.3455
spine_length(182)	31.3906	35.7576	36.9575	42.2483	37.0475	39.9706	37.7276
spine_length(183)	31.8762	32.103	39.1634	39.668	39.9368	36.5332	36.1581
spine_length(184)	35.0904	34.2973	37.557	42.3342	39.9773	39.7078	33.2386
spine_length(185)	34.0364	35.8807	39.272	42.1902	40.1395	39.2702	31.559
spine_length(186)			39.0586	40.9828	40.6719	39.7368	35.4543
spine_length(187)			39.8494	42.8163	39.6322	40.2904	33.0063
spine_length(188)			38.8505	41.2574	37.4563	36.7229	23.6187
spine_length(189)	34.3574	35.7122	41.8061	41.6473	38.4983	40.6508	19.7532
spine_length(190)	33.5354	33.2441	38.6213	41.786	38.4754	39.0008	22.9112
spine_length(191)	33.1505	32.8814	40.1564	40.9813	34.2314	38.9636	28.3758
spine_length(192)	34.5461	35.7785	35.8848	41.4994	32.5537	34.5158	33.4652
spine_length(193)	33.5731	31.9753	39.0734	42.3118	30.2646	39.1869	36.4444
spine_length(194)	35.4195	35.5317	39.9423	40.7679	33.3925	33.9705	35.2106
spine_length(195)	31.7563	31.7004	35.7665	41.8461	34.4057	36.4992	38.8346
spine_length(196)	34.9565	33.2329	37.0098	42.9518	36.8207	35.0572	37.416
spine_length(197)	35.6203	32.2687	37.744	44.0824	39.2269	24.2726	37.2036
spine_length(198)	37.7312	33.0084	39.1757	44.4975	37.4026	28.0676	30.9542
spine_length(199)	34.7722	35.8313	40.1152	44.6024	39.452	33.4617	22.6608
spine_length(200)	38.8055	32.1262	35.0041	42.201	37.8148	37.3171	27.7636
spine_length(201)	40.4768	33.4731	29.1327	43.4512	39.6455	38.09	32.9655
spine_length(202)	37.7357	31.4016	31.9266	43.9975	38.7631	39.8216	31.648
spine_length(203)	40.2364	35.1434	33.8295	41.0713	40.1541	40.2365	34.6846
spine_length(204)	35.1033	31.8456	33.8816	39.6724	39.4924	37.475	39.2079
spine_length(205)	37.6369	33.3297	37.4973	42.0514	37.4328	38.413	31.4773
spine_length(206)	37.5663	33.2307	38.1222	41.1015	40.0604	41.1636	26.4591
spine_length(207)	38.2377	31.3259	36.868	44.7894	39.3552	34.2568	36.5015
spine_length(208)	37.9989	32.4987	38.935	42.1929	38.6001	38.0262	35.1955
spine_length(209)	35.0511	30.9976	36.1949	40.8404	39.7528		38.199
spine_length(210)	24.8351	32.7893	39.3172	43.6941	38.4965	37.6979	39.3494
spine_length(211)	24.0186	34.7396	39.1634	42.3644	38.9517	35.4869	42.1342
spine_length(212)	26.5453	32.9295	39.0814	44.219	39.4971	30.233	41.7551
spine_length(213)	31.2339	30.7042	37.0427	42.4064	40.2652	32.4627	41.5161
spine_length(214)	32.7838	29.6786	39.0969	44.3201	40.0623	33.3794	40.9724
spine_length(215)	34.2765	27.1709	37.2912	41.1237	35.2809	32.7511	40.3036
spine_length(216)	31.6729	27.1206	40.2253	42.6563	39.4289	28.4527	41.0618
spine_length(217)	32.3644	29.9405	36.1377	40.8099	40.8165	29.6436	38.3332
spine_length(218)	33.3553	31.6619	39.2062	31.3668	40.6539	31.5492	40.9048
spine_length(219)	35.6414	27.63	38.6044	38.7641	40.024	31.4864	39.419
spine_length(220)	35.0597	26.9963	37.7778	36.6459	38.8201	30.2533	40.1465
spine_length(221)	35.3023	30.1541	40.474	38.933	42.5662	32.7916	42.111
spine_length(222)	36.6637	32.2543	37.9857	38.0391	33.6295	24.1227	41.816
spine_length(223)	36.566	33.892	38.371	41.3153	36.3477	33.2729	38.5516
spine_length(224)	39.4383	33.0413	39.5308	39.5244	39.7529	32.5306	43.4457
spine_length(225)	35.3808	32.6832	38.5808	37.5268	35.6914	34.5482	41.0694
spine_length(226)	37.9995	34.9723	40.4957	39.9887	38.9436	35.505	34.9188
spine_length(227)	35.9341	35.0398	41.2021	39.383	40.264	34.0518	34.3592
spine_length(228)	37.4509	32.7934	37.1977	40.018	39.641	36.1538	36.3104

spine_length(229)	39.0867	33.1933	39.1976	40.1966	40.1924	37.5803	36.5323
spine_length(230)	39.1285	35.3514	39.6137	42.8351	41.8352	37.1651	37.9968
spine_length(231)	40.7808	35.3867	38.2615	41.0264	37.4979	36.094	38.4736
spine_length(232)	38.0548	34.9918	40.3307	41.9679	39.9881	33.3979	39.9647
spine_length(233)	37.2836	35.2427	41.0018	40.8091	38.2092	31.2933	39.0917
spine_length(234)	35.3277	34.7719	35.849	45.7773	40.521	35.7718	38.6223
spine_length(235)	38.3883	34.935	36.2006	41.8825	39.3184	33.7977	39.3021
spine_length(236)	39.8114	35.8298	35.7121	42.0567	38.9193	35.1843	38.8199
spine_length(237)	38.8286	31.8983	37.0161	40.8206	40.9199	32.2796	40.1746
spine_length(238)	39.0067	35.8317	37.8061	43.6473	38.4749	33.2821	40.0972
spine_length(239)	37.7887	34.4923	39.5278	42.9662	39.9466	32.6743	39.3978
spine_length(240)	38.4357	33.3896	36.886	41.7912	39.6	22.1244	40.9103
spine_length(241)	39.2916	34.5951	38.8471	39.1935	40.1769	30.8894	40.3556
spine_length(242)	37.1212	32.5877	40.0033	42.0322	38.5063	29.5245	40.3844
spine_length(243)	39.88	34.9952	38.4704	45.7248	42.0306	33.6373	40.8285
spine_length(244)	36.2681	33.6132	28.8006	43.0426	38.8772	33.1131	41.4989
spine_length(245)	37.8369	34.6614	28.1463	42.7966	39.7862	33.6878	38.8295
spine_length(246)	35.9917	34.5843	33.7651	44.4043	39.295	33.8037	41.9697
spine_length(247)	40.0722	32.1618	36.3913	44.6179	39.7149	34.7652	39.9591
spine_length(248)	39.0082	34.8995	39.5976	43.5194	33.9186	35.9546	42.2782
spine_length(249)	38.1722	34.6049	41.0201	45.406	35.6534	37.0298	41.5348
spine_length(250)	36.5934	32.303	41.9195	45.1595	36.7872	36.5882	38.8091
spine_length(251)	40.7031	34.979	41.5193	43.668	32.3646	38.371	39.8567
spine_length(252)	35.4351	35.8079	39.7067	43.0551	36.1295	36.5847	41.4563
spine_length(253)	36.2843	34.2136	29.9754	41.123	38.8622	40.1441	41.3528
spine_length(254)	36.9272	33.9615	26.2897	44.1737	40.2589	34.429	40.6076
spine_length(255)	35.669	35.1809	31.8678	45.4074	43.1291	37.6432	43.131
spine_length(256)	36.6332	34.9591	33.4763	41.826	39.8735	35.7772	42.8594
spine_length(257)	40.2082	31.6691	38.0906	42.6027	39.4109	39.8259	41.8221
spine_length(258)	35.1238	34.6794	38.6563	42.5424	40.7483	40.1181	40.1241
spine_length(259)	39.2338	36.6104	38.4591	41.1529	40.0926	35.6385	41.5472
spine_length(260)	40.0725	34.1235	40.4792	45.3338	43.4634	41.7907	41.6583
spine_length(261)	37.4604	37.007	39.9577	40.4145	39.1215	39.6488	42.468
spine_length(262)	38.575	34.506	36.6545	38.9089	39.9182	39.1338	41.2158
spine_length(263)	36.4499	36.9128	40.1279	44.1669	37.8289	42.1868	41.6264
spine_length(264)	38.0147	32.2153	38.2641	46.3832	39.7578	39.0229	38.535
spine_length(265)	37.886	34.1978	38.6622	42.5578	32.0228	39.779	41.6695
spine_length(266)	37.2419	30.9535	38.8816	36.6888	39.7681	41.086	41.2564
spine_length(267)	37.2751	33.5145	39.1692	32.4736	39.3433	37.6943	42.4535
spine_length(268)	35.0949	35.6158	37.9199	36.8156	42.0012	40.4249	43.7347
spine_length(269)	38.1568	34.1808	41.0673	40.6533	42.6458	40.4681	38.3134
spine_length(270)	36.274	34.1838	38.4271	42.2622	41.0241	38.1803	41.4461
spine_length(271)	36.5261	37.6194	37.7099	42.5991	39.7034	41.7881	40.5592
spine_length(272)	35.8188	31.7132	38.7823	45.0992	42.4158	42.1606	39.1556
spine_length(273)	38.1468	34.5191	41.2807	43.6268	39.9417	37.1972	42.2944
spine_length(274)	36.7615	36.4791	37.7491	43.3973	24.6556	41.5702	40.5193
spine_length(275)	35.0884	36.4914	40.8911	41.6914	30.0797	37.6745	42.8853
spine_length(276)	39.8348	32.6446	40.0911	43.2102	35.36	40.7408	42.913
spine_length(277)	39.9447	33.8132	40.4692	41.9651	35.5888	43.452	37.972
spine_length(278)	37.3543	34.2526	39.4413	42.8123	35.8488	37.9832	40.0005

spine_length(279)	36.7377	33.8275	40.9028	42.6049	39.4905	38.4308	40.4932
spine_length(280)	36.3291	35.6078	40.7639	42.5252	42.1135	38.0536	42.0506
spine_length(281)	36.7626	37.4475	38.725	44.2056	40.1553	36.5114	39.8602
spine_length(282)	39.0068	35.8443	38.9039	44.5283	42.1463	31.8308	36.2288
spine_length(283)	34.4524	33.8357	39.7704	41.7166	39.0188	32.4669	35.9342
spine_length(284)	36.7478		38.1541	43.6439		34.7925	38.8793
spine_length(285)	38.605		40.4156	39.9255		39.2514	38.8575
spine_length(286)	36.5358		39.8344	44.1865		39.6563	42.1049
spine_length(287)	37.0872		36.3718	43.6309		29.7983	42.3041
spine_length(288)	36.2023	35.0018	39.2157	39.2816	30.6867	27.1408	42.758
spine_length(289)	38.4056	33.4495	39.8966	40.7653	33.8296	33.4429	40.1772
spine_length(290)	35.3298	35.0414	36.9493	43.7786	31.1612	33.9549	42.6833
spine_length(291)	39.5877	34.9079	38.6404	44.5398	33.352	36.5778	40.1113
spine_length(292)	38.4578	33.4091	40.2032	44.6896	33.2793	37.2912	40.3065
spine_length(293)	36.3899	38.4187	39.2929	45.0052	36.3466	38.2655	42.4192
spine_length(294)	36.0061	35.8842	40.8427	44.096	38.3016	35.5267	40.2948
spine_length(295)	37.9923	31.1666	40.9668	39.7501	35.113	38.6336	40.6708
spine_length(296)	36.7527	34.6012	38.5222	41.3102	39.2699	37.9708	43.3056
spine_length(297)	35.7545	30.2869	33.4337	39.9335	38.6237	39.5101	42.6515
spine_length(298)	39.5488	31.003	36.4279	41.3711	41.4284	38.6332	42.9778
spine_length(299)	36.8354	28.42	38.7532	38.1084	41.3632	37.8236	39.0692
spine_length(300)	38.4647	25.1198	38.5605	40.8341	38.9843	41.6484	42.7906
spine_length(301)	39.5074	26.7925		40.8068	38.9794	38.6689	
spine_length(302)	36.1944	29.816		41.311	28.9878	39.6537	
spine_length(303)	38.4551	32.6867		39.4074	24.8756	38.9353	
spine_length(304)	38.0492	32.3938		42.1956	30.4014	40.6269	
spine_length(305)	40.1631	33.7169		40.3799	32.2367	40.7153	
spine_length(306)	39.3576	35.1289		42.6443	32.0304	35.6093	
spine_length(307)	38.9453	36.6093		39.7374		30.5039	
spine_length(308)	36.442	31.8167		47.3398		37.6076	
spine_length(309)	40.5977	32.2644		41.6045		39.3343	
spine_length(310)	37.8636	34.8736				34.2189	
spine_length(311)	40.5	32.4171		43.8872		22.5539	
spine_length(312)	37.5853	34.9811		36.2106	35.3288	31.9393	
spine_length(313)	41.1526	35.2258		41.8702	36.1123	33.2301	
spine_length(314)	38.6073	34.5201	39.0273	45.9881	35.6401	36.1414	39.7652
spine_length(315)	39.286	34.9101	39.2138	44.8338	37.8382	32.5816	39.1488
spine_length(316)	37.929	34.3261	37.7892	42.8492	38.4095	37.7442	38.5944
spine_length(317)	42.228	33.2455	37.9457	42.7443	39.6558	35.4232	40.3477
spine_length(318)	39.8445	34.3078	39.3484	44.8613	39.0564	39.5767	39.187
spine_length(319)	40.0812	33.7892	40.7897	43.9926	38.5067	38.4777	39.2073
spine_length(320)	39.0116	35.134	34.9112	43.945	41.0107	40.7245	40.1988
spine_length(321)	39.1711	33.5854	39.1216	43.4942	38.1687	40.7214	40.9635
spine_length(322)	38.0044	33.721		45.0199	40.0763	41.3575	
spine_length(323)	41.1985	35.1861	36.5065	47.6748	40.2725	40.6365	39.1371
spine_length(324)	37.5435	31.9126	38.4853	43.2499	38.9265	38.9013	41.0674
spine_length(325)	33.5853	34.9742	41.4256	42.1371	39.0538	37.0563	40.6552
spine_length(326)	26.931	35.407	39.1569	41.8559	39.1351	39.3007	40.2882
spine_length(327)	24.2172	35.4489	38.2522	41.4014	40.6956	39.9782	38.3717
spine_length(328)	34.6141	35.3964	39.9759	41.82	37.4776	38.8359	32.0103

spine_length(329)	34.3259	33.6681	40.1267	44.4067	41.3834	34.0714	30.5262
spine_length(330)	38.5774	34.9	36.1	43.1233	36.8412	40.4955	34.8219
spine_length(331)	38.2644	33.5502	39.6683	42.2733	41.7075	38.9016	38.3577
spine_length(332)	37.8022	37.6662		43.4831	37.196	39.4725	
spine_length(333)	40.3356	33.919	38.0955	41.941	39.6784	39.38	29.5922
spine_length(334)	37.7319	33.9818	38.9905	41.1082	39.1814	39.6179	34.9081
spine_length(335)	37.7311	35.9975	40.4403	42.6755	41.8792	39.3039	33.5384
spine_length(336)	29.5603	33.3423	37.38	42.266	39.5874	37.4769	34.7721
spine_length(337)	30.7871	35.7874	41.245	46.3677	38.5738	42.2907	35.4247
spine_length(338)	34.5623	33.7357		41.67	36.2639	38.2287	
spine_length(339)	35.5948	35.2103	38.5682	41.5234	38.1512	40.5143	39.4665
spine_length(340)	37.6962	33.1088	42.3557	41.6079	38.8397	42.1137	37.5089
spine_length(341)	36.8966	34.0376	35.9561	41.8326	38.6177	39.8922	37.5524
spine_length(342)	38.2841	27.4253	39.8076	40.743	38.8605	40.6372	38.7535
spine_length(343)	37.255	23.885	42.0101	44.0496	37.0246	38.8424	37.478
spine_length(344)	37.5064	27.9425	36.4547	42.809	37.3993	38.9441	39.7344
spine_length(345)	38.4414	28.8947	38.1662	45.351	40.2402	34.0831	39.1069
spine_length(346)	38.525	31.4633	39.5589	41.4863	39.5995	38.3837	38.6465
spine_length(347)	37.4656	32.2739	39.8323	44.0572	41.4333	39.0467	38.9512
spine_length(348)	36.4409	34.2475	39.8075	42.6051	38.9014	37.5794	38.6609
spine_length(349)	38.2288	33.3059	35.8587	42.8017	39.8996	38.5143	39.3482
spine_length(350)	36.1444	34.1242	39.1814	42.9719	38.3141	35.1065	40.9433
spine_length(351)	38.8977	33.9546	39.3719	42.9964	40.6176	36.4183	39.7712
spine_length(352)	37.1935	33.1484	36.0029	43.3677	40.192	35.56	40.8309
spine_length(353)	37.2922	34.0464	38.2984	42.104	41.8522	39.7512	40.0441
spine_length(354)	37.8495	36.1992	35.4473	44.691	38.801	37.021	39.2381
spine_length(355)	39.4654	36.3054	38.1759	41.9166	39.7339	40.1016	41.7437
spine_length(356)	39.5417	33.7127	37.4107	41.9229	37.1438	39.4843	40.5095
spine_length(357)	38.0911	34.9461	39.1382	43.0153	41.6854	36.083	40.0176
spine_length(358)	37.2481	36.102	39.1574	42.5868	36.7806	39.0232	38.8421
spine_length(359)	38.8962	34.5657	36.353	44.7539	40.1922	32.1254	39.2923
bending(0)	139.899	180	147.773	197.753	140.435	111.136	180
bending(1)	143.623	180	180	180	128.828	115.555	180
bending(2)	108.432	180	166.826	180	141.224	159.55	180
bending(3)	124.382	188.549	155.881	201.039	155.67	147.538	180
bending(4)	224.675	180	143.396	220.119	167.899	137.498	143.473
bending(5)	234.838	180	161.859	205.102	173.782	180	168.745
bending(6)	237.503	180	180	184.169	169.252	218.816	180
bending(7)	231.775	180	180	180	170.695	180	180
bending(8)	219.997	180	197.647	180	168.191	112.393	164.259
bending(9)	216.87	180	188.772	180	160.812	110.487	152.561
bending(10)	222.168	180	180	190.222	180	125.203	160.25
bending(11)	208.167	180	180	191.809	180	130.832	155.276
bending(12)	210.485	180	180	184.395	180	180	136.15
bending(13)	180	180	180	180	180	216.729	180
bending(14)	197.146	180	248.233	180	180	294.148	180
bending(15)	274.498	180	54.2881	180	180	229.713	165.447
bending(16)	264.526	180	74.4632	160.812	180	202.62	150.625
bending(17)	242.797	180	77.3798	155.659	180	143.843	172.086
bending(18)	227.852	170.44	87.0496	172.086	246.767	145.799	170.549

bending(19)	239.209	180	79.1931	180	235.799	139.743	180
bending(20)	180	180	85.6626	180	222.363	148.857	180
bending(21)	91.3023	180	250.529	180	216.87	159.101	180
bending(22)	49.3389	180	239.308	160.863	226.596	227.014	172.567
bending(23)	70.1617	180	229.132	180	219.997	246.422	162.815
bending(24)	103.342	180	209.903	180	210.558	228.031	163.703
bending(25)	124.655	192.839	215.07	180	224.96	226.677	180
bending(26)	124.655	192.839	215.07	180	224.96	226.677	180
bending(27)	134.901	180	206.525	187.03	236.431	204.25	180
bending(28)	121.424	180	213.354	180	222.269	180	180
bending(29)	132.423	195.409	223.318	180	210.485	268.806	180
bending(30)	125.234	207.357	225.573	180	203.593	274.273	158.961
bending(31)	55.66	205.058	210.558	180	211.973	256.752	180
bending(32)	76.6576	216.87	221.124	180	210.257	253.872	180
bending(33)			199.75	180	201.657	218.305	180
bending(34)			180	180	188.277	191.003	142.428
bending(35)			180	180	180	129.442	123.794
bending(36)			180	180	203.657	144.341	117.28
bending(37)			180	180	237.036	147.714	121.966
bending(38)			180	162.062	219.571	180	180
bending(39)			180	180	205.842	266.724	214.56
bending(40)	297.486	152.734	180	180	180	281.293	204.459
bending(41)	280.476	180	180	180	180	279.687	184.289
bending(42)	257.731	180	180	180	180	267.953	180
bending(43)	234.315	180	191.612	180	180	223.762	180
bending(44)	220.717	180	126.472	180	180	262.163	180
bending(45)	229.319	164.641	152.734	180	154.692	286.077	205.474
bending(46)	211.332	170.125	167.472	180	120.95	257.291	244.897
bending(47)	200.899	143.886	170.125	180	141.477	290.742	285.484
bending(48)	180	154.942	81.7868	180	126.978	258.463	100.24
bending(49)	206.525	150.811	93.1847	180	102.025	266.014	112.885
bending(50)	180	153.675	95.0198	193.536	127.169	259.818	128.805
bending(51)	208.546	157.38	109.659	180	125.685	124.527	137.888
bending(52)	299.552	180	121	76.5066	122.987	130.303	135.666
bending(53)	293.465	152.204	148.703	72.1887	136.238	146.365	147.169
bending(54)	266.417	180	180	88.6517	132.148	140.721	180
bending(55)	259.959	187.402	260.233	89.3969	141.657	146.625	180
bending(56)	255.003	194.898	250.782	92.6748	149.442	180	167.583
bending(57)	237.316	189.305	130.542	98.8499	167.899	148.553	180
bending(58)	226.458	180	140.33	106.602	180	180	208.955
bending(59)	220.192	150.429	161.203	110.667	168.522	180	152.484
bending(60)	211.788	149.892	170.695	104.948	180	167.107	315.951
bending(61)	198.672	143.13	161.328	113.578	171.203	180	308.377
bending(62)	180	227.053	165.638	106.128	92.6454	180	299.254
bending(63)	193.536	245.133	180	111.501	101.079	186.379	301.966
bending(64)	180	239.162	198.195	105.484	105.921	126.009	281.444
bending(65)	180	127.515	195.03	98.6913	141.189	135.666	278.627
bending(66)	180	120	180	101.537	266.815	145.323	255.288
bending(67)	180	106.1	137.992	137.167	262.246	149.442	237.203
bending(68)	171.679	91.3643	154.898	129.77	232.708	150.276	250.275

bending(69)	173.446	106.165	171.228	137.167	214.56	170.389	245.301
bending(70)	180	120	171.451	122.457	240	180	217.918
bending(71)	180	145.44	168.635	129.611	218.213	180	218.315
bending(72)	180	131.385	180	180	99.8807	72.6853	225.633
bending(73)	88.7743	121.588	102.755	126.87	78.6718	55.1501	217.053
bending(74)	52.6388	135.976	77.4058	130.32	111.055	88.6357	301.424
bending(75)	145.654	133.004	236.346	135.278	131.279	241.106	287.92
bending(76)	83.4376	132.04	237.194	135.278	126.307	261.051	306.87
bending(77)	72.2301	130.32	229.598	148.703	138.59	245.307	289.471
bending(78)	148.414	125.98	213.354	149.626	131.022	221.268	278.457
bending(79)	85.7269	146.135	231.318	159.732	138.464	180	269.438
bending(80)	81.2594	147.893	221.154	162.353	150.276	180	245.968
bending(81)	87.0605	140.162	231.289	171.228	173.782	180	254.519
bending(82)	113.953	160.25	233.381	180	162.781	192.417	264.851
bending(83)	123.687	161.728	218.942	180	180	180	267.022
bending(84)	140.924	141.058	195.444	170.44	180	180	114.316
bending(85)	157.808	139.856	191.716	151.375	180	213.557	82.3377
bending(86)	157.569	164.975	202.109	180	180	204.422	67.2528
bending(87)	170.162	159.636	180	180	180	206.525	67.1146
bending(88)			180	164.777	180	180	100.807
bending(89)			196.099	180	180	189.987	253.665
bending(90)			196.099	180	161.427	188.772	220.836
bending(91)			199.75	180	86.1774	210.558	206.563
bending(92)			193.977	180	81.3731	190.748	210.558
bending(93)			121.668	164.105	83.0012	234.889	198.672
bending(94)			147.714	180	91.4325	225.069	205.102
bending(95)			155.67	180	103.183	180	232.802
bending(96)	162.47	253.698	180	180	124.066	90.955	235.084
bending(97)	180	230.931	163.501		112.355		235.15
bending(98)	180	213.354	180		123.367		205.256
bending(99)	180	180	180	116.179	150.89	132.745	217.511
bending(100)	180	196.668	180	132.46	155.75	143.506	220.601
bending(101)	165.706	180	180	143.13	170.931	156.025	271.592
bending(102)	146.443	180	180	142.136	180	165.638	301.189
bending(103)	144.684	196.099	180	139.333	180	151.757	314.536
bending(104)	149.154	180	180		167.546		300.852
bending(105)	168.635	180	107.172	130.875	180	185.232	278.213
bending(106)	163.184	151.045	99.2644	146.714	180	180	278.615
bending(107)	180	153.616	113.539	131.81	180		251.682
bending(108)	154.992	149.35	124.954	139.945	112.147	247.534	280.547
bending(109)	180	180	112.885	149.442	151.045	218.942	180
bending(110)	180	290.13	126.032	142.082	180	206.437	180
bending(111)	180	267.134	138.732	149.047	264.98	126.496	180
bending(112)	180	271.194	166.069	156.164	222.943	180	180
bending(113)	180	258.406	150.276	144.649	222.334	153.437	192.655
bending(114)	180	258.979	140.5	164.54	186.034	159.636	232.831
bending(115)	165.165	270	180	171.228	191.302	154.526	72.2562
bending(116)	180	246.422	259.019	168.635	291.324	131.81	100.593
bending(117)	173.958	220.119	238.694	156.444	269.759	145.323	131.81
bending(118)	180	217.658	229.359	180	243.485	155.535	143.822

bending(119)	180	188.797	197.647	180	82.5379	157.868	158.858
bending(120)	180	180	180	172.567	78.4131	151.183	126.33
bending(121)	167.681	180	191.646	180	93.3723	173.208	150.429
bending(122)	180	180		170.051	109.067	169.308	205.583
bending(123)	180	180	144.903	157.774	138.59	186.576	281.776
bending(124)	180	158.343	272.011	160.25	180	244.756	296.555
bending(125)	180	157.499	259.475	180	166.069	274.152	281.776
bending(126)	180	160.812	253.96	180	180	180	249.487
bending(127)	213.403	180	265.976	186.042	180	180	92.4563
bending(128)	180	180	230.1	180	180	71.7486	55.1501
bending(129)	296.587	180	237.769	189.379	180	66.4218	123.896
bending(130)	290.252	180	286.147	184.395	180	115.679	180
bending(131)	311.81	207.032	180	184.289	180	88.7756	149.763
bending(132)	308.343	200.45	90.7778	180	180	83.2437	180
bending(133)	298.343	180	109.471	180	190.475	245.958	180
bending(134)	261.893	180	128.828	180	219.195	180	180
bending(135)	243.612	180	144.655	195.268	180	233.13	180
bending(136)	113.698	187.952	150.637	180	254.519	254.534	180
bending(137)	143.458	180	160.812	184.395	222.668	249.794	180
bending(138)	152.34	180	156.601	188.549	225.325	272.388	180
bending(139)	134.851	201.975	161.328	180	269.51	117.818	180
bending(140)	129.949	180	151.928	180	246.422	126.87	180
bending(141)	151.045	180	161.328	180	230.833	128.137	180
bending(142)	166.069	180	180	180	227.546	149.258	180
bending(143)	150.479	180	180	180	212.388	132.346	180
bending(144)	150.097	180	180	180	215.345	148.212	180
bending(145)	165.263	180	180	180	197.083	180	180
bending(146)	161.805	180	167.546	180	180	147.206	180
bending(147)	168.598	197.185	180	180	69.1594	155.993	180
bending(148)	162.917	180	180	180	69.7478	156.444	214.099
bending(149)	166.069	185.621	180	180	67.2528	157.156	206.563
bending(150)	173.446	180	246.62	265.435	90	153.875	196.388
bending(151)	219.571	154.263	241.082	257.12	107.458	147.265	141.76
bending(152)	180	168.235	205.842	250.529	97.6623	180	143.806
bending(153)	180	167.943	86.3514	246.465	108.749	175.617	166.826
bending(154)	203.556	166.709	61.1805	111.571	135.003	168.956	163.402
bending(155)	223.342	172.777	50.1616	122.09	143.13	160.408	166.739
bending(156)	60	180	64.417	139.164	180	159.636	155.32
bending(157)	52.6511	180	70.6371	125.197	167.721	173.782	70.8354
bending(158)	87.134	237.421	83.6206	118.62	180	180	79.8358
bending(159)	91.4044	237.036	126.177	112.885	171.203	157.774	105.258
bending(160)	115.583	234.889	143.664	107.29	166.788	134.901	120.184
bending(161)	116.35	225.322	148.38	114.727	172.338	180	140.721
bending(162)	156.584	225.308	164.54	115.097	180	180	266.656
bending(163)	117.515	223.63	162.353	126.252	180	180	286.661
bending(164)	140.285	225.573	163.612	116.179	180	180	294.187
bending(165)	156.025	229.651	170.695	144.96	180	61.8439	320.285
bending(166)	153.744	180	165.524	155.75	180	112.196	307.98
bending(167)	144.831	103.806	180	160.25	180		309.595
bending(168)	167.899	124.85	180	172.97	180	211.788	300

bending(169)	171.482	115.944	173.591	180	180	215.052	291.727
bending(170)	180	111.749	180	157.891	180	180	295.71
bending(171)	173.782	125.572	175.49	180	180	169.778	285.933
bending(172)	175.605	129.391	189.56	158.213	180	180	269.551
bending(173)	175.351	127.98	180	180	204.851	180	268.074
bending(174)	180	127	180	173.782	180	184.169	259.019
bending(175)	175.605	149.286	180	180	180	180	252.226
bending(176)	171.203	133.557	129.414	180	180	180	247.804
bending(177)	180	143.652	145.029	180	180	180	234.034
bending(178)	180	149.13	158.834	180	173.958	180	231.35
bending(179)	180	146.877	145.991	180	180	180	227.615
bending(180)	164.058	180	166.069	180	180	180	295.842
bending(181)	64.2106	164.641	258.509	180	180	173.958	292.115
bending(182)	62.8951	164.857	237.292	180	180	180	281.332
bending(183)	60.6728	169.156	227.268	180	180	180	258.092
bending(184)	63.6122	165.61	212.462	180	180	180	267.666
bending(185)	73.7074	156.946	198.672	180	180	180	202.688
bending(186)			180	188.549	180	180	208.828
bending(187)			180	180	180	180	225.464
bending(188)			180	180	189.305	180	277.07
bending(189)	94.8205	163.402	190.748	180	220.409	198.672	259.297
bending(190)	107.406	151.928	180	180	206.92	180	273.185
bending(191)	108.909	153.234	180	180	180	116.807	306.009
bending(192)	130.637	143.13	195.642	164.274	180	105.419	293.882
bending(193)	115.075	139.856	180	180	90	142.136	309.023
bending(194)	127.098	155.659	180	158.407	97.6623	142.97	291.647
bending(195)	158.213	165.102	275.313	180	118.346	202.109	299.24
bending(196)	180	180	270.377	180	119.133	194.835	271.939
bending(197)	180	167.871	259.604	201.193	118.972	56.1036	271.637
bending(198)	180	180	226.741	195.904	116.53	88.6109	256.658
bending(199)	180	180	204.657	194.492	143.772	254.463	180
bending(200)	180	137.823	185.416	180	159.101	258.03	51.9269
bending(201)	180	180	98.8499	180	166.069	230.051	55.1501
bending(202)	180	162.247	90	180	157.774	180	180
bending(203)	180	153.675	71.3777	180	158.522	190.475	180
bending(204)	180	147.065	92.4493	180	150.871	214.56	180
bending(205)	180	156.951	126.36	197.753	180	180	180
bending(206)	180	180	158.213	204.829	152.011	180	280.854
bending(207)	190.406	210.165	180	189.244	171.228	168.284	279.309
bending(208)	207.693	238.811	180	180	180	196.152	88.7267
bending(209)	180	237.91	162.854	187.262	180		90.1885
bending(210)	162.525	249.333	180	180	180	204.851	120.72
bending(211)	295.679	212.107	175.49	160.839	180	180	133.61
bending(212)	306.47	216.223	180	180	154.942	107.92	135.997
bending(213)	316.238	219.715	180	146.534	180	136.37	159.763
bending(214)	304.85	228.19	157.891	168.799	163.969	258.78	147.893
bending(215)	296.705	180	159.17	180	164.416	242.797	167.583
bending(216)	263.809	237.122	180	185.881	167.583	38.7117	172.383
bending(217)	114.624	260.406	170.695	148.533	180	65.3757	172.185
bending(218)	139.149	228.583	180	303.631	180	65.2746	180

bending(219)	125.685	74.534	180	288.461	180	67.9757	172.383
bending(220)	139.632	84.7841	180	276.234	180	72.7243	180
bending(221)	150.074	275.979	180	280.396	180	70.8354	180
bending(222)	155.474	242.824	180	257.406	127	53.64	180
bending(223)	156.444	247.645	180	250.71	123.749	75.5225	198.074
bending(224)	150.871	226.545	180	241.477	125.582	93.3723	193.485
bending(225)	162.854	206.372	180	249.812	130.542	131.81	180
bending(226)	151.045	197.083	180	236.251	121.341	140.055	203.927
bending(227)	180	192.101	169.525	238.412	131.969	131.564	281.537
bending(228)	180	190.519	165.663	231.426	118.274	136.714	283.826
bending(229)	180	194.898	151.928	131.022	118.846	164.358	285.466
bending(230)	180	180	180	150.131	128.145	219.571	90.4308
bending(231)	180	180	180	154.158	125.377	234.069	96.1506
bending(232)	180	180	180	151.588	140.131	296.035	94.4117
bending(233)	180	180	180	180	148.027	91.653	138.212
bending(234)	180	180	180	170.495	149.442	76.0502	137.463
bending(235)	166.443	180	100.476	180	170.191	236.545	141.375
bending(236)	180	180	99.2484	180	161.328	180	136.347
bending(237)	180	200.364	84.9379	157.957	157.012	123.196	152.734
bending(238)	180	180	138.59	146.099	150.637	136.277	158.522
bending(239)	180	197.638	137.726	180	135.379	163.574	165.706
bending(240)	180	180	161.328	169.778	139.671	236.944	165.563
bending(241)	180	180	161.39	224.415	139.361	272.687	175.831
bending(242)	180	187.433	157.668	222.537	148.027	266.417	157.156
bending(243)	180	180	122.464	200.639	157.08	246.998	158.213
bending(244)	180	174.924	180	180	149.607	256.658	168.222
bending(245)	180	184.933	276.837	194.141	164.105	133.455	180
bending(246)	180	180	275.563	199.916	180	140.285	180
bending(247)	180	180	266.36	180	180	141.657	180
bending(248)	180	180	245.489	180	66.6963	158.961	180
bending(249)	180	180	225.573	180	81.3271	161.926	180
bending(250)	180	180	184.289	180	123.204	161.427	223.691
bending(251)	180	180	185.897	180	276.078	169.628	231.426
bending(252)	180	165.165	180	180	254.651	146.443	229.458
bending(253)	180	170.931	206.835	180	261.106	152.175	214.692
bending(254)	180	180	287.5	190.551	242.912	165.102	199.75
bending(255)	173.244	180	303.396	199.356	211.788	180	205.842
bending(256)	180	180	282.014	190.748	205.058	160.812	180
bending(257)	180	161.283	296.897	180	190.094	157.515	198.721
bending(258)	180	180	246.281	180	195.51	180	195.223
bending(259)	180	166.464	238.668	180	180	180	203.466
bending(260)	173.782	180	231.055	180	180	173.932	197.753
bending(261)	161.328	180	229.458	206.125	180	180	197.753
bending(262)	180	180	212.462	272.81	197.647	169.906	180
bending(263)	149.673	180	229.324	254.878	226.826	180	180
bending(264)	166.379	180	222.833	234.101	231.617	160.812	180
bending(265)	180	180	217.428	210.156	141.348	167.241	180
bending(266)	180	151.045	207.266	209.363	124.356	180	180
bending(267)	180	141.787	216.336	77.704	153.395	168.598	180
bending(268)	180	166.544	197.456	86.983	160.052	180	180

bending(269)	180	152.952	200.527	104.108	163.215	180	180
bending(270)	180	180	180	134.997	173.958	156.601	180
bending(271)	180	180	180	219.881	166.464	180	180
bending(272)	164.113	158.213	180	209.592	164.24	180	180
bending(273)	160.25	180	180	196.835	180	180	180
bending(274)	180	180	180	191.201	73.9234	180	180
bending(275)	162.353	180	180	180	73.0098	180	180
bending(276)	180	221.41	189.56	180	74.7425	180	180
bending(277)	172.567	206.605	180	180	107.591	180	238.243
bending(278)	180	208.546	169.906	180	117.152	133.433	245.165
bending(279)	180	180	180	180	135.225	141.375	245.638
bending(280)	180	231.799	180	180	141.477	180	231.724
bending(281)	180	180	180	180	142.021	143.664	229.89
bending(282)	180	180	180	180	125.406	145.679	231.047
bending(283)	180	180	193.212	180	154.332	91.1937	180
bending(284)	180		187.815	166.271		90.963	142.755
bending(285)	190.748		180	180		128.257	167.546
bending(286)	171.944		180	180		147.473	163.718
bending(287)	168.598		180	180		135.047	172.086
bending(288)	180	180	195.223	232.984	68.0606	57.421	173.131
bending(289)	180	180	180	279.236	77.19	75.8569	165.429
bending(290)	180	180	180	103.774	80.4059	91.2964	180
bending(291)	180	180	180	110.858	94.7802	253.398	180
bending(292)	180	203.416	180	136.156	116.035	240.941	180
bending(293)	189.56	197.146	180	124.308	117.339	236.142	180
bending(294)	180	207.164	180	116.174	121.757	199.333	180
bending(295)	180	191.201	180	153.08	144.831	205.668	180
bending(296)	180	239.349	180	137.637	146.084	207.693	180
bending(297)	180	228.33	104.768	143.242	159.732	193.931	180
bending(298)	180	209.519	116.448	146.588	148.997	205.058	180
bending(299)	180	180	119.783	131.494	159.321	202.226	180
bending(300)	180	240	161.328	146.443	180	180	180
bending(301)	186.218	261.987		138.464	180	180	
bending(302)	194.437	247.012		142.97	185.85	188.549	
bending(303)	198.141	242.336		145.144	61.0967	187.617	
bending(304)	203.593	239.85		144.147	52.0783	157.668	
bending(305)	184.289	233.968		171.463	61.5631	180	
bending(306)	180	214.371		180	76.391	168.956	
bending(307)	180	223.128		157.808		81.1755	
bending(308)	180	226.187		163.454		89.4346	
bending(309)	180	214.216		180		121.267	
bending(310)	180	206.497				135.638	
bending(311)	180	234.766		163.314		57.2028	
bending(312)	180	240		140.583	253.398	53.5502	
bending(313)	180	233.67		154.158	249.682	92.0226	
bending(314)	180	228.646	205.668	180	246.422	226.646	282.153
bending(315)	195.895	135.585	209.041	169.778	263.193	202.62	275.739
bending(316)	184.51	145.44	190.406	165.563	245.492	213.375	274.744
bending(317)	180	153.05	203.399	139.167	217.864	192.101	273.78
bending(318)	198.195	139.632	180	130.236	231.062	195.223	256.204

bending(319)	201.909	155.659	188.387	139.532	215.351	180	245.9
bending(320)	180	145.308	180	136.092	206.605	186.218	218.722
bending(321)	180	163.402	180	128.009	205.668	180	229.458
bending(322)	180	165.61		114.148	205.842	173.958	
bending(323)	180	162.854	180	127.003	180	160.812	228.646
bending(324)	132.131	161.161	180	138.248	180	180	208.625
bending(325)	160.537	180	180	123.749	180	126.53	204.829
bending(326)	180	180	180	133.957	203.705	107.221	214.242
bending(327)	262.634	169.858	180	133.762	193.536	106.401	180
bending(328)	263.001	163.901	180	115.881	180	112.993	180
bending(329)	261.309	169.481	180	120.916	180	138.409	89.2838
bending(330)	180	162.247	180	123.634	180	131.969	122.25
bending(331)	158.023	180	180	135.585	186.068	147.893	111.835
bending(332)	153.146	180		131.81	180	148.027	
bending(333)	180	180	180	134.725	180	171.228	275.149
bending(334)	118.072	180	180	153.683	180	139.62	272.472
bending(335)	180	180	180	146.099	200.472	164.105	283.739
bending(336)	180	180	180	155.881	180	146.105	283.876
bending(337)	300.316	180	180	153.77	180	180	271.819
bending(338)	280.888	180		157.808	180	180	
bending(339)	276.514	198.463	180	148.997	180	159.473	229.447
bending(340)	269.354	220.491	180	180	180	174.239	230.833
bending(341)	252.858	223.163	180	180	197.647	180	226.826
bending(342)	239.805	132.986	180	180	180	180	201.441
bending(343)	228.19	57.769	180	180	203.054	180	213.916
bending(344)	213.329	78.7667	180	180	250.231	209.473	217.756
bending(345)	208.072	107.26	180	180	217.979	218.343	205.842
bending(346)	205.008	98.3855	180	180	217.704	180	186.554
bending(347)	201.565	92.2475	180	180	219.446	248.832	205.668
bending(348)	180	115.555	180	180	223.092	254.325	200.774
bending(349)	186.379	224.415	180	180	213.253	279.085	195.268
bending(350)	180	216.114	186.218	168.507	218.776	267.551	192.839
bending(351)	202.431	221.154	186.199	180	217.864	226.233	192.454
bending(352)	180	196.668	149.053	180	195.268	211.251	192.454
bending(353)	180	208.58	148.027	180	211.788	208.072	180
bending(354)	161.328	209.926	159.636	180	196.099	184.649	180
bending(355)	180	211.332	180	180	180	180	180
bending(356)	171.203	205.058	180	180	189.305	180	188.772
bending(357)	169.906	211.179	180	180	198.672	188.321	180
bending(358)	166.87	201.039	170.162	180	213.855	225.099	180
bending(359)	169.858	194.835	175.367	180	217.864	180	147.473
head_x(0)	1300	1207	1475	1012	1475	1117	1346
head_x(1)	1303	1211	1481	1013	1481	1117	1344
head_x(2)	1292	1214	1486	1014	1489	1116	1344
head_x(3)	1295	1216	1487	1011	1493	1115	1344
head_x(4)	1307	1223	1486	1003	1499	1117	1344
head_x(5)	1311	1253	1490	1004	1503	1117	1344
head_x(6)	1313	1257	1495	1010	1509	1115	1344
head_x(7)	1319	1261	1497	1010	1511	1115	1344
head_x(8)	1326	1263	1501	1014	1517	1117	1342

head_x(9)	1333	1269	1505	1014	1519	1117	1344
head_x(10)	1339	1273	1505	1011	1523	1115	1346
head_x(11)	1345	1277	1509	1009	1527	1116	1344
head_x(12)	1351	1281	1511	1011	1531	1119	1347
head_x(13)	1353	1287	1511	1010	1535	1117	1348
head_x(14)	1351	1291	1505	1018	1541	1118	1346
head_x(15)	1342	1297	1480	1020	1545	1116	1347
head_x(16)	1337	1299	1477	1027	1547	1115	1347
head_x(17)	1336	1305	1476	1035	1545	1115	1348
head_x(18)	1332	1307	1474	1039	1539	1115	1347
head_x(19)	1330	1307	1476	1041	1540	1115	1348
head_x(20)	1339	1313	1476	1041	1543	1115	1348
head_x(21)	1329	1315	1462	1050	1541	1116	1346
head_x(22)	1332	1319	1460	1055	1540	1115	1346
head_x(23)	1335	1321	1456	1057	1540	1112	1344
head_x(24)	1336	1325	1454	1053	1538	1116	1340
head_x(25)	1335	1296	1452	1051	1530	1112	1336
head_x(26)	1335	1296	1452	1051	1530	1112	1336
head_x(27)	1333	1302	1448	1053	1525	1114	1334
head_x(28)	1337	1306	1446	1052	1522	1114	1330
head_x(29)	1337	1308	1445	1052	1516	1114	1330
head_x(30)	1337	1310	1442	1055	1511	1112	1334
head_x(31)	1331	1314	1440	1058	1500	1113	1332
head_x(32)	1325	1318	1438	1064	1495	1112	1330
head_x(33)			1436	1067	1490	1109	1328
head_x(34)			1440	1069	1489	1110	1351
head_x(35)			1438	1075	1486	1110	1357
head_x(36)			1436	1077	1490	1109	1359
head_x(37)			1432	1079	1490	1110	1357
head_x(38)			1434	1087	1492	1110	1362
head_x(39)			1430	1089	1490	1109	1363
head_x(40)	1338	1296	1430	1093	1484	1108	1361
head_x(41)	1345	1292	1434	1097	1482	1107	1361
head_x(42)	1354	1290	1433	1099	1472	1107	1359
head_x(43)	1363	1288	1435	1101	1475	1107	1359
head_x(44)	1371	1286	1451	1103	1469	1113	1359
head_x(45)	1376	1280	1449	1108	1468	1109	1361
head_x(46)	1383	1278	1445	1115	1476	1114	1361
head_x(47)	1389	1272	1442	1117	1479	1110	1359
head_x(48)	1393	1269	1442	1124	1480	1113	1371
head_x(49)	1401	1262	1443	1127	1472	1114	1377
head_x(50)	1403	1258	1445	1125	1468	1113	1381
head_x(51)	1401	1256	1445	1127	1469	1092	1383
head_x(52)	1376	1250	1446	1127	1470	1091	1385
head_x(53)	1368	1251	1453	1129	1470	1090	1385
head_x(54)	1358	1244	1456	1126	1470	1091	1389
head_x(55)	1352	1242	1455	1119	1472	1091	1393
head_x(56)	1344	1238	1455	1111	1474	1088	1395
head_x(57)	1338	1234	1444	1102	1473	1089	1388
head_x(58)	1337	1234	1446	1094	1471	1086	1391

head_x(59)	1335	1239	1449	1088	1477	1085	1387
head_x(60)	1336	1238	1449	1086	1476	1089	1358
head_x(61)	1334	1238	1451	1086	1476	1088	1356
head_x(62)	1336	1242	1450	1091	1485	1083	1356
head_x(63)	1334	1243	1446	1096	1494	1080	1357
head_x(64)	1332	1240	1450	1102	1497	1099	1360
head_x(65)	1330	1248	1452	1113	1487	1097	1360
head_x(66)	1328	1245	1454	1121	1466	1095	1361
head_x(67)	1324	1245	1459	1126	1460	1095	1357
head_x(68)	1324	1248	1459	1131	1458	1097	1354
head_x(69)	1327	1249	1455	1137	1460	1093	1353
head_x(70)	1331	1250	1457	1141	1460	1086	1351
head_x(71)	1333	1252	1457	1147	1461	1091	1347
head_x(72)	1333	1258	1457	1151	1483	1074	1347
head_x(73)	1318	1264	1441	1151	1491	1070	1347
head_x(74)	1316	1269	1440	1150	1499	1073	1347
head_x(75)	1328	1273	1438	1147	1505	1071	1347
head_x(76)	1326	1277	1436	1145	1508	1070	1349
head_x(77)	1322	1281	1436	1143	1515	1066	1348
head_x(78)	1322	1285	1436	1140	1517	1064	1351
head_x(79)	1326	1287	1431	1135	1521	1062	1352
head_x(80)	1322	1291	1432	1130	1523	1058	1353
head_x(81)	1316	1292	1428	1126	1531	1060	1357
head_x(82)	1314	1297	1424	1126	1535	1056	1358
head_x(83)	1310	1300	1426	1118	1541	1054	1356
head_x(84)	1305	1300	1430	1114	1545	1051	1353
head_x(85)	1302	1300	1428	1108	1547	1044	1353
head_x(86)	1300	1307	1426	1104	1549	1042	1356
head_x(87)	1297	1308	1429	1100	1551	1040	1359
head_x(88)			1426	1097	1555	1034	1363
head_x(89)			1424	1096	1559	1034	1350
head_x(90)			1426	1090	1551	1030	1355
head_x(91)			1427	1084	1535	1024	1356
head_x(92)			1428	1078	1524	1024	1358
head_x(93)			1445	1069	1514	1024	1361
head_x(94)			1441	1066	1504	1024	1365
head_x(95)			1443	1061	1500	1022	1371
head_x(96)	1280	1337	1445	1058	1494	1044	1377
head_x(97)	1282	1341	1446		1490		1383
head_x(98)	1278	1345	1450		1484		1381
head_x(99)	1278	1349	1450	1060	1478	1050	1381
head_x(100)	1280	1355	1454	1057	1474	1051	1354
head_x(101)	1279	1357	1457	1058	1470	1052	1359
head_x(102)	1282	1359	1461	1063	1468	1053	1348
head_x(103)	1287	1365	1463	1068	1464	1055	1338
head_x(104)	1289	1367	1458		1460		1332
head_x(105)	1290	1369	1454	1082	1458	1050	1328
head_x(106)	1293	1360	1460	1084	1454	1044	1323
head_x(107)	1292	1362	1464	1093	1454		1320
head_x(108)	1296	1364	1465	1097	1471	1040	1327

head_x(109)	1295	1361	1463	1103	1464	1044	1333
head_x(110)	1293	1352	1467	1107	1464	1046	1329
head_x(111)	1294	1352	1469	1111	1453	1065	1326
head_x(112)	1295	1345	1472	1112	1446	1060	1323
head_x(113)	1296	1343	1475	1114	1443	1059	1326
head_x(114)	1297	1336	1473	1115	1438	1061	1330
head_x(115)	1298	1330	1469	1121	1436	1065	1357
head_x(116)	1301	1326	1461	1122	1459	1071	1363
head_x(117)	1303	1324	1467	1121	1462	1073	1367
head_x(118)	1308	1316	1470	1121	1459	1074	1365
head_x(119)	1309	1314	1475	1121	1449	1075	1358
head_x(120)	1312	1310	1479	1120	1449	1077	1361
head_x(121)	1319	1308	1480	1122	1453	1077	1360
head_x(122)	1318	1304		1121	1456	1073	1327
head_x(123)	1319	1304	1461	1116	1456	1070	1328
head_x(124)	1322	1300	1458	1112	1456	1050	1332
head_x(125)	1324	1300	1462	1110	1461	1052	1329
head_x(126)	1324	1299	1461	1112	1463	1056	1326
head_x(127)	1314	1294	1458	1114	1467	1060	1326
head_x(128)	1311	1293	1458	1114	1467	1077	1320
head_x(129)	1314	1289	1461	1117	1464	1080	1326
head_x(130)	1315	1286	1450	1118	1470	1083	1339
head_x(131)	1315	1282	1468	1118	1472	1084	1341
head_x(132)	1314	1280	1469	1116	1474	1087	1344
head_x(133)	1314	1278	1475	1117	1472	1085	1345
head_x(134)	1312	1276	1479	1117	1463	1069	1345
head_x(135)	1312	1272	1481	1120	1470	1072	1346
head_x(136)	1320	1270	1483	1123	1448	1078	1347
head_x(137)	1319	1272	1487	1127	1450	1079	1353
head_x(138)	1319	1272	1489	1129	1450	1093	1354
head_x(139)	1318	1269	1491	1131	1450	1115	1358
head_x(140)	1317	1269	1493	1133	1442	1119	1363
head_x(141)	1317	1269	1497	1135	1436	1127	1365
head_x(142)	1317	1269	1499	1133	1428	1131	1367
head_x(143)	1315	1272	1501	1135	1426	1137	1368
head_x(144)	1314	1269	1501	1133	1432	1143	1371
head_x(145)	1317	1266	1503	1133	1432	1147	1373
head_x(146)	1316	1267	1503	1137	1438	1151	1373
head_x(147)	1317	1265	1503	1139	1463	1153	1373
head_x(148)	1312	1266	1507	1138	1472	1159	1373
head_x(149)	1315	1268	1505	1139	1477	1163	1379
head_x(150)	1315	1267	1506	1128	1483	1171	1379
head_x(151)	1329	1276	1511	1131	1485	1175	1365
head_x(152)	1330	1275	1509	1135	1486	1181	1363
head_x(153)	1330	1271	1482	1138	1487	1186	1367
head_x(154)	1312	1269	1478	1116	1491	1191	1363
head_x(155)	1304	1269	1472	1120	1494	1197	1363
head_x(156)	1302	1267	1468	1127	1495	1201	1354
head_x(157)	1303	1269	1466	1134	1498	1209	1340
head_x(158)	1305	1258	1464	1143	1501	1213	1334

head_x(159)	1308	1256	1462	1149	1503	1219	1332
head_x(160)	1311	1256	1460	1155	1503	1225	1328
head_x(161)	1314	1259	1454	1156	1499	1228	1336
head_x(162)	1317	1256	1454	1157	1499	1233	1355
head_x(163)	1315	1258	1450	1156	1500	1230	1359
head_x(164)	1321	1264	1448	1151	1504	1224	1356
head_x(165)	1322	1264	1446	1149	1509	1261	1349
head_x(166)	1323	1275	1442	1145	1513	1262	1342
head_x(167)	1325	1277	1442	1141	1511		1335
head_x(168)	1325	1277	1438	1140	1513	1256	1328
head_x(169)	1323	1279	1436	1137	1514	1279	1325
head_x(170)	1320	1283	1434	1136	1517	1278	1322
head_x(171)	1322	1287	1432	1130	1517	1277	1323
head_x(172)	1322	1289	1430	1127	1519	1276	1324
head_x(173)	1324	1293	1426	1124	1523	1274	1328
head_x(174)	1322	1297	1426	1123	1525	1274	1334
head_x(175)	1324	1301	1426	1122	1523	1272	1337
head_x(176)	1325	1302	1438	1118	1525	1271	1338
head_x(177)	1329	1305	1434	1116	1525	1270	1340
head_x(178)	1331	1308	1434	1117	1524	1270	1340
head_x(179)	1326	1311	1432	1119	1526	1270	1341
head_x(180)	1330	1314	1428	1121	1530	1270	1351
head_x(181)	1339	1319	1429	1114	1533	1268	1355
head_x(182)	1343	1323	1424	1114	1538	1265	1359
head_x(183)	1340	1325	1420	1112	1541	1265	1361
head_x(184)	1337	1329	1418	1109	1543	1261	1359
head_x(185)	1329	1331	1416	1107	1543	1258	1355
head_x(186)			1410	1111	1545	1254	1359
head_x(187)			1408	1110	1547	1252	1359
head_x(188)			1404	1112	1553	1246	1351
head_x(189)	1298	1349	1400	1113	1556	1242	1351
head_x(190)	1294	1351	1398	1110	1555	1247	1345
head_x(191)	1293	1352	1396	1106	1548	1255	1336
head_x(192)	1290	1354	1396	1102	1544	1248	1330
head_x(193)	1293	1353	1394	1093	1520	1253	1320
head_x(194)	1296	1361	1396	1084	1512	1253	1314
head_x(195)	1295	1363	1399	1084	1508	1255	1306
head_x(196)	1292	1367	1396	1086	1503	1251	1298
head_x(197)	1288	1368	1394	1088	1496	1250	1293
head_x(198)	1286	1372	1390	1087	1492	1248	1296
head_x(199)	1289	1375	1388	1088	1484	1238	1307
head_x(200)	1288	1377	1394	1085	1478	1238	1321
head_x(201)	1287	1383	1409	1087	1472	1236	1322
head_x(202)	1286	1385	1409	1083	1470	1234	1324
head_x(203)	1284	1389	1412	1080	1464	1234	1322
head_x(204)	1284	1389	1412	1080	1464	1230	1323
head_x(205)	1286	1393	1408	1083	1461	1226	1323
head_x(206)	1284	1397	1406	1085	1458	1224	1325
head_x(207)	1282	1395	1409	1087	1456	1224	1323
head_x(208)	1276	1397	1407	1085	1453	1219	1337

head_x(209)	1279	1397	1413	1085	1454		1341
head_x(210)	1290	1399	1415	1080	1450	1220	1347
head_x(211)	1282	1401	1419	1074	1448	1226	1351
head_x(212)	1278	1399	1419	1071	1454	1232	1355
head_x(213)	1274	1397	1424	1060	1455	1230	1359
head_x(214)	1272	1395	1425	1058	1458	1228	1363
head_x(215)	1272	1394	1429	1061	1463	1231	1367
head_x(216)	1273	1370	1430	1064	1461	1257	1369
head_x(217)	1248	1370	1431	1083	1455	1263	1371
head_x(218)	1243	1370	1433	1076	1454	1269	1373
head_x(219)	1240	1370	1435	1083	1454	1275	1375
head_x(220)	1234	1372	1437	1083	1452	1279	1377
head_x(221)	1231	1381	1437	1085	1454	1287	1379
head_x(222)	1226	1380	1439	1082	1467	1286	1379
head_x(223)	1222	1378	1441	1081	1473	1291	1375
head_x(224)	1218	1379	1444	1080	1481	1294	1377
head_x(225)	1214	1380	1446	1082	1485	1299	1379
head_x(226)	1211	1378	1453	1081	1491	1309	1371
head_x(227)	1206	1377	1453	1084	1495	1313	1340
head_x(228)	1202	1378	1455	1086	1495	1325	1340
head_x(229)	1196	1376	1459	1109	1494	1329	1340
head_x(230)	1194	1372	1460	1111	1492	1333	1344
head_x(231)	1190	1373	1457	1108	1492	1337	1337
head_x(232)	1186	1373	1455	1111	1489	1330	1330
head_x(233)	1184	1372	1459	1115	1486	1326	1324
head_x(234)	1182	1371	1453	1117	1485	1328	1320
head_x(235)	1182	1369	1446	1118	1484	1313	1316
head_x(236)	1179	1371	1447	1121	1480	1310	1310
head_x(237)	1176	1367	1451	1112	1476	1321	1306
head_x(238)	1173	1368	1459	1111	1466	1316	1300
head_x(239)	1168	1366	1461	1109	1460	1313	1296
head_x(240)	1165	1367	1463	1112	1454	1318	1292
head_x(241)	1160	1369	1465	1127	1450	1310	1286
head_x(242)	1158	1370	1467	1133	1444	1310	1284
head_x(243)	1160	1370	1461	1139	1438	1310	1280
head_x(244)	1152	1372	1455	1145	1434	1305	1278
head_x(245)	1148	1371	1434	1153	1430	1276	1276
head_x(246)	1142	1375	1436	1162	1424	1270	1270
head_x(247)	1136	1377	1438	1171	1424	1264	1268
head_x(248)	1134	1376	1438	1179	1451	1256	1264
head_x(249)	1128	1375	1443	1185	1457	1252	1265
head_x(250)	1126	1377	1451	1191	1459	1245	1272
head_x(251)	1120	1379	1451	1195	1436	1240	1270
head_x(252)	1116	1385	1451	1201	1426	1234	1272
head_x(253)	1112	1387	1441	1207	1424	1230	1276
head_x(254)	1110	1388	1424	1213	1420	1228	1279
head_x(255)	1106	1393	1422	1217	1414	1222	1284
head_x(256)	1102	1393	1420	1225	1410	1220	1284
head_x(257)	1098	1396	1416	1228	1408	1214	1290
head_x(258)	1094	1398	1412	1233	1406	1208	1291

head_x(259)	1090	1403	1412	1240	1400	1204	1292
head_x(260)	1087	1405	1410	1242	1396	1198	1294
head_x(261)	1080	1409	1410	1239	1393	1196	1295
head_x(262)	1078	1411	1408	1204	1394	1192	1297
head_x(263)	1073	1412	1404	1204	1403	1187	1299
head_x(264)	1068	1417	1404	1206	1402	1182	1298
head_x(265)	1066	1418	1401	1210	1392	1176	1301
head_x(266)	1060	1421	1400	1214	1386	1172	1301
head_x(267)	1058	1425	1398	1212	1382	1168	1301
head_x(268)	1054	1429	1395	1209	1378	1167	1300
head_x(269)	1048	1429	1392	1210	1376	1168	1302
head_x(270)	1044	1429	1392	1210	1374	1162	1305
head_x(271)	1042	1431	1390	1251	1376	1162	1308
head_x(272)	1040	1431	1388	1259	1375	1163	1314
head_x(273)	1036	1429	1386	1265	1376	1157	1315
head_x(274)	1034	1429	1387	1271	1395	1152	1315
head_x(275)	1033	1431	1382	1277	1403	1153	1319
head_x(276)	1026	1428	1382	1282	1411	1153	1318
head_x(277)	1021	1437	1380	1286	1417	1150	1321
head_x(278)	1016	1438	1382	1289	1423	1144	1325
head_x(279)	1012	1443	1378	1295	1429	1148	1327
head_x(280)	1008	1445	1376	1299	1433	1153	1328
head_x(281)	1003	1447	1374	1303	1435	1154	1327
head_x(282)	998	1446	1372	1305	1435	1161	1325
head_x(283)	994	1447	1370	1307	1437	1172	1325
head_x(284)	990		1369	1308		1172	1327
head_x(285)	982		1366	1311		1168	1331
head_x(286)	978		1366	1317		1170	1333
head_x(287)	974		1366	1315		1169	1335
head_x(288)	970	1449	1364	1287	1418	1167	1337
head_x(289)	968	1445	1364	1284	1412	1160	1338
head_x(290)	964	1446	1364	1276	1406	1160	1343
head_x(291)	961	1446	1362	1268	1400	1174	1343
head_x(292)	957	1439	1362	1262	1395	1172	1349
head_x(293)	952	1439	1362	1254	1392	1171	1351
head_x(294)	950	1439	1360	1250	1387	1172	1353
head_x(295)	946	1437	1361	1248	1388	1170	1357
head_x(296)	942	1431	1361	1246	1386	1169	1359
head_x(297)	938	1434	1379	1245	1389	1170	1357
head_x(298)	932	1434	1379	1246	1386	1169	1359
head_x(299)	928	1439	1375	1253	1385	1167	1363
head_x(300)	926	1439	1368	1253	1390	1169	1367
head_x(301)	926	1440		1262	1387	1170	
head_x(302)	924	1440		1267	1390	1171	
head_x(303)	921	1437		1277	1399	1170	
head_x(304)	918	1437		1283	1395	1179	
head_x(305)	916	1436		1289	1392	1176	
head_x(306)	910	1436		1292	1390	1179	
head_x(307)	910	1438		1297		1172	
head_x(308)	905	1442		1304		1172	

head_x(309)	898	1443		1309		1173	
head_x(310)	897	1444				1174	
head_x(311)	891	1450		1313		1175	
head_x(312)	891	1451		1311	1407	1177	
head_x(313)	891	1452		1321	1411	1179	
head_x(314)	890	1456	1342	1325	1413	1167	1312
head_x(315)	893	1473	1341	1327	1415	1167	1308
head_x(316)	892	1472	1340	1327	1417	1172	1306
head_x(317)	894	1470	1336	1329	1423	1171	1302
head_x(318)	899	1470	1334	1329	1423	1175	1300
head_x(319)	904	1468	1332	1329	1425	1175	1300
head_x(320)	908	1469	1332	1329	1428	1172	1296
head_x(321)	909	1467	1328	1323	1428	1173	1296
head_x(322)	908	1464		1317	1431	1172	
head_x(323)	911	1461	1326	1313	1437	1176	1294
head_x(324)	890	1459	1322	1311	1435	1176	1290
head_x(325)	892	1457	1320	1300	1437	1162	1290
head_x(326)	903	1454	1320	1293	1437	1158	1293
head_x(327)	907	1452	1318	1288	1440	1156	1290
head_x(328)	913	1450	1316	1284	1443	1152	1293
head_x(329)	912	1448	1314	1280	1446	1149	1296
head_x(330)	900	1446	1314	1281	1447	1142	1290
head_x(331)	897	1444	1310	1280	1451	1138	1289
head_x(332)	899	1440		1282	1453	1132	
head_x(333)	905	1440	1306	1286	1454	1128	1304
head_x(334)	888	1439	1304	1289	1456	1120	1305
head_x(335)	897	1436	1302	1295	1455	1116	1311
head_x(336)	894	1432	1301	1299	1456	1112	1317
head_x(337)	889	1431	1296	1307	1454	1104	1321
head_x(338)	886	1435		1313	1459	1100	
head_x(339)	876	1440	1294	1313	1462	1092	1325
head_x(340)	868	1444	1290	1317	1465	1088	1327
head_x(341)	860	1447	1294	1319	1463	1082	1331
head_x(342)	854	1454	1288	1323	1461	1078	1333
head_x(343)	848	1455	1286	1329	1460	1074	1339
head_x(344)	843	1454	1286	1331	1447	1072	1343
head_x(345)	840	1452	1284	1335	1450	1070	1344
head_x(346)	836	1453	1280	1343	1444	1066	1345
head_x(347)	832	1455	1280	1343	1442	1099	1349
head_x(348)	828	1454	1278	1351	1436	1093	1351
head_x(349)	826	1481	1278	1354	1433	1085	1353
head_x(350)	822	1483	1274	1358	1428	1081	1357
head_x(351)	818	1483	1276	1365	1424	1079	1361
head_x(352)	816	1484	1286	1368	1420	1075	1363
head_x(353)	816	1486	1285	1375	1418	1073	1363
head_x(354)	821	1484	1286	1379	1414	1068	1365
head_x(355)	822	1484	1285	1381	1412	1066	1369
head_x(356)	827	1484	1286	1387	1410	1065	1369
head_x(357)	828	1482	1286	1391	1407	1064	1369
head_x(358)	833	1482	1286	1395	1404	1065	1361

head_x(359)	838	1478	1286	1399	1400	1061	1352
head_y(0)	1001	989	923	698	666	618	580
head_y(1)	993	985	922	690	666	618	582
head_y(2)	995	982	923	682	663	618	582
head_y(3)	997	979	925	680	658	618	580
head_y(4)	986	975	929	676	656	619	573
head_y(5)	986	960	927	668	656	617	579
head_y(6)	989	957	926	662	660	616	583
head_y(7)	993	957	923	658	663	616	583
head_y(8)	995	955	925	646	667	618	577
head_y(9)	997	955	923	638	671	618	578
head_y(10)	997	957	927	634	671	616	579
head_y(11)	999	956	929	626	673	612	578
head_y(12)	998	956	929	618	672	613	576
head_y(13)	1001	952	931	613	671	612	582
head_y(14)	999	952	910	606	673	612	582
head_y(15)	982	954	906	600	675	608	581
head_y(16)	974	956	912	598	677	606	581
head_y(17)	968	960	914	594	674	606	585
head_y(18)	962	961	915	590	656	607	585
head_y(19)	963	966	918	583	652	606	589
head_y(20)	977	965	918	572	646	606	591
head_y(21)	997	965	899	568	640	606	592
head_y(22)	999	966	901	564	634	606	593
head_y(23)	1001	969	900	558	628	606	590
head_y(24)	999	971	902	552	622	606	588
head_y(25)	1000	959	901	544	616	606	586
head_y(26)	1000	959	901	544	616	606	586
head_y(27)	1000	962	900	536	612	602	582
head_y(28)	1007	962	901	528	608	600	575
head_y(29)	1008	962	900	522	604	600	572
head_y(30)	1009	966	896	516	604	600	562
head_y(31)	1006	970	893	508	607	600	562
head_y(32)	1008	972	890	500	608	600	565
head_y(33)			888	497	609	597	567
head_y(34)			882	489	609	592	591
head_y(35)			876	484	607	594	584
head_y(36)			876	477	608	594	584
head_y(37)			877	472	621	590	589
head_y(38)			870	472	629	588	587
head_y(39)			868	464	635	588	588
head_y(40)	1009	1026	867	460	639	590	588
head_y(41)	1015	1029	861	452	641	592	591
head_y(42)	1015	1035	860	442	642	590	591
head_y(43)	1012	1039	860	434	649	590	588
head_y(44)	1010	1041	864	428	651	592	587
head_y(45)	1007	1039	861	423	653	592	586
head_y(46)	1003	1040	858	419	659	594	586
head_y(47)	1001	1038	864	412	661	590	588
head_y(48)	998	1038	897	406	654	591	571

head_y(49)	992	1035	897	400	642	590	574
head_y(50)	989	1038	895	398	634	590	578
head_y(51)	987	1033	895	398	624	572	583
head_y(52)	989	1032	895	425	616	572	587
head_y(53)	989	1028	889	433	612	571	586
head_y(54)	992	1033	889	441	608	564	581
head_y(55)	996	1037	889	447	602	562	581
head_y(56)	1001	1037	889	451	596	558	583
head_y(57)	1008	1037	858	449	592	554	574
head_y(58)	1015	1035	854	449	588	548	570
head_y(59)	1019	1026	848	442	585	547	583
head_y(60)	1029	1025	846	433	580	540	587
head_y(61)	1036	1026	842	426	580	538	585
head_y(62)	1039	1042	839	416	600	544	581
head_y(63)	1043	1045	838	414	599	543	578
head_y(64)	1047	1043	836	411	599	551	574
head_y(65)	1051	1026	834	414	596	543	574
head_y(66)	1056	1024	840	417	591	540	572
head_y(67)	1059	1022	843	417	592	540	572
head_y(68)	1065	1018	838	420	584	535	572
head_y(69)	1071	1016	834	427	580	535	570
head_y(70)	1077	1012	830	434	591	534	572
head_y(71)	1081	1008	828	439	590	538	569
head_y(72)	1081	1006	830	440	601	565	570
head_y(73)	1066	1004	865	447	609	563	571
head_y(74)	1060	1003	865	453	610	563	570
head_y(75)	1071	1001	831	459	612	540	570
head_y(76)	1059	1001	829	463	617	544	572
head_y(77)	1060	1003	824	469	619	544	575
head_y(78)	1073	1005	820	471	626	544	577
head_y(79)	1065	1007	820	476	631	540	577
head_y(80)	1060	1011	815	479	633	538	577
head_y(81)	1053	1013	814	483	633	537	577
head_y(82)	1049	1015	812	487	637	534	577
head_y(83)	1046	1019	807	493	635	531	579
head_y(84)	1044	1025	802	491	635	530	581
head_y(85)	1041	1027	800	491	640	526	581
head_y(86)	1040	1028	796	490	641	524	581
head_y(87)	1034	1033	792	492	641	523	581
head_y(88)			788	494	644	516	573
head_y(89)			788	497	642	516	595
head_y(90)			784	501	649	516	601
head_y(91)			782	505	643	512	605
head_y(92)			784	507	647	510	609
head_y(93)			796	498	642	519	613
head_y(94)			786	499	638	518	617
head_y(95)			784	502	637	520	611
head_y(96)	996	1036	778	506	635	508	607
head_y(97)	990	1035	778		632		607
head_y(98)	984	1038	774		628		609

head_y(99)	980	1040	772	486	626	500	609
head_y(100)	974	1041	772	478	622	496	586
head_y(101)	970	1045	770	474	618	490	582
head_y(102)	964	1047	772	466	616	486	583
head_y(103)	960	1042	768	461	610	482	588
head_y(104)	957	1042	766		608		593
head_y(105)	950	1043	789	460	604	509	597
head_y(106)	946	1049	791	458	600	511	601
head_y(107)	940	1051	789	465	602		603
head_y(108)	936	1051	789	469	597	470	605
head_y(109)	932	1043	792	475	592	476	586
head_y(110)	928	1028	791	480	598	472	582
head_y(111)	926	1022	789	486	621	479	579
head_y(112)	920	1018	791	493	625	476	576
head_y(113)	918	1014	791	499	633	472	583
head_y(114)	912	1012	793	504	635	470	597
head_y(115)	908	1011	786	509	639	468	592
head_y(116)	905	1009	770	515	635	462	590
head_y(117)	900	1005	770	521	641	456	587
head_y(118)	896	1006	770	527	641	448	585
head_y(119)	890	1004	772	529	614	447	588
head_y(120)	886	1004	775	535	604	440	595
head_y(121)	883	999	772	543	598	438	595
head_y(122)	878	998		548	590	431	605
head_y(123)	872	990	772	553	584	430	605
head_y(124)	868	986	766	556	580	430	607
head_y(125)	864	980	762	563	574	427	605
head_y(126)	862	972	760	567	570	428	603
head_y(127)	867	972	758	573	564	426	601
head_y(128)	895	970	754	581	558	437	595
head_y(129)	895	968	756	587	554	437	605
head_y(130)	897	964	769	593	548	437	607
head_y(131)	899	964	768	599	546	441	609
head_y(132)	903	961	779	605	542	443	611
head_y(133)	905	957	779	609	540	447	613
head_y(134)	903	952	779	613	540	461	613
head_y(135)	906	950	780	621	542	457	615
head_y(136)	935	948	783	623	544	453	615
head_y(137)	937	942	783	628	538	451	617
head_y(138)	943	940	784	633	538	445	619
head_y(139)	947	936	785	640	554	431	621
head_y(140)	951	930	787	647	554	431	621
head_y(141)	955	928	787	652	555	433	624
head_y(142)	961	924	787	661	563	431	626
head_y(143)	965	920	789	665	563	433	631
head_y(144)	969	919	791	673	563	432	633
head_y(145)	973	914	797	679	560	433	632
head_y(146)	977	912	801	681	558	437	634
head_y(147)	979	910	807	685	551	439	635
head_y(148)	987	906	805	691	557	441	621

head_y(149)	989	904	798	690	565	441	619
head_y(150)	987	900	780	654	569	443	618
head_y(151)	981	902	783	654	575	445	629
head_y(152)	985	900	788	656	583	443	635
head_y(153)	983	898	794	660	589	444	637
head_y(154)	956	897	800	644	595	445	633
head_y(155)	956	893	798	638	599	449	631
head_y(156)	949	892	795	634	603	447	625
head_y(157)	942	890	796	634	606	442	618
head_y(158)	935	899	797	640	607	438	620
head_y(159)	928	896	799	647	611	433	625
head_y(160)	924	894	799	655	615	427	627
head_y(161)	918	898	799	661	621	420	627
head_y(162)	912	901	799	669	621	416	614
head_y(163)	908	899	799	675	625	404	607
head_y(164)	906	898	798	683	627	398	598
head_y(165)	902	899	795	689	631	405	592
head_y(166)	898	898	793	695	633	400	590
head_y(167)	894	903	793	699	639		592
head_y(168)	890	899	789	707	641	442	596
head_y(169)	888	898	788	711	645	444	601
head_y(170)	882	897	788	715	647	410	608
head_y(171)	878	895	786	719	653	404	615
head_y(172)	874	896	789	721	655	398	621
head_y(173)	868	898	789	727	656	390	627
head_y(174)	864	899	787	733	661	382	633
head_y(175)	860	899	785	739	665	378	637
head_y(176)	854	900	776	743	669	372	639
head_y(177)	850	902	775	749	673	366	643
head_y(178)	846	903	774	755	679	360	647
head_y(179)	842	906	770	763	679	354	644
head_y(180)	848	905	772	767	683	348	631
head_y(181)	866	905	793	773	685	342	624
head_y(182)	875	905	790	777	687	338	620
head_y(183)	883	906	789	781	691	336	617
head_y(184)	891	908	786	787	692	332	616
head_y(185)	895	907	784	793	699	326	631
head_y(186)			784	799	698	320	635
head_y(187)			782	805	701	316	632
head_y(188)			782	811	699	316	618
head_y(189)	889	913	782	817	693	316	614
head_y(190)	883	912	778	825	697	312	606
head_y(191)	876	917	778	829	699	349	603
head_y(192)	868	919	777	835	693	347	596
head_y(193)	862	921	768	839	685	349	600
head_y(194)	854	921	766	835	683	349	600
head_y(195)	852	923	789	843	684	347	602
head_y(196)	848	922	795	851	684	348	605
head_y(197)	844	923	797	859	684	347	605
head_y(198)	839	925	799	865	681	345	606

head_y(199)	832	926	798	873	679	330	598
head_y(200)	826	928	794	881	677	332	617
head_y(201)	820	926	771	887	672	330	617
head_y(202)	814	931	765	895	670	328	617
head_y(203)	810	935	764	900	668	325	617
head_y(204)	806	937	760	907	666	325	617
head_y(205)	802	938	758	913	662	322	617
head_y(206)	798	937	756	918	655	323	615
head_y(207)	796	924	752	927	652	325	619
head_y(208)	796	921	750	935	652	330	603
head_y(209)	798	917	748	941	646		607
head_y(210)	806	915	744	947	643	342	609
head_y(211)	830	914	742	950	642	341	612
head_y(212)	829	912	740	955	632	324	615
head_y(213)	828	913	740	955	631	318	615
head_y(214)	825	913	738	960	628	321	617
head_y(215)	822	925	736	967	626	327	617
head_y(216)	822	922	732	971	622	321	616
head_y(217)	833	923	731	938	618	322	616
head_y(218)	830	924	729	932	614	327	619
head_y(219)	828	921	728	936	612	331	618
head_y(220)	825	921	725	937	606	336	619
head_y(221)	822	904	722	937	602	340	621
head_y(222)	822	900	722	939	615	337	619
head_y(223)	817	898	720	939	614	343	610
head_y(224)	816	895	720	938	614	343	604
head_y(225)	812	892	722	937	617	344	606
head_y(226)	806	888	726	933	625	348	605
head_y(227)	806	886	727	930	632	347	615
head_y(228)	800	882	728	928	643	349	615
head_y(229)	800	880	729	957	649	348	615
head_y(230)	792	876	725	965	655	332	637
head_y(231)	790	874	723	969	661	337	639
head_y(232)	786	870	719	975	669	334	639
head_y(233)	786	866	720	977	673	362	640
head_y(234)	779	862	720	985	679	363	639
head_y(235)	773	858	737	991	683	336	639
head_y(236)	770	855	741	995	687	334	637
head_y(237)	766	852	742	1001	690	330	635
head_y(238)	766	848	735	1005	691	331	634
head_y(239)	764	849	733	1013	686	326	633
head_y(240)	760	844	735	1013	682	330	632
head_y(241)	756	842	735	1005	679	330	632
head_y(242)	752	838	737	1007	675	330	626
head_y(243)	744	834	740	1013	674	330	622
head_y(244)	746	832	727	1016	666	328	620
head_y(245)	745	828	715	1014	665	332	622
head_y(246)	744	826	711	1017	660	330	624
head_y(247)	744	823	708	1020	663	327	620
head_y(248)	748	818	704	1020	660	327	619

head_y(249)	746	816	702	1020	654	328	618
head_y(250)	745	812	704	1028	650	326	633
head_y(251)	745	808	703	1031	670	324	639
head_y(252)	742	806	706	1034	670	323	647
head_y(253)	743	802	712	1035	677	322	653
head_y(254)	740	800	724	1030	683	327	659
head_y(255)	737	798	724	1030	688	330	665
head_y(256)	738	794	723	1031	691	332	669
head_y(257)	738	794	727	1032	696	342	673
head_y(258)	736	788	728	1037	703	344	677
head_y(259)	734	788	729	1041	705	349	679
head_y(260)	732	784	728	1043	708	353	685
head_y(261)	728	780	728	1030	715	359	687
head_y(262)	728	774	727	1031	717	364	691
head_y(263)	724	770	729	1029	719	369	693
head_y(264)	724	767	726	1028	721	373	695
head_y(265)	726	762	726	1028	697	374	699
head_y(266)	727	761	725	1028	692	380	701
head_y(267)	727	761	726	1028	686	385	707
head_y(268)	727	760	722	1030	678	391	709
head_y(269)	726	757	722	1030	670	395	709
head_y(270)	728	752	721	1030	666	400	711
head_y(271)	725	748	716	1021	656	405	711
head_y(272)	720	749	716	1020	653	407	713
head_y(273)	719	741	716	1021	652	410	717
head_y(274)	717	738	712	1020	672	412	721
head_y(275)	710	736	712	1026	678	413	722
head_y(276)	711	736	712	1029	682	420	723
head_y(277)	708	736	712	1037	685	421	707
head_y(278)	706	734	706	1038	690	406	701
head_y(279)	706	733	708	1042	695	411	694
head_y(280)	706	732	708	1040	697	413	686
head_y(281)	706	732	706	1049	709	405	685
head_y(282)	706	732	706	1050	715	403	687
head_y(283)	708	729	708	1057	721	376	702
head_y(284)	706		706	1061		376	707
head_y(285)	709		704	1063		374	701
head_y(286)	704		702	1063		374	705
head_y(287)	705		701	1065		375	703
head_y(288)	703	727	696	1034	713	378	700
head_y(289)	703	720	693	1039	714	379	707
head_y(290)	702	716	692	1066	712	377	705
head_y(291)	707	716	689	1065	706	356	702
head_y(292)	709	716	686	1065	700	352	705
head_y(293)	713	714	684	1059	690	346	705
head_y(294)	715	712	682	1052	686	341	704
head_y(295)	719	714	682	1048	680	336	703
head_y(296)	720	716	684	1038	674	334	704
head_y(297)	723	719	691	1034	665	328	706
head_y(298)	725	717	686	1026	660	326	707

head_y(299)	729	720	682	1022	658	320	708
head_y(300)	732	747	680	1016	654	316	709
head_y(301)	737	747		1012	650	314	
head_y(302)	741	747		1011	656	306	
head_y(303)	745	747		1011	684	306	
head_y(304)	753	745		1014	695	308	
head_y(305)	757	745		1011	701	306	
head_y(306)	758	743		1010	708	310	
head_y(307)	761	743		1011		343	
head_y(308)	763	740		1010		343	
head_y(309)	765	737		1007		343	
head_y(310)	767	738				343	
head_y(311)	769	738		1003		342	
head_y(312)	777	737		1006	718	342	
head_y(313)	783	735		1007	716	344	
head_y(314)	787	735	711	1006	712	367	703
head_y(315)	793	761	709	1007	703	371	706
head_y(316)	799	763	706	1008	697	379	709
head_y(317)	805	768	706	1014	693	381	715
head_y(318)	811	770	705	1023	686	389	718
head_y(319)	815	772	706	1025	681	392	721
head_y(320)	820	777	705	1029	676	399	724
head_y(321)	825	779	702	1036	672	401	729
head_y(322)	831	783		1041	670	401	
head_y(323)	833	785	706	1045	667	403	733
head_y(324)	829	785	702	1047	662	404	736
head_y(325)	829	789	704	1049	658	396	739
head_y(326)	820	791	704	1045	654	397	739
head_y(327)	806	793	699	1042	650	398	734
head_y(328)	808	795	698	1036	648	399	727
head_y(329)	808	797	698	1028	644	399	709
head_y(330)	829	799	699	1020	638	398	704
head_y(331)	833	800	700	1012	634	403	702
head_y(332)	837	803		1008	630	404	
head_y(333)	834	804	696	1002	626	406	729
head_y(334)	833	809	696	998	620	406	735
head_y(335)	833	811	696	994	616	406	735
head_y(336)	823	810	694	990	610	404	736
head_y(337)	799	813	694	988	608	409	737
head_y(338)	792	815		982	602	410	
head_y(339)	789	818	691	983	598	411	743
head_y(340)	786	819	691	979	592	413	744
head_y(341)	784	821	686	976	584	417	745
head_y(342)	781	794	688	973	582	417	749
head_y(343)	779	794	686	973	586	419	747
head_y(344)	775	794	684	969	590	422	749
head_y(345)	773	792	684	968	582	423	751
head_y(346)	768	792	682	969	577	422	757
head_y(347)	769	792	678	964	572	408	754
head_y(348)	766	793	678	965	570	404	755

head_y(349)	765	784	678	963	564	399	759
head_y(350)	762	780	674	964	563	397	759
head_y(351)	765	776	672	963	560	400	761
head_y(352)	764	774	670	961	557	400	763
head_y(353)	759	768	668	957	556	398	765
head_y(354)	752	762	665	957	552	395	770
head_y(355)	748	758	662	951	547	389	769
head_y(356)	740	754	658	950	543	387	765
head_y(357)	736	748	654	949	540	385	766
head_y(358)	732	744	652	943	545	385	773
head_y(359)	730	740	650	944	547	386	777
spinepoint_1_x(0)	1302	1213	1474	1017	1467	1112	1351
spinepoint_1_x(1)	1307	1216	1475	1014	1473	1113	1349
spinepoint_1_x(2)	1300	1221	1479	1013	1480	1112	1349
spinepoint_1_x(3)	1301	1222	1480	1015	1486	1111	1350
spinepoint_1_x(4)	1301	1228	1481	1011	1492	1111	1350
spinepoint_1_x(5)	1302	1245	1484	1008	1495	1113	1350
spinepoint_1_x(6)	1304	1249	1488	1008	1500	1114	1350
spinepoint_1_x(7)	1309	1254	1488	1009	1501	1112	1350
spinepoint_1_x(8)	1316	1258	1492	1014	1509	1112	1348
spinepoint_1_x(9)	1323	1262	1495	1014	1511	1112	1350
spinepoint_1_x(10)	1329	1267	1497	1014	1513	1114	1352
spinepoint_1_x(11)	1336	1270	1499	1012	1517	1112	1350
spinepoint_1_x(12)	1341	1274	1501	1011	1523	1116	1352
spinepoint_1_x(13)	1344	1277	1502	1011	1527	1117	1354
spinepoint_1_x(14)	1344	1284	1502	1014	1532	1117	1351
spinepoint_1_x(15)	1341	1288	1485	1017	1537	1115	1352
spinepoint_1_x(16)	1339	1290	1486	1020	1539	1116	1354
spinepoint_1_x(17)	1336	1297	1482	1026	1539	1114	1353
spinepoint_1_x(18)	1332	1299	1484	1031	1536	1112	1352
spinepoint_1_x(19)	1332	1301	1484	1034	1536	1112	1353
spinepoint_1_x(20)	1334	1306	1485	1038	1538	1113	1353
spinepoint_1_x(21)	1329	1308	1472	1044	1539	1113	1352
spinepoint_1_x(22)	1332	1311	1467	1049	1540	1112	1352
spinepoint_1_x(23)	1331	1315	1464	1053	1540	1114	1351
spinepoint_1_x(24)	1330	1319	1463	1052	1538	1115	1348
spinepoint_1_x(25)	1329	1306	1463	1052	1537	1114	1345
spinepoint_1_x(26)	1329	1306	1463	1052	1537	1114	1345
spinepoint_1_x(27)	1331	1311	1458	1052	1532	1113	1341
spinepoint_1_x(28)	1331	1313	1456	1052	1528	1114	1337
spinepoint_1_x(29)	1333	1314	1453	1052	1521	1114	1337
spinepoint_1_x(30)	1333	1318	1452	1052	1517	1114	1338
spinepoint_1_x(31)	1331	1320	1451	1056	1511	1114	1340
spinepoint_1_x(32)	1329	1322	1445	1060	1502	1114	1339
spinepoint_1_x(33)			1444	1062	1500	1111	1338
spinepoint_1_x(34)			1445	1066	1498	1110	1351
spinepoint_1_x(35)			1443	1070	1497	1110	1354
spinepoint_1_x(36)			1442	1073	1498	1110	1354
spinepoint_1_x(37)			1439	1076	1496	1111	1354
spinepoint_1_x(38)			1438	1081	1495	1110	1354

spinepoint_1_x(39)			1437	1086	1495	1110	1355
spinepoint_1_x(40)	1331	1304	1437	1089	1492	1111	1358
spinepoint_1_x(41)	1339	1300	1439	1092	1489	1110	1356
spinepoint_1_x(42)	1347	1297	1437	1096	1481	1110	1354
spinepoint_1_x(43)	1354	1294	1439	1099	1482	1108	1355
spinepoint_1_x(44)	1362	1292	1446	1100	1476	1110	1354
spinepoint_1_x(45)	1367	1289	1445	1105	1476	1109	1354
spinepoint_1_x(46)	1373	1287	1445	1108	1481	1111	1354
spinepoint_1_x(47)	1379	1282	1441	1113	1485	1109	1354
spinepoint_1_x(48)	1384	1278	1443	1118	1485	1110	1364
spinepoint_1_x(49)	1392	1272	1445	1121	1479	1110	1369
spinepoint_1_x(50)	1394	1267	1445	1123	1477	1110	1371
spinepoint_1_x(51)	1395	1264	1445	1123	1474	1096	1376
spinepoint_1_x(52)	1382	1258	1447	1124	1473	1096	1378
spinepoint_1_x(53)	1377	1255	1446	1126	1474	1094	1377
spinepoint_1_x(54)	1365	1253	1450	1127	1472	1092	1380
spinepoint_1_x(55)	1359	1250	1448	1123	1473	1092	1383
spinepoint_1_x(56)	1353	1247	1446	1116	1474	1090	1387
spinepoint_1_x(57)	1347	1244	1444	1111	1475	1090	1384
spinepoint_1_x(58)	1344	1244	1446	1104	1472	1089	1385
spinepoint_1_x(59)	1341	1245	1447	1095	1474	1089	1380
spinepoint_1_x(60)	1339	1242	1447	1094	1477	1090	1366
spinepoint_1_x(61)	1340	1243	1447	1091	1475	1090	1362
spinepoint_1_x(62)	1339	1247	1447	1091	1478	1088	1363
spinepoint_1_x(63)	1337	1247	1448	1094	1485	1086	1362
spinepoint_1_x(64)	1335	1246	1451	1098	1490	1091	1363
spinepoint_1_x(65)	1336	1249	1452	1107	1482	1094	1362
spinepoint_1_x(66)	1334	1248	1451	1111	1473	1092	1360
spinepoint_1_x(67)	1331	1248	1453	1119	1467	1092	1356
spinepoint_1_x(68)	1330	1248	1452	1124	1465	1094	1353
spinepoint_1_x(69)	1328	1249	1451	1128	1463	1090	1351
spinepoint_1_x(70)	1329	1249	1452	1133	1466	1088	1345
spinepoint_1_x(71)	1329	1252	1452	1139	1467	1086	1342
spinepoint_1_x(72)	1329	1253	1453	1145	1474	1077	1341
spinepoint_1_x(73)	1324	1257	1443	1146	1485	1078	1341
spinepoint_1_x(74)	1321	1261	1448	1149	1490	1080	1339
spinepoint_1_x(75)	1334	1265	1446	1148	1498	1077	1343
spinepoint_1_x(76)	1330	1269	1443	1147	1502	1077	1344
spinepoint_1_x(77)	1326	1272	1442	1146	1506	1075	1344
spinepoint_1_x(78)	1330	1278	1439	1144	1510	1072	1345
spinepoint_1_x(79)	1332	1281	1438	1139	1516	1072	1349
spinepoint_1_x(80)	1331	1283	1438	1135	1517	1069	1351
spinepoint_1_x(81)	1325	1285	1435	1131	1522	1068	1353
spinepoint_1_x(82)	1323	1289	1434	1129	1526	1064	1355
spinepoint_1_x(83)	1319	1293	1432	1127	1533	1062	1355
spinepoint_1_x(84)	1314	1296	1432	1121	1535	1059	1354
spinepoint_1_x(85)	1311	1297	1429	1116	1541	1053	1354
spinepoint_1_x(86)	1309	1300	1430	1113	1541	1050	1356
spinepoint_1_x(87)	1304	1305	1429	1110	1544	1048	1356
spinepoint_1_x(88)			1428	1106	1547	1041	1357

spinepoint_1_x(89)			1429	1104	1549	1044	1348
spinepoint_1_x(90)			1431	1099	1547	1040	1352
spinepoint_1_x(91)			1430	1091	1539	1035	1356
spinepoint_1_x(92)			1432	1086	1532	1032	1358
spinepoint_1_x(93)			1435	1079	1524	1031	1359
spinepoint_1_x(94)			1438	1077	1514	1029	1361
spinepoint_1_x(95)			1437	1069	1511	1032	1364
spinepoint_1_x(96)	1282	1327	1440	1063	1504	1040	1369
spinepoint_1_x(97)	1281	1331	1440		1499		1373
spinepoint_1_x(98)	1282	1336	1443		1494		1375
spinepoint_1_x(99)	1281	1341	1444	1065	1487	1047	1373
spinepoint_1_x(100)	1280	1346	1447	1062	1481	1048	1359
spinepoint_1_x(101)	1279	1349	1451	1061	1479	1048	1360
spinepoint_1_x(102)	1281	1354	1452	1061	1476	1050	1355
spinepoint_1_x(103)	1283	1356	1456	1065	1472	1051	1347
spinepoint_1_x(104)	1286	1357	1453		1469		1342
spinepoint_1_x(105)	1288	1360	1453	1075	1465	1045	1334
spinepoint_1_x(106)	1290	1360	1454	1078	1462	1046	1333
spinepoint_1_x(107)	1292	1356	1457	1085	1463		1326
spinepoint_1_x(108)	1292	1358	1458	1089	1468	1041	1330
spinepoint_1_x(109)	1294	1353	1457	1095	1468	1046	1333
spinepoint_1_x(110)	1295	1351	1459	1099	1465	1048	1332
spinepoint_1_x(111)	1296	1352	1461	1104	1460	1054	1330
spinepoint_1_x(112)	1295	1350	1463	1107	1454	1052	1330
spinepoint_1_x(113)	1296	1346	1467	1110	1451	1055	1334
spinepoint_1_x(114)	1296	1342	1466	1112	1446	1058	1337
spinepoint_1_x(115)	1297	1338	1462	1117	1443	1059	1348
spinepoint_1_x(116)	1298	1334	1462	1120	1454	1064	1356
spinepoint_1_x(117)	1300	1329	1464	1120	1457	1065	1359
spinepoint_1_x(118)	1303	1323	1464	1120	1453	1070	1357
spinepoint_1_x(119)	1305	1321	1465	1119	1451	1071	1353
spinepoint_1_x(120)	1309	1315	1469	1122	1451	1072	1355
spinepoint_1_x(121)	1312	1314	1470	1121	1453	1074	1350
spinepoint_1_x(122)	1315	1311		1122	1454	1073	1334
spinepoint_1_x(123)	1317	1307	1468	1120	1456	1072	1333
spinepoint_1_x(124)	1320	1305	1462	1117	1458	1057	1335
spinepoint_1_x(125)	1321	1303	1464	1114	1459	1058	1331
spinepoint_1_x(126)	1321	1300	1462	1114	1460	1060	1329
spinepoint_1_x(127)	1319	1298	1462	1114	1463	1065	1330
spinepoint_1_x(128)	1312	1296	1461	1116	1464	1068	1331
spinepoint_1_x(129)	1314	1293	1460	1115	1464	1071	1329
spinepoint_1_x(130)	1317	1291	1459	1118	1466	1074	1332
spinepoint_1_x(131)	1316	1288	1464	1118	1468	1074	1337
spinepoint_1_x(132)	1318	1285	1465	1118	1470	1078	1340
spinepoint_1_x(133)	1318	1285	1469	1118	1472	1083	1342
spinepoint_1_x(134)	1318	1281	1469	1118	1468	1072	1342
spinepoint_1_x(135)	1319	1278	1474	1120	1463	1074	1343
spinepoint_1_x(136)	1322	1275	1475	1121	1453	1076	1344
spinepoint_1_x(137)	1320	1276	1478	1124	1455	1078	1348
spinepoint_1_x(138)	1320	1275	1482	1125	1457	1090	1348

spinepoint_1_x(139)	1320	1274	1482	1128	1456	1108	1352
spinepoint_1_x(140)	1320	1272	1485	1130	1453	1110	1354
spinepoint_1_x(141)	1319	1271	1488	1132	1447	1117	1358
spinepoint_1_x(142)	1318	1271	1489	1134	1436	1124	1359
spinepoint_1_x(143)	1316	1272	1494	1134	1436	1127	1362
spinepoint_1_x(144)	1316	1270	1494	1135	1440	1132	1365
spinepoint_1_x(145)	1318	1268	1496	1134	1440	1138	1365
spinepoint_1_x(146)	1318	1268	1500	1134	1446	1142	1366
spinepoint_1_x(147)	1318	1268	1499	1136	1462	1146	1366
spinepoint_1_x(148)	1316	1268	1500	1137	1464	1151	1366
spinepoint_1_x(149)	1316	1268	1500	1136	1473	1156	1369
spinepoint_1_x(150)	1319	1269	1502	1132	1476	1162	1368
spinepoint_1_x(151)	1323	1272	1504	1132	1481	1165	1366
spinepoint_1_x(152)	1324	1272	1500	1132	1482	1171	1365
spinepoint_1_x(153)	1324	1270	1491	1129	1485	1178	1365
spinepoint_1_x(154)	1316	1270	1487	1116	1487	1182	1362
spinepoint_1_x(155)	1311	1270	1482	1120	1489	1190	1358
spinepoint_1_x(156)	1307	1269	1478	1124	1491	1195	1354
spinepoint_1_x(157)	1305	1267	1476	1129	1494	1198	1345
spinepoint_1_x(158)	1306	1264	1473	1133	1496	1205	1341
spinepoint_1_x(159)	1308	1265	1471	1142	1500	1208	1342
spinepoint_1_x(160)	1309	1264	1469	1149	1501	1216	1337
spinepoint_1_x(161)	1312	1263	1465	1151	1500	1223	1342
spinepoint_1_x(162)	1314	1264	1464	1156	1500	1226	1351
spinepoint_1_x(163)	1314	1266	1460	1154	1500	1228	1353
spinepoint_1_x(164)	1315	1268	1458	1154	1501	1228	1354
spinepoint_1_x(165)	1319	1267	1454	1150	1505	1250	1353
spinepoint_1_x(166)	1321	1272	1450	1148	1508	1259	1347
spinepoint_1_x(167)	1322	1271	1452	1144	1508		1343
spinepoint_1_x(168)	1323	1271	1448	1143	1509	1265	1334
spinepoint_1_x(169)	1323	1270	1446	1142	1510	1275	1330
spinepoint_1_x(170)	1322	1274	1444	1141	1512	1278	1326
spinepoint_1_x(171)	1322	1278	1442	1137	1515	1276	1326
spinepoint_1_x(172)	1322	1280	1437	1134	1515	1276	1328
spinepoint_1_x(173)	1324	1284	1436	1130	1518	1276	1329
spinepoint_1_x(174)	1324	1288	1436	1128	1520	1274	1332
spinepoint_1_x(175)	1324	1292	1436	1125	1521	1275	1335
spinepoint_1_x(176)	1324	1294	1439	1122	1522	1272	1336
spinepoint_1_x(177)	1326	1297	1439	1120	1523	1272	1337
spinepoint_1_x(178)	1328	1302	1438	1120	1526	1272	1338
spinepoint_1_x(179)	1328	1304	1437	1120	1525	1270	1341
spinepoint_1_x(180)	1329	1309	1435	1122	1528	1270	1341
spinepoint_1_x(181)	1332	1311	1436	1120	1528	1270	1346
spinepoint_1_x(182)	1339	1314	1434	1119	1534	1268	1349
spinepoint_1_x(183)	1339	1319	1431	1118	1536	1266	1352
spinepoint_1_x(184)	1338	1321	1428	1113	1536	1264	1352
spinepoint_1_x(185)	1335	1322	1424	1110	1541	1261	1353
spinepoint_1_x(186)			1420	1110	1541	1260	1353
spinepoint_1_x(187)			1418	1112	1543	1256	1351
spinepoint_1_x(188)			1414	1112	1546	1253	1348

spinepoint_1_x(189)	1308	1343	1410	1112	1547	1251	1349
spinepoint_1_x(190)	1302	1344	1408	1112	1546	1249	1344
spinepoint_1_x(191)	1300	1349	1406	1112	1542	1252	1342
spinepoint_1_x(192)	1296	1350	1403	1108	1536	1250	1333
spinepoint_1_x(193)	1295	1351	1403	1100	1528	1254	1331
spinepoint_1_x(194)	1296	1353	1401	1095	1521	1254	1320
spinepoint_1_x(195)	1297	1358	1401	1089	1517	1254	1317
spinepoint_1_x(196)	1295	1361	1402	1089	1513	1250	1309
spinepoint_1_x(197)	1293	1363	1400	1089	1506	1252	1304
spinepoint_1_x(198)	1290	1366	1398	1089	1501	1250	1302
spinepoint_1_x(199)	1289	1368	1395	1087	1495	1247	1309
spinepoint_1_x(200)	1290	1373	1400	1086	1488	1244	1318
spinepoint_1_x(201)	1288	1377	1406	1087	1480	1246	1319
spinepoint_1_x(202)	1288	1382	1408	1084	1480	1244	1320
spinepoint_1_x(203)	1286	1384	1408	1085	1475	1245	1320
spinepoint_1_x(204)	1284	1386	1412	1083	1473	1237	1318
spinepoint_1_x(205)	1286	1388	1409	1083	1469	1236	1320
spinepoint_1_x(206)	1285	1391	1409	1084	1463	1232	1319
spinepoint_1_x(207)	1284	1390	1409	1086	1462	1230	1320
spinepoint_1_x(208)	1282	1389	1408	1086	1461	1228	1331
spinepoint_1_x(209)	1284	1389	1412	1085	1459		1334
spinepoint_1_x(210)	1289	1391	1412	1083	1457	1229	1340
spinepoint_1_x(211)	1285	1392	1415	1083	1452	1230	1343
spinepoint_1_x(212)	1282	1392	1414	1078	1454	1236	1347
spinepoint_1_x(213)	1280	1392	1417	1070	1456	1234	1351
spinepoint_1_x(214)	1281	1392	1419	1067	1458	1237	1355
spinepoint_1_x(215)	1278	1391	1422	1063	1459	1239	1359
spinepoint_1_x(216)	1274	1378	1423	1064	1460	1248	1358
spinepoint_1_x(217)	1257	1378	1424	1076	1458	1254	1361
spinepoint_1_x(218)	1253	1376	1427	1075	1456	1260	1365
spinepoint_1_x(219)	1249	1378	1429	1076	1456	1267	1364
spinepoint_1_x(220)	1243	1377	1431	1076	1455	1273	1367
spinepoint_1_x(221)	1239	1385	1433	1077	1454	1279	1369
spinepoint_1_x(222)	1236	1382	1435	1077	1461	1279	1368
spinepoint_1_x(223)	1231	1381	1435	1079	1463	1284	1368
spinepoint_1_x(224)	1228	1380	1437	1081	1473	1286	1368
spinepoint_1_x(225)	1222	1379	1441	1084	1477	1294	1371
spinepoint_1_x(226)	1219	1380	1443	1087	1484	1303	1364
spinepoint_1_x(227)	1214	1378	1444	1090	1489	1308	1347
spinepoint_1_x(228)	1211	1378	1448	1094	1493	1318	1347
spinepoint_1_x(229)	1203	1378	1449	1109	1492	1323	1347
spinepoint_1_x(230)	1202	1376	1449	1109	1493	1330	1350
spinepoint_1_x(231)	1197	1375	1449	1109	1493	1330	1344
spinepoint_1_x(232)	1195	1374	1450	1110	1490	1330	1339
spinepoint_1_x(233)	1191	1374	1449	1111	1490	1328	1333
spinepoint_1_x(234)	1189	1373	1448	1115	1488	1331	1330
spinepoint_1_x(235)	1187	1373	1445	1117	1487	1321	1326
spinepoint_1_x(236)	1183	1372	1445	1119	1486	1316	1320
spinepoint_1_x(237)	1183	1371	1446	1117	1482	1322	1316
spinepoint_1_x(238)	1181	1371	1451	1116	1475	1320	1309

spinepoint_1_x(239)	1175	1370	1453	1113	1468	1314	1306
spinepoint_1_x(240)	1173	1370	1454	1113	1462	1318	1301
spinepoint_1_x(241)	1168	1370	1457	1119	1460	1314	1297
spinepoint_1_x(242)	1165	1370	1457	1125	1454	1311	1292
spinepoint_1_x(243)	1161	1370	1455	1130	1447	1309	1290
spinepoint_1_x(244)	1161	1372	1449	1137	1441	1305	1287
spinepoint_1_x(245)	1156	1372	1439	1145	1437	1285	1286
spinepoint_1_x(246)	1151	1374	1440	1151	1434	1278	1281
spinepoint_1_x(247)	1146	1374	1443	1161	1433	1272	1278
spinepoint_1_x(248)	1144	1376	1441	1168	1442	1266	1275
spinepoint_1_x(249)	1136	1376	1443	1174	1449	1262	1276
spinepoint_1_x(250)	1135	1377	1447	1181	1452	1255	1275
spinepoint_1_x(251)	1131	1378	1447	1186	1440	1250	1276
spinepoint_1_x(252)	1125	1380	1448	1193	1436	1243	1277
spinepoint_1_x(253)	1119	1382	1442	1198	1430	1240	1278
spinepoint_1_x(254)	1119	1384	1429	1201	1429	1237	1281
spinepoint_1_x(255)	1115	1388	1432	1205	1423	1232	1284
spinepoint_1_x(256)	1110	1389	1429	1214	1418	1227	1286
spinepoint_1_x(257)	1109	1391	1427	1217	1416	1221	1287
spinepoint_1_x(258)	1103	1394	1422	1223	1412	1218	1288
spinepoint_1_x(259)	1097	1396	1422	1230	1409	1213	1289
spinepoint_1_x(260)	1094	1400	1420	1233	1405	1208	1291
spinepoint_1_x(261)	1089	1403	1420	1230	1400	1203	1292
spinepoint_1_x(262)	1087	1407	1418	1212	1400	1200	1294
spinepoint_1_x(263)	1081	1408	1415	1213	1403	1195	1294
spinepoint_1_x(264)	1077	1410	1414	1214	1403	1189	1296
spinepoint_1_x(265)	1076	1414	1412	1213	1400	1185	1297
spinepoint_1_x(266)	1070	1415	1408	1216	1395	1181	1298
spinepoint_1_x(267)	1068	1419	1408	1213	1389	1177	1299
spinepoint_1_x(268)	1063	1419	1405	1213	1387	1174	1299
spinepoint_1_x(269)	1058	1423	1402	1215	1383	1172	1301
spinepoint_1_x(270)	1054	1422	1403	1217	1380	1169	1302
spinepoint_1_x(271)	1051	1425	1399	1242	1378	1167	1302
spinepoint_1_x(272)	1046	1425	1398	1247	1379	1165	1307
spinepoint_1_x(273)	1043	1430	1395	1254	1379	1162	1308
spinepoint_1_x(274)	1041	1427	1395	1260	1392	1158	1310
spinepoint_1_x(275)	1038	1428	1392	1267	1399	1159	1311
spinepoint_1_x(276)	1035	1429	1392	1271	1401	1156	1312
spinepoint_1_x(277)	1030	1433	1391	1278	1411	1156	1315
spinepoint_1_x(278)	1026	1436	1387	1279	1415	1152	1315
spinepoint_1_x(279)	1021	1437	1387	1286	1422	1157	1319
spinepoint_1_x(280)	1017	1438	1386	1291	1424	1159	1321
spinepoint_1_x(281)	1013	1439	1383	1295	1431	1161	1320
spinepoint_1_x(282)	1006	1441	1381	1296	1432	1166	1321
spinepoint_1_x(283)	1003	1439	1380	1301	1434	1168	1322
spinepoint_1_x(284)	998		1379	1303		1168	1323
spinepoint_1_x(285)	990		1377	1306		1166	1323
spinepoint_1_x(286)	985		1374	1307		1168	1325
spinepoint_1_x(287)	984		1374	1310		1169	1326
spinepoint_1_x(288)	980	1443	1372	1291	1427	1169	1326

spinepoint_1_x(289)	978	1442	1371	1291	1422	1164	1330
spinepoint_1_x(290)	971	1441	1369	1287	1415	1165	1332
spinepoint_1_x(291)	968	1442	1368	1280	1409	1174	1335
spinepoint_1_x(292)	966	1441	1366	1273	1403	1174	1338
spinepoint_1_x(293)	961	1440	1367	1266	1397	1174	1340
spinepoint_1_x(294)	958	1441	1365	1258	1394	1174	1343
spinepoint_1_x(295)	954	1439	1364	1255	1392	1173	1346
spinepoint_1_x(296)	951	1436	1367	1251	1390	1172	1348
spinepoint_1_x(297)	945	1441	1373	1248	1389	1173	1350
spinepoint_1_x(298)	941	1439	1372	1248	1389	1172	1350
spinepoint_1_x(299)	937	1440	1371	1249	1387	1172	1355
spinepoint_1_x(300)	933	1439	1371	1251	1390	1170	1358
spinepoint_1_x(301)	930	1439		1256	1386	1171	
spinepoint_1_x(302)	929	1440		1262	1390	1172	
spinepoint_1_x(303)	926	1438		1270	1397	1173	
spinepoint_1_x(304)	924	1438		1274	1396	1175	
spinepoint_1_x(305)	921	1440		1279	1395	1174	
spinepoint_1_x(306)	918	1440		1281	1393	1175	
spinepoint_1_x(307)	916	1443		1289		1174	
spinepoint_1_x(308)	913	1446		1294		1174	
spinepoint_1_x(309)	907	1450		1301		1175	
spinepoint_1_x(310)	905	1452				1174	
spinepoint_1_x(311)	900	1455		1304		1173	
spinepoint_1_x(312)	897	1460		1302	1399	1176	
spinepoint_1_x(313)	893	1462		1312	1402	1175	
spinepoint_1_x(314)	893	1463	1351	1316	1403	1168	1322
spinepoint_1_x(315)	894	1474	1351	1317	1408	1167	1318
spinepoint_1_x(316)	893	1472	1350	1317	1411	1170	1315
spinepoint_1_x(317)	894	1472	1346	1323	1415	1170	1311
spinepoint_1_x(318)	897	1472	1345	1324	1418	1172	1309
spinepoint_1_x(319)	900	1472	1343	1323	1420	1172	1308
spinepoint_1_x(320)	904	1472	1339	1323	1423	1174	1304
spinepoint_1_x(321)	907	1470	1338	1323	1425	1174	1302
spinepoint_1_x(322)	907	1467		1321	1426	1175	
spinepoint_1_x(323)	905	1466	1336	1317	1430	1176	1300
spinepoint_1_x(324)	899	1464	1332	1314	1431	1175	1297
spinepoint_1_x(325)	898	1463	1331	1310	1433	1169	1297
spinepoint_1_x(326)	900	1461	1330	1301	1434	1167	1297
spinepoint_1_x(327)	903	1460	1327	1297	1437	1165	1297
spinepoint_1_x(328)	904	1457	1326	1295	1440	1161	1298
spinepoint_1_x(329)	904	1455	1325	1288	1442	1158	1298
spinepoint_1_x(330)	903	1454	1323	1287	1443	1152	1295
spinepoint_1_x(331)	900	1451	1320	1284	1445	1148	1291
spinepoint_1_x(332)	897	1449		1285	1450	1142	
spinepoint_1_x(333)	895	1448	1315	1285	1451	1135	1299
spinepoint_1_x(334)	895	1445	1314	1287	1454	1131	1302
spinepoint_1_x(335)	894	1443	1312	1291	1453	1126	1306
spinepoint_1_x(336)	891	1441	1309	1295	1452	1121	1309
spinepoint_1_x(337)	889	1439	1306	1298	1455	1115	1314
spinepoint_1_x(338)	888	1438		1304	1456	1110	

spinepoint_1_x(339)	884	1440	1303	1304	1459	1102	1318
spinepoint_1_x(340)	878	1443	1301	1310	1462	1097	1320
spinepoint_1_x(341)	869	1445	1300	1313	1461	1092	1323
spinepoint_1_x(342)	864	1451	1298	1316	1461	1088	1327
spinepoint_1_x(343)	855	1451	1296	1321	1459	1082	1330
spinepoint_1_x(344)	852	1451	1293	1323	1453	1080	1334
spinepoint_1_x(345)	847	1450	1293	1326	1453	1078	1335
spinepoint_1_x(346)	844	1453	1289	1332	1450	1072	1339
spinepoint_1_x(347)	841	1456	1289	1335	1448	1092	1340
spinepoint_1_x(348)	836	1457	1286	1340	1445	1087	1341
spinepoint_1_x(349)	835	1474	1287	1343	1439	1083	1344
spinepoint_1_x(350)	831	1476	1281	1349	1437	1077	1347
spinepoint_1_x(351)	828	1478	1283	1354	1432	1072	1352
spinepoint_1_x(352)	824	1480	1286	1359	1429	1068	1353
spinepoint_1_x(353)	822	1482	1287	1364	1426	1065	1355
spinepoint_1_x(354)	825	1483	1287	1368	1423	1063	1358
spinepoint_1_x(355)	826	1482	1286	1373	1418	1059	1359
spinepoint_1_x(356)	828	1483	1286	1377	1416	1058	1358
spinepoint_1_x(357)	827	1482	1286	1382	1413	1057	1359
spinepoint_1_x(358)	831	1482	1285	1386	1411	1059	1357
spinepoint_1_x(359)	836	1480	1286	1388	1408	1056	1355
spinepoint_1_y(0)	991	982	915	708	672	625	579
spinepoint_1_y(1)	985	980	914	701	670	624	580
spinepoint_1_y(2)	990	976	916	692	669	626	580
spinepoint_1_y(3)	989	975	916	686	665	626	579
spinepoint_1_y(4)	986	972	919	684	661	627	576
spinepoint_1_y(5)	986	963	921	679	659	625	579
spinepoint_1_y(6)	987	961	921	673	660	623	579
spinepoint_1_y(7)	988	958	920	666	661	624	579
spinepoint_1_y(8)	991	958	921	656	664	625	578
spinepoint_1_y(9)	993	956	922	649	666	626	578
spinepoint_1_y(10)	995	956	923	642	667	622	577
spinepoint_1_y(11)	996	956	924	634	671	620	577
spinepoint_1_y(12)	997	955	924	629	672	619	577
spinepoint_1_y(13)	997	955	925	620	671	619	577
spinepoint_1_y(14)	996	954	920	614	672	621	578
spinepoint_1_y(15)	992	954	915	609	671	617	578
spinepoint_1_y(16)	984	954	916	604	673	614	577
spinepoint_1_y(17)	979	955	915	600	672	615	579
spinepoint_1_y(18)	972	957	915	596	666	613	582
spinepoint_1_y(19)	972	959	913	591	662	614	582
spinepoint_1_y(20)	979	962	913	583	656	614	584
spinepoint_1_y(21)	990	963	900	573	650	614	586
spinepoint_1_y(22)	993	963	901	570	645	616	585
spinepoint_1_y(23)	995	965	902	565	637	616	585
spinepoint_1_y(24)	999	969	903	560	633	617	584
spinepoint_1_y(25)	1002	962	903	555	625	616	583
spinepoint_1_y(26)	1002	962	903	555	625	616	583
spinepoint_1_y(27)	1006	965	903	545	620	612	581
spinepoint_1_y(28)	1011	966	902	539	616	608	577

spinepoint_1_y(29)	1015	967	899	530	610	609	573
spinepoint_1_y(30)	1016	972	897	525	608	608	570
spinepoint_1_y(31)	1011	974	895	516	608	610	568
spinepoint_1_y(32)	1012	978	893	510	609	607	568
spinepoint_1_y(33)			890	503	610	604	569
spinepoint_1_y(34)			889	500	606	600	583
spinepoint_1_y(35)			885	493	605	603	579
spinepoint_1_y(36)			884	488	604	601	580
spinepoint_1_y(37)			882	479	614	600	582
spinepoint_1_y(38)			879	475	620	597	583
spinepoint_1_y(39)			876	471	625	594	583
spinepoint_1_y(40)	1004	1021	876	468	631	599	586
spinepoint_1_y(41)	1008	1024	870	460	634	597	584
spinepoint_1_y(42)	1011	1028	867	451	637	596	581
spinepoint_1_y(43)	1011	1031	867	443	641	597	582
spinepoint_1_y(44)	1009	1034	869	436	644	596	580
spinepoint_1_y(45)	1008	1036	867	430	648	596	579
spinepoint_1_y(46)	1004	1037	867	426	651	597	580
spinepoint_1_y(47)	1002	1038	871	419	652	594	580
spinepoint_1_y(48)	1000	1038	887	415	652	595	571
spinepoint_1_y(49)	996	1037	890	409	645	594	574
spinepoint_1_y(50)	994	1036	888	408	639	593	577
spinepoint_1_y(51)	991	1037	885	408	630	581	581
spinepoint_1_y(52)	991	1034	887	416	624	581	584
spinepoint_1_y(53)	991	1033	886	423	621	579	585
spinepoint_1_y(54)	992	1035	888	432	618	574	585
spinepoint_1_y(55)	995	1035	888	437	612	572	582
spinepoint_1_y(56)	998	1036	886	443	606	567	583
spinepoint_1_y(57)	1003	1035	869	445	602	564	580
spinepoint_1_y(58)	1007	1034	865	446	597	558	575
spinepoint_1_y(59)	1011	1033	858	444	591	557	584
spinepoint_1_y(60)	1021	1030	856	439	590	551	582
spinepoint_1_y(61)	1027	1031	851	431	590	548	583
spinepoint_1_y(62)	1030	1035	849	426	595	549	581
spinepoint_1_y(63)	1032	1037	848	422	598	549	579
spinepoint_1_y(64)	1038	1037	844	419	598	555	579
spinepoint_1_y(65)	1043	1034	845	417	596	549	580
spinepoint_1_y(66)	1047	1031	846	418	593	551	579
spinepoint_1_y(67)	1051	1031	847	418	592	549	579
spinepoint_1_y(68)	1058	1028	843	421	589	542	577
spinepoint_1_y(69)	1062	1025	842	423	587	542	577
spinepoint_1_y(70)	1070	1020	839	427	592	542	576
spinepoint_1_y(71)	1071	1018	837	432	594	546	575
spinepoint_1_y(72)	1074	1013	839	437	599	562	574
spinepoint_1_y(73)	1069	1009	859	438	604	558	574
spinepoint_1_y(74)	1064	1006	854	443	606	558	573
spinepoint_1_y(75)	1064	1004	839	449	610	544	571
spinepoint_1_y(76)	1059	1003	833	453	612	546	573
spinepoint_1_y(77)	1062	1002	831	459	614	548	573
spinepoint_1_y(78)	1067	1004	827	464	619	547	574

spinepoint_1_y(79)	1067	1005	824	469	624	543	572
spinepoint_1_y(80)	1062	1007	823	472	625	542	571
spinepoint_1_y(81)	1059	1008	819	477	628	540	570
spinepoint_1_y(82)	1055	1010	817	480	630	537	571
spinepoint_1_y(83)	1051	1013	813	485	633	534	571
spinepoint_1_y(84)	1048	1017	810	487	633	532	572
spinepoint_1_y(85)	1045	1018	808	488	635	529	574
spinepoint_1_y(86)	1043	1022	805	487	636	528	575
spinepoint_1_y(87)	1041	1027	799	489	636	524	575
spinepoint_1_y(88)			796	491	638	520	573
spinepoint_1_y(89)			795	492	639	520	585
spinepoint_1_y(90)			793	496	640	518	590
spinepoint_1_y(91)			791	500	640	515	595
spinepoint_1_y(92)			791	502	642	513	599
spinepoint_1_y(93)			796	499	643	516	602
spinepoint_1_y(94)			793	500	640	516	607
spinepoint_1_y(95)			789	501	638	521	608
spinepoint_1_y(96)	1003	1039	785	501	636	516	605
spinepoint_1_y(97)	1000	1038	783		635		604
spinepoint_1_y(98)	994	1037	781		632		605
spinepoint_1_y(99)	990	1037	780	494	629	508	603
spinepoint_1_y(100)	984	1039	780	488	625	504	591
spinepoint_1_y(101)	978	1040	776	484	623	498	586
spinepoint_1_y(102)	973	1042	777	476	621	495	588
spinepoint_1_y(103)	969	1041	774	470	616	491	588
spinepoint_1_y(104)	964	1040	775		613		591
spinepoint_1_y(105)	960	1040	779	462	608	501	594
spinepoint_1_y(106)	953	1043	785	462	607	501	596
spinepoint_1_y(107)	948	1043	785	463	606		602
spinepoint_1_y(108)	945	1044	786	467	603	481	599
spinepoint_1_y(109)	940	1041	784	470	602	485	592
spinepoint_1_y(110)	936	1037	785	473	607	482	589
spinepoint_1_y(111)	933	1031	786	479	614	482	585
spinepoint_1_y(112)	928	1027	786	483	620	483	585
spinepoint_1_y(113)	926	1023	788	490	626	480	587
spinepoint_1_y(114)	921	1019	788	494	630	478	592
spinepoint_1_y(115)	917	1016	784	499	635	474	591
spinepoint_1_y(116)	911	1014	777	505	632	468	592
spinepoint_1_y(117)	908	1013	776	511	633	462	588
spinepoint_1_y(118)	903	1008	778	516	633	457	587
spinepoint_1_y(119)	900	1010	777	521	619	452	591
spinepoint_1_y(120)	894	1007	777	525	614	449	595
spinepoint_1_y(121)	890	1005	777	532	607	444	592
spinepoint_1_y(122)	885	1000		540	600	441	599
spinepoint_1_y(123)	880	996	777	544	594	440	600
spinepoint_1_y(124)	875	992	772	549	589	435	597
spinepoint_1_y(125)	873	989	772	555	585	436	600
spinepoint_1_y(126)	872	982	770	559	580	434	596
spinepoint_1_y(127)	875	980	768	562	574	435	598
spinepoint_1_y(128)	887	976	764	573	568	436	597

spinepoint_1_y(129)	887	972	766	576	562	438	599
spinepoint_1_y(130)	888	968	770	585	558	439	603
spinepoint_1_y(131)	893	966	772	588	554	440	600
spinepoint_1_y(132)	897	965	773	595	551	442	601
spinepoint_1_y(133)	900	963	776	599	548	444	603
spinepoint_1_y(134)	903	960	777	603	546	452	603
spinepoint_1_y(135)	907	957	778	611	548	450	604
spinepoint_1_y(136)	925	951	779	615	548	447	605
spinepoint_1_y(137)	928	951	780	618	544	443	609
spinepoint_1_y(138)	933	948	782	623	546	440	609
spinepoint_1_y(139)	936	944	781	630	551	431	612
spinepoint_1_y(140)	941	938	782	638	554	431	614
spinepoint_1_y(141)	945	936	784	643	554	431	616
spinepoint_1_y(142)	950	933	786	651	559	431	619
spinepoint_1_y(143)	955	927	786	654	559	430	622
spinepoint_1_y(144)	959	927	790	662	557	432	625
spinepoint_1_y(145)	963	921	792	668	556	434	625
spinepoint_1_y(146)	967	919	794	674	555	432	626
spinepoint_1_y(147)	969	916	797	677	553	434	626
spinepoint_1_y(148)	977	913	796	680	553	437	623
spinepoint_1_y(149)	978	910	793	683	560	438	621
spinepoint_1_y(150)	978	906	784	661	563	439	619
spinepoint_1_y(151)	976	907	787	665	570	439	622
spinepoint_1_y(152)	978	906	790	665	573	440	625
spinepoint_1_y(153)	976	905	794	666	580	442	627
spinepoint_1_y(154)	962	904	795	651	585	444	624
spinepoint_1_y(155)	962	899	797	648	590	444	622
spinepoint_1_y(156)	955	901	796	644	593	443	619
spinepoint_1_y(157)	950	897	795	640	598	441	618
spinepoint_1_y(158)	943	900	795	640	599	438	619
spinepoint_1_y(159)	937	900	796	644	604	434	620
spinepoint_1_y(160)	933	900	797	650	604	431	622
spinepoint_1_y(161)	927	902	797	652	610	426	622
spinepoint_1_y(162)	920	903	797	662	611	420	616
spinepoint_1_y(163)	919	903	797	665	614	411	613
spinepoint_1_y(164)	914	902	797	673	616	403	607
spinepoint_1_y(165)	910	903	795	678	621	407	601
spinepoint_1_y(166)	907	902	795	685	625	406	594
spinepoint_1_y(167)	903	903	793	693	628		593
spinepoint_1_y(168)	900	902	792	696	631	437	595
spinepoint_1_y(169)	895	901	792	701	634	439	598
spinepoint_1_y(170)	892	900	790	706	638	419	604
spinepoint_1_y(171)	889	897	790	711	642	415	609
spinepoint_1_y(172)	884	897	789	715	645	409	613
spinepoint_1_y(173)	878	897	788	719	647	400	617
spinepoint_1_y(174)	874	897	788	723	652	393	624
spinepoint_1_y(175)	870	896	788	731	656	387	627
spinepoint_1_y(176)	862	897	783	733	659	380	630
spinepoint_1_y(177)	858	899	784	741	662	375	634
spinepoint_1_y(178)	856	899	782	746	668	370	637

spinepoint_1_y(179)	852	900	779	752	669	362	637
spinepoint_1_y(180)	855	902	780	756	673	356	633
spinepoint_1_y(181)	863	902	785	765	675	352	629
spinepoint_1_y(182)	870	902	787	767	681	349	625
spinepoint_1_y(183)	876	903	787	772	682	346	623
spinepoint_1_y(184)	881	904	785	780	684	342	622
spinepoint_1_y(185)	887	904	785	782	689	335	625
spinepoint_1_y(186)			785	788	691	328	628
spinepoint_1_y(187)			785	795	692	326	627
spinepoint_1_y(188)			783	800	695	322	621
spinepoint_1_y(189)	890	908	782	806	693	320	616
spinepoint_1_y(190)	887	907	781	815	692	322	609
spinepoint_1_y(191)	882	911	781	820	692	338	611
spinepoint_1_y(192)	876	910	776	826	688	341	604
spinepoint_1_y(193)	868	912	774	831	686	338	603
spinepoint_1_y(194)	864	915	775	836	685	340	600
spinepoint_1_y(195)	858	918	782	837	683	339	601
spinepoint_1_y(196)	857	920	787	840	684	338	603
spinepoint_1_y(197)	852	919	789	850	683	339	603
spinepoint_1_y(198)	845	919	792	853	682	340	606
spinepoint_1_y(199)	841	920	795	861	680	328	601
spinepoint_1_y(200)	836	921	789	870	678	329	614
spinepoint_1_y(201)	828	924	779	878	675	329	612
spinepoint_1_y(202)	824	926	774	883	674	329	610
spinepoint_1_y(203)	819	929	772	891	671	326	610
spinepoint_1_y(204)	815	929	769	897	671	324	608
spinepoint_1_y(205)	812	931	768	905	667	324	610
spinepoint_1_y(206)	808	932	766	908	660	326	609
spinepoint_1_y(207)	803	928	760	917	659	327	612
spinepoint_1_y(208)	801	925	761	924	659	327	601
spinepoint_1_y(209)	806	922	755	930	656		604
spinepoint_1_y(210)	810	920	754	937	651	338	608
spinepoint_1_y(211)	829	918	751	943	649	333	610
spinepoint_1_y(212)	828	918	749	946	642	331	612
spinepoint_1_y(213)	826	917	747	951	642	325	614
spinepoint_1_y(214)	827	918	744	955	639	320	615
spinepoint_1_y(215)	826	921	742	957	635	321	615
spinepoint_1_y(216)	828	922	739	960	630	321	615
spinepoint_1_y(217)	834	921	738	942	628	322	615
spinepoint_1_y(218)	832	922	736	938	625	324	617
spinepoint_1_y(219)	830	923	734	940	622	326	617
spinepoint_1_y(220)	828	923	733	938	614	330	617
spinepoint_1_y(221)	826	913	731	936	613	334	617
spinepoint_1_y(222)	824	909	731	934	618	333	617
spinepoint_1_y(223)	821	907	729	931	617	336	615
spinepoint_1_y(224)	820	904	727	928	615	337	611
spinepoint_1_y(225)	816	900	727	927	616	340	608
spinepoint_1_y(226)	812	895	728	927	621	345	612
spinepoint_1_y(227)	810	893	728	927	627	343	613
spinepoint_1_y(228)	807	891	728	929	632	347	613

spinepoint_1_y(229)	804	889	727	946	638	344	613
spinepoint_1_y(230)	799	885	727	954	645	339	628
spinepoint_1_y(231)	796	881	724	960	651	343	632
spinepoint_1_y(232)	791	877	722	964	657	343	634
spinepoint_1_y(233)	789	872	724	968	663	356	636
spinepoint_1_y(234)	786	871	725	974	669	357	636
spinepoint_1_y(235)	782	867	732	980	673	339	636
spinepoint_1_y(236)	776	865	732	986	678	336	635
spinepoint_1_y(237)	774	860	734	992	685	336	636
spinepoint_1_y(238)	773	857	735	995	687	336	635
spinepoint_1_y(239)	767	854	732	1002	686	332	634
spinepoint_1_y(240)	766	850	733	1003	683	334	633
spinepoint_1_y(241)	761	849	733	1003	681	334	632
spinepoint_1_y(242)	760	847	733	1001	678	335	630
spinepoint_1_y(243)	752	843	734	1004	677	337	626
spinepoint_1_y(244)	751	839	727	1009	669	335	626
spinepoint_1_y(245)	748	837	722	1011	669	335	624
spinepoint_1_y(246)	747	833	717	1014	664	332	624
spinepoint_1_y(247)	747	831	716	1015	665	331	623
spinepoint_1_y(248)	748	825	715	1016	665	330	622
spinepoint_1_y(249)	747	822	711	1019	661	331	622
spinepoint_1_y(250)	746	818	715	1023	658	328	625
spinepoint_1_y(251)	746	817	713	1025	666	326	633
spinepoint_1_y(252)	745	811	714	1029	667	327	637
spinepoint_1_y(253)	744	809	718	1031	671	326	645
spinepoint_1_y(254)	743	807	725	1031	676	328	649
spinepoint_1_y(255)	742	803	723	1031	682	329	654
spinepoint_1_y(256)	739	800	724	1030	686	334	661
spinepoint_1_y(257)	741	798	725	1031	690	338	665
spinepoint_1_y(258)	739	794	728	1033	694	340	667
spinepoint_1_y(259)	736	791	727	1036	700	346	668
spinepoint_1_y(260)	736	789	727	1037	701	350	674
spinepoint_1_y(261)	732	784	727	1036	709	354	677
spinepoint_1_y(262)	732	780	726	1031	709	358	683
spinepoint_1_y(263)	729	776	726	1031	711	362	683
spinepoint_1_y(264)	728	773	725	1035	713	368	686
spinepoint_1_y(265)	728	768	726	1036	701	371	691
spinepoint_1_y(266)	725	764	725	1036	697	374	691
spinepoint_1_y(267)	726	763	725	1038	689	380	696
spinepoint_1_y(268)	726	762	723	1036	685	383	697
spinepoint_1_y(269)	727	759	722	1036	679	388	699
spinepoint_1_y(270)	727	758	722	1034	672	393	703
spinepoint_1_y(271)	727	755	720	1028	667	395	702
spinepoint_1_y(272)	725	752	719	1024	663	399	706
spinepoint_1_y(273)	723	748	717	1023	662	401	708
spinepoint_1_y(274)	720	748	718	1022	674	407	711
spinepoint_1_y(275)	718	745	716	1023	676	408	714
spinepoint_1_y(276)	716	745	716	1026	678	410	714
spinepoint_1_y(277)	714	742	716	1030	683	411	711
spinepoint_1_y(278)	710	740	714	1033	685	407	705

spinepoint_1_y(279)	709	736	713	1036	690	409	700
spinepoint_1_y(280)	707	738	713	1038	691	406	694
spinepoint_1_y(281)	707	737	711	1041	699	402	693
spinepoint_1_y(282)	707	736	711	1043	704	399	692
spinepoint_1_y(283)	707	735	710	1047	711	385	697
spinepoint_1_y(284)	707		710	1051		382	700
spinepoint_1_y(285)	707		707	1054		384	700
spinepoint_1_y(286)	706		706	1055		384	700
spinepoint_1_y(287)	706		706	1057		384	701
spinepoint_1_y(288)	704	729	702	1041	714	378	698
spinepoint_1_y(289)	704	726	701	1043	714	383	700
spinepoint_1_y(290)	704	724	698	1061	712	381	701
spinepoint_1_y(291)	704	722	697	1062	709	366	702
spinepoint_1_y(292)	706	722	694	1062	705	361	703
spinepoint_1_y(293)	709	720	693	1062	699	357	702
spinepoint_1_y(294)	711	719	691	1057	694	351	703
spinepoint_1_y(295)	714	719	690	1052	688	345	705
spinepoint_1_y(296)	716	718	693	1048	683	340	705
spinepoint_1_y(297)	720	724	694	1041	676	336	705
spinepoint_1_y(298)	720	724	693	1036	671	333	705
spinepoint_1_y(299)	724	725	691	1032	669	329	706
spinepoint_1_y(300)	726	739	690	1024	662	325	709
spinepoint_1_y(301)	730	739		1020	659	322	
spinepoint_1_y(302)	733	742		1017	661	314	
spinepoint_1_y(303)	736	738		1014	677	314	
spinepoint_1_y(304)	745	739		1015	685	316	
spinepoint_1_y(305)	748	736		1015	696	316	
spinepoint_1_y(306)	753	737		1013	698	317	
spinepoint_1_y(307)	753	737		1013		335	
spinepoint_1_y(308)	758	735		1009		336	
spinepoint_1_y(309)	761	733		1010		333	
spinepoint_1_y(310)	760	734				336	
spinepoint_1_y(311)	764	735		996		341	
spinepoint_1_y(312)	769	734		1001	719	337	
spinepoint_1_y(313)	775	734		1006	716	339	
spinepoint_1_y(314)	777	734	706	1008	715	357	699
spinepoint_1_y(315)	782	751	706	1007	710	362	701
spinepoint_1_y(316)	789	754	705	1004	705	369	705
spinepoint_1_y(317)	794	759	706	1009	699	372	710
spinepoint_1_y(318)	801	760	706	1015	695	379	712
spinepoint_1_y(319)	806	765	705	1019	690	382	713
spinepoint_1_y(320)	811	768	706	1018	685	389	718
spinepoint_1_y(321)	818	771	705	1024	682	391	719
spinepoint_1_y(322)	821	774		1030	679	391	
spinepoint_1_y(323)	825	777	705	1033	674	393	724
spinepoint_1_y(324)	824	778	703	1039	671	394	730
spinepoint_1_y(325)	822	782	703	1043	668	394	730
spinepoint_1_y(326)	816	785	704	1045	663	392	730
spinepoint_1_y(327)	808	788	703	1042	660	392	727
spinepoint_1_y(328)	812	790	701	1039	655	393	725

spinepoint_1_y(329)	813	791	701	1033	652	397	712
spinepoint_1_y(330)	819	793	702	1030	646	398	712
spinepoint_1_y(331)	823	795	701	1023	643	400	710
spinepoint_1_y(332)	827	798		1019	637	401	
spinepoint_1_y(333)	830	800	700	1013	633	404	721
spinepoint_1_y(334)	825	802	699	1009	627	405	726
spinepoint_1_y(335)	823	805	699	1003	625	405	729
spinepoint_1_y(336)	818	807	700	997	620	407	730
spinepoint_1_y(337)	808	808	698	993	616	407	732
spinepoint_1_y(338)	801	809		988	610	409	
spinepoint_1_y(339)	795	808	697	984	605	409	735
spinepoint_1_y(340)	791	810	695	984	601	413	737
spinepoint_1_y(341)	788	812	694	983	594	415	739
spinepoint_1_y(342)	786	798	691	981	592	415	743
spinepoint_1_y(343)	781	800	692	977	594	414	744
spinepoint_1_y(344)	779	798	691	977	595	415	745
spinepoint_1_y(345)	776	800	689	973	589	419	747
spinepoint_1_y(346)	774	798	687	970	582	418	750
spinepoint_1_y(347)	773	798	684	969	579	410	750
spinepoint_1_y(348)	771	797	682	965	575	409	751
spinepoint_1_y(349)	770	791	682	965	570	405	754
spinepoint_1_y(350)	768	786	677	963	568	403	755
spinepoint_1_y(351)	767	783	678	964	564	401	757
spinepoint_1_y(352)	766	782	678	963	563	398	760
spinepoint_1_y(353)	764	773	678	962	559	396	760
spinepoint_1_y(354)	761	769	675	959	557	390	763
spinepoint_1_y(355)	753	767	673	957	553	385	765
spinepoint_1_y(356)	751	762	668	954	550	382	763
spinepoint_1_y(357)	746	755	664	952	546	378	765
spinepoint_1_y(358)	739	754	662	948	547	380	764
spinepoint_1_y(359)	738	747	658	947	548	378	767
spinepoint_2_x(0)	1301	1220	1468	1021	1460	1111	1358
spinepoint_2_x(1)	1304	1223	1468	1017	1465	1111	1356
spinepoint_2_x(2)	1304	1227	1471	1015	1472	1113	1356
spinepoint_2_x(3)	1303	1228	1472	1017	1477	1111	1357
spinepoint_2_x(4)	1298	1235	1475	1015	1483	1111	1357
spinepoint_2_x(5)	1296	1236	1477	1012	1487	1112	1357
spinepoint_2_x(6)	1297	1240	1481	1011	1491	1114	1356
spinepoint_2_x(7)	1301	1246	1480	1010	1492	1111	1357
spinepoint_2_x(8)	1308	1250	1483	1011	1499	1111	1357
spinepoint_2_x(9)	1314	1255	1486	1013	1502	1112	1359
spinepoint_2_x(10)	1322	1259	1488	1013	1505	1111	1359
spinepoint_2_x(11)	1326	1261	1491	1013	1508	1111	1359
spinepoint_2_x(12)	1331	1266	1492	1012	1513	1114	1360
spinepoint_2_x(13)	1335	1269	1493	1011	1518	1115	1362
spinepoint_2_x(14)	1336	1276	1492	1013	1522	1113	1358
spinepoint_2_x(15)	1332	1280	1494	1014	1528	1113	1358
spinepoint_2_x(16)	1334	1283	1493	1016	1529	1115	1362
spinepoint_2_x(17)	1334	1288	1490	1020	1530	1113	1362
spinepoint_2_x(18)	1334	1290	1488	1024	1529	1111	1359

spinepoint_2_x(19)	1333	1294	1484	1028	1529	1111	1360
spinepoint_2_x(20)	1331	1298	1482	1033	1532	1111	1361
spinepoint_2_x(21)	1326	1300	1480	1038	1533	1112	1359
spinepoint_2_x(22)	1326	1303	1476	1041	1536	1112	1359
spinepoint_2_x(23)	1324	1307	1474	1047	1538	1112	1358
spinepoint_2_x(24)	1323	1311	1471	1048	1537	1113	1356
spinepoint_2_x(25)	1325	1315	1473	1048	1538	1113	1354
spinepoint_2_x(26)	1325	1315	1473	1048	1538	1113	1354
spinepoint_2_x(27)	1327	1318	1467	1051	1537	1113	1348
spinepoint_2_x(28)	1330	1319	1466	1050	1533	1112	1345
spinepoint_2_x(29)	1333	1321	1462	1051	1527	1111	1344
spinepoint_2_x(30)	1334	1325	1462	1051	1525	1111	1345
spinepoint_2_x(31)	1333	1325	1460	1054	1519	1110	1345
spinepoint_2_x(32)	1337	1327	1454	1058	1512	1112	1345
spinepoint_2_x(33)			1452	1058	1510	1112	1344
spinepoint_2_x(34)			1453	1061	1507	1111	1345
spinepoint_2_x(35)			1450	1063	1505	1112	1347
spinepoint_2_x(36)			1450	1068	1507	1111	1347
spinepoint_2_x(37)			1446	1071	1501	1111	1347
spinepoint_2_x(38)			1444	1074	1500	1111	1349
spinepoint_2_x(39)			1443	1078	1499	1111	1349
spinepoint_2_x(40)	1330	1311	1443	1083	1496	1109	1351
spinepoint_2_x(41)	1333	1307	1442	1086	1494	1110	1351
spinepoint_2_x(42)	1340	1304	1440	1091	1488	1110	1349
spinepoint_2_x(43)	1347	1300	1441	1095	1487	1108	1350
spinepoint_2_x(44)	1353	1297	1440	1097	1482	1109	1349
spinepoint_2_x(45)	1358	1296	1441	1101	1482	1107	1349
spinepoint_2_x(46)	1365	1295	1442	1104	1487	1106	1351
spinepoint_2_x(47)	1370	1289	1440	1108	1489	1106	1352
spinepoint_2_x(48)	1375	1286	1442	1112	1491	1104	1356
spinepoint_2_x(49)	1384	1280	1444	1116	1488	1103	1360
spinepoint_2_x(50)	1387	1276	1442	1118	1486	1102	1361
spinepoint_2_x(51)	1389	1272	1438	1117	1481	1100	1366
spinepoint_2_x(52)	1387	1266	1441	1117	1479	1099	1370
spinepoint_2_x(53)	1384	1262	1439	1119	1478	1098	1369
spinepoint_2_x(54)	1374	1261	1443	1123	1476	1096	1371
spinepoint_2_x(55)	1367	1258	1441	1123	1475	1095	1373
spinepoint_2_x(56)	1363	1255	1441	1121	1475	1093	1377
spinepoint_2_x(57)	1356	1253	1443	1116	1475	1092	1376
spinepoint_2_x(58)	1351	1252	1442	1112	1475	1091	1377
spinepoint_2_x(59)	1347	1253	1445	1104	1474	1091	1374
spinepoint_2_x(60)	1345	1249	1445	1103	1477	1091	1374
spinepoint_2_x(61)	1344	1250	1444	1098	1475	1090	1371
spinepoint_2_x(62)	1343	1254	1445	1096	1475	1089	1368
spinepoint_2_x(63)	1339	1253	1445	1097	1477	1089	1366
spinepoint_2_x(64)	1337	1254	1450	1097	1481	1090	1362
spinepoint_2_x(65)	1339	1255	1449	1101	1477	1090	1360
spinepoint_2_x(66)	1338	1253	1447	1104	1477	1090	1353
spinepoint_2_x(67)	1336	1252	1445	1111	1474	1089	1348
spinepoint_2_x(68)	1333	1251	1445	1115	1472	1090	1345

spinepoint_2_x(69)	1329	1252	1444	1119	1470	1089	1342
spinepoint_2_x(70)	1329	1250	1445	1124	1471	1089	1336
spinepoint_2_x(71)	1329	1251	1446	1130	1471	1084	1334
spinepoint_2_x(72)	1329	1251	1448	1138	1471	1079	1333
spinepoint_2_x(73)	1329	1253	1446	1139	1478	1077	1334
spinepoint_2_x(74)	1329	1256	1448	1144	1481	1078	1334
spinepoint_2_x(75)	1335	1259	1449	1145	1489	1082	1337
spinepoint_2_x(76)	1336	1261	1448	1146	1494	1084	1339
spinepoint_2_x(77)	1333	1264	1446	1147	1497	1083	1342
spinepoint_2_x(78)	1337	1270	1444	1146	1503	1080	1346
spinepoint_2_x(79)	1341	1273	1443	1144	1509	1080	1350
spinepoint_2_x(80)	1339	1275	1443	1141	1510	1078	1356
spinepoint_2_x(81)	1332	1278	1441	1138	1514	1076	1360
spinepoint_2_x(82)	1329	1281	1439	1135	1518	1072	1357
spinepoint_2_x(83)	1326	1286	1438	1133	1525	1070	1358
spinepoint_2_x(84)	1322	1288	1437	1128	1527	1068	1357
spinepoint_2_x(85)	1318	1291	1434	1125	1533	1062	1355
spinepoint_2_x(86)	1317	1295	1435	1122	1532	1060	1352
spinepoint_2_x(87)	1311	1299	1431	1119	1536	1055	1350
spinepoint_2_x(88)			1431	1116	1539	1051	1348
spinepoint_2_x(89)			1431	1113	1541	1054	1347
spinepoint_2_x(90)			1432	1108	1538	1049	1351
spinepoint_2_x(91)			1431	1099	1538	1044	1353
spinepoint_2_x(92)			1431	1095	1536	1041	1353
spinepoint_2_x(93)			1431	1089	1531	1041	1355
spinepoint_2_x(94)			1432	1086	1524	1040	1357
spinepoint_2_x(95)			1433	1078	1519	1039	1358
spinepoint_2_x(96)	1285	1318	1434	1072	1513	1040	1362
spinepoint_2_x(97)	1284	1324	1435		1508		1363
spinepoint_2_x(98)	1284	1328	1437		1503		1367
spinepoint_2_x(99)	1283	1333	1438	1071	1496	1043	1364
spinepoint_2_x(100)	1281	1338	1440	1068	1489	1044	1362
spinepoint_2_x(101)	1280	1340	1443	1066	1487	1045	1360
spinepoint_2_x(102)	1281	1347	1444	1062	1484	1046	1358
spinepoint_2_x(103)	1282	1348	1448	1063	1480	1047	1355
spinepoint_2_x(104)	1283	1349	1444		1476		1350
spinepoint_2_x(105)	1284	1351	1443	1068	1471	1049	1342
spinepoint_2_x(106)	1287	1351	1447	1070	1469	1050	1341
spinepoint_2_x(107)	1289	1349	1449	1076	1469		1333
spinepoint_2_x(108)	1289	1350	1450	1079	1468	1041	1338
spinepoint_2_x(109)	1292	1346	1448	1086	1469	1045	1338
spinepoint_2_x(110)	1292	1347	1451	1090	1469	1048	1337
spinepoint_2_x(111)	1293	1350	1453	1097	1468	1052	1336
spinepoint_2_x(112)	1294	1348	1455	1100	1463	1049	1337
spinepoint_2_x(113)	1294	1347	1460	1105	1460	1048	1340
spinepoint_2_x(114)	1295	1345	1458	1108	1454	1051	1342
spinepoint_2_x(115)	1295	1343	1455	1113	1451	1054	1342
spinepoint_2_x(116)	1296	1339	1456	1116	1452	1057	1347
spinepoint_2_x(117)	1297	1335	1456	1118	1454	1059	1350
spinepoint_2_x(118)	1300	1330	1456	1119	1455	1063	1349

spinepoint_2_x(119)	1302	1328	1457	1119	1454	1064	1346
spinepoint_2_x(120)	1304	1322	1461	1121	1455	1066	1347
spinepoint_2_x(121)	1307	1321	1462	1122	1454	1068	1343
spinepoint_2_x(122)	1310	1317		1123	1453	1068	1338
spinepoint_2_x(123)	1311	1313	1467	1123	1455	1071	1336
spinepoint_2_x(124)	1315	1308	1464	1120	1456	1060	1341
spinepoint_2_x(125)	1316	1307	1463	1118	1456	1060	1336
spinepoint_2_x(126)	1317	1304	1463	1117	1458	1065	1335
spinepoint_2_x(127)	1317	1302	1463	1117	1460	1067	1332
spinepoint_2_x(128)	1315	1300	1461	1116	1461	1063	1334
spinepoint_2_x(129)	1317	1298	1461	1116	1460	1064	1333
spinepoint_2_x(130)	1324	1297	1460	1117	1463	1068	1335
spinepoint_2_x(131)	1323	1294	1460	1117	1465	1066	1337
spinepoint_2_x(132)	1324	1291	1457	1117	1466	1070	1338
spinepoint_2_x(133)	1325	1289	1460	1117	1468	1077	1339
spinepoint_2_x(134)	1325	1286	1461	1117	1465	1077	1338
spinepoint_2_x(135)	1323	1284	1466	1117	1459	1075	1340
spinepoint_2_x(136)	1323	1280	1466	1118	1459	1077	1341
spinepoint_2_x(137)	1323	1281	1470	1119	1459	1082	1343
spinepoint_2_x(138)	1321	1279	1474	1122	1461	1091	1343
spinepoint_2_x(139)	1321	1278	1473	1125	1463	1099	1345
spinepoint_2_x(140)	1322	1275	1478	1127	1462	1101	1347
spinepoint_2_x(141)	1320	1274	1479	1128	1455	1108	1349
spinepoint_2_x(142)	1319	1273	1481	1131	1445	1114	1351
spinepoint_2_x(143)	1318	1273	1486	1131	1446	1119	1355
spinepoint_2_x(144)	1318	1271	1487	1132	1449	1123	1357
spinepoint_2_x(145)	1319	1271	1488	1133	1449	1130	1357
spinepoint_2_x(146)	1319	1271	1492	1133	1454	1132	1358
spinepoint_2_x(147)	1319	1271	1493	1134	1456	1137	1359
spinepoint_2_x(148)	1317	1271	1492	1135	1459	1142	1358
spinepoint_2_x(149)	1317	1269	1493	1136	1465	1147	1359
spinepoint_2_x(150)	1317	1269	1494	1135	1468	1153	1359
spinepoint_2_x(151)	1317	1269	1496	1129	1475	1157	1360
spinepoint_2_x(152)	1319	1270	1491	1123	1476	1163	1360
spinepoint_2_x(153)	1321	1269	1489	1120	1480	1169	1359
spinepoint_2_x(154)	1318	1267	1490	1120	1482	1173	1357
spinepoint_2_x(155)	1316	1268	1487	1122	1485	1180	1353
spinepoint_2_x(156)	1312	1267	1484	1123	1487	1186	1351
spinepoint_2_x(157)	1310	1269	1483	1125	1490	1189	1351
spinepoint_2_x(158)	1309	1269	1482	1127	1492	1196	1349
spinepoint_2_x(159)	1307	1270	1480	1133	1495	1200	1349
spinepoint_2_x(160)	1309	1270	1478	1139	1496	1209	1345
spinepoint_2_x(161)	1310	1268	1475	1142	1496	1214	1347
spinepoint_2_x(162)	1311	1267	1473	1149	1497	1217	1347
spinepoint_2_x(163)	1313	1270	1470	1149	1497	1223	1348
spinepoint_2_x(164)	1314	1273	1468	1153	1498	1230	1348
spinepoint_2_x(165)	1315	1272	1462	1151	1500	1242	1349
spinepoint_2_x(166)	1317	1271	1460	1151	1503	1259	1350
spinepoint_2_x(167)	1317	1266	1460	1149	1504		1347
spinepoint_2_x(168)	1319	1265	1457	1148	1504	1273	1342

spinepoint_2_x(169)	1320	1265	1455	1146	1506	1274	1338
spinepoint_2_x(170)	1321	1268	1452	1145	1507	1276	1335
spinepoint_2_x(171)	1321	1272	1450	1141	1510	1274	1332
spinepoint_2_x(172)	1321	1273	1446	1140	1509	1274	1331
spinepoint_2_x(173)	1323	1277	1445	1137	1513	1275	1331
spinepoint_2_x(174)	1323	1280	1445	1134	1514	1275	1331
spinepoint_2_x(175)	1323	1284	1445	1131	1517	1275	1332
spinepoint_2_x(176)	1323	1285	1443	1128	1517	1273	1333
spinepoint_2_x(177)	1325	1289	1445	1125	1519	1271	1335
spinepoint_2_x(178)	1325	1294	1444	1124	1521	1272	1335
spinepoint_2_x(179)	1326	1297	1442	1123	1521	1271	1336
spinepoint_2_x(180)	1326	1301	1442	1124	1523	1270	1336
spinepoint_2_x(181)	1325	1304	1444	1122	1525	1271	1338
spinepoint_2_x(182)	1333	1306	1443	1122	1529	1271	1340
spinepoint_2_x(183)	1336	1312	1441	1121	1530	1267	1344
spinepoint_2_x(184)	1334	1313	1438	1118	1531	1266	1344
spinepoint_2_x(185)	1335	1314	1434	1116	1534	1264	1344
spinepoint_2_x(186)			1429	1113	1535	1262	1344
spinepoint_2_x(187)			1428	1114	1537	1259	1343
spinepoint_2_x(188)			1424	1113	1540	1256	1343
spinepoint_2_x(189)	1315	1335	1421	1113	1539	1257	1345
spinepoint_2_x(190)	1311	1336	1417	1113	1539	1255	1344
spinepoint_2_x(191)	1308	1342	1416	1113	1536	1249	1341
spinepoint_2_x(192)	1302	1342	1411	1112	1533	1249	1339
spinepoint_2_x(193)	1298	1344	1411	1107	1532	1250	1336
spinepoint_2_x(194)	1298	1347	1410	1102	1528	1251	1329
spinepoint_2_x(195)	1298	1353	1409	1097	1525	1251	1326
spinepoint_2_x(196)	1297	1355	1410	1096	1522	1248	1317
spinepoint_2_x(197)	1296	1357	1409	1093	1516	1249	1313
spinepoint_2_x(198)	1293	1359	1406	1093	1512	1249	1309
spinepoint_2_x(199)	1292	1361	1403	1091	1504	1254	1311
spinepoint_2_x(200)	1293	1366	1408	1088	1497	1253	1313
spinepoint_2_x(201)	1290	1371	1411	1088	1489	1255	1313
spinepoint_2_x(202)	1291	1375	1409	1087	1488	1254	1312
spinepoint_2_x(203)	1289	1379	1409	1086	1483	1254	1314
spinepoint_2_x(204)	1287	1381	1410	1086	1482	1247	1310
spinepoint_2_x(205)	1288	1382	1410	1083	1477	1245	1313
spinepoint_2_x(206)	1287	1385	1410	1083	1472	1242	1314
spinepoint_2_x(207)	1287	1383	1409	1084	1469	1239	1316
spinepoint_2_x(208)	1286	1381	1408	1085	1467	1238	1322
spinepoint_2_x(209)	1285	1382	1409	1084	1466		1325
spinepoint_2_x(210)	1287	1384	1409	1084	1463	1238	1330
spinepoint_2_x(211)	1288	1385	1411	1083	1459	1240	1332
spinepoint_2_x(212)	1289	1384	1411	1081	1458	1240	1337
spinepoint_2_x(213)	1288	1386	1413	1077	1460	1239	1341
spinepoint_2_x(214)	1282	1386	1414	1074	1459	1245	1346
spinepoint_2_x(215)	1279	1384	1416	1070	1458	1246	1349
spinepoint_2_x(216)	1271	1384	1417	1070	1459	1246	1349
spinepoint_2_x(217)	1266	1385	1418	1069	1457	1248	1352
spinepoint_2_x(218)	1261	1383	1421	1070	1457	1253	1355

spinepoint_2_x(219)	1258	1385	1423	1068	1457	1260	1355
spinepoint_2_x(220)	1252	1383	1425	1070	1457	1266	1358
spinepoint_2_x(221)	1248	1384	1425	1074	1456	1272	1358
spinepoint_2_x(222)	1245	1383	1427	1078	1457	1273	1358
spinepoint_2_x(223)	1239	1383	1428	1084	1458	1277	1359
spinepoint_2_x(224)	1236	1381	1429	1089	1464	1280	1357
spinepoint_2_x(225)	1230	1381	1433	1092	1469	1286	1361
spinepoint_2_x(226)	1227	1381	1434	1095	1475	1296	1356
spinepoint_2_x(227)	1222	1380	1435	1100	1481	1301	1355
spinepoint_2_x(228)	1218	1380	1438	1103	1485	1309	1356
spinepoint_2_x(229)	1211	1380	1439	1105	1488	1314	1355
spinepoint_2_x(230)	1209	1377	1440	1107	1490	1322	1353
spinepoint_2_x(231)	1205	1377	1441	1108	1491	1324	1350
spinepoint_2_x(232)	1202	1376	1442	1109	1491	1323	1346
spinepoint_2_x(233)	1198	1375	1440	1109	1491	1324	1341
spinepoint_2_x(234)	1194	1375	1440	1113	1490	1326	1338
spinepoint_2_x(235)	1193	1374	1439	1115	1489	1330	1335
spinepoint_2_x(236)	1189	1374	1436	1116	1488	1323	1330
spinepoint_2_x(237)	1188	1373	1439	1117	1487	1326	1325
spinepoint_2_x(238)	1187	1373	1443	1117	1481	1324	1318
spinepoint_2_x(239)	1181	1373	1444	1115	1477	1321	1315
spinepoint_2_x(240)	1180	1372	1444	1115	1472	1318	1311
spinepoint_2_x(241)	1174	1372	1448	1117	1470	1315	1307
spinepoint_2_x(242)	1172	1372	1447	1119	1463	1310	1300
spinepoint_2_x(243)	1167	1371	1447	1123	1457	1303	1299
spinepoint_2_x(244)	1166	1371	1442	1129	1450	1300	1296
spinepoint_2_x(245)	1162	1372	1440	1136	1445	1293	1294
spinepoint_2_x(246)	1159	1372	1442	1141	1442	1288	1291
spinepoint_2_x(247)	1155	1373	1442	1150	1443	1280	1287
spinepoint_2_x(248)	1154	1374	1442	1158	1445	1274	1285
spinepoint_2_x(249)	1145	1375	1443	1163	1446	1271	1285
spinepoint_2_x(250)	1145	1375	1443	1171	1449	1263	1283
spinepoint_2_x(251)	1141	1376	1443	1176	1446	1258	1283
spinepoint_2_x(252)	1133	1376	1443	1184	1443	1251	1285
spinepoint_2_x(253)	1128	1378	1439	1188	1438	1249	1283
spinepoint_2_x(254)	1128	1379	1435	1190	1438	1245	1284
spinepoint_2_x(255)	1123	1382	1439	1194	1431	1241	1284
spinepoint_2_x(256)	1118	1383	1437	1204	1426	1236	1285
spinepoint_2_x(257)	1118	1385	1437	1207	1423	1231	1285
spinepoint_2_x(258)	1111	1389	1431	1213	1419	1227	1285
spinepoint_2_x(259)	1107	1390	1432	1221	1416	1221	1285
spinepoint_2_x(260)	1103	1394	1431	1222	1412	1217	1287
spinepoint_2_x(261)	1098	1396	1430	1220	1406	1211	1287
spinepoint_2_x(262)	1096	1401	1426	1221	1406	1207	1290
spinepoint_2_x(263)	1090	1403	1425	1220	1405	1204	1290
spinepoint_2_x(264)	1087	1405	1424	1217	1406	1197	1291
spinepoint_2_x(265)	1085	1408	1421	1215	1407	1193	1293
spinepoint_2_x(266)	1079	1410	1418	1217	1404	1188	1293
spinepoint_2_x(267)	1077	1412	1418	1216	1398	1184	1294
spinepoint_2_x(268)	1072	1413	1414	1216	1395	1181	1295

spinepoint_2_x(269)	1068	1414	1413	1223	1391	1178	1296
spinepoint_2_x(270)	1063	1415	1411	1227	1386	1175	1298
spinepoint_2_x(271)	1061	1418	1408	1232	1383	1172	1297
spinepoint_2_x(272)	1055	1419	1407	1238	1383	1170	1300
spinepoint_2_x(273)	1052	1425	1404	1244	1383	1166	1301
spinepoint_2_x(274)	1049	1422	1404	1250	1385	1164	1304
spinepoint_2_x(275)	1046	1424	1401	1256	1392	1165	1305
spinepoint_2_x(276)	1045	1424	1401	1260	1392	1162	1305
spinepoint_2_x(277)	1039	1428	1399	1268	1403	1160	1306
spinepoint_2_x(278)	1033	1430	1397	1269	1406	1159	1305
spinepoint_2_x(279)	1029	1432	1396	1277	1414	1162	1308
spinepoint_2_x(280)	1025	1430	1394	1281	1415	1166	1312
spinepoint_2_x(281)	1021	1432	1391	1286	1423	1168	1311
spinepoint_2_x(282)	1016	1435	1389	1287	1426	1170	1313
spinepoint_2_x(283)	1012	1434	1389	1293	1429	1167	1312
spinepoint_2_x(284)	1007		1387	1295		1167	1313
spinepoint_2_x(285)	1000		1385	1298		1171	1314
spinepoint_2_x(286)	994		1382	1299		1172	1316
spinepoint_2_x(287)	993		1381	1302		1172	1315
spinepoint_2_x(288)	989	1437	1379	1296	1432	1170	1315
spinepoint_2_x(289)	988	1438	1379	1299	1429	1172	1320
spinepoint_2_x(290)	980	1438	1375	1295	1422	1173	1322
spinepoint_2_x(291)	978	1440	1375	1289	1416	1174	1325
spinepoint_2_x(292)	976	1440	1372	1284	1411	1174	1328
spinepoint_2_x(293)	969	1441	1371	1276	1404	1175	1329
spinepoint_2_x(294)	966	1441	1371	1268	1400	1175	1333
spinepoint_2_x(295)	962	1438	1370	1264	1397	1176	1336
spinepoint_2_x(296)	958	1439	1371	1259	1394	1175	1337
spinepoint_2_x(297)	952	1441	1371	1254	1391	1175	1340
spinepoint_2_x(298)	949	1441	1372	1253	1391	1175	1340
spinepoint_2_x(299)	944	1439	1372	1250	1389	1174	1346
spinepoint_2_x(300)	941	1439	1372	1250	1390	1172	1348
spinepoint_2_x(301)	937	1438		1252	1388	1173	
spinepoint_2_x(302)	936	1439		1255	1391	1173	
spinepoint_2_x(303)	932	1441		1262	1391	1173	
spinepoint_2_x(304)	927	1442		1264	1394	1172	
spinepoint_2_x(305)	925	1446		1270	1394	1173	
spinepoint_2_x(306)	923	1447		1271	1394	1174	
spinepoint_2_x(307)	921	1450		1279		1173	
spinepoint_2_x(308)	918	1453		1283		1173	
spinepoint_2_x(309)	915	1459		1290		1167	
spinepoint_2_x(310)	911	1461				1169	
spinepoint_2_x(311)	907	1463		1294		1171	
spinepoint_2_x(312)	903	1467		1294	1393	1170	
spinepoint_2_x(313)	899	1469		1301	1393	1169	
spinepoint_2_x(314)	898	1469	1361	1305	1396	1168	1331
spinepoint_2_x(315)	896	1470	1360	1306	1398	1167	1328
spinepoint_2_x(316)	895	1471	1359	1307	1403	1168	1324
spinepoint_2_x(317)	894	1471	1355	1312	1408	1169	1320
spinepoint_2_x(318)	895	1473	1354	1314	1412	1169	1317

spinepoint_2_x(319)	896	1473	1354	1314	1414	1170	1316
spinepoint_2_x(320)	900	1474	1348	1314	1418	1171	1310
spinepoint_2_x(321)	902	1472	1348	1317	1420	1172	1308
spinepoint_2_x(322)	904	1471		1318	1422	1173	
spinepoint_2_x(323)	903	1470	1345	1317	1425	1176	1306
spinepoint_2_x(324)	897	1469	1342	1317	1427	1173	1302
spinepoint_2_x(325)	895	1467	1341	1315	1429	1172	1302
spinepoint_2_x(326)	896	1466	1340	1309	1430	1173	1303
spinepoint_2_x(327)	898	1464	1337	1306	1433	1172	1303
spinepoint_2_x(328)	896	1463	1335	1305	1436	1169	1302
spinepoint_2_x(329)	897	1461	1333	1299	1438	1165	1302
spinepoint_2_x(330)	896	1460	1332	1296	1439	1161	1303
spinepoint_2_x(331)	894	1457	1330	1291	1442	1157	1298
spinepoint_2_x(332)	891	1456		1289	1446	1151	
spinepoint_2_x(333)	891	1453	1324	1287	1447	1145	1305
spinepoint_2_x(334)	890	1452	1322	1287	1450	1140	1302
spinepoint_2_x(335)	887	1450	1322	1287	1451	1136	1302
spinepoint_2_x(336)	885	1447	1318	1290	1451	1130	1305
spinepoint_2_x(337)	885	1446	1315	1293	1453	1125	1307
spinepoint_2_x(338)	887	1444		1297	1455	1119	
spinepoint_2_x(339)	885	1446	1311	1298	1457	1113	1311
spinepoint_2_x(340)	882	1445	1310	1302	1459	1106	1313
spinepoint_2_x(341)	877	1445	1307	1305	1460	1101	1316
spinepoint_2_x(342)	872	1447	1305	1307	1461	1098	1320
spinepoint_2_x(343)	863	1447	1305	1311	1461	1091	1322
spinepoint_2_x(344)	860	1449	1300	1314	1459	1088	1324
spinepoint_2_x(345)	854	1454	1300	1316	1458	1084	1326
spinepoint_2_x(346)	853	1457	1297	1323	1455	1081	1330
spinepoint_2_x(347)	850	1461	1296	1325	1453	1084	1331
spinepoint_2_x(348)	845	1465	1292	1331	1450	1079	1333
spinepoint_2_x(349)	843	1468	1292	1333	1446	1075	1335
spinepoint_2_x(350)	838	1471	1288	1339	1443	1068	1338
spinepoint_2_x(351)	837	1473	1289	1343	1440	1065	1342
spinepoint_2_x(352)	832	1474	1289	1349	1437	1062	1344
spinepoint_2_x(353)	830	1479	1290	1355	1434	1060	1346
spinepoint_2_x(354)	833	1480	1288	1357	1430	1057	1350
spinepoint_2_x(355)	831	1480	1288	1363	1426	1053	1350
spinepoint_2_x(356)	831	1481	1286	1367	1423	1052	1350
spinepoint_2_x(357)	830	1483	1286	1373	1421	1052	1351
spinepoint_2_x(358)	831	1482	1285	1376	1419	1052	1348
spinepoint_2_x(359)	833	1481	1285	1378	1417	1053	1350
spinepoint_2_y(0)	982	977	907	717	678	633	580
spinepoint_2_y(1)	978	975	907	710	675	632	580
spinepoint_2_y(2)	982	972	910	702	672	635	580
spinepoint_2_y(3)	981	970	910	694	669	634	580
spinepoint_2_y(4)	982	967	912	692	665	635	580
spinepoint_2_y(5)	980	966	914	687	663	634	580
spinepoint_2_y(6)	982	964	915	683	663	632	579
spinepoint_2_y(7)	984	961	913	677	662	632	580
spinepoint_2_y(8)	987	961	916	665	663	632	580

spinepoint_2_y(9)	989	959	917	659	663	634	580
spinepoint_2_y(10)	992	957	919	652	664	631	579
spinepoint_2_y(11)	993	957	921	644	667	628	579
spinepoint_2_y(12)	995	956	921	638	669	627	580
spinepoint_2_y(13)	996	956	921	631	668	628	579
spinepoint_2_y(14)	997	955	918	624	669	630	579
spinepoint_2_y(15)	996	955	917	618	669	627	579
spinepoint_2_y(16)	993	955	914	613	671	621	579
spinepoint_2_y(17)	988	955	912	608	671	624	579
spinepoint_2_y(18)	981	955	906	604	670	621	580
spinepoint_2_y(19)	981	957	904	598	667	622	580
spinepoint_2_y(20)	983	957	905	591	663	623	581
spinepoint_2_y(21)	986	959	905	582	659	622	582
spinepoint_2_y(22)	987	960	904	577	653	626	582
spinepoint_2_y(23)	994	962	904	572	646	625	582
spinepoint_2_y(24)	1002	965	905	569	642	625	583
spinepoint_2_y(25)	1008	966	906	564	634	626	582
spinepoint_2_y(26)	1008	966	906	564	634	626	582
spinepoint_2_y(27)	1015	970	904	555	629	620	581
spinepoint_2_y(28)	1019	971	903	550	625	616	579
spinepoint_2_y(29)	1022	973	901	541	617	616	577
spinepoint_2_y(30)	1022	978	901	535	615	617	576
spinepoint_2_y(31)	1018	981	899	526	613	618	574
spinepoint_2_y(32)	1015	984	895	519	610	616	574
spinepoint_2_y(33)			895	512	611	613	575
spinepoint_2_y(34)			894	508	608	609	577
spinepoint_2_y(35)			892	501	607	611	575
spinepoint_2_y(36)			891	495	604	610	574
spinepoint_2_y(37)			889	487	607	609	576
spinepoint_2_y(38)			886	482	612	605	578
spinepoint_2_y(39)			884	477	617	602	578
spinepoint_2_y(40)	998	1015	884	474	622	606	579
spinepoint_2_y(41)	1001	1018	879	468	626	605	577
spinepoint_2_y(42)	1006	1022	876	459	631	604	573
spinepoint_2_y(43)	1008	1026	877	452	632	602	574
spinepoint_2_y(44)	1009	1028	877	445	635	600	572
spinepoint_2_y(45)	1009	1030	877	440	640	602	572
spinepoint_2_y(46)	1007	1032	876	434	642	601	574
spinepoint_2_y(47)	1005	1035	879	428	643	599	572
spinepoint_2_y(48)	1003	1035	879	423	645	596	572
spinepoint_2_y(49)	1001	1037	879	417	644	594	574
spinepoint_2_y(50)	999	1037	879	417	640	594	577
spinepoint_2_y(51)	997	1037	878	416	636	590	578
spinepoint_2_y(52)	996	1036	881	417	632	589	580
spinepoint_2_y(53)	997	1036	879	419	629	587	581
spinepoint_2_y(54)	993	1037	883	424	627	582	583
spinepoint_2_y(55)	994	1036	884	428	620	581	581
spinepoint_2_y(56)	996	1035	880	433	616	576	581
spinepoint_2_y(57)	999	1035	878	438	612	574	579
spinepoint_2_y(58)	1003	1035	873	441	607	567	578

spinepoint_2_y(59)	1005	1037	868	444	600	566	581
spinepoint_2_y(60)	1013	1035	865	441	600	561	582
spinepoint_2_y(61)	1017	1035	860	438	600	558	584
spinepoint_2_y(62)	1021	1034	859	434	602	557	587
spinepoint_2_y(63)	1023	1033	858	431	600	558	587
spinepoint_2_y(64)	1028	1033	853	428	598	562	588
spinepoint_2_y(65)	1033	1037	854	424	601	558	587
spinepoint_2_y(66)	1037	1038	854	424	598	559	584
spinepoint_2_y(67)	1042	1038	851	421	597	557	581
spinepoint_2_y(68)	1048	1036	850	421	595	550	581
spinepoint_2_y(69)	1053	1032	850	423	594	550	579
spinepoint_2_y(70)	1061	1028	846	423	597	551	575
spinepoint_2_y(71)	1062	1025	846	426	601	554	572
spinepoint_2_y(72)	1064	1020	848	432	606	559	572
spinepoint_2_y(73)	1063	1015	851	431	603	550	573
spinepoint_2_y(74)	1063	1011	847	436	605	549	571
spinepoint_2_y(75)	1057	1008	847	440	607	550	570
spinepoint_2_y(76)	1058	1006	842	444	608	551	568
spinepoint_2_y(77)	1061	1005	839	450	610	553	567
spinepoint_2_y(78)	1063	1003	835	455	613	550	566
spinepoint_2_y(79)	1067	1003	832	461	617	548	565
spinepoint_2_y(80)	1064	1005	832	465	619	548	564
spinepoint_2_y(81)	1062	1005	826	469	622	546	563
spinepoint_2_y(82)	1059	1007	825	472	624	543	564
spinepoint_2_y(83)	1057	1009	821	476	629	541	565
spinepoint_2_y(84)	1053	1011	819	482	627	538	564
spinepoint_2_y(85)	1051	1013	815	484	630	532	566
spinepoint_2_y(86)	1049	1014	814	484	630	531	566
spinepoint_2_y(87)	1045	1019	808	485	632	528	568
spinepoint_2_y(88)			806	488	635	525	573
spinepoint_2_y(89)			804	489	635	526	577
spinepoint_2_y(90)			802	492	636	522	582
spinepoint_2_y(91)			802	496	634	518	585
spinepoint_2_y(92)			800	498	635	517	589
spinepoint_2_y(93)			803	497	638	517	594
spinepoint_2_y(94)			800	499	640	520	598
spinepoint_2_y(95)			797	499	639	525	600
spinepoint_2_y(96)	1013	1037	793	501	637	524	601
spinepoint_2_y(97)	1008	1037	791		637		600
spinepoint_2_y(98)	1003	1037	789		635		601
spinepoint_2_y(99)	999	1037	787	500	633	516	600
spinepoint_2_y(100)	993	1038	785	496	631	512	596
spinepoint_2_y(101)	987	1039	781	493	629	506	591
spinepoint_2_y(102)	982	1041	782	485	627	503	594
spinepoint_2_y(103)	978	1041	778	480	622	499	592
spinepoint_2_y(104)	972	1041	779		620		592
spinepoint_2_y(105)	968	1041	780	468	615	493	592
spinepoint_2_y(106)	961	1041	780	467	613	493	594
spinepoint_2_y(107)	956	1041	781	465	614		596
spinepoint_2_y(108)	955	1041	783	467	611	490	595

spinepoint_2_y(109)	948	1041	782	467	612	494	596
spinepoint_2_y(110)	945	1042	783	469	615	490	594
spinepoint_2_y(111)	942	1037	783	473	615	492	593
spinepoint_2_y(112)	937	1034	783	476	617	490	593
spinepoint_2_y(113)	935	1031	784	481	619	487	596
spinepoint_2_y(114)	930	1027	785	486	624	485	596
spinepoint_2_y(115)	926	1024	783	491	627	480	594
spinepoint_2_y(116)	920	1021	784	497	626	474	592
spinepoint_2_y(117)	917	1018	783	501	626	469	592
spinepoint_2_y(118)	911	1014	783	507	625	464	592
spinepoint_2_y(119)	909	1015	781	512	624	458	595
spinepoint_2_y(120)	902	1012	781	514	621	456	594
spinepoint_2_y(121)	898	1011	781	523	615	451	597
spinepoint_2_y(122)	893	1007		529	610	449	592
spinepoint_2_y(123)	889	1003	782	535	604	449	593
spinepoint_2_y(124)	883	999	780	540	598	444	592
spinepoint_2_y(125)	882	996	781	545	594	443	592
spinepoint_2_y(126)	880	990	779	550	589	441	593
spinepoint_2_y(127)	883	988	777	553	583	446	593
spinepoint_2_y(128)	881	984	773	563	577	442	589
spinepoint_2_y(129)	882	980	776	565	571	441	594
spinepoint_2_y(130)	887	974	778	576	566	441	594
spinepoint_2_y(131)	889	972	777	578	564	442	588
spinepoint_2_y(132)	895	970	772	584	560	441	592
spinepoint_2_y(133)	901	969	773	588	558	442	592
spinepoint_2_y(134)	907	967	775	594	556	444	593
spinepoint_2_y(135)	913	964	776	601	556	442	595
spinepoint_2_y(136)	916	957	776	606	554	438	596
spinepoint_2_y(137)	919	957	777	609	553	435	600
spinepoint_2_y(138)	923	956	778	614	556	433	601
spinepoint_2_y(139)	928	952	778	621	557	431	604
spinepoint_2_y(140)	932	947	778	629	557	431	606
spinepoint_2_y(141)	937	943	779	633	556	430	609
spinepoint_2_y(142)	941	941	781	641	556	430	611
spinepoint_2_y(143)	946	936	782	645	557	429	614
spinepoint_2_y(144)	950	934	785	652	558	431	618
spinepoint_2_y(145)	954	929	785	659	557	433	619
spinepoint_2_y(146)	957	927	788	664	558	430	619
spinepoint_2_y(147)	960	923	790	667	556	431	620
spinepoint_2_y(148)	967	921	790	671	558	433	619
spinepoint_2_y(149)	969	917	789	672	556	435	617
spinepoint_2_y(150)	969	914	788	670	559	435	615
spinepoint_2_y(151)	970	915	789	673	564	435	616
spinepoint_2_y(152)	970	914	787	670	566	437	617
spinepoint_2_y(153)	969	914	786	665	572	438	618
spinepoint_2_y(154)	967	911	790	660	577	440	616
spinepoint_2_y(155)	964	907	791	658	582	440	613
spinepoint_2_y(156)	960	909	791	653	586	441	612
spinepoint_2_y(157)	956	905	792	648	589	441	615
spinepoint_2_y(158)	951	906	793	647	591	438	615

spinepoint_2_y(159)	945	907	794	645	596	436	615
spinepoint_2_y(160)	940	906	794	647	596	433	616
spinepoint_2_y(161)	935	907	795	649	600	432	616
spinepoint_2_y(162)	928	910	796	654	602	427	613
spinepoint_2_y(163)	927	909	796	657	605	419	611
spinepoint_2_y(164)	921	907	797	663	607	414	607
spinepoint_2_y(165)	918	908	796	669	613	412	607
spinepoint_2_y(166)	915	909	797	675	617	415	601
spinepoint_2_y(167)	911	907	796	683	619		600
spinepoint_2_y(168)	908	907	795	687	622	431	596
spinepoint_2_y(169)	904	907	795	692	627	433	597
spinepoint_2_y(170)	901	904	794	697	629	428	598
spinepoint_2_y(171)	898	902	794	702	635	425	602
spinepoint_2_y(172)	894	900	791	708	637	417	605
spinepoint_2_y(173)	887	898	792	710	641	409	610
spinepoint_2_y(174)	884	897	792	716	644	403	615
spinepoint_2_y(175)	880	897	791	723	648	397	618
spinepoint_2_y(176)	871	895	790	726	651	390	621
spinepoint_2_y(177)	867	896	790	733	654	384	625
spinepoint_2_y(178)	865	897	789	738	659	380	628
spinepoint_2_y(179)	861	897	787	743	660	373	630
spinepoint_2_y(180)	861	899	787	746	665	365	626
spinepoint_2_y(181)	865	899	787	755	667	362	627
spinepoint_2_y(182)	866	899	787	757	673	358	625
spinepoint_2_y(183)	869	900	787	763	675	355	624
spinepoint_2_y(184)	873	901	787	770	676	352	624
spinepoint_2_y(185)	879	900	786	774	681	346	625
spinepoint_2_y(186)			787	779	683	338	625
spinepoint_2_y(187)			786	784	684	335	625
spinepoint_2_y(188)			785	790	689	330	624
spinepoint_2_y(189)	890	905	784	796	688	328	619
spinepoint_2_y(190)	889	904	784	805	686	330	615
spinepoint_2_y(191)	886	907	783	810	686	331	617
spinepoint_2_y(192)	881	907	779	815	681	333	613
spinepoint_2_y(193)	876	907	780	823	680	330	609
spinepoint_2_y(194)	872	909	781	829	683	332	604
spinepoint_2_y(195)	866	913	781	831	682	331	605
spinepoint_2_y(196)	865	914	782	833	683	330	603
spinepoint_2_y(197)	860	914	784	841	683	334	603
spinepoint_2_y(198)	853	913	786	843	683	334	604
spinepoint_2_y(199)	849	915	789	851	681	332	607
spinepoint_2_y(200)	845	916	785	860	681	330	608
spinepoint_2_y(201)	838	919	784	867	677	331	607
spinepoint_2_y(202)	833	921	781	873	677	330	606
spinepoint_2_y(203)	828	923	781	881	675	327	605
spinepoint_2_y(204)	824	923	778	888	675	325	604
spinepoint_2_y(205)	821	925	778	894	672	327	605
spinepoint_2_y(206)	817	927	776	897	667	328	605
spinepoint_2_y(207)	812	926	769	906	665	330	604
spinepoint_2_y(208)	810	925	770	913	665	326	601

spinepoint_2_y(209)	814	923	763	919	663		602
spinepoint_2_y(210)	816	923	763	926	658	337	605
spinepoint_2_y(211)	822	922	760	933	656	333	607
spinepoint_2_y(212)	825	921	758	935	652	336	609
spinepoint_2_y(213)	827	921	755	944	651	331	611
spinepoint_2_y(214)	834	921	751	946	648	323	612
spinepoint_2_y(215)	833	922	749	950	643	325	613
spinepoint_2_y(216)	834	921	747	951	640	327	613
spinepoint_2_y(217)	833	921	745	949	639	325	613
spinepoint_2_y(218)	833	921	742	944	634	324	615
spinepoint_2_y(219)	832	922	740	940	632	325	615
spinepoint_2_y(220)	831	922	739	932	623	328	615
spinepoint_2_y(221)	829	920	737	928	624	330	615
spinepoint_2_y(222)	828	916	737	925	624	330	615
spinepoint_2_y(223)	825	916	735	923	624	332	615
spinepoint_2_y(224)	825	912	733	923	620	333	612
spinepoint_2_y(225)	821	909	732	925	618	337	611
spinepoint_2_y(226)	818	904	733	926	619	340	611
spinepoint_2_y(227)	815	901	731	927	622	340	612
spinepoint_2_y(228)	812	899	729	932	626	343	614
spinepoint_2_y(229)	808	897	729	938	630	343	616
spinepoint_2_y(230)	805	893	729	944	635	344	620
spinepoint_2_y(231)	802	889	729	950	642	350	623
spinepoint_2_y(232)	798	885	728	954	648	350	627
spinepoint_2_y(233)	796	882	728	958	654	349	631
spinepoint_2_y(234)	792	880	728	962	659	349	631
spinepoint_2_y(235)	789	875	728	970	664	342	632
spinepoint_2_y(236)	784	873	729	976	669	343	635
spinepoint_2_y(237)	783	867	729	982	676	342	635
spinepoint_2_y(238)	781	866	731	985	680	343	635
spinepoint_2_y(239)	774	861	730	992	682	338	635
spinepoint_2_y(240)	773	857	731	992	681	340	635
spinepoint_2_y(241)	767	857	731	995	681	341	633
spinepoint_2_y(242)	766	855	731	993	680	342	633
spinepoint_2_y(243)	760	852	732	996	680	343	631
spinepoint_2_y(244)	758	847	727	1001	675	340	630
spinepoint_2_y(245)	754	846	728	1007	674	337	629
spinepoint_2_y(246)	752	841	724	1009	669	336	627
spinepoint_2_y(247)	751	839	726	1011	671	335	626
spinepoint_2_y(248)	751	833	723	1014	672	333	625
spinepoint_2_y(249)	748	831	721	1016	669	333	625
spinepoint_2_y(250)	748	826	724	1018	666	331	625
spinepoint_2_y(251)	747	825	723	1021	666	329	627
spinepoint_2_y(252)	747	819	722	1025	668	331	631
spinepoint_2_y(253)	745	816	725	1026	668	329	636
spinepoint_2_y(254)	746	814	725	1028	672	329	639
spinepoint_2_y(255)	744	808	726	1028	676	329	644
spinepoint_2_y(256)	741	807	726	1029	679	332	651
spinepoint_2_y(257)	743	802	725	1030	683	336	655
spinepoint_2_y(258)	741	800	726	1032	686	336	658

spinepoint_2_y(259)	739	798	727	1033	692	341	659
spinepoint_2_y(260)	738	794	727	1035	693	344	665
spinepoint_2_y(261)	735	790	727	1032	702	348	667
spinepoint_2_y(262)	734	786	726	1033	701	352	674
spinepoint_2_y(263)	733	783	726	1039	703	355	674
spinepoint_2_y(264)	731	779	726	1045	703	363	677
spinepoint_2_y(265)	732	774	725	1047	699	366	682
spinepoint_2_y(266)	728	768	725	1044	699	369	682
spinepoint_2_y(267)	729	767	725	1046	694	374	686
spinepoint_2_y(268)	727	768	725	1045	690	375	689
spinepoint_2_y(269)	728	763	724	1040	686	379	691
spinepoint_2_y(270)	727	762	724	1036	680	385	694
spinepoint_2_y(271)	727	761	723	1033	675	386	693
spinepoint_2_y(272)	727	757	722	1030	673	389	699
spinepoint_2_y(273)	725	753	721	1027	671	394	700
spinepoint_2_y(274)	724	755	722	1024	674	399	705
spinepoint_2_y(275)	722	753	719	1025	674	401	706
spinepoint_2_y(276)	720	752	719	1024	677	403	706
spinepoint_2_y(277)	719	748	719	1027	679	401	707
spinepoint_2_y(278)	714	747	719	1029	682	400	702
spinepoint_2_y(279)	713	743	718	1031	685	403	702
spinepoint_2_y(280)	711	745	717	1034	687	398	699
spinepoint_2_y(281)	710	743	717	1035	693	396	699
spinepoint_2_y(282)	709	741	715	1037	696	392	698
spinepoint_2_y(283)	709	741	715	1042	703	392	699
spinepoint_2_y(284)	708		714	1044		390	699
spinepoint_2_y(285)	707		714	1047		393	699
spinepoint_2_y(286)	707		711	1048		392	700
spinepoint_2_y(287)	707		712	1051		390	701
spinepoint_2_y(288)	705	737	708	1045	709	387	699
spinepoint_2_y(289)	705	733	708	1050	711	385	700
spinepoint_2_y(290)	705	732	705	1055	712	379	701
spinepoint_2_y(291)	705	730	704	1056	710	375	701
spinepoint_2_y(292)	705	731	702	1057	707	372	702
spinepoint_2_y(293)	707	729	701	1060	704	366	703
spinepoint_2_y(294)	708	728	701	1060	701	360	703
spinepoint_2_y(295)	709	728	699	1056	696	355	703
spinepoint_2_y(296)	711	726	701	1054	691	350	703
spinepoint_2_y(297)	715	732	701	1050	684	345	703
spinepoint_2_y(298)	715	732	702	1046	681	342	704
spinepoint_2_y(299)	719	732	701	1041	679	338	704
spinepoint_2_y(300)	721	733	699	1034	671	334	707
spinepoint_2_y(301)	723	732		1029	668	331	
spinepoint_2_y(302)	726	734		1024	668	324	
spinepoint_2_y(303)	729	731		1019	675	323	
spinepoint_2_y(304)	736	732		1019	679	325	
spinepoint_2_y(305)	738	731		1017	687	327	
spinepoint_2_y(306)	744	733		1016	691	325	
spinepoint_2_y(307)	745	733		1015		327	
spinepoint_2_y(308)	750	732		1012		327	

spinepoint_2_y(309)	754	733		1012		327	
spinepoint_2_y(310)	754	733				330	
spinepoint_2_y(311)	758	735		999		334	
spinepoint_2_y(312)	762	737		1003	714	334	
spinepoint_2_y(313)	767	739		1007	712	342	
spinepoint_2_y(314)	770	741	705	1009	712	349	699
spinepoint_2_y(315)	773	743	705	1009	711	354	700
spinepoint_2_y(316)	780	746	705	1006	709	360	701
spinepoint_2_y(317)	785	751	705	1008	706	363	703
spinepoint_2_y(318)	791	752	705	1011	702	370	706
spinepoint_2_y(319)	796	757	705	1013	698	374	708
spinepoint_2_y(320)	802	759	706	1012	694	379	710
spinepoint_2_y(321)	809	763	705	1016	690	380	712
spinepoint_2_y(322)	812	767		1019	688	381	
spinepoint_2_y(323)	814	769	706	1021	685	383	716
spinepoint_2_y(324)	815	772	705	1029	680	385	720
spinepoint_2_y(325)	814	775	705	1034	676	386	721
spinepoint_2_y(326)	811	778	705	1038	673	384	721
spinepoint_2_y(327)	810	781	705	1039	669	386	719
spinepoint_2_y(328)	812	783	705	1039	663	388	718
spinepoint_2_y(329)	812	785	704	1037	661	392	717
spinepoint_2_y(330)	814	787	704	1036	654	394	715
spinepoint_2_y(331)	816	790	703	1030	653	396	715
spinepoint_2_y(332)	820	792		1028	645	398	
spinepoint_2_y(333)	821	794	703	1023	642	400	716
spinepoint_2_y(334)	819	796	703	1019	636	403	718
spinepoint_2_y(335)	817	798	703	1013	635	403	722
spinepoint_2_y(336)	815	801	703	1006	629	406	723
spinepoint_2_y(337)	814	802	701	1002	625	405	725
spinepoint_2_y(338)	810	804		996	619	407	
spinepoint_2_y(339)	804	802	702	992	614	409	729
spinepoint_2_y(340)	799	802	700	990	610	411	730
spinepoint_2_y(341)	793	804	698	988	604	412	733
spinepoint_2_y(342)	790	803	697	987	602	412	737
spinepoint_2_y(343)	785	807	697	983	602	411	739
spinepoint_2_y(344)	784	804	696	983	601	410	741
spinepoint_2_y(345)	781	806	695	979	597	413	742
spinepoint_2_y(346)	779	804	693	974	591	417	746
spinepoint_2_y(347)	778	803	691	974	587	415	746
spinepoint_2_y(348)	775	799	689	971	583	411	747
spinepoint_2_y(349)	774	796	688	970	577	407	749
spinepoint_2_y(350)	771	793	684	967	575	401	751
spinepoint_2_y(351)	771	790	686	967	570	396	753
spinepoint_2_y(352)	769	788	686	965	569	391	755
spinepoint_2_y(353)	768	781	687	964	565	387	756
spinepoint_2_y(354)	767	777	683	963	562	383	758
spinepoint_2_y(355)	762	776	682	961	558	377	759
spinepoint_2_y(356)	760	771	677	957	557	374	759
spinepoint_2_y(357)	755	763	674	956	553	370	759
spinepoint_2_y(358)	749	763	672	953	553	373	759

spinepoint_2_y(359)	746	755	667	952	552	372	759
spinepoint_3_x(0)	1297	1227	1459	1022	1457	1117	1365
spinepoint_3_x(1)	1299	1230	1460	1020	1462	1116	1363
spinepoint_3_x(2)	1300	1235	1462	1017	1467	1117	1363
spinepoint_3_x(3)	1300	1236	1463	1018	1471	1115	1363
spinepoint_3_x(4)	1298	1243	1466	1015	1475	1115	1364
spinepoint_3_x(5)	1296	1229	1468	1012	1478	1110	1365
spinepoint_3_x(6)	1296	1233	1474	1013	1482	1111	1364
spinepoint_3_x(7)	1298	1239	1473	1012	1483	1111	1364
spinepoint_3_x(8)	1303	1241	1477	1010	1489	1118	1364
spinepoint_3_x(9)	1309	1247	1478	1012	1493	1120	1366
spinepoint_3_x(10)	1316	1251	1481	1013	1496	1116	1368
spinepoint_3_x(11)	1319	1253	1482	1014	1498	1113	1366
spinepoint_3_x(12)	1323	1258	1484	1011	1503	1110	1367
spinepoint_3_x(13)	1327	1259	1484	1011	1508	1109	1369
spinepoint_3_x(14)	1327	1267	1484	1012	1513	1106	1366
spinepoint_3_x(15)	1324	1271	1497	1013	1520	1106	1366
spinepoint_3_x(16)	1325	1275	1493	1014	1520	1113	1368
spinepoint_3_x(17)	1327	1279	1489	1018	1521	1117	1368
spinepoint_3_x(18)	1329	1282	1483	1020	1519	1115	1366
spinepoint_3_x(19)	1328	1286	1477	1022	1519	1115	1367
spinepoint_3_x(20)	1328	1289	1474	1027	1522	1115	1367
spinepoint_3_x(21)	1321	1292	1483	1033	1526	1114	1365
spinepoint_3_x(22)	1321	1296	1483	1036	1528	1108	1365
spinepoint_3_x(23)	1321	1299	1483	1042	1533	1106	1364
spinepoint_3_x(24)	1323	1305	1481	1042	1533	1105	1363
spinepoint_3_x(25)	1326	1322	1481	1044	1535	1106	1361
spinepoint_3_x(26)	1326	1322	1481	1044	1535	1106	1361
spinepoint_3_x(27)	1331	1325	1476	1047	1535	1109	1357
spinepoint_3_x(28)	1335	1325	1474	1047	1534	1109	1354
spinepoint_3_x(29)	1339	1327	1469	1050	1532	1104	1352
spinepoint_3_x(30)	1339	1329	1469	1048	1531	1102	1352
spinepoint_3_x(31)	1341	1330	1467	1052	1526	1102	1352
spinepoint_3_x(32)	1342	1328	1461	1054	1521	1104	1351
spinepoint_3_x(33)			1460	1055	1519	1109	1350
spinepoint_3_x(34)			1461	1057	1515	1112	1338
spinepoint_3_x(35)			1457	1060	1515	1120	1339
spinepoint_3_x(36)			1457	1064	1514	1117	1338
spinepoint_3_x(37)			1453	1066	1510	1115	1338
spinepoint_3_x(38)			1450	1069	1508	1111	1343
spinepoint_3_x(39)			1449	1072	1505	1105	1347
spinepoint_3_x(40)	1337	1316	1447	1075	1502	1100	1347
spinepoint_3_x(41)	1337	1312	1445	1079	1500	1103	1346
spinepoint_3_x(42)	1340	1310	1443	1085	1492	1103	1346
spinepoint_3_x(43)	1342	1306	1443	1089	1490	1105	1346
spinepoint_3_x(44)	1347	1304	1443	1092	1486	1103	1346
spinepoint_3_x(45)	1351	1303	1441	1096	1483	1102	1348
spinepoint_3_x(46)	1356	1300	1443	1098	1484	1100	1352
spinepoint_3_x(47)	1361	1297	1441	1102	1488	1100	1360
spinepoint_3_x(48)	1366	1293	1434	1107	1492	1099	1354

spinepoint_3_x(49)	1376	1288	1437	1109	1492	1099	1354
spinepoint_3_x(50)	1378	1285	1433	1111	1493	1098	1355
spinepoint_3_x(51)	1382	1280	1428	1111	1489	1106	1358
spinepoint_3_x(52)	1380	1275	1433	1114	1489	1106	1361
spinepoint_3_x(53)	1380	1269	1430	1113	1488	1104	1360
spinepoint_3_x(54)	1379	1269	1437	1114	1483	1102	1361
spinepoint_3_x(55)	1374	1267	1440	1116	1482	1100	1364
spinepoint_3_x(56)	1370	1263	1443	1116	1480	1097	1367
spinepoint_3_x(57)	1365	1262	1447	1115	1479	1096	1366
spinepoint_3_x(58)	1360	1260	1445	1114	1477	1093	1368
spinepoint_3_x(59)	1356	1261	1444	1111	1476	1093	1365
spinepoint_3_x(60)	1353	1257	1443	1110	1478	1093	1372
spinepoint_3_x(61)	1350	1258	1443	1105	1478	1091	1370
spinepoint_3_x(62)	1346	1262	1443	1105	1476	1091	1363
spinepoint_3_x(63)	1343	1260	1442	1103	1476	1090	1359
spinepoint_3_x(64)	1341	1262	1445	1103	1477	1092	1354
spinepoint_3_x(65)	1343	1261	1445	1100	1474	1091	1349
spinepoint_3_x(66)	1341	1260	1443	1102	1474	1091	1346
spinepoint_3_x(67)	1338	1261	1441	1104	1474	1090	1340
spinepoint_3_x(68)	1333	1259	1441	1108	1473	1089	1336
spinepoint_3_x(69)	1329	1258	1441	1111	1472	1087	1333
spinepoint_3_x(70)	1328	1254	1443	1115	1473	1087	1329
spinepoint_3_x(71)	1329	1254	1443	1119	1471	1081	1325
spinepoint_3_x(72)	1328	1253	1445	1129	1473	1075	1326
spinepoint_3_x(73)	1328	1253	1445	1130	1473	1069	1328
spinepoint_3_x(74)	1329	1255	1441	1135	1475	1072	1337
spinepoint_3_x(75)	1332	1255	1446	1139	1480	1082	1337
spinepoint_3_x(76)	1335	1257	1447	1141	1485	1085	1342
spinepoint_3_x(77)	1336	1258	1446	1144	1489	1086	1348
spinepoint_3_x(78)	1340	1262	1445	1146	1493	1087	1354
spinepoint_3_x(79)	1343	1266	1445	1146	1500	1088	1358
spinepoint_3_x(80)	1342	1266	1443	1145	1502	1086	1364
spinepoint_3_x(81)	1339	1270	1443	1143	1506	1084	1369
spinepoint_3_x(82)	1336	1272	1441	1141	1509	1080	1366
spinepoint_3_x(83)	1334	1278	1441	1139	1516	1079	1365
spinepoint_3_x(84)	1330	1281	1439	1135	1518	1075	1353
spinepoint_3_x(85)	1326	1284	1437	1133	1526	1070	1349
spinepoint_3_x(86)	1325	1287	1437	1129	1524	1068	1344
spinepoint_3_x(87)	1320	1292	1433	1128	1527	1063	1343
spinepoint_3_x(88)			1435	1124	1531	1059	1344
spinepoint_3_x(89)			1433	1122	1532	1062	1355
spinepoint_3_x(90)			1431	1117	1530	1057	1355
spinepoint_3_x(91)			1429	1108	1532	1052	1355
spinepoint_3_x(92)			1430	1104	1530	1049	1356
spinepoint_3_x(93)			1431	1098	1528	1049	1356
spinepoint_3_x(94)			1431	1095	1527	1047	1357
spinepoint_3_x(95)			1431	1088	1525	1047	1358
spinepoint_3_x(96)	1291	1313	1431	1082	1519	1048	1358
spinepoint_3_x(97)	1289	1317	1430		1514		1359
spinepoint_3_x(98)	1289	1320	1432		1511		1361

spinepoint_3_x(99)	1287	1325	1433	1080	1504	1044	1359
spinepoint_3_x(100)	1286	1331	1435	1077	1497	1045	1363
spinepoint_3_x(101)	1283	1332	1436	1073	1495	1044	1355
spinepoint_3_x(102)	1285	1339	1437	1068	1493	1044	1349
spinepoint_3_x(103)	1285	1340	1439	1066	1489	1045	1350
spinepoint_3_x(104)	1284	1341	1436		1485		1349
spinepoint_3_x(105)	1285	1343	1436	1066	1478	1051	1349
spinepoint_3_x(106)	1287	1344	1439	1066	1476	1051	1346
spinepoint_3_x(107)	1288	1341	1440	1069	1476		1343
spinepoint_3_x(108)	1288	1341	1441	1070	1474	1036	1344
spinepoint_3_x(109)	1289	1340	1439	1077	1475	1039	1345
spinepoint_3_x(110)	1290	1340	1441	1080	1473	1045	1344
spinepoint_3_x(111)	1291	1343	1443	1087	1473	1052	1343
spinepoint_3_x(112)	1292	1342	1446	1092	1473	1047	1344
spinepoint_3_x(113)	1292	1342	1450	1097	1470	1046	1345
spinepoint_3_x(114)	1293	1341	1449	1101	1464	1049	1347
spinepoint_3_x(115)	1295	1341	1447	1107	1460	1051	1346
spinepoint_3_x(116)	1295	1339	1448	1111	1459	1055	1344
spinepoint_3_x(117)	1295	1337	1447	1113	1461	1056	1344
spinepoint_3_x(118)	1298	1336	1446	1116	1462	1059	1344
spinepoint_3_x(119)	1301	1335	1448	1117	1460	1061	1342
spinepoint_3_x(120)	1300	1329	1452	1120	1462	1063	1342
spinepoint_3_x(121)	1305	1328	1453	1120	1460	1064	1335
spinepoint_3_x(122)	1305	1324		1122	1460	1068	1347
spinepoint_3_x(123)	1306	1320	1472	1123	1458	1069	1345
spinepoint_3_x(124)	1311	1315	1456	1122	1457	1054	1348
spinepoint_3_x(125)	1313	1314	1454	1121	1456	1055	1344
spinepoint_3_x(126)	1313	1311	1454	1122	1456	1067	1340
spinepoint_3_x(127)	1314	1307	1456	1120	1458	1070	1327
spinepoint_3_x(128)	1318	1305	1457	1119	1459	1066	1329
spinepoint_3_x(129)	1322	1303	1455	1118	1458	1065	1334
spinepoint_3_x(130)	1327	1301	1453	1118	1460	1065	1334
spinepoint_3_x(131)	1327	1299	1456	1118	1462	1064	1333
spinepoint_3_x(132)	1328	1296	1453	1118	1462	1067	1334
spinepoint_3_x(133)	1327	1294	1453	1118	1463	1079	1336
spinepoint_3_x(134)	1324	1292	1454	1118	1460	1081	1335
spinepoint_3_x(135)	1322	1290	1457	1118	1455	1082	1336
spinepoint_3_x(136)	1319	1284	1457	1118	1456	1085	1336
spinepoint_3_x(137)	1320	1285	1459	1118	1458	1091	1337
spinepoint_3_x(138)	1320	1283	1464	1120	1458	1097	1336
spinepoint_3_x(139)	1319	1281	1465	1122	1461	1092	1339
spinepoint_3_x(140)	1319	1280	1467	1125	1464	1094	1340
spinepoint_3_x(141)	1319	1276	1470	1125	1462	1100	1342
spinepoint_3_x(142)	1318	1277	1472	1128	1454	1105	1344
spinepoint_3_x(143)	1317	1276	1478	1129	1456	1110	1347
spinepoint_3_x(144)	1317	1273	1479	1129	1457	1114	1351
spinepoint_3_x(145)	1317	1273	1481	1131	1458	1121	1351
spinepoint_3_x(146)	1318	1274	1485	1130	1461	1123	1351
spinepoint_3_x(147)	1318	1271	1485	1132	1460	1127	1351
spinepoint_3_x(148)	1315	1271	1485	1134	1462	1133	1352

spinepoint_3_x(149)	1316	1269	1486	1134	1462	1138	1351
spinepoint_3_x(150)	1317	1270	1487	1130	1462	1143	1352
spinepoint_3_x(151)	1317	1270	1488	1119	1467	1148	1352
spinepoint_3_x(152)	1317	1270	1484	1115	1467	1154	1351
spinepoint_3_x(153)	1318	1270	1483	1113	1472	1160	1352
spinepoint_3_x(154)	1319	1269	1482	1127	1475	1165	1350
spinepoint_3_x(155)	1318	1269	1482	1128	1478	1171	1346
spinepoint_3_x(156)	1314	1269	1482	1127	1481	1176	1346
spinepoint_3_x(157)	1314	1269	1482	1125	1483	1180	1347
spinepoint_3_x(158)	1315	1270	1483	1126	1485	1187	1347
spinepoint_3_x(159)	1314	1270	1485	1127	1490	1192	1346
spinepoint_3_x(160)	1312	1271	1485	1130	1491	1204	1347
spinepoint_3_x(161)	1312	1269	1484	1132	1494	1207	1348
spinepoint_3_x(162)	1313	1268	1481	1140	1494	1210	1348
spinepoint_3_x(163)	1314	1270	1479	1140	1494	1219	1347
spinepoint_3_x(164)	1314	1273	1477	1146	1494	1230	1344
spinepoint_3_x(165)	1315	1273	1472	1148	1497	1248	1342
spinepoint_3_x(166)	1315	1270	1471	1149	1499	1264	1343
spinepoint_3_x(167)	1317	1266	1469	1150	1501		1340
spinepoint_3_x(168)	1318	1265	1466	1150	1501	1281	1342
spinepoint_3_x(169)	1319	1266	1463	1149	1503	1276	1341
spinepoint_3_x(170)	1321	1267	1461	1147	1503	1274	1341
spinepoint_3_x(171)	1321	1269	1460	1145	1506	1275	1340
spinepoint_3_x(172)	1322	1268	1454	1144	1507	1275	1340
spinepoint_3_x(173)	1324	1272	1454	1142	1510	1276	1339
spinepoint_3_x(174)	1324	1273	1453	1139	1509	1276	1338
spinepoint_3_x(175)	1324	1276	1453	1137	1513	1276	1339
spinepoint_3_x(176)	1323	1278	1451	1133	1513	1275	1338
spinepoint_3_x(177)	1324	1282	1454	1130	1515	1274	1339
spinepoint_3_x(178)	1324	1285	1451	1129	1516	1274	1339
spinepoint_3_x(179)	1324	1288	1449	1127	1517	1274	1337
spinepoint_3_x(180)	1325	1293	1449	1128	1520	1273	1340
spinepoint_3_x(181)	1327	1296	1450	1124	1520	1274	1338
spinepoint_3_x(182)	1328	1297	1450	1124	1524	1274	1338
spinepoint_3_x(183)	1329	1305	1448	1124	1524	1270	1338
spinepoint_3_x(184)	1327	1305	1446	1122	1525	1270	1338
spinepoint_3_x(185)	1328	1306	1443	1120	1529	1269	1339
spinepoint_3_x(186)			1440	1119	1529	1265	1339
spinepoint_3_x(187)			1437	1118	1530	1262	1340
spinepoint_3_x(188)			1433	1117	1534	1261	1340
spinepoint_3_x(189)	1320	1326	1431	1115	1534	1263	1340
spinepoint_3_x(190)	1317	1328	1425	1116	1535	1260	1339
spinepoint_3_x(191)	1315	1335	1425	1115	1532	1240	1332
spinepoint_3_x(192)	1310	1333	1419	1114	1530	1242	1332
spinepoint_3_x(193)	1304	1337	1418	1112	1529	1242	1328
spinepoint_3_x(194)	1304	1339	1416	1109	1529	1247	1330
spinepoint_3_x(195)	1300	1346	1415	1105	1529	1255	1325
spinepoint_3_x(196)	1301	1348	1416	1104	1528	1249	1321
spinepoint_3_x(197)	1300	1351	1417	1100	1523	1245	1317
spinepoint_3_x(198)	1296	1352	1415	1098	1517	1242	1315

spinepoint_3_x(199)	1296	1353	1413	1096	1514	1256	1314
spinepoint_3_x(200)	1296	1358	1417	1092	1506	1258	1310
spinepoint_3_x(201)	1293	1363	1418	1091	1499	1261	1307
spinepoint_3_x(202)	1293	1368	1417	1090	1497	1263	1306
spinepoint_3_x(203)	1291	1372	1417	1089	1493	1264	1307
spinepoint_3_x(204)	1289	1374	1417	1088	1491	1255	1301
spinepoint_3_x(205)	1290	1375	1415	1085	1486	1254	1307
spinepoint_3_x(206)	1289	1378	1413	1086	1480	1251	1321
spinepoint_3_x(207)	1288	1376	1410	1085	1477	1247	1322
spinepoint_3_x(208)	1287	1375	1409	1086	1475	1247	1319
spinepoint_3_x(209)	1288	1376	1409	1087	1472		1320
spinepoint_3_x(210)	1288	1376	1409	1084	1469	1247	1322
spinepoint_3_x(211)	1293	1376	1409	1085	1466	1249	1323
spinepoint_3_x(212)	1291	1377	1407	1084	1465	1249	1327
spinepoint_3_x(213)	1283	1378	1410	1081	1464	1247	1332
spinepoint_3_x(214)	1273	1379	1410	1080	1462	1249	1335
spinepoint_3_x(215)	1270	1377	1412	1076	1460	1251	1340
spinepoint_3_x(216)	1262	1389	1412	1077	1461	1252	1339
spinepoint_3_x(217)	1271	1391	1413	1065	1458	1251	1342
spinepoint_3_x(218)	1267	1391	1414	1064	1459	1255	1346
spinepoint_3_x(219)	1266	1386	1416	1066	1458	1258	1346
spinepoint_3_x(220)	1260	1385	1417	1072	1457	1263	1348
spinepoint_3_x(221)	1257	1377	1418	1079	1458	1267	1348
spinepoint_3_x(222)	1254	1379	1420	1086	1457	1275	1348
spinepoint_3_x(223)	1248	1378	1420	1094	1458	1272	1350
spinepoint_3_x(224)	1246	1377	1422	1098	1460	1274	1347
spinepoint_3_x(225)	1238	1380	1425	1102	1464	1278	1351
spinepoint_3_x(226)	1236	1381	1425	1105	1467	1288	1347
spinepoint_3_x(227)	1230	1380	1426	1108	1471	1292	1361
spinepoint_3_x(228)	1226	1380	1430	1108	1476	1301	1358
spinepoint_3_x(229)	1220	1380	1431	1098	1479	1305	1354
spinepoint_3_x(230)	1218	1379	1431	1101	1483	1314	1348
spinepoint_3_x(231)	1214	1379	1432	1104	1486	1315	1347
spinepoint_3_x(232)	1209	1379	1432	1106	1487	1318	1345
spinepoint_3_x(233)	1205	1378	1430	1107	1489	1316	1345
spinepoint_3_x(234)	1201	1377	1431	1110	1489	1318	1344
spinepoint_3_x(235)	1200	1376	1430	1111	1489	1333	1342
spinepoint_3_x(236)	1195	1376	1430	1113	1490	1331	1338
spinepoint_3_x(237)	1194	1375	1431	1113	1490	1334	1334
spinepoint_3_x(238)	1192	1375	1435	1114	1485	1332	1329
spinepoint_3_x(239)	1188	1375	1434	1115	1483	1325	1325
spinepoint_3_x(240)	1187	1374	1435	1115	1480	1314	1321
spinepoint_3_x(241)	1181	1374	1439	1117	1479	1309	1317
spinepoint_3_x(242)	1179	1373	1438	1119	1472	1303	1311
spinepoint_3_x(243)	1175	1374	1438	1119	1467	1295	1308
spinepoint_3_x(244)	1172	1372	1435	1123	1459	1292	1306
spinepoint_3_x(245)	1169	1373	1432	1128	1454	1300	1303
spinepoint_3_x(246)	1165	1373	1437	1134	1451	1295	1300
spinepoint_3_x(247)	1163	1373	1435	1141	1451	1289	1297
spinepoint_3_x(248)	1162	1373	1436	1148	1453	1282	1294

spinepoint_3_x(249)	1155	1374	1437	1154	1452	1280	1295
spinepoint_3_x(250)	1153	1374	1437	1161	1452	1272	1292
spinepoint_3_x(251)	1151	1374	1438	1167	1450	1267	1293
spinepoint_3_x(252)	1143	1375	1438	1175	1448	1261	1294
spinepoint_3_x(253)	1137	1376	1436	1180	1447	1259	1291
spinepoint_3_x(254)	1137	1376	1435	1181	1447	1254	1291
spinepoint_3_x(255)	1132	1378	1435	1184	1442	1250	1289
spinepoint_3_x(256)	1127	1379	1437	1194	1434	1244	1287
spinepoint_3_x(257)	1128	1381	1437	1197	1430	1239	1286
spinepoint_3_x(258)	1120	1383	1439	1203	1427	1235	1286
spinepoint_3_x(259)	1117	1384	1439	1211	1423	1227	1285
spinepoint_3_x(260)	1113	1388	1440	1212	1421	1225	1286
spinepoint_3_x(261)	1107	1390	1439	1211	1412	1218	1285
spinepoint_3_x(262)	1106	1395	1434	1222	1413	1215	1287
spinepoint_3_x(263)	1099	1396	1434	1217	1413	1211	1286
spinepoint_3_x(264)	1095	1400	1432	1214	1413	1202	1288
spinepoint_3_x(265)	1093	1402	1430	1212	1413	1200	1289
spinepoint_3_x(266)	1087	1405	1427	1216	1413	1196	1289
spinepoint_3_x(267)	1085	1406	1427	1221	1408	1191	1291
spinepoint_3_x(268)	1080	1408	1423	1225	1406	1187	1291
spinepoint_3_x(269)	1077	1409	1422	1232	1401	1183	1293
spinepoint_3_x(270)	1072	1410	1420	1237	1394	1179	1293
spinepoint_3_x(271)	1070	1412	1417	1223	1390	1176	1292
spinepoint_3_x(272)	1064	1414	1416	1228	1390	1174	1295
spinepoint_3_x(273)	1062	1418	1413	1233	1387	1172	1295
spinepoint_3_x(274)	1058	1418	1412	1239	1387	1170	1298
spinepoint_3_x(275)	1055	1418	1410	1246	1387	1169	1298
spinepoint_3_x(276)	1053	1417	1410	1250	1392	1168	1298
spinepoint_3_x(277)	1048	1420	1408	1259	1395	1166	1300
spinepoint_3_x(278)	1042	1423	1404	1260	1398	1162	1299
spinepoint_3_x(279)	1037	1425	1405	1268	1405	1166	1299
spinepoint_3_x(280)	1034	1424	1403	1272	1404	1169	1302
spinepoint_3_x(281)	1030	1424	1398	1276	1414	1172	1302
spinepoint_3_x(282)	1025	1428	1397	1278	1417	1172	1306
spinepoint_3_x(283)	1020	1429	1397	1285	1422	1173	1303
spinepoint_3_x(284)	1015		1394	1287		1173	1305
spinepoint_3_x(285)	1009		1392	1293		1180	1304
spinepoint_3_x(286)	1003		1390	1292		1181	1305
spinepoint_3_x(287)	1003		1387	1295		1178	1305
spinepoint_3_x(288)	998	1433	1386	1302	1428	1176	1305
spinepoint_3_x(289)	997	1436	1384	1295	1428	1176	1311
spinepoint_3_x(290)	988	1436	1380	1292	1423	1174	1311
spinepoint_3_x(291)	987	1436	1380	1293	1420	1167	1315
spinepoint_3_x(292)	985	1436	1377	1289	1417	1169	1318
spinepoint_3_x(293)	978	1440	1377	1285	1413	1172	1318
spinepoint_3_x(294)	974	1438	1375	1279	1409	1174	1323
spinepoint_3_x(295)	971	1436	1375	1274	1404	1175	1326
spinepoint_3_x(296)	966	1436	1375	1268	1401	1175	1326
spinepoint_3_x(297)	960	1439	1375	1262	1397	1176	1330
spinepoint_3_x(298)	958	1440	1378	1260	1395	1176	1329

spinepoint_3_x(299)	952	1439	1378	1255	1392	1175	1336
spinepoint_3_x(300)	949	1442	1377	1253	1391	1175	1338
spinepoint_3_x(301)	946	1444		1253	1389	1174	
spinepoint_3_x(302)	943	1442		1253	1391	1174	
spinepoint_3_x(303)	940	1448		1255	1389	1174	
spinepoint_3_x(304)	934	1450		1257	1387	1174	
spinepoint_3_x(305)	932	1454		1261	1389	1174	
spinepoint_3_x(306)	929	1455		1262	1387	1175	
spinepoint_3_x(307)	926	1460		1270		1167	
spinepoint_3_x(308)	924	1461		1272		1164	
spinepoint_3_x(309)	920	1466		1281		1158	
spinepoint_3_x(310)	918	1468				1161	
spinepoint_3_x(311)	916	1470		1283		1166	
spinepoint_3_x(312)	909	1473		1286	1392	1166	
spinepoint_3_x(313)	907	1473		1292	1392	1166	
spinepoint_3_x(314)	904	1473	1370	1294	1391	1173	1335
spinepoint_3_x(315)	902	1464	1369	1296	1391	1170	1333
spinepoint_3_x(316)	898	1467	1367	1296	1394	1169	1330
spinepoint_3_x(317)	898	1468	1364	1302	1398	1169	1328
spinepoint_3_x(318)	896	1470	1363	1302	1402	1168	1326
spinepoint_3_x(319)	896	1471	1363	1304	1406	1169	1325
spinepoint_3_x(320)	896	1472	1357	1304	1410	1170	1319
spinepoint_3_x(321)	898	1472	1357	1307	1414	1172	1317
spinepoint_3_x(322)	900	1471		1309	1416	1171	
spinepoint_3_x(323)	899	1472	1354	1310	1420	1174	1314
spinepoint_3_x(324)	893	1472	1350	1314	1421	1171	1310
spinepoint_3_x(325)	893	1472	1351	1315	1423	1170	1308
spinepoint_3_x(326)	893	1470	1349	1315	1425	1170	1309
spinepoint_3_x(327)	894	1469	1346	1313	1427	1170	1310
spinepoint_3_x(328)	893	1468	1345	1313	1432	1170	1308
spinepoint_3_x(329)	892	1466	1343	1309	1433	1169	1309
spinepoint_3_x(330)	891	1464	1339	1307	1436	1168	1310
spinepoint_3_x(331)	888	1463	1339	1301	1437	1163	1307
spinepoint_3_x(332)	883	1462		1298	1442	1159	
spinepoint_3_x(333)	882	1459	1333	1293	1443	1153	1312
spinepoint_3_x(334)	883	1457	1332	1290	1446	1148	1311
spinepoint_3_x(335)	880	1457	1330	1289	1446	1145	1308
spinepoint_3_x(336)	880	1452	1326	1289	1449	1138	1310
spinepoint_3_x(337)	879	1452	1325	1289	1452	1134	1311
spinepoint_3_x(338)	878	1451		1292	1452	1127	
spinepoint_3_x(339)	879	1452	1320	1291	1454	1122	1310
spinepoint_3_x(340)	879	1452	1318	1294	1457	1116	1311
spinepoint_3_x(341)	878	1451	1315	1297	1458	1111	1313
spinepoint_3_x(342)	874	1446	1313	1300	1459	1108	1314
spinepoint_3_x(343)	869	1452	1313	1303	1458	1100	1317
spinepoint_3_x(344)	865	1455	1307	1305	1458	1097	1317
spinepoint_3_x(345)	862	1461	1308	1307	1458	1093	1319
spinepoint_3_x(346)	860	1464	1305	1314	1457	1090	1324
spinepoint_3_x(347)	856	1469	1303	1316	1456	1074	1324
spinepoint_3_x(348)	852	1472	1299	1322	1453	1073	1326

spinepoint_3_x(349)	851	1460	1299	1324	1450	1069	1328
spinepoint_3_x(350)	846	1463	1294	1330	1447	1064	1330
spinepoint_3_x(351)	845	1465	1296	1334	1446	1062	1334
spinepoint_3_x(352)	841	1467	1295	1338	1444	1059	1336
spinepoint_3_x(353)	839	1474	1297	1345	1442	1055	1338
spinepoint_3_x(354)	841	1475	1293	1347	1437	1052	1341
spinepoint_3_x(355)	837	1474	1292	1354	1433	1048	1342
spinepoint_3_x(356)	837	1477	1289	1357	1429	1047	1342
spinepoint_3_x(357)	833	1480	1288	1363	1428	1048	1342
spinepoint_3_x(358)	833	1479	1287	1367	1425	1049	1341
spinepoint_3_x(359)	834	1480	1285	1368	1425	1047	1342
spinepoint_3_y(0)	975	974	902	727	687	638	578
spinepoint_3_y(1)	971	972	902	718	682	639	578
spinepoint_3_y(2)	974	968	905	711	679	642	578
spinepoint_3_y(3)	973	966	905	702	676	642	579
spinepoint_3_y(4)	974	964	907	702	671	643	579
spinepoint_3_y(5)	972	970	909	697	669	642	579
spinepoint_3_y(6)	974	968	909	693	667	640	578
spinepoint_3_y(7)	976	965	907	686	664	639	578
spinepoint_3_y(8)	978	963	909	676	663	637	579
spinepoint_3_y(9)	981	962	911	669	663	641	578
spinepoint_3_y(10)	985	960	913	662	662	638	577
spinepoint_3_y(11)	987	960	916	654	665	635	577
spinepoint_3_y(12)	991	958	917	647	667	636	577
spinepoint_3_y(13)	992	956	916	641	665	634	576
spinepoint_3_y(14)	993	956	913	634	664	627	577
spinepoint_3_y(15)	992	955	911	627	665	633	577
spinepoint_3_y(16)	994	954	906	624	666	629	575
spinepoint_3_y(17)	993	954	904	617	668	631	575
spinepoint_3_y(18)	988	955	898	613	667	630	576
spinepoint_3_y(19)	988	954	899	606	667	630	575
spinepoint_3_y(20)	988	955	901	600	667	632	575
spinepoint_3_y(21)	988	956	913	591	664	631	576
spinepoint_3_y(22)	994	958	910	585	660	632	576
spinepoint_3_y(23)	1001	959	910	580	654	631	576
spinepoint_3_y(24)	1010	962	910	577	651	632	578
spinepoint_3_y(25)	1017	971	911	573	644	633	579
spinepoint_3_y(26)	1017	971	911	573	644	633	579
spinepoint_3_y(27)	1022	976	909	565	638	629	581
spinepoint_3_y(28)	1026	977	908	560	634	623	581
spinepoint_3_y(29)	1029	979	906	550	627	615	581
spinepoint_3_y(30)	1027	985	907	546	622	615	580
spinepoint_3_y(31)	1017	989	907	536	620	619	580
spinepoint_3_y(32)	1010	993	902	528	614	619	579
spinepoint_3_y(33)			901	521	615	621	581
spinepoint_3_y(34)			901	517	611	618	571
spinepoint_3_y(35)			898	509	610	615	572
spinepoint_3_y(36)			898	505	609	617	573
spinepoint_3_y(37)			894	496	608	618	574
spinepoint_3_y(38)			893	489	607	612	573

spinepoint_3_y(39)			892	484	609	607	571
spinepoint_3_y(40)	996	1007	892	481	614	605	571
spinepoint_3_y(41)	996	1011	889	476	618	607	567
spinepoint_3_y(42)	999	1015	885	468	622	607	563
spinepoint_3_y(43)	1002	1020	886	461	623	606	565
spinepoint_3_y(44)	1003	1023	886	453	627	601	563
spinepoint_3_y(45)	1005	1025	885	447	630	600	563
spinepoint_3_y(46)	1005	1027	886	442	634	597	566
spinepoint_3_y(47)	1005	1030	888	436	634	594	568
spinepoint_3_y(48)	1003	1031	878	432	636	591	581
spinepoint_3_y(49)	1001	1034	875	424	635	587	581
spinepoint_3_y(50)	1002	1034	879	424	635	586	582
spinepoint_3_y(51)	1001	1037	879	424	636	594	580
spinepoint_3_y(52)	1001	1037	876	426	635	594	580
spinepoint_3_y(53)	1004	1037	877	424	633	593	581
spinepoint_3_y(54)	1000	1037	878	423	631	590	582
spinepoint_3_y(55)	998	1037	876	424	628	588	582
spinepoint_3_y(56)	999	1037	872	426	624	584	581
spinepoint_3_y(57)	1000	1037	886	428	621	582	579
spinepoint_3_y(58)	1000	1037	881	433	617	576	577
spinepoint_3_y(59)	1002	1037	876	438	610	575	582
spinepoint_3_y(60)	1006	1037	873	437	609	570	591
spinepoint_3_y(61)	1008	1037	870	439	609	568	592
spinepoint_3_y(62)	1012	1035	868	437	610	567	594
spinepoint_3_y(63)	1014	1034	867	435	608	567	592
spinepoint_3_y(64)	1020	1036	862	435	605	570	589
spinepoint_3_y(65)	1024	1037	864	432	607	567	585
spinepoint_3_y(66)	1028	1038	862	433	607	568	582
spinepoint_3_y(67)	1032	1039	859	427	605	566	578
spinepoint_3_y(68)	1038	1039	859	425	604	560	576
spinepoint_3_y(69)	1044	1036	859	426	604	559	574
spinepoint_3_y(70)	1052	1033	856	426	604	561	570
spinepoint_3_y(71)	1052	1032	854	426	609	562	567
spinepoint_3_y(72)	1054	1026	857	429	612	551	566
spinepoint_3_y(73)	1055	1023	844	429	609	551	567
spinepoint_3_y(74)	1055	1019	842	431	612	545	564
spinepoint_3_y(75)	1050	1015	856	433	609	558	564
spinepoint_3_y(76)	1052	1013	851	435	610	560	562
spinepoint_3_y(77)	1055	1011	849	441	612	562	562
spinepoint_3_y(78)	1055	1006	844	446	613	557	563
spinepoint_3_y(79)	1059	1005	841	452	613	554	562
spinepoint_3_y(80)	1058	1006	841	455	615	554	562
spinepoint_3_y(81)	1057	1006	835	461	618	552	563
spinepoint_3_y(82)	1057	1006	835	463	621	548	563
spinepoint_3_y(83)	1058	1007	830	467	624	546	565
spinepoint_3_y(84)	1055	1008	828	475	624	545	559
spinepoint_3_y(85)	1053	1009	823	477	625	538	561
spinepoint_3_y(86)	1052	1010	823	479	626	537	567
spinepoint_3_y(87)	1049	1013	817	481	627	534	573
spinepoint_3_y(88)			815	484	629	529	580

spinepoint_3_y(89)			814	486	630	531	572
spinepoint_3_y(90)			811	488	632	529	573
spinepoint_3_y(91)			812	492	631	525	575
spinepoint_3_y(92)			809	495	631	522	579
spinepoint_3_y(93)			812	494	630	522	583
spinepoint_3_y(94)			809	497	631	526	588
spinepoint_3_y(95)			806	499	632	530	592
spinepoint_3_y(96)	1021	1031	803	499	632	527	592
spinepoint_3_y(97)	1016	1033	800		633		592
spinepoint_3_y(98)	1011	1035	797		633		595
spinepoint_3_y(99)	1008	1035	795	499	633	523	594
spinepoint_3_y(100)	1002	1035	793	499	634	520	601
spinepoint_3_y(101)	996	1036	788	499	633	514	593
spinepoint_3_y(102)	990	1037	787	492	632	511	595
spinepoint_3_y(103)	986	1038	783	488	628	507	597
spinepoint_3_y(104)	981	1039	784		624		599
spinepoint_3_y(105)	978	1039	786	477	621	484	597
spinepoint_3_y(106)	970	1040	785	474	620	484	600
spinepoint_3_y(107)	966	1041	784	469	620		597
spinepoint_3_y(108)	964	1041	784	470	618	497	601
spinepoint_3_y(109)	956	1040	785	468	619	501	601
spinepoint_3_y(110)	954	1038	785	468	622	499	600
spinepoint_3_y(111)	951	1039	783	470	622	501	598
spinepoint_3_y(112)	945	1037	783	471	620	499	600
spinepoint_3_y(113)	945	1036	782	475	619	496	600
spinepoint_3_y(114)	940	1033	783	480	620	494	602
spinepoint_3_y(115)	935	1032	783	483	624	489	602
spinepoint_3_y(116)	930	1028	782	489	623	483	599
spinepoint_3_y(117)	927	1025	783	492	622	478	599
spinepoint_3_y(118)	920	1020	783	498	619	473	599
spinepoint_3_y(119)	917	1021	782	502	620	467	601
spinepoint_3_y(120)	910	1016	782	504	619	465	601
spinepoint_3_y(121)	906	1014	783	514	617	460	604
spinepoint_3_y(122)	902	1012		519	615	458	589
spinepoint_3_y(123)	898	1008	784	526	612	458	594
spinepoint_3_y(124)	892	1004	785	530	607	451	599
spinepoint_3_y(125)	890	1003	785	536	604	448	593
spinepoint_3_y(126)	889	997	784	541	598	451	594
spinepoint_3_y(127)	891	994	783	544	592	453	589
spinepoint_3_y(128)	875	991	782	553	587	448	583
spinepoint_3_y(129)	887	987	782	557	581	448	583
spinepoint_3_y(130)	892	981	782	566	575	447	585
spinepoint_3_y(131)	896	979	783	568	573	449	581
spinepoint_3_y(132)	903	977	779	575	568	448	582
spinepoint_3_y(133)	909	975	778	579	567	437	583
spinepoint_3_y(134)	915	974	778	584	565	436	584
spinepoint_3_y(135)	921	971	777	592	564	438	585
spinepoint_3_y(136)	909	963	777	596	562	434	588
spinepoint_3_y(137)	912	965	777	600	561	433	591
spinepoint_3_y(138)	915	963	775	604	565	431	591

spinepoint_3_y(139)	919	959	777	612	565	435	596
spinepoint_3_y(140)	925	955	777	619	566	436	599
spinepoint_3_y(141)	928	949	777	624	562	434	602
spinepoint_3_y(142)	931	948	779	632	560	432	604
spinepoint_3_y(143)	938	944	778	635	561	432	607
spinepoint_3_y(144)	941	941	778	643	561	432	611
spinepoint_3_y(145)	945	937	778	650	559	433	611
spinepoint_3_y(146)	949	936	780	654	561	430	612
spinepoint_3_y(147)	951	931	783	657	561	432	612
spinepoint_3_y(148)	958	930	783	661	565	432	612
spinepoint_3_y(149)	959	925	784	663	561	433	611
spinepoint_3_y(150)	959	922	785	678	565	435	610
spinepoint_3_y(151)	961	924	785	676	563	434	611
spinepoint_3_y(152)	961	922	781	668	567	435	611
spinepoint_3_y(153)	961	923	784	659	570	437	611
spinepoint_3_y(154)	973	918	787	665	573	439	610
spinepoint_3_y(155)	970	916	786	663	575	438	606
spinepoint_3_y(156)	953	917	785	661	579	439	606
spinepoint_3_y(157)	951	913	785	658	582	441	606
spinepoint_3_y(158)	951	914	785	655	584	441	607
spinepoint_3_y(159)	949	916	786	652	587	441	605
spinepoint_3_y(160)	946	916	788	651	588	440	606
spinepoint_3_y(161)	942	915	790	652	591	437	607
spinepoint_3_y(162)	936	917	793	651	594	434	606
spinepoint_3_y(163)	933	917	794	653	595	425	603
spinepoint_3_y(164)	929	915	795	656	598	423	602
spinepoint_3_y(165)	926	914	796	659	604	419	602
spinepoint_3_y(166)	923	915	797	666	608	417	603
spinepoint_3_y(167)	919	914	796	673	611		605
spinepoint_3_y(168)	916	914	797	677	613	430	605
spinepoint_3_y(169)	912	915	797	683	617	424	604
spinepoint_3_y(170)	910	912	797	688	620	438	605
spinepoint_3_y(171)	907	909	797	692	625	435	605
spinepoint_3_y(172)	903	906	795	698	628	427	608
spinepoint_3_y(173)	895	903	796	702	633	419	609
spinepoint_3_y(174)	893	901	797	708	635	413	611
spinepoint_3_y(175)	889	898	797	714	639	405	612
spinepoint_3_y(176)	881	898	794	718	642	399	614
spinepoint_3_y(177)	876	897	794	723	645	392	618
spinepoint_3_y(178)	875	896	793	729	650	389	620
spinepoint_3_y(179)	871	898	793	734	652	382	621
spinepoint_3_y(180)	869	896	794	737	656	373	618
spinepoint_3_y(181)	873	897	794	745	658	371	618
spinepoint_3_y(182)	868	897	793	748	666	367	618
spinepoint_3_y(183)	871	898	792	754	666	363	619
spinepoint_3_y(184)	876	899	791	761	668	360	618
spinepoint_3_y(185)	876	900	790	765	673	354	620
spinepoint_3_y(186)			791	770	675	347	619
spinepoint_3_y(187)			788	775	677	344	618
spinepoint_3_y(188)			788	781	681	338	618

spinepoint_3_y(189)	882	902	787	786	679	337	617
spinepoint_3_y(190)	884	903	787	795	678	339	616
spinepoint_3_y(191)	884	905	787	800	679	326	614
spinepoint_3_y(192)	883	904	784	806	674	328	615
spinepoint_3_y(193)	881	905	786	814	673	324	614
spinepoint_3_y(194)	879	906	787	821	674	325	612
spinepoint_3_y(195)	873	908	787	824	675	323	612
spinepoint_3_y(196)	873	909	789	826	675	322	610
spinepoint_3_y(197)	868	909	787	832	676	338	609
spinepoint_3_y(198)	862	910	785	834	677	333	608
spinepoint_3_y(199)	856	911	786	842	678	340	610
spinepoint_3_y(200)	854	915	786	850	679	337	615
spinepoint_3_y(201)	847	916	783	857	679	338	611
spinepoint_3_y(202)	842	918	781	863	679	334	603
spinepoint_3_y(203)	838	918	781	872	677	331	601
spinepoint_3_y(204)	832	919	783	879	677	328	599
spinepoint_3_y(205)	830	921	784	886	675	329	600
spinepoint_3_y(206)	826	922	783	888	671	331	601
spinepoint_3_y(207)	820	922	778	896	671	331	599
spinepoint_3_y(208)	818	918	779	903	671	326	609
spinepoint_3_y(209)	822	919	773	911	669		611
spinepoint_3_y(210)	823	919	773	916	665	337	610
spinepoint_3_y(211)	825	920	769	923	663	333	612
spinepoint_3_y(212)	830	921	767	925	659	334	610
spinepoint_3_y(213)	836	920	764	934	660	333	611
spinepoint_3_y(214)	837	921	760	936	657	329	611
spinepoint_3_y(215)	836	922	758	942	652	332	612
spinepoint_3_y(216)	834	924	755	943	649	331	612
spinepoint_3_y(217)	828	926	752	958	648	332	612
spinepoint_3_y(218)	830	923	750	939	644	333	612
spinepoint_3_y(219)	829	916	748	931	642	332	614
spinepoint_3_y(220)	829	916	746	924	632	333	613
spinepoint_3_y(221)	829	923	745	919	634	335	613
spinepoint_3_y(222)	829	922	742	920	632	338	613
spinepoint_3_y(223)	827	921	739	920	633	338	613
spinepoint_3_y(224)	827	920	739	923	628	337	611
spinepoint_3_y(225)	823	916	737	926	624	335	611
spinepoint_3_y(226)	821	912	737	929	622	339	611
spinepoint_3_y(227)	819	910	735	934	622	339	617
spinepoint_3_y(228)	816	907	733	940	625	343	622
spinepoint_3_y(229)	813	904	733	931	625	342	624
spinepoint_3_y(230)	809	902	732	935	628	345	613
spinepoint_3_y(231)	808	897	731	941	635	347	615
spinepoint_3_y(232)	803	894	731	945	639	345	617
spinepoint_3_y(233)	801	889	731	949	645	349	621
spinepoint_3_y(234)	798	888	731	952	649	347	624
spinepoint_3_y(235)	796	883	731	961	654	348	626
spinepoint_3_y(236)	791	882	734	966	660	347	629
spinepoint_3_y(237)	790	875	735	972	667	343	632
spinepoint_3_y(238)	788	874	732	974	672	346	634

spinepoint_3_y(239)	780	870	732	980	674	344	634
spinepoint_3_y(240)	779	866	732	982	677	344	635
spinepoint_3_y(241)	773	866	729	985	675	345	633
spinepoint_3_y(242)	771	863	732	983	678	344	635
spinepoint_3_y(243)	766	860	733	985	679	342	633
spinepoint_3_y(244)	764	855	731	994	677	339	633
spinepoint_3_y(245)	761	854	731	998	677	336	632
spinepoint_3_y(246)	757	850	731	1001	673	334	631
spinepoint_3_y(247)	756	847	731	1006	674	334	629
spinepoint_3_y(248)	754	841	730	1008	674	333	628
spinepoint_3_y(249)	751	840	730	1011	674	333	628
spinepoint_3_y(250)	750	834	732	1013	673	332	627
spinepoint_3_y(251)	748	834	731	1016	674	331	629
spinepoint_3_y(252)	747	827	731	1020	676	331	630
spinepoint_3_y(253)	745	824	731	1021	674	330	630
spinepoint_3_y(254)	745	822	731	1023	674	329	632
spinepoint_3_y(255)	745	817	733	1025	676	328	634
spinepoint_3_y(256)	741	814	733	1026	676	330	640
spinepoint_3_y(257)	742	809	734	1026	678	331	645
spinepoint_3_y(258)	741	806	732	1028	681	331	648
spinepoint_3_y(259)	740	804	731	1029	686	336	649
spinepoint_3_y(260)	739	800	731	1030	688	338	655
spinepoint_3_y(261)	735	797	731	1029	695	343	657
spinepoint_3_y(262)	735	792	730	1042	694	347	665
spinepoint_3_y(263)	733	789	730	1050	696	349	665
spinepoint_3_y(264)	733	785	730	1056	698	355	668
spinepoint_3_y(265)	734	780	729	1057	694	359	672
spinepoint_3_y(266)	730	775	727	1053	694	361	673
spinepoint_3_y(267)	731	774	729	1045	694	367	677
spinepoint_3_y(268)	729	775	727	1042	691	368	679
spinepoint_3_y(269)	729	769	727	1034	689	371	682
spinepoint_3_y(270)	727	769	727	1030	686	377	685
spinepoint_3_y(271)	727	768	727	1033	682	376	684
spinepoint_3_y(272)	726	763	726	1030	681	380	691
spinepoint_3_y(273)	727	760	724	1027	679	386	692
spinepoint_3_y(274)	726	763	726	1024	680	391	696
spinepoint_3_y(275)	725	760	723	1024	679	393	698
spinepoint_3_y(276)	723	755	724	1021	685	394	698
spinepoint_3_y(277)	722	753	725	1023	682	393	700
spinepoint_3_y(278)	717	751	723	1023	684	392	696
spinepoint_3_y(279)	716	747	723	1025	684	394	697
spinepoint_3_y(280)	715	748	723	1028	686	389	698
spinepoint_3_y(281)	712	749	721	1030	690	388	697
spinepoint_3_y(282)	711	748	720	1031	691	384	699
spinepoint_3_y(283)	710	747	721	1036	696	397	701
spinepoint_3_y(284)	709		721	1038		395	701
spinepoint_3_y(285)	709		720	1040		398	701
spinepoint_3_y(286)	705		718	1041		398	701
spinepoint_3_y(287)	706		718	1042		394	702
spinepoint_3_y(288)	705	744	716	1056	701	384	701

spinepoint_3_y(289)	705	740	716	1059	704	378	699
spinepoint_3_y(290)	702	740	712	1043	705	371	700
spinepoint_3_y(291)	704	738	712	1046	704	381	699
spinepoint_3_y(292)	703	738	710	1049	702	379	701
spinepoint_3_y(293)	704	737	710	1052	704	374	702
spinepoint_3_y(294)	704	737	709	1057	703	368	702
spinepoint_3_y(295)	706	735	707	1057	700	364	703
spinepoint_3_y(296)	707	734	710	1056	699	359	703
spinepoint_3_y(297)	711	738	707	1056	692	354	703
spinepoint_3_y(298)	711	740	709	1052	689	352	703
spinepoint_3_y(299)	715	740	708	1049	688	347	703
spinepoint_3_y(300)	716	729	707	1044	680	344	704
spinepoint_3_y(301)	718	729		1039	678	340	
spinepoint_3_y(302)	721	728		1034	676	334	
spinepoint_3_y(303)	723	728		1027	683	333	
spinepoint_3_y(304)	730	730		1025	683	334	
spinepoint_3_y(305)	731	731		1022	685	336	
spinepoint_3_y(306)	737	732		1022	689	334	
spinepoint_3_y(307)	737	734		1018		326	
spinepoint_3_y(308)	744	733		1017		326	
spinepoint_3_y(309)	745	734		1015		324	
spinepoint_3_y(310)	748	736				328	
spinepoint_3_y(311)	751	739		1002		338	
spinepoint_3_y(312)	756	744		1007	706	342	
spinepoint_3_y(313)	759	747		1010	703	350	
spinepoint_3_y(314)	761	748	708	1012	705	342	708
spinepoint_3_y(315)	765	737	707	1011	705	347	708
spinepoint_3_y(316)	771	739	708	1010	708	351	707
spinepoint_3_y(317)	775	743	707	1011	707	354	707
spinepoint_3_y(318)	782	745	707	1011	705	360	708
spinepoint_3_y(319)	787	749	707	1011	703	364	707
spinepoint_3_y(320)	793	751	707	1010	700	369	708
spinepoint_3_y(321)	800	754	707	1011	696	370	707
spinepoint_3_y(322)	804	759		1011	695	371	
spinepoint_3_y(323)	805	761	708	1011	691	374	711
spinepoint_3_y(324)	806	765	707	1018	688	376	714
spinepoint_3_y(325)	807	768	707	1023	684	379	714
spinepoint_3_y(326)	806	770	708	1029	681	375	714
spinepoint_3_y(327)	805	773	707	1032	678	377	714
spinepoint_3_y(328)	805	775	708	1032	671	379	713
spinepoint_3_y(329)	804	779	707	1035	670	385	713
spinepoint_3_y(330)	806	780	708	1035	662	386	711
spinepoint_3_y(331)	809	784	707	1035	662	390	713
spinepoint_3_y(332)	814	785		1035	653	393	
spinepoint_3_y(333)	816	788	706	1032	651	396	717
spinepoint_3_y(334)	814	790	706	1028	645	397	717
spinepoint_3_y(335)	811	793	707	1022	645	400	717
spinepoint_3_y(336)	811	795	707	1016	638	403	717
spinepoint_3_y(337)	809	796	705	1013	633	402	717
spinepoint_3_y(338)	810	798		1004	628	404	

spinepoint_3_y(339)	809	796	705	1000	623	406	719
spinepoint_3_y(340)	807	797	704	998	619	407	722
spinepoint_3_y(341)	802	798	702	995	613	407	725
spinepoint_3_y(342)	799	810	703	993	611	409	729
spinepoint_3_y(343)	792	808	703	989	611	408	731
spinepoint_3_y(344)	791	808	702	987	609	409	734
spinepoint_3_y(345)	787	807	700	984	608	414	736
spinepoint_3_y(346)	784	804	699	979	600	412	740
spinepoint_3_y(347)	784	800	698	980	598	412	740
spinepoint_3_y(348)	780	795	697	976	592	405	741
spinepoint_3_y(349)	780	796	695	975	586	400	744
spinepoint_3_y(350)	776	795	692	971	584	393	745
spinepoint_3_y(351)	775	793	694	969	577	387	747
spinepoint_3_y(352)	773	792	692	968	576	383	749
spinepoint_3_y(353)	771	787	693	967	573	378	751
spinepoint_3_y(354)	772	784	691	965	569	375	753
spinepoint_3_y(355)	768	783	690	964	565	368	754
spinepoint_3_y(356)	768	778	686	961	563	366	753
spinepoint_3_y(357)	764	771	683	959	561	363	754
spinepoint_3_y(358)	758	770	681	958	559	363	753
spinepoint_3_y(359)	756	764	676	956	559	367	753
tail_x(0)	1291	1233	1450	1023	1457	1121	1373
tail_x(1)	1296	1237	1454	1020	1463	1123	1371
tail_x(2)	1296	1240	1454	1015	1466	1118	1371
tail_x(3)	1295	1245	1455	1017	1470	1117	1371
tail_x(4)	1294	1251	1458	1014	1470	1117	1373
tail_x(5)	1293	1224	1458	1010	1472	1105	1373
tail_x(6)	1295	1226	1468	1010	1474	1103	1373
tail_x(7)	1298	1230	1468	1011	1476	1107	1373
tail_x(8)	1301	1234	1472	1011	1478	1121	1373
tail_x(9)	1306	1239	1472	1011	1482	1124	1374
tail_x(10)	1315	1243	1472	1010	1488	1123	1375
tail_x(11)	1316	1244	1475	1011	1490	1119	1374
tail_x(12)	1318	1249	1476	1011	1492	1104	1374
tail_x(13)	1320	1252	1476	1011	1498	1102	1374
tail_x(14)	1320	1258	1479	1011	1502	1104	1374
tail_x(15)	1320	1264	1495	1010	1512	1100	1373
tail_x(16)	1318	1268	1491	1012	1512	1109	1373
tail_x(17)	1320	1272	1484	1014	1512	1121	1373
tail_x(18)	1322	1274	1478	1014	1512	1119	1373
tail_x(19)	1322	1280	1470	1018	1512	1121	1371
tail_x(20)	1322	1280	1466	1023	1514	1119	1371
tail_x(21)	1318	1282	1480	1026	1518	1117	1369
tail_x(22)	1318	1290	1482	1033	1520	1102	1367
tail_x(23)	1320	1290	1482	1037	1524	1098	1367
tail_x(24)	1323	1296	1485	1036	1527	1098	1366
tail_x(25)	1327	1327	1483	1040	1530	1100	1367
tail_x(26)	1327	1327	1483	1040	1530	1100	1367
tail_x(27)	1335	1329	1479	1043	1530	1104	1365
tail_x(28)	1340	1331	1479	1044	1530	1107	1363

tail_x(29)	1343	1331	1475	1051	1530	1099	1361
tail_x(30)	1343	1331	1469	1049	1532	1096	1359
tail_x(31)	1343	1329	1471	1050	1529	1094	1359
tail_x(32)	1342	1327	1463	1053	1527	1094	1357
tail_x(33)			1465	1052	1525	1102	1356
tail_x(34)			1463	1054	1523	1106	1328
tail_x(35)			1461	1056	1521	1125	1334
tail_x(36)			1461	1058	1521	1124	1332
tail_x(37)			1461	1063	1517	1121	1330
tail_x(38)			1453	1066	1515	1115	1336
tail_x(39)			1453	1067	1513	1096	1345
tail_x(40)	1341	1316	1453	1068	1508	1094	1345
tail_x(41)	1343	1315	1444	1072	1507	1094	1342
tail_x(42)	1344	1313	1443	1079	1499	1094	1342
tail_x(43)	1343	1311	1443	1084	1493	1102	1341
tail_x(44)	1343	1306	1445	1089	1491	1098	1340
tail_x(45)	1347	1305	1443	1092	1488	1095	1346
tail_x(46)	1350	1305	1445	1094	1480	1094	1356
tail_x(47)	1354	1299	1442	1096	1485	1094	1365
tail_x(48)	1358	1298	1428	1102	1490	1094	1354
tail_x(49)	1368	1293	1426	1104	1494	1096	1353
tail_x(50)	1370	1289	1422	1106	1499	1093	1351
tail_x(51)	1372	1285	1420	1107	1499	1113	1350
tail_x(52)	1372	1281	1422	1110	1499	1113	1353
tail_x(53)	1374	1278	1420	1110	1495	1111	1352
tail_x(54)	1374	1275	1428	1108	1491	1109	1354
tail_x(55)	1371	1273	1444	1108	1489	1107	1356
tail_x(56)	1369	1269	1445	1108	1485	1102	1358
tail_x(57)	1369	1269	1455	1109	1481	1103	1358
tail_x(58)	1366	1267	1450	1110	1479	1099	1358
tail_x(59)	1363	1267	1449	1112	1476	1097	1358
tail_x(60)	1363	1267	1446	1112	1481	1097	1368
tail_x(61)	1359	1267	1444	1112	1479	1094	1362
tail_x(62)	1351	1267	1447	1111	1477	1094	1354
tail_x(63)	1349	1266	1445	1110	1475	1093	1349
tail_x(64)	1340	1267	1442	1109	1475	1094	1344
tail_x(65)	1347	1267	1440	1109	1472	1097	1340
tail_x(66)	1347	1266	1441	1107	1468	1097	1336
tail_x(67)	1344	1266	1440	1103	1470	1093	1330
tail_x(68)	1337	1265	1438	1105	1471	1093	1327
tail_x(69)	1328	1263	1438	1106	1470	1090	1324
tail_x(70)	1326	1261	1438	1110	1471	1089	1320
tail_x(71)	1326	1259	1442	1112	1471	1074	1316
tail_x(72)	1326	1256	1444	1120	1474	1068	1318
tail_x(73)	1324	1257	1436	1122	1474	1064	1320
tail_x(74)	1322	1253	1434	1128	1472	1066	1338
tail_x(75)	1332	1256	1442	1132	1474	1077	1341
tail_x(76)	1333	1256	1442	1134	1476	1078	1350
tail_x(77)	1330	1257	1440	1140	1482	1082	1357
tail_x(78)	1343	1259	1442	1142	1486	1088	1363

tail_x(79)	1342	1258	1440	1146	1490	1095	1367
tail_x(80)	1340	1260	1440	1145	1494	1093	1373
tail_x(81)	1338	1264	1439	1144	1498	1093	1379
tail_x(82)	1340	1266	1437	1145	1501	1085	1375
tail_x(83)	1338	1272	1438	1141	1506	1085	1369
tail_x(84)	1334	1274	1438	1138	1510	1083	1349
tail_x(85)	1333	1278	1436	1137	1516	1073	1342
tail_x(86)	1333	1282	1436	1135	1516	1073	1340
tail_x(87)	1327	1283	1432	1135	1516	1067	1340
tail_x(88)			1432	1127	1524	1066	1345
tail_x(89)			1432	1127	1525	1067	1362
tail_x(90)			1430	1125	1522	1063	1360
tail_x(91)			1426	1117	1523	1055	1359
tail_x(92)			1428	1113	1524	1055	1359
tail_x(93)			1430	1105	1526	1053	1358
tail_x(94)			1433	1103	1526	1052	1359
tail_x(95)			1430	1097	1524	1055	1359
tail_x(96)	1299	1314	1428	1092	1522	1055	1358
tail_x(97)	1287	1314	1429		1516		1359
tail_x(98)	1293	1316	1428		1515		1358
tail_x(99)	1291	1318	1430	1087	1511	1049	1359
tail_x(100)	1286	1326	1431	1085	1507	1049	1361
tail_x(101)	1287	1326	1432	1081	1503	1046	1348
tail_x(102)	1290	1330	1434	1073	1501	1045	1346
tail_x(103)	1289	1334	1431	1071	1489	1049	1344
tail_x(104)	1287	1335	1430		1493		1344
tail_x(105)	1285	1336	1430	1065	1487	1050	1345
tail_x(106)	1286	1335	1432	1065	1483	1050	1344
tail_x(107)	1289	1334	1434	1064	1483		1344
tail_x(108)	1291	1334	1435	1064	1483	1028	1347
tail_x(109)	1287	1335	1435	1070	1481	1035	1348
tail_x(110)	1289	1338	1437	1072	1477	1041	1347
tail_x(111)	1289	1338	1436	1080	1475	1055	1347
tail_x(112)	1292	1336	1438	1084	1479	1044	1345
tail_x(113)	1291	1336	1441	1090	1479	1046	1347
tail_x(114)	1293	1336	1441	1097	1473	1048	1350
tail_x(115)	1298	1334	1438	1100	1469	1050	1348
tail_x(116)	1294	1335	1438	1105	1467	1057	1346
tail_x(117)	1294	1335	1438	1108	1467	1056	1343
tail_x(118)	1296	1335	1440	1114	1466	1061	1341
tail_x(119)	1298	1335	1440	1118	1466	1059	1338
tail_x(120)	1299	1332	1444	1118	1467	1065	1336
tail_x(121)	1301	1332	1445	1118	1467	1064	1332
tail_x(122)	1303	1331		1120	1467	1069	1353
tail_x(123)	1302	1326	1477	1122	1465	1069	1346
tail_x(124)	1307	1323	1446	1120	1461	1052	1350
tail_x(125)	1310	1320	1446	1121	1458	1048	1347
tail_x(126)	1311	1315	1448	1122	1455	1072	1344
tail_x(127)	1310	1312	1448	1123	1456	1073	1321
tail_x(128)	1319	1309	1450	1121	1458	1071	1322

tail_x(129)	1326	1307	1448	1121	1457	1070	1326
tail_x(130)	1329	1304	1449	1118	1458	1066	1325
tail_x(131)	1327	1301	1449	1118	1459	1067	1326
tail_x(132)	1325	1299	1448	1119	1456	1070	1330
tail_x(133)	1323	1296	1448	1121	1456	1079	1330
tail_x(134)	1322	1293	1450	1118	1453	1087	1332
tail_x(135)	1321	1295	1450	1121	1452	1091	1333
tail_x(136)	1313	1288	1450	1118	1450	1095	1333
tail_x(137)	1316	1289	1452	1117	1454	1101	1330
tail_x(138)	1315	1286	1455	1120	1456	1107	1332
tail_x(139)	1312	1279	1457	1122	1459	1092	1332
tail_x(140)	1313	1279	1461	1122	1466	1092	1334
tail_x(141)	1314	1278	1462	1125	1465	1097	1334
tail_x(142)	1314	1278	1464	1129	1463	1098	1336
tail_x(143)	1312	1277	1467	1127	1463	1106	1342
tail_x(144)	1312	1274	1470	1128	1463	1109	1345
tail_x(145)	1314	1274	1474	1130	1465	1116	1344
tail_x(146)	1314	1274	1476	1131	1467	1116	1344
tail_x(147)	1316	1272	1480	1131	1467	1120	1344
tail_x(148)	1314	1272	1478	1132	1464	1126	1344
tail_x(149)	1312	1268	1480	1133	1461	1129	1344
tail_x(150)	1316	1270	1479	1120	1460	1136	1345
tail_x(151)	1315	1270	1481	1112	1461	1140	1342
tail_x(152)	1314	1271	1478	1108	1462	1146	1346
tail_x(153)	1313	1272	1480	1110	1466	1150	1346
tail_x(154)	1318	1270	1478	1137	1468	1158	1345
tail_x(155)	1318	1270	1476	1137	1471	1160	1340
tail_x(156)	1316	1270	1477	1132	1474	1166	1340
tail_x(157)	1315	1269	1477	1133	1476	1172	1341
tail_x(158)	1319	1269	1478	1126	1480	1178	1341
tail_x(159)	1319	1268	1485	1124	1483	1186	1344
tail_x(160)	1319	1268	1487	1126	1484	1203	1344
tail_x(161)	1319	1267	1487	1126	1490	1202	1348
tail_x(162)	1312	1268	1487	1130	1493	1202	1348
tail_x(163)	1321	1271	1485	1132	1492	1214	1347
tail_x(164)	1319	1272	1483	1138	1493	1237	1343
tail_x(165)	1316	1270	1481	1142	1496	1254	1340
tail_x(166)	1319	1269	1481	1146	1494	1275	1334
tail_x(167)	1321	1268	1477	1149	1501		1334
tail_x(168)	1320	1265	1475	1150	1500	1289	1334
tail_x(169)	1321	1267	1471	1150	1503	1278	1337
tail_x(170)	1323	1269	1469	1146	1500	1274	1339
tail_x(171)	1323	1270	1467	1147	1504	1276	1343
tail_x(172)	1322	1268	1463	1147	1504	1274	1345
tail_x(173)	1324	1269	1461	1145	1511	1276	1345
tail_x(174)	1324	1271	1461	1140	1509	1274	1345
tail_x(175)	1324	1272	1461	1141	1512	1277	1345
tail_x(176)	1325	1273	1461	1137	1510	1277	1345
tail_x(177)	1324	1276	1461	1136	1511	1273	1345
tail_x(178)	1323	1278	1457	1133	1515	1276	1345

tail_x(179)	1322	1282	1457	1129	1514	1274	1345
tail_x(180)	1328	1285	1457	1129	1519	1274	1345
tail_x(181)	1329	1290	1453	1125	1516	1277	1341
tail_x(182)	1329	1290	1453	1125	1522	1275	1339
tail_x(183)	1325	1296	1453	1125	1523	1269	1336
tail_x(184)	1324	1298	1451	1125	1522	1273	1337
tail_x(185)	1322	1298	1451	1123	1525	1271	1337
tail_x(186)			1447	1121	1524	1269	1339
tail_x(187)			1445	1121	1525	1266	1339
tail_x(188)			1441	1119	1530	1266	1336
tail_x(189)	1317	1317	1439	1118	1530	1265	1337
tail_x(190)	1319	1322	1433	1116	1532	1267	1332
tail_x(191)	1318	1326	1433	1117	1531	1232	1328
tail_x(192)	1316	1327	1427	1114	1526	1232	1326
tail_x(193)	1313	1331	1423	1117	1527	1236	1322
tail_x(194)	1311	1332	1421	1115	1530	1241	1320
tail_x(195)	1307	1338	1419	1114	1530	1256	1318
tail_x(196)	1305	1340	1421	1111	1529	1251	1318
tail_x(197)	1304	1342	1420	1109	1523	1242	1314
tail_x(198)	1302	1346	1423	1105	1520	1234	1314
tail_x(199)	1298	1346	1423	1101	1517	1256	1315
tail_x(200)	1301	1352	1422	1095	1513	1259	1310
tail_x(201)	1298	1354	1423	1094	1509	1264	1309
tail_x(202)	1295	1360	1423	1092	1505	1271	1304
tail_x(203)	1295	1362	1423	1092	1501	1271	1305
tail_x(204)	1287	1368	1423	1089	1499	1261	1294
tail_x(205)	1293	1368	1423	1091	1491	1261	1306
tail_x(206)	1291	1370	1420	1089	1491	1261	1323
tail_x(207)	1286	1368	1414	1086	1487	1255	1333
tail_x(208)	1288	1371	1413	1087	1481	1254	1320
tail_x(209)	1288	1372	1412	1087	1478		1319
tail_x(210)	1289	1374	1409	1085	1477	1253	1317
tail_x(211)	1294	1370	1409	1085	1474	1255	1316
tail_x(212)	1286	1370	1406	1086	1470	1253	1320
tail_x(213)	1276	1370	1408	1084	1469	1253	1323
tail_x(214)	1268	1370	1409	1084	1465	1246	1327
tail_x(215)	1260	1370	1410	1081	1460	1254	1330
tail_x(216)	1254	1390	1408	1083	1463	1257	1332
tail_x(217)	1271	1388	1410	1064	1458	1255	1335
tail_x(218)	1272	1395	1410	1062	1458	1256	1336
tail_x(219)	1267	1383	1411	1069	1459	1260	1338
tail_x(220)	1265	1383	1414	1078	1457	1263	1340
tail_x(221)	1263	1372	1412	1089	1457	1269	1340
tail_x(222)	1259	1372	1414	1095	1459	1274	1340
tail_x(223)	1255	1372	1414	1105	1458	1272	1340
tail_x(224)	1253	1372	1416	1106	1459	1272	1338
tail_x(225)	1245	1375	1418	1108	1460	1272	1340
tail_x(226)	1243	1377	1418	1113	1460	1280	1340
tail_x(227)	1237	1378	1418	1114	1462	1286	1355
tail_x(228)	1233	1378	1422	1111	1468	1294	1353

tail_x(229)	1229	1378	1424	1090	1470	1296	1349
tail_x(230)	1224	1377	1424	1094	1475	1304	1340
tail_x(231)	1223	1378	1423	1098	1478	1308	1340
tail_x(232)	1215	1377	1422	1099	1481	1314	1339
tail_x(233)	1213	1376	1422	1105	1485	1308	1347
tail_x(234)	1206	1376	1422	1103	1484	1311	1343
tail_x(235)	1207	1375	1422	1110	1488	1333	1343
tail_x(236)	1203	1375	1424	1110	1488	1336	1341
tail_x(237)	1197	1373	1428	1112	1490	1343	1341
tail_x(238)	1197	1374	1428	1109	1486	1341	1337
tail_x(239)	1193	1374	1428	1115	1487	1334	1332
tail_x(240)	1191	1373	1428	1113	1485	1308	1331
tail_x(241)	1188	1373	1430	1117	1484	1300	1325
tail_x(242)	1185	1371	1431	1119	1479	1294	1321
tail_x(243)	1180	1374	1432	1116	1477	1286	1317
tail_x(244)	1175	1372	1428	1120	1469	1282	1315
tail_x(245)	1175	1371	1428	1120	1465	1304	1311
tail_x(246)	1171	1372	1428	1128	1459	1300	1309
tail_x(247)	1169	1371	1428	1134	1459	1295	1305
tail_x(248)	1169	1372	1428	1140	1459	1289	1303
tail_x(249)	1164	1373	1428	1144	1459	1287	1303
tail_x(250)	1161	1373	1431	1153	1456	1279	1303
tail_x(251)	1159	1373	1431	1158	1451	1275	1303
tail_x(252)	1149	1373	1432	1164	1449	1267	1303
tail_x(253)	1147	1375	1430	1172	1451	1265	1301
tail_x(254)	1145	1375	1430	1173	1452	1259	1296
tail_x(255)	1139	1374	1430	1176	1451	1257	1293
tail_x(256)	1137	1376	1432	1186	1443	1253	1291
tail_x(257)	1136	1378	1432	1188	1439	1245	1289
tail_x(258)	1127	1380	1438	1194	1435	1241	1287
tail_x(259)	1127	1380	1441	1205	1431	1233	1287
tail_x(260)	1123	1384	1441	1204	1428	1230	1287
tail_x(261)	1115	1384	1441	1204	1421	1224	1287
tail_x(262)	1113	1389	1440	1218	1421	1217	1284
tail_x(263)	1105	1390	1437	1213	1421	1216	1285
tail_x(264)	1103	1397	1435	1208	1422	1209	1288
tail_x(265)	1101	1397	1435	1208	1419	1205	1286
tail_x(266)	1095	1403	1434	1210	1419	1201	1289
tail_x(267)	1093	1405	1433	1227	1418	1193	1290
tail_x(268)	1087	1404	1428	1233	1415	1190	1288
tail_x(269)	1085	1404	1429	1239	1409	1188	1293
tail_x(270)	1079	1406	1427	1247	1403	1178	1291
tail_x(271)	1077	1407	1423	1215	1395	1179	1292
tail_x(272)	1073	1411	1423	1218	1396	1178	1291
tail_x(273)	1071	1414	1423	1224	1391	1173	1292
tail_x(274)	1068	1414	1415	1230	1391	1175	1297
tail_x(275)	1061	1415	1417	1238	1391	1172	1294
tail_x(276)	1061	1413	1416	1242	1392	1170	1294
tail_x(277)	1055	1412	1415	1252	1393	1168	1296
tail_x(278)	1049	1415	1413	1252	1395	1165	1298

tail_x(279)	1045	1416	1413	1262	1396	1169	1296
tail_x(280)	1041	1418	1411	1263	1398	1171	1294
tail_x(281)	1037	1418	1405	1270	1406	1173	1294
tail_x(282)	1035	1419	1404	1272	1408	1171	1296
tail_x(283)	1027	1422	1402	1280	1415	1179	1294
tail_x(284)	1025		1399	1278		1183	1294
tail_x(285)	1019		1397	1288		1187	1294
tail_x(286)	1013		1395	1288		1184	1294
tail_x(287)	1009		1393	1291		1183	1294
tail_x(288)	1005	1427	1389	1292	1424	1179	1296
tail_x(289)	1005	1432	1391	1286	1424	1176	1302
tail_x(290)	997	1434	1385	1289	1420	1176	1302
tail_x(291)	997	1434	1384	1288	1420	1160	1304
tail_x(292)	993	1434	1381	1291	1421	1162	1310
tail_x(293)	985	1435	1381	1288	1419	1164	1310
tail_x(294)	981	1434	1379	1284	1415	1170	1314
tail_x(295)	977	1434	1379	1283	1411	1171	1318
tail_x(296)	973	1432	1379	1277	1409	1172	1318
tail_x(297)	968	1436	1382	1272	1400	1173	1318
tail_x(298)	965	1439	1382	1267	1403	1173	1318
tail_x(299)	959	1438	1385	1261	1399	1173	1326
tail_x(300)	955	1447	1382	1259	1391	1173	1327
tail_x(301)	955	1449		1257	1388	1175	
tail_x(302)	949	1451		1254	1390	1171	
tail_x(303)	947	1455		1253	1387	1172	
tail_x(304)	941	1459		1252	1384	1173	
tail_x(305)	935	1461		1255	1382	1173	
tail_x(306)	933	1465		1254	1382	1175	
tail_x(307)	929	1469		1265		1162	
tail_x(308)	926	1469		1262		1154	
tail_x(309)	926	1471		1272		1150	
tail_x(310)	925	1475				1153	
tail_x(311)	923	1475		1274		1164	
tail_x(312)	915	1475		1281	1393	1165	
tail_x(313)	911	1474		1283	1391	1165	
tail_x(314)	908	1473	1377	1284	1390	1179	1331
tail_x(315)	905	1458	1377	1286	1390	1174	1331
tail_x(316)	901	1462	1375	1288	1389	1175	1329
tail_x(317)	899	1464	1370	1292	1390	1172	1327
tail_x(318)	899	1465	1371	1292	1395	1171	1327
tail_x(319)	897	1469	1371	1292	1398	1169	1327
tail_x(320)	895	1468	1365	1294	1402	1173	1327
tail_x(321)	895	1470	1365	1298	1406	1172	1325
tail_x(322)	899	1472		1300	1408	1171	
tail_x(323)	898	1472	1361	1304	1412	1170	1320
tail_x(324)	890	1472	1359	1307	1417	1170	1319
tail_x(325)	891	1472	1359	1311	1417	1169	1317
tail_x(326)	891	1471	1357	1315	1418	1166	1317
tail_x(327)	891	1470	1353	1317	1421	1166	1317
tail_x(328)	891	1468	1353	1315	1426	1166	1317

tail_x(329)	891	1467	1351	1315	1424	1170	1315
tail_x(330)	890	1466	1347	1315	1432	1169	1317
tail_x(331)	884	1467	1347	1309	1430	1167	1317
tail_x(332)	876	1466		1307	1436	1161	
tail_x(333)	876	1464	1339	1301	1436	1161	1317
tail_x(334)	876	1461	1339	1295	1440	1151	1317
tail_x(335)	875	1459	1339	1293	1438	1151	1317
tail_x(336)	874	1457	1333	1289	1444	1145	1317
tail_x(337)	874	1457	1333	1288	1447	1143	1317
tail_x(338)	872	1457		1290	1450	1135	
tail_x(339)	872	1457	1327	1289	1452	1129	1313
tail_x(340)	872	1456	1327	1288	1454	1127	1315
tail_x(341)	874	1454	1320	1290	1452	1117	1315
tail_x(342)	873	1450	1321	1294	1457	1114	1315
tail_x(343)	869	1457	1321	1294	1454	1107	1315
tail_x(344)	867	1463	1312	1300	1452	1105	1317
tail_x(345)	862	1467	1315	1300	1454	1099	1316
tail_x(346)	861	1473	1310	1307	1454	1099	1320
tail_x(347)	859	1477	1311	1308	1451	1071	1322
tail_x(348)	855	1479	1307	1314	1451	1066	1322
tail_x(349)	855	1454	1305	1316	1449	1065	1324
tail_x(350)	849	1456	1300	1320	1446	1062	1325
tail_x(351)	848	1458	1299	1326	1445	1057	1330
tail_x(352)	847	1461	1302	1328	1445	1057	1332
tail_x(353)	845	1464	1303	1338	1443	1053	1332
tail_x(354)	847	1466	1297	1338	1439	1048	1336
tail_x(355)	843	1468	1295	1345	1436	1042	1338
tail_x(356)	840	1472	1291	1349	1431	1042	1336
tail_x(357)	837	1474	1289	1352	1430	1046	1337
tail_x(358)	835	1475	1290	1360	1427	1052	1336
tail_x(359)	834	1478	1286	1360	1427	1042	1338
tail_y(0)	970	969	896	735	695	642	577
tail_y(1)	967	966	896	727	689	645	575
tail_y(2)	968	964	904	719	687	649	575
tail_y(3)	968	963	904	711	684	649	576
tail_y(4)	967	961	906	709	681	649	576
tail_y(5)	966	974	908	705	677	645	576
tail_y(6)	967	969	900	701	673	643	577
tail_y(7)	968	968	900	697	666	645	577
tail_y(8)	970	969	902	687	665	642	577
tail_y(9)	974	965	905	677	663	643	574
tail_y(10)	978	962	906	673	660	644	573
tail_y(11)	980	960	914	665	665	639	572
tail_y(12)	984	960	912	655	669	643	572
tail_y(13)	988	957	912	653	667	640	572
tail_y(14)	988	957	908	645	662	623	572
tail_y(15)	986	956	904	635	662	634	571
tail_y(16)	992	954	900	635	664	633	570
tail_y(17)	993	953	896	625	666	637	570
tail_y(18)	993	953	892	623	666	639	570

tail_y(19)	990	952	899	613	666	639	570
tail_y(20)	991	952	899	607	667	642	570
tail_y(21)	988	955	921	599	667	641	570
tail_y(22)	1003	955	921	596	662	632	570
tail_y(23)	1011	956	921	589	659	631	571
tail_y(24)	1019	958	919	587	657	634	572
tail_y(25)	1025	978	919	581	651	639	575
tail_y(26)	1025	978	919	581	651	639	575
tail_y(27)	1031	981	915	575	645	635	577
tail_y(28)	1035	984	915	569	640	629	579
tail_y(29)	1037	988	915	561	637	614	580
tail_y(30)	1031	993	915	557	633	615	582
tail_y(31)	1009	998	914	547	627	619	583
tail_y(32)	1000	1003	912	537	622	621	584
tail_y(33)			911	531	619	629	585
tail_y(34)			911	525	611	625	569
tail_y(35)			905	517	612	619	579
tail_y(36)			905	511	609	623	581
tail_y(37)			902	506	609	622	578
tail_y(38)			901	499	606	617	573
tail_y(39)			899	493	608	605	564
tail_y(40)	996	1000	898	489	608	604	562
tail_y(41)	995	1006	895	482	613	606	558
tail_y(42)	996	1009	896	477	617	608	557
tail_y(43)	996	1014	896	471	616	609	556
tail_y(44)	998	1016	896	463	620	596	554
tail_y(45)	998	1019	895	457	624	596	556
tail_y(46)	1001	1020	897	448	629	592	564
tail_y(47)	1000	1023	897	445	626	588	570
tail_y(48)	1003	1026	881	439	626	584	590
tail_y(49)	1001	1030	877	431	626	578	591
tail_y(50)	1003	1029	881	431	630	578	589
tail_y(51)	999	1033	879	431	632	592	587
tail_y(52)	1004	1038	878	431	633	592	587
tail_y(53)	1006	1037	878	431	634	592	587
tail_y(54)	1009	1038	877	427	633	590	584
tail_y(55)	1007	1038	868	425	631	591	585
tail_y(56)	1007	1039	865	425	631	589	585
tail_y(57)	1007	1037	889	426	629	586	583
tail_y(58)	1005	1038	887	427	627	581	578
tail_y(59)	1003	1038	883	428	620	581	587
tail_y(60)	1004	1037	881	430	616	577	595
tail_y(61)	1005	1035	877	432	617	576	598
tail_y(62)	1007	1038	875	434	615	576	597
tail_y(63)	1008	1037	875	435	615	577	592
tail_y(64)	1012	1039	872	435	615	575	587
tail_y(65)	1016	1038	871	437	615	575	584
tail_y(66)	1020	1038	871	439	614	574	578
tail_y(67)	1026	1036	869	435	615	573	576
tail_y(68)	1028	1034	869	435	615	569	572

tail_y(69)	1036	1033	867	432	613	569	570
tail_y(70)	1042	1034	863	430	613	571	566
tail_y(71)	1044	1037	863	431	619	565	562
tail_y(72)	1044	1031	865	427	619	554	560
tail_y(73)	1046	1029	845	431	619	551	565
tail_y(74)	1046	1025	844	430	618	545	562
tail_y(75)	1044	1021	863	430	617	567	557
tail_y(76)	1044	1020	861	432	616	569	560
tail_y(77)	1047	1017	857	434	615	569	562
tail_y(78)	1049	1015	855	437	615	567	561
tail_y(79)	1050	1009	850	442	615	559	562
tail_y(80)	1052	1009	849	445	615	559	561
tail_y(81)	1050	1008	845	450	616	559	562
tail_y(82)	1052	1007	843	454	620	557	561
tail_y(83)	1052	1006	841	458	624	555	566
tail_y(84)	1050	1009	839	466	624	552	558
tail_y(85)	1052	1010	833	468	622	549	566
tail_y(86)	1050	1009	831	474	622	547	575
tail_y(87)	1049	1010	827	476	624	543	583
tail_y(88)			825	477	627	539	589
tail_y(89)			825	481	626	539	570
tail_y(90)			819	484	631	534	568
tail_y(91)			819	488	630	533	568
tail_y(92)			819	488	626	531	572
tail_y(93)			819	490	624	531	576
tail_y(94)			819	495	624	537	580
tail_y(95)			816	496	624	531	582
tail_y(96)	1027	1025	813	499	626	528	582
tail_y(97)	1023	1027	811		626		584
tail_y(98)	1017	1028	805		626		586
tail_y(99)	1015	1033	803	496	630	528	586
tail_y(100)	1009	1030	799	499	632	527	605
tail_y(101)	1005	1032	797	501	633	521	592
tail_y(102)	995	1035	794	499	632	519	597
tail_y(103)	993	1034	791	495	635	513	600
tail_y(104)	991	1036	788		625		604
tail_y(105)	985	1036	789	485	627	478	606
tail_y(106)	980	1038	793	483	625	476	607
tail_y(107)	975	1039	793	479	623		607
tail_y(108)	971	1040	793	478	621	496	609
tail_y(109)	965	1038	791	470	623	507	609
tail_y(110)	965	1035	791	471	627	506	609
tail_y(111)	961	1036	790	470	629	509	608
tail_y(112)	955	1036	782	469	623	506	609
tail_y(113)	955	1036	787	474	620	507	607
tail_y(114)	951	1035	789	474	619	501	605
tail_y(115)	941	1033	782	478	620	498	607
tail_y(116)	940	1031	781	484	621	489	609
tail_y(117)	937	1031	780	486	619	485	609
tail_y(118)	927	1029	781	490	616	481	609

tail_y(119)	925	1029	783	493	616	477	609
tail_y(120)	921	1025	782	497	614	473	607
tail_y(121)	913	1019	784	506	615	470	607
tail_y(122)	911	1018		508	617	465	587
tail_y(123)	909	1015	785	518	615	465	603
tail_y(124)	901	1008	787	520	613	458	605
tail_y(125)	897	1007	785	528	611	448	601
tail_y(126)	897	1003	785	530	605	459	597
tail_y(127)	896	999	782	536	601	461	584
tail_y(128)	870	999	785	542	595	453	581
tail_y(129)	889	997	784	548	591	449	579
tail_y(130)	896	989	785	556	583	453	580
tail_y(131)	905	988	787	561	583	455	578
tail_y(132)	913	985	787	566	575	453	576
tail_y(133)	919	981	787	573	575	430	576
tail_y(134)	925	981	785	576	573	433	576
tail_y(135)	931	975	784	584	571	435	576
tail_y(136)	910	971	779	586	571	432	580
tail_y(137)	907	971	777	592	571	432	582
tail_y(138)	910	969	779	596	573	431	586
tail_y(139)	916	965	778	604	575	445	590
tail_y(140)	920	964	778	608	573	443	593
tail_y(141)	922	955	779	616	570	441	598
tail_y(142)	924	955	780	624	565	439	600
tail_y(143)	932	953	776	626	563	439	600
tail_y(144)	934	947	777	634	564	439	604
tail_y(145)	938	947	774	642	561	438	606
tail_y(146)	942	945	776	644	559	435	606
tail_y(147)	944	939	776	646	564	432	606
tail_y(148)	950	939	780	652	569	434	606
tail_y(149)	952	933	776	652	571	436	606
tail_y(150)	952	931	778	678	571	437	606
tail_y(151)	952	933	776	675	571	437	608
tail_y(152)	954	931	778	664	572	437	604
tail_y(153)	956	931	779	652	573	435	604
tail_y(154)	977	927	785	662	573	441	604
tail_y(155)	975	925	785	665	576	438	604
tail_y(156)	950	923	782	667	574	441	600
tail_y(157)	947	923	782	665	578	443	600
tail_y(158)	948	923	781	661	579	443	600
tail_y(159)	946	923	778	661	580	447	598
tail_y(160)	946	923	780	661	583	447	598
tail_y(161)	942	923	782	657	585	447	598
tail_y(162)	943	923	787	655	586	441	598
tail_y(163)	932	923	788	653	586	434	598
tail_y(164)	934	922	790	654	590	429	596
tail_y(165)	933	921	792	655	596	423	597
tail_y(166)	929	923	794	658	598	425	601
tail_y(167)	925	923	796	663	603		605
tail_y(168)	923	923	797	668	604	431	610

tail_y(169)	921	921	797	674	610	416	613
tail_y(170)	917	918	796	680	612	447	615
tail_y(171)	915	915	796	684	618	443	615
tail_y(172)	911	913	797	688	620	434	611
tail_y(173)	903	909	799	694	626	427	612
tail_y(174)	901	907	801	700	627	421	610
tail_y(175)	897	904	797	704	632	413	610
tail_y(176)	891	903	795	710	634	409	612
tail_y(177)	886	901	794	714	638	399	614
tail_y(178)	883	900	796	718	642	397	616
tail_y(179)	879	898	793	726	644	391	616
tail_y(180)	877	896	795	728	648	383	616
tail_y(181)	876	898	801	736	650	379	612
tail_y(182)	879	898	799	738	656	375	610
tail_y(183)	879	898	799	746	658	370	612
tail_y(184)	880	900	797	750	660	368	612
tail_y(185)	878	901	795	756	666	361	612
tail_y(186)			790	762	666	354	612
tail_y(187)			789	766	670	352	612
tail_y(188)			789	772	672	343	612
tail_y(189)	876	902	791	778	672	345	612
tail_y(190)	878	904	791	786	670	342	613
tail_y(191)	878	903	789	793	672	329	614
tail_y(192)	880	906	789	798	668	327	614
tail_y(193)	877	904	793	806	668	318	615
tail_y(194)	879	906	795	815	668	322	617
tail_y(195)	878	905	796	818	668	314	616
tail_y(196)	879	906	794	820	668	315	617
tail_y(197)	873	908	793	824	668	339	617
tail_y(198)	869	907	789	828	670	333	617
tail_y(199)	863	910	788	833	672	346	618
tail_y(200)	861	915	782	842	676	347	623
tail_y(201)	857	916	784	846	675	343	621
tail_y(202)	849	916	781	854	676	335	599
tail_y(203)	847	917	779	864	674	334	592
tail_y(204)	839	917	780	870	674	335	596
tail_y(205)	837	920	785	874	680	332	595
tail_y(206)	833	920	787	881	670	332	598
tail_y(207)	831	919	787	884	673	329	599
tail_y(208)	829	914	786	894	676	329	619
tail_y(209)	829	915	781	902	675		621
tail_y(210)	829	914	781	906	669	342	619
tail_y(211)	833	919	777	914	669	329	618
tail_y(212)	838	919	775	916	665	332	619
tail_y(213)	841	919	771	926	667	333	616
tail_y(214)	838	919	771	928	665	336	619
tail_y(215)	835	922	765	934	659	337	615
tail_y(216)	833	929	762	936	659	330	614
tail_y(217)	822	931	759	969	657	335	614
tail_y(218)	826	930	758	931	653	337	615

tail_y(219)	823	912	757	920	650	337	616
tail_y(220)	824	908	753	916	643	339	615
tail_y(221)	826	921	751	915	643	341	615
tail_y(222)	824	924	746	916	641	340	615
tail_y(223)	824	924	744	920	640	343	612
tail_y(224)	824	922	745	924	639	343	613
tail_y(225)	823	921	745	931	630	343	611
tail_y(226)	820	921	741	937	631	343	610
tail_y(227)	819	919	743	943	627	346	625
tail_y(228)	817	913	737	951	627	350	631
tail_y(229)	817	911	737	930	627	345	634
tail_y(230)	813	909	737	930	626	346	613
tail_y(231)	808	907	735	932	634	347	613
tail_y(232)	804	903	733	940	634	340	616
tail_y(233)	807	899	733	940	638	351	614
tail_y(234)	803	895	735	945	642	355	616
tail_y(235)	799	891	737	952	646	355	618
tail_y(236)	798	889	737	956	652	355	622
tail_y(237)	797	881	741	964	656	345	626
tail_y(238)	795	881	740	966	664	346	628
tail_y(239)	789	879	741	972	664	345	630
tail_y(240)	785	875	735	974	668	346	631
tail_y(241)	781	875	735	974	670	347	632
tail_y(242)	775	869	735	974	674	343	632
tail_y(243)	775	867	740	976	675	341	632
tail_y(244)	771	864	732	986	674	337	633
tail_y(245)	769	861	732	991	677	330	632
tail_y(246)	761	859	729	994	673	330	633
tail_y(247)	762	853	730	999	675	330	630
tail_y(248)	756	851	733	1005	673	330	629
tail_y(249)	754	849	735	1008	676	330	629
tail_y(250)	750	843	737	1010	679	328	629
tail_y(251)	750	841	737	1013	683	328	631
tail_y(252)	749	837	739	1016	683	327	631
tail_y(253)	746	831	737	1017	683	326	626
tail_y(254)	747	829	737	1020	681	325	626
tail_y(255)	746	825	737	1018	676	324	626
tail_y(256)	741	823	739	1022	676	326	630
tail_y(257)	743	817	739	1025	677	323	634
tail_y(258)	741	815	739	1026	678	325	640
tail_y(259)	740	813	739	1024	684	331	640
tail_y(260)	741	808	739	1024	684	332	646
tail_y(261)	735	805	739	1025	690	334	648
tail_y(262)	736	799	735	1051	692	338	654
tail_y(263)	732	796	737	1061	692	342	656
tail_y(264)	732	791	737	1066	696	347	660
tail_y(265)	733	787	735	1067	691	352	662
tail_y(266)	730	783	735	1061	688	354	664
tail_y(267)	731	783	735	1041	692	360	669
tail_y(268)	728	781	733	1036	693	360	670

tail_y(269)	729	776	733	1027	693	362	674
tail_y(270)	727	775	731	1026	691	369	674
tail_y(271)	728	775	730	1030	689	369	677
tail_y(272)	728	771	728	1028	687	370	684
tail_y(273)	725	768	729	1024	687	378	685
tail_y(274)	727	769	733	1022	686	381	688
tail_y(275)	726	767	728	1020	688	384	691
tail_y(276)	726	759	729	1018	691	386	691
tail_y(277)	725	755	728	1017	691	384	690
tail_y(278)	719	755	725	1019	691	382	688
tail_y(279)	717	748	724	1018	689	384	690
tail_y(280)	715	742	725	1022	691	382	694
tail_y(281)	713	750	726	1022	689	378	696
tail_y(282)	713	751	725	1025	693	376	695
tail_y(283)	710	748	727	1028	694	396	698
tail_y(284)	711		727	1033		396	702
tail_y(285)	710		724	1032		401	703
tail_y(286)	706		726	1033		405	703
tail_y(287)	704		722	1032		397	703
tail_y(288)	706	751	723	1059	698	377	702
tail_y(289)	705	748	721	1063	699	368	699
tail_y(290)	705	747	721	1036	700	362	700
tail_y(291)	704	747	719	1038	698	379	700
tail_y(292)	703	747	719	1041	698	380	701
tail_y(293)	705	747	717	1044	700	376	702
tail_y(294)	702	744	717	1046	698	374	701
tail_y(295)	702	743	717	1054	701	371	700
tail_y(296)	704	742	717	1056	698	369	699
tail_y(297)	706	744	715	1057	699	365	702
tail_y(298)	708	745	713	1056	691	362	701
tail_y(299)	712	747	711	1054	693	355	701
tail_y(300)	710	729	713	1053	691	355	702
tail_y(301)	713	729		1047	687	351	
tail_y(302)	718	728		1045	684	344	
tail_y(303)	719	728		1037	685	343	
tail_y(304)	726	730		1035	687	345	
tail_y(305)	724	731		1029	691	345	
tail_y(306)	731	732		1025	691	343	
tail_y(307)	730	735		1027		328	
tail_y(308)	737	736		1023		326	
tail_y(309)	740	738		1021		324	
tail_y(310)	744	738				324	
tail_y(311)	747	747		1003		344	
tail_y(312)	750	751		1011	696	351	
tail_y(313)	750	753		1017	696	359	
tail_y(314)	756	757	710	1018	698	340	715
tail_y(315)	758	735	711	1016	698	342	715
tail_y(316)	764	735	710	1012	702	346	715
tail_y(317)	766	739	711	1017	706	348	715
tail_y(318)	775	740	709	1016	703	352	715

tail_y(319)	778	742	709	1014	703	356	714
tail_y(320)	785	745	711	1011	702	362	709
tail_y(321)	790	748	707	1010	699	362	711
tail_y(322)	796	752		1010	698	363	
tail_y(323)	796	754	708	1008	694	366	715
tail_y(324)	800	758	707	1010	695	368	713
tail_y(325)	800	760	709	1016	689	368	713
tail_y(326)	798	763	709	1018	684	369	715
tail_y(327)	798	766	711	1022	683	370	712
tail_y(328)	798	768	708	1024	679	372	711
tail_y(329)	798	772	711	1026	675	378	707
tail_y(330)	798	774	709	1032	669	378	710
tail_y(331)	802	778	708	1034	666	382	710
tail_y(332)	811	780		1035	661	384	
tail_y(333)	810	784	710	1035	659	389	718
tail_y(334)	809	784	708	1035	653	390	716
tail_y(335)	806	787	709	1033	651	394	716
tail_y(336)	804	790	711	1027	645	398	716
tail_y(337)	804	790	709	1025	643	399	714
tail_y(338)	808	792		1013	635	402	
tail_y(339)	810	790	709	1011	633	400	712
tail_y(340)	810	792	706	1006	627	403	716
tail_y(341)	808	792	707	1004	619	402	718
tail_y(342)	807	817	707	998	619	404	720
tail_y(343)	802	807	707	995	619	404	724
tail_y(344)	799	808	707	992	617	408	726
tail_y(345)	797	808	703	991	617	414	728
tail_y(346)	793	801	705	983	611	408	732
tail_y(347)	791	795	698	985	607	402	732
tail_y(348)	786	788	703	980	599	396	734
tail_y(349)	787	795	697	979	596	390	736
tail_y(350)	782	795	701	977	591	384	738
tail_y(351)	783	793	701	974	589	378	740
tail_y(352)	780	795	699	972	585	374	742
tail_y(353)	778	789	698	973	583	368	744
tail_y(354)	775	788	697	968	577	366	747
tail_y(355)	777	787	697	967	575	360	746
tail_y(356)	775	783	693	964	571	357	747
tail_y(357)	771	779	691	962	571	356	748
tail_y(358)	767	777	689	962	568	354	747
tail_y(359)	766	773	685	960	569	362	746
radius_1(0)	3.83251	3.04332	3.39676	3.23474	4.00406	3.10684	4.26601
radius_1(1)	3.58105	3.28806	4.90357	3.26747	3.08505	3.25906	3.07233
radius_1(2)	3.36523	3.48654	4.89023	3.53345	2.48817	3.32166	3.30383
radius_1(3)	4.30896	3.08668	4.06105	4.73246	3.07534	3.5874	3.91437
radius_1(4)	4.13718	3.48175	4.28046	3.35505	2.48112	3.77039	3.69608
radius_1(5)	3.79966	3.98032	4.76741	3.63474	3.09048	4.16577	3.89191
radius_1(6)	4.19073	3.25211	4.19371	4.01677	3.13782	3.70493	3.60132
radius_1(7)	3.44399	3.04749	4.75771	3.90472	4.2572	3.22476	3.56458
radius_1(8)	3.59393	2.43042	4.15466	3.21228	3.44855	3.35142	3.34753

radius_1(9)	3.64636	3.25132	3.80402	3.34521	3.47106	3.49805	3.6271
radius_1(10)	3.7359	3.16817	4.22659	3.32386	4.06262	2.7782	4.18728
radius_1(11)	3.35148	2.96985	4.22401	3.11388	3.77039	3.66452	4.33179
radius_1(12)	4.25659	3.97552	4.3864	4.20001	3.30926	3.12062	4.5214
radius_1(13)	4.29999	3.44309	4.44617	4.01537	4	4.1615	3.84412
radius_1(14)	4.46857	3.18042	5.38257	2.51635	3.2395	4.04651	3.00146
radius_1(15)	4.34937	3.20831	4.0669	3.555	4.41168	4.22144	3.28344
radius_1(16)	3.71214	3.37203	5.06042	2.68306	4.229	3.19995	4.12183
radius_1(17)	3.15356	3.86688	4.38493	3.33045	4.61205	3.41174	4.44073
radius_1(18)	3.37836	4.02863	4.47894	3.18453	3.61406	3.13579	2.97399
radius_1(19)	3.44891	3.9724	3.93993	3.72415	3.65281	3.03434	3.36111
radius_1(20)	3.92059	3.27769	4.06664	3.3988	3.25439	3.08415	3.62444
radius_1(21)	4.37712	4.06077	4.22046	3.29943	3.02346	3.14806	3.21088
radius_1(22)	3.46436	4.18916	3.82119	2.94299	3.13696	3.18018	3.65851
radius_1(23)	3.54736	3.9327	3.4751	3.78015	2.8208	3.10315	4.13947
radius_1(24)	4.43481	3.82104	4.24817	2.77722	3.14641	4.25166	3.32294
radius_1(25)	4.1757	3.96427	4.02112	3.19995	4.0929	4.06418	4.17023
radius_1(26)	4.1757	3.96427	4.02112	3.19995	4.0929	4.06418	4.17023
radius_1(27)	4.3088	3.92395	3.64615	2.94128	3.87774	4.27563	3.82697
radius_1(28)	3.73317	4.1561	3.22694	3.35986	4.24152	3.23816	4.22937
radius_1(29)	3.70142	4.1366	5.18444	2.94983	3.28094	3.13306	4.49764
radius_1(30)	4.14832	3.39162	3.8486	3.0769	3.70618	3.2218	4.26901
radius_1(31)	3.39919	3.47872	4.19088	3.0769	3.34428	3.27368	4.17423
radius_1(32)	3.63836	3.96452	4.17413	2.78357	3.92154	3.17188	4.48605
radius_1(33)			4.11045	2.93045	3.0769	3.90344	4.54236
radius_1(34)			4.1369	2.53916	5.5092	3.19846	3.79884
radius_1(35)			4.40881	3.23353	4.40808	3.15393	4.17304
radius_1(36)			4.37885	4.26953	3.13361	3.12016	4.21709
radius_1(37)			3.41089	3.03414	2.76045	3.47528	4.05948
radius_1(38)			4.53408	3.60502	2.81813	3.23816	3.84144
radius_1(39)			4.05089	3.60733	3.58888	3.15705	4.17335
radius_1(40)	3.7934	2.80269	4.8535	3.67419	2.79498	4.241	3.5325
radius_1(41)	3.60295	2.96684	4.52786	3.12223	2.72873	3.583	3.31305
radius_1(42)	4.29919	2.79977	3.6401	2.98181	3.87903	3.00908	3.66299
radius_1(43)	4.21552	2.9314	4.65815	2.12384	4.43685	4.33237	3.5719
radius_1(44)	3.68085	3.28199	2.7166	3.35609	3.38196	2.79389	4.03328
radius_1(45)	3.27466	2.98829	3.66194	2.44615	3.29573	3.62431	4.66985
radius_1(46)	4.08736	3.37921	4.09232	3.84576	3.64265	4.32714	3.90674
radius_1(47)	3.06313	3.16479	3.77478	3.9653	3.05781	3.62457	4.07328
radius_1(48)	3.50736	3.25659	3.83887	3.14979	3.50301	3.90074	4.06189
radius_1(49)	3.73976	3.62048	3.28759	3.33601	4.32607	3.64808	3.15198
radius_1(50)	3.34409	3.46995	4.33032	3.01596	4.30868	2.59033	3.80469
radius_1(51)	3.56251	3.83826	3.70052	3.56018	4.19359	3.64432	3.78558
radius_1(52)	3.80545	4.0732	4.91784	3.51326	3.57127	3.44972	3.88702
radius_1(53)	4.41734	4.07346	4.86028	3.492	3.71921	3.63449	4.13367
radius_1(54)	2.95044	4.1514	3.37856	3.72034	3.87109	3.22793	4.16479
radius_1(55)	4.2157	3.5531	3.21114	3.51306	3.69507	3.27956	4.08943
radius_1(56)	3.27639	3.34656	4.58624	3.01321	3.15393	3.33239	3.97552
radius_1(57)	3.59829	4.07251	3.1615	3.58249	4.13696	3.09569	4.94977
radius_1(58)	3.59472	4.50012	3.13635	3.52264	3.51709	3.90044	3.10891

radius_1(59)	3.86789	4.16712	3.62854	3.43818	5.06201	4.22581	3.81735
radius_1(60)	3.53523	3.76112	3.58765	4.1533	3.65125	3.23816	3.2312
radius_1(61)	2.59339	4.23073	3.3137	3.35831	3.50171	3.14038	3.06308
radius_1(62)	3.1547	3.73232	3.79834	4.38274	4.34363	3.24314	4.09987
radius_1(63)	3.99042	3.21357	3.14893	4.1217	3.14288	3.43127	3.44818
radius_1(64)	3.75049	3.09678	3.97559	3.1883	3.13757	3.9319	4.48896
radius_1(65)	3.07715	4.92322	3.13232	3.1115	3.97454	3.24945	3.96181
radius_1(66)	2.87451	3.55939	4.30664	3.58332	3.95124	3.1438	3.26894
radius_1(67)	3.05173	3.80927	4.40106	2.96985	3.36518	3.3252	4.44047
radius_1(68)	3.46566	3.26131	2.80452	4.00562	4.23845	3.20559	3.60221
radius_1(69)	3.0769	4.17444	2.94823	3.64713	4.22174	4.89441	2.43186
radius_1(70)	4.25659	3.69446	3.08859	4.21752	4.51859	3.93368	4.37271
radius_1(71)	3.56567	3.23218	3.23645	4.11947	3.56866	4.93738	4.04486
radius_1(72)	4.27954	3.32937	3.72746	4.16629	4.52295	2.73169	3.30067
radius_1(73)	4.44914	3.55621	3.38362	3.53197	3.43692	3.45383	3.27216
radius_1(74)	3.85551	3.24694	3.44348	3.65674	3.91231	4.20787	4.95378
radius_1(75)	4.95078	3.26033	3.54337	3.48315	2.99127	3.62558	3.47951
radius_1(76)	3.68503	3.63057	3.75568	3.88633	3.31702	3.49747	3.19985
radius_1(77)	4.00061	3.18457	3.76068	2.96985	4.16867	3.75378	4.35938
radius_1(78)	3.86241	3.40479	3.73842	3.19995	3.95089	3.53105	3.46344
radius_1(79)	4.04178	3.97552	4.04862	2.25279	3.21536	4.81628	4.3374
radius_1(80)	4.39197	3.79944	4.15648	3.14526	4.25616	3.18728	4.16936
radius_1(81)	4.40926	3.51866	4.17405	3.13334	4.14728	3.97657	4.26522
radius_1(82)	4.20665	3.39268	3.97702	3.06806	4.0552	3.7454	3.98022
radius_1(83)	4.13664	3.81247	4.7826	2.49983	4.29409	4.11813	3.89478
radius_1(84)	4.24264	3.39691	3.52982	3.74304	4.25659	3.57079	3.07669
radius_1(85)	4.11601	3.65794	4.86938	3.35814	4.21855	4.19473	3.15149
radius_1(86)	4.23033	4.03453	3.76643	4.12967	3.49868	3.34521	3.34603
radius_1(87)	3.76479	3.39225	4.49243	4.02112	4.15663	3.90855	4.12076
radius_1(88)			4.00199	4.1563	3.76996	3.45617	4.01782
radius_1(89)			4.135	3.52621	3.77124	4.20354	3.78144
radius_1(90)			4.31277	3.09299	4.88984	3.11711	3.32794
radius_1(91)			3.25522	3.43294	3.19478	4.15063	3.45422
radius_1(92)			5.14094	3.11761	3.37264	3.40442	3.474
radius_1(93)			4.32576	4.00818	4.02124	3.16595	3.53786
radius_1(94)			4.36867	3.86837	2.76385	4.39685	3.61694
radius_1(95)			3.15777	4.22937	3.47814	4.54698	4.805
radius_1(96)	4.01906	3.99405	3.40921	4.14481	2.94732	3.45775	3.70905
radius_1(97)	4.56303	3.46387	3.386		4.14648		3.40216
radius_1(98)	3.08858	4.06018	3.07525		3.85032		4.06323
radius_1(99)	4.10743	4.17041	3.31521	4.21656	3.99627	2.97972	3.74802
radius_1(100)	3.36586	4.01038	4.23132	3.82621	3.79901	3.26086	4.33314
radius_1(101)	4.72096	3.29421	3.16916	3.62079	4.21519	3.32117	2.75631
radius_1(102)	3.81653	3.61114	4.3167	2.20004	3.50759	2.88192	5.56116
radius_1(103)	4.27466	4.37793	2.96985	2.56557	4.0938	3.38737	3.23591
radius_1(104)	3.21066	4.224	4.09318		4.17487		4.29749
radius_1(105)	3.20691	4.38464	4.99857	3.14256	4.96183	4.02466	2.81976
radius_1(106)	3.46509	4.48528	3.51313	3.17367	4.16168	3.92893	3.18751
radius_1(107)	2.99878	4.57593	4.19965	4	3.72094		2.57111
radius_1(108)	3.17776	3.57604	4.20169	4.05311	3.14528	4.23358	3.64649

radius_1(109)	3.68606	4.7046	4.48932	3.36752	3.14917	3.62243	3.55992
radius_1(110)	3.09878	3.59814	4.16441	3.92233	4.75284	3.83123	3.7255
radius_1(111)	2.95251	2.82751	3.60148	3.51711	3.47406	4.97756	3.55258
radius_1(112)	3.1689	2.95435	4.67334	4.24465	3.00513	4.33483	3.68489
radius_1(113)	3.14209	3.76986	3.60994	3.43873	2.8652	3.09092	4.96779
radius_1(114)	2.99902	3.70378	4.21144	4.2249	3.3999	3.67659	4.76814
radius_1(115)	4.11768	4.39266	4.80713	3.64038	2.78876	2.85654	4.32924
radius_1(116)	3.02084	4.16435	3.35022	2.86597	2.85272	2.66218	2.89624
radius_1(117)	3.17419	4.57736	3.17151	3.57007	4.24234	3.53711	2.95552
radius_1(118)	3.55314	4.14463	3.87295	3.37488	4.16221	2.91062	3.63488
radius_1(119)	3.75146	3.62689	3.41447	4.25659	2.58638	2.88409	3.82373
radius_1(120)	3.11927	4.67728	3.93219	3.0769	4.23536	3.07871	4.89103
radius_1(121)	4.36448	4.21669	4.15503	4.16973	4.31287	3.48633	5.48023
radius_1(122)	2.4005	4.1215		3.14026	3.19189	3.97107	3.04129
radius_1(123)	3.21207	3.44872	3.84052	2.84284	3.31775	5.36841	2.63592
radius_1(124)	3.02342	3.9171	4.18628	3.59703	3.11548	4.26655	3.61482
radius_1(125)	3.62517	3.53843	4.05512	3.22864	2.83661	4.02482	2.76563
radius_1(126)	4.4342	3.1481	4.11355	3.31238	3.14294	4.09003	4.29072
radius_1(127)	4.2616	3.50528	3.16797	3	3.95825	4.12071	2.76593
radius_1(128)	3.02524	3.98676	3.87598	3.13965	3.30981	2.98997	3.73359
radius_1(129)	4.79239	3.53005	5.17371	3.41138	3.13403	3.18048	3.93389
radius_1(130)	4.17989	3.75842	5.29303	3.27026	3.73999	4.17773	4.36401
radius_1(131)	3.53765	4.05121	4.90926	2.95496	2.95055	3.28997	3.63512
radius_1(132)	3.06762	4.20604	4.02867	2.94128	3.22702	3.29477	3.23891
radius_1(133)	3.48236	3.9707	4.22736	3.20327	2.83911	2.04849	3.2915
radius_1(134)	4.17627	3.92733	3.70544	3.12476	4.9519	5.1803	3.31583
radius_1(135)	4.89076	3.9899	3.98917	3.37451	4.09326	3.76137	3.52414
radius_1(136)	2.68506	3.27905	3.62921	2.885	3.7175	3.32715	3.35791
radius_1(137)	3.58184	3.62464	4.73768	3.4115	3.45125	4.6056	3.31982
radius_1(138)	2.94128	3.27246	3.53221	3.62442	3.24788	2.73246	3.44673
radius_1(139)	2.82788	4.30582	3.75766	3.29065	3.44428	2.95695	4.05728
radius_1(140)	2.96265	3.87239	4.89941	3.16899	3.13849	4.24951	4.12352
radius_1(141)	3.53631	4.02155	3.45199	3.21521	3.2373	3.72147	3.32755
radius_1(142)	3.12524	4.30957	4.00181	3	2.88466	3.98499	4.15594
radius_1(143)	3.01471	3	4.2566	3.37862	2.93361	4.82745	3.47811
radius_1(144)	3.12897	3.23669	5.59013	4.00769	3.74457	3.15076	3.96863
radius_1(145)	2.96985	3.56704	4.05532	2.96265	3.28357	4.00812	3.70934
radius_1(146)	2.96985	4.45532	4.09536	3.15393	4.35765	3.86261	3.52455
radius_1(147)	3.73165	3.97219	4.2065	3.42366	1.85603	3.40703	4.20081
radius_1(148)	4.29404	3.62284	4.19584	3.71033	4.7724	4.01321	4.74842
radius_1(149)	2.96985	3.41675	5.14441	4.43608	2.86379	4.20328	3.87687
radius_1(150)	4.21021	4.01628	3.55549	3.3197	3.30973	3.64404	4.11908
radius_1(151)	3.38533	3.19529	4.04199	4.23511	3.48746	3.85196	3.80086
radius_1(152)	3.4724	2.52945	5.17879	3.46764	3.56534	3.41732	4.14905
radius_1(153)	4.14518	3.39961	4.40953	3.9975	3.38008	3.47809	3.8656
radius_1(154)	4.06451	3.34705	3.75635	3.81816	3.86584	4.6344	3.47754
radius_1(155)	4.30475	2.99023	4.31116	3.21655	3.77292	3.13202	4.47881
radius_1(156)	3.22197	3.98304	3.22672	3.23328	3.86276	3.89313	4.14414
radius_1(157)	4.90922	3.50891	4.23834	3.02674	3.05298	4.0886	3.50972
radius_1(158)	3.45686	4.12106	4.1037	3.75771	4.04099	4.83992	4.2381

radius_1(159)	3.19385	3.52492	2.93676	4.64349	4.11529	3.31593	3.5714
radius_1(160)	3.82544	3.00375	4.00708	3.59961	3.86608	3.92963	2.99773
radius_1(161)	3.20569	3.80725	3.6781	3.33817	3.41895	3.74693	3.8023
radius_1(162)	3.01514	4.06461	4.12836	3.47595	3.42688	3.46345	4.09016
radius_1(163)	2.93668	3.88451	4.35931	3.29548	3	4.3514	4.45858
radius_1(164)	3.52534	4.08507	4.24609	2.96985	3.75757	3.23291	3.85533
radius_1(165)	2.91188	4.11433	4.23859	3.47394	3.95328	2.78687	3.98718
radius_1(166)	2.45926	3.29834	4.1625	3.03386	3.8317	1.66052	3.80025
radius_1(167)	3.46436	3.95923	4.58002	3.02095	3.48332		4.16505
radius_1(168)	2.77327	3.39606	3.94541	3.69531	3.79626	4.30847	3.62996
radius_1(169)	3.68387	3.12945	4.29182	2.93547	3.98002	4.47698	2.53376
radius_1(170)	3.45917	3.08826	4.28563	3.11966	3.61228	2.96985	2.60248
radius_1(171)	3.26922	4.05206	4.28993	3.82137	3.65275	3.20925	2.71926
radius_1(172)	3.19995	3.34201	4.20001	3.02467	3.92147	3.18181	2.75467
radius_1(173)	3.19995	3.97552	4.07225	2.92583	4.06745	3.13965	4.03735
radius_1(174)	3.13965	4.13672	4.1338	4.39349	3.57207	3.19995	3.11536
radius_1(175)	3.23547	4.37189	4.70545	3.09942	3.60566	3.98132	4.22814
radius_1(176)	3.09888	3.70056	4.41505	4.00315	3.18933	3.30787	3.01288
radius_1(177)	3.09873	3.73785	4.86343	3.00477	4.777	3.32739	3.58198
radius_1(178)	3.19299	3.91551	4.3003	3.22925	3.23779	3.15869	3.41418
radius_1(179)	3.36755	4.15218	4.19995	3.15027	4.25208	2.95886	3.80896
radius_1(180)	4.17712	3.57267	4.87551	3	3.19789	3	4.11878
radius_1(181)	4.35577	3.39111	3.74696	3.26957	4.51009	3.15702	3.38421
radius_1(182)	3.33719	3.75918	4.02911	3.88533	4.73757	3.16272	3.96457
radius_1(183)	3.51001	3.72351	4.33118	3.3551	3.61754	3.01392	3.26103
radius_1(184)	2.79187	3.76662	3.88948	3.06329	4.10203	3.17969	3.57525
radius_1(185)	3.85473	3.39097	4.23059	3.55124	3.88586	3.60132	3.74977
radius_1(186)			4.87213	3.12793	4.07087	3.03625	3.89507
radius_1(187)			3.87701	3.19381	4.28242	3.17776	3.77954
radius_1(188)			4.21719	3.23214	4.80942	3.68528	3.3186
radius_1(189)	4.02029	3.45609	3.15314	2.95496	4.11877	3.78199	2.09949
radius_1(190)	4.14976	4.42944	3.85321	3.66794	4.62185	6.34562	1.81882
radius_1(191)	4.28649	3.56824	4.0562	2.92517	4.15283	3.86226	4.82921
radius_1(192)	3.77562	3.50729	5.22905	3.37867	5.02338	3.1788	3.60413
radius_1(193)	3.75607	3.85931	4.49686	2.90078	4.72196	3.0769	3.97187
radius_1(194)	3.76428	4.02837	5.03451	3.65943	4.24902	3.43066	4.01774
radius_1(195)	4.02075	4.1531	4.55498	3.76824	3.68311	3.58537	3.99689
radius_1(196)	3.5553	3.47595	2.67756	3.9543	3.4126	4.61926	4.21332
radius_1(197)	4.2815	4.05149	2.96516	4.22668	3.51306	2.55334	3.76385
radius_1(198)	3.37415	3.38699	2.91606	3.72837	3.39884	3.03613	3.83186
radius_1(199)	4.26646	3.4172	3.5979	3.77166	4.35576	2.96069	3.21429
radius_1(200)	4.11446	3.96045	4.19823	3.53475	3.9754	2.50489	2.72107
radius_1(201)	4.15524	3.63396	5.00621	4.22937	3.92038	3.56375	3.39891
radius_1(202)	3.89798	3.40085	3.32874	3.72111	4.25617	3.97552	4.17387
radius_1(203)	3.47803	3.43374	3.81164	3.71827	4.16944	3.34011	4.16457
radius_1(204)	3.74964	3.44607	3.13147	3.99214	4.0057	3.13318	4.09349
radius_1(205)	3.4342	3.53299	4.27954	3.64001	4.22642	4.05378	4.10084
radius_1(206)	3.54932	3.396	4.13049	3.15635	3.49268	3.23819	4.1986
radius_1(207)	3.42256	3.37583	3.97559	4.85547	3.49905	3.58199	3.14046
radius_1(208)	3.47319	3.30515	3.08618	3.31334	4.20673	3.95264	3.96069

radius_1(209)	4.02685	2.95977	3.89819	3.90479	4.73228		3.78894
radius_1(210)	3.53843	3.0702	3.34776	3.9845	4.2075	3.23697	2.86322
radius_1(211)	1.94928	3.2636	3.49794	3.51469	3.61801	4.22867	2.85968
radius_1(212)	2.53198	3.31944	2.93111	3.91307	4.08545	4.04423	3.49065
radius_1(213)	2.8761	2.80504	3.62798	3.89351	3.82988	3.82371	3.43032
radius_1(214)	4.4223	3.44463	3.04837	3.74977	3.23816	3.87833	3.94458
radius_1(215)	4.20944	4.22449	3.32514	3.60964	3.66882	5.9847	3.90472
radius_1(216)	4.78302	3.20587	3.11586	3.42742	2.81531	4.24318	4.40009
radius_1(217)	3.14508	3.5705	3.07974	4.79883	3.18579	3.10266	3.79413
radius_1(218)	3.35772	3.25452	2.86904	3.5238	4.34199	3.36804	3.90143
radius_1(219)	3.65292	3.83319	2.9295	3.47491	3.52101	3.27651	3.82813
radius_1(220)	3.46086	3.98907	3.85478	3.35976	3.89927	2.97134	4.25659
radius_1(221)	3.73122	2.31592	3.54395	3.96917	3.54236	3.41359	4.0498
radius_1(222)	3.76271	3.28149	3.74179	4.20654	3.34678	4.05763	4.42719
radius_1(223)	3.51233	4.28299	3.76445	4.2489	3.51965	4.20885	3.94096
radius_1(224)	3.91608	3.29227	3.06571	4.1747	2.47685	3.52295	3.0624
radius_1(225)	4.06526	4.01343	4.60076	4.55282	3.15161	4.17163	3.33019
radius_1(226)	3.47067	3.27905	4.17941	3.87897	3.57739	4.16595	5.02152
radius_1(227)	4.14994	3.50313	3.05902	3.84143	3.50791	3.58746	4.03412
radius_1(228)	4.153	3.21005	3.18329	4.25641	3.82543	3.13036	4.0603
radius_1(229)	3.77092	3.14282	4.0249	3.69922	3.01379	3.56789	4.26123
radius_1(230)	3.54136	3.28906	3.49445	4.1687	3.52576	4.17443	3.1792
radius_1(231)	3.73849	3.68311	3.6402	4.22937	3.59242	3.48084	3.27975
radius_1(232)	4.13479	3.65288	3.49824	3.3223	3.72612	3.45654	2.99662
radius_1(233)	4.23039	3.17664	3.86738	4.43713	2.9847	3.77663	3.2437
radius_1(234)	4.86218	4.0813	4.28208	3.8298	3.14292	3.89582	2.99164
radius_1(235)	3.35468	4.2865	3.76367	4.11023	3.97559	3.92675	3.1142
radius_1(236)	3.5063	3.64565	4.25208	4.17908	2.24782	4.08576	3.58234
radius_1(237)	4.03388	3.64514	4.18505	3.90479	3.07111	3.42786	3.0769
radius_1(238)	4.18144	4.2306	4.28822	2.94016	4.17725	3.50007	4.22937
radius_1(239)	4.17419	3.9748	3.53539	3.92651	3.48731	4.09465	4.065
radius_1(240)	4.07347	3.2555	4.33112	4.00964	3.99792	2.65482	4.2511
radius_1(241)	3.45707	3.22736	4.20831	4.66957	4.14605	4.02216	3.83002
radius_1(242)	3.68409	3.7094	4.16138	3.78386	4.32007	4.47064	4.28601
radius_1(243)	5.16586	2.79917	4.76071	4.72546	4.13342	4.19629	3.92914
radius_1(244)	4.17423	3.46936	4.15309	3.84654	4.17894	3.78467	3.13541
radius_1(245)	4.22561	3.3095	4.83418	5.6295	4.14368	4.02512	4.28176
radius_1(246)	4.11666	3.48267	4.4397	4.92217	4.30131	3.25258	3.78631
radius_1(247)	3.54296	3.29724	4.09858	4.33176	4.19946	3.81247	3.69269
radius_1(248)	3.0928	3.31372	4.2323	5.08856	4.58666	3.01096	3.79063
radius_1(249)	3.94502	2.95947	4.02075	4.11908	2.31864	4.07013	4.26677
radius_1(250)	3.73111	3.84256	3.40045	4.46863	2.99542	3.46931	4.07451
radius_1(251)	3	3.15393	3.29972	4.42004	2.76413	4.13351	2.951
radius_1(252)	4.02075	2.65686	3.91306	4.21578	4.26678	3.91243	3.6181
radius_1(253)	3.23822	3.30444	4.26573	4.45749	3.13317	3.20965	3.25269
radius_1(254)	4.13788	2.72662	3.07977	4.19995	3.1765	3.60698	3.77467
radius_1(255)	3.62279	2.72826	4.21249	4.22937	3.23795	3.80252	3.36951
radius_1(256)	3.54248	2.77017	3.36186	5.35583	2.8493	5.45731	3.13647
radius_1(257)	4.27368	2.909	4.21558	4.22864	3.40462	2.65391	4.11902
radius_1(258)	4.20905	2.51653	3.44043	4.30188	3.45822	3.41294	3.43195

radius_1(259)	3.48137	2.96035	4.27972	5.02319	3.05074	2.73322	4.1454
radius_1(260)	3.38766	2.49244	4.07562	4.17407	3.64011	2.64871	3.66663
radius_1(261)	3.29985	3.06977	4.02911	4.86835	2.8595	3.85754	3.52458
radius_1(262)	2.95929	2.74753	3.41437	4.21655	3.25164	3.35685	3.47639
radius_1(263)	4.33518	2.97095	2.99252	4.3416	4.25659	2.79103	3.5118
radius_1(264)	3.24309	3.32039	3.85699	4.89882	4.02085	3.24741	3.75865
radius_1(265)	3.97847	2.96338	3.17224	4.14415	4.8956	3.49792	3.54468
radius_1(266)	4.10388	2.90309	4.25659	4.97974	4.44764	2.6613	3.57629
radius_1(267)	3.80346	2.86155	4.29285	3.8688	4.26889	3.10028	4.09119
radius_1(268)	3.71629	3.85638	4.02112	4.00562	4.15356	2.93479	3.63684
radius_1(269)	3.97552	3.68525	3.31966	5.03457	4.17223	3.74237	4.00745
radius_1(270)	3.97552	3.05678	4.47511	4.49099	4.0321	3.58994	3.34854
radius_1(271)	4.0874	2.44342	5.39091	3.72118	4.19543	2.21936	4.10902
radius_1(272)	3.44503	3.22888	3.87526	4.01235	3.82953	2.33135	4.11683
radius_1(273)	2.82814	3.13379	4.28023	4.11504	4.18082	3.04638	4.18067
radius_1(274)	3.34057	2.56318	4.85887	3.36158	2.24842	2.67837	4.95096
radius_1(275)	4.31495	3.03455	3.58306	4.25659	2.48912	3.06144	3.74401
radius_1(276)	3.72344	3.53497	3.85361	4.83149	3.84132	3.37389	3.51284
radius_1(277)	3.30956	2.91379	4.76993	5.07861	4.20652	2.6559	4.08813
radius_1(278)	4.26504	3.0769	4.93069	4.39795	3.78137	3.7699	4.02388
radius_1(279)	4.02955	3.68213	4.27576	4.81281	3.16867	3.87601	3.33151
radius_1(280)	3.9386	3.62928	4.71256	4.9406	3.70433	2.93514	3.85806
radius_1(281)	3.60242	3.28776	4.17618	4.19516	3.63708	3.2632	3.32894
radius_1(282)	3.53989	2.669	4.63167	3.71909	3.59989	3.08107	3.87321
radius_1(283)	4.06262	3.42406	3.82141	4.25404	3.61311	2.99016	3.28176
radius_1(284)	4.11908		3.57686	4.29426		2.97891	3.52422
radius_1(285)	3.5307		4.24089	5.16286		4.2489	3.28557
radius_1(286)	3.75125		4.22098	4.23546		3.95862	2.95893
radius_1(287)	3.18196		4.17419	4.91725		3.90125	3.97552
radius_1(288)	3.21109	3.76962	4.12672	5.22949	4.91093	1.17803	4.33136
radius_1(289)	4.2	4.44138	4.24485	4.28153	3.96315	3.5484	4.36905
radius_1(290)	3.23547	3.86926	4.78484	3.82006	3.45441	4.6254	3.83477
radius_1(291)	3.26948	2.84575	3.83898	3.19773	4.05788	3.20056	3.2146
radius_1(292)	2.94128	3.97559	3.83423	3.37134	3.79504	3.42978	4.46362
radius_1(293)	3.85289	3.84174	4.28278	5.15649	3.94783	3.12866	4.3797
radius_1(294)	2.86166	4	4.13364	4.62142	3.86837	3.40337	3.80261
radius_1(295)	3.70383	3.95886	4.03347	4.84822	4.37653	2.87694	3.94437
radius_1(296)	3.62343	3.65155	4.45226	4.83883	3.77583	2.88269	4.22937
radius_1(297)	3.02087	4.35803	4.4181	3.63421	4.19458	3.21843	3.98541
radius_1(298)	3.02825	4.00281	3.38741	4.74046	4.25122	2.99976	3.9845
radius_1(299)	3.58974	3.52333	3.54114	4.48303	4.10828	3.08186	4.67511
radius_1(300)	2.96806	3.703	3.90454	4.02039	3.10657	2.96936	4.04006
radius_1(301)	2.841	4.04797		3.33204	4.91931	4	
radius_1(302)	3.60498	3.27527		3.4796	3.76137	2.95203	
radius_1(303)	3.3966	3.20724		3.63427	4.08418	4.42222	
radius_1(304)	2.44376	3.10392		3.90472	3.70605	3.15457	
radius_1(305)	2.50746	3.19993		4.39954	1.57934	3.15393	
radius_1(306)	3.89422	2.79481		3.89514	4.07199	3.94958	
radius_1(307)	3.15039	3.0024		4.23956		2.98889	
radius_1(308)	3.41837	3.20317		4.33259		3.3689	

radius_1(309)	3.57563	3.62036		4.88335		3.99329	
radius_1(310)	3.02487	3.0769				2.85107	
radius_1(311)	3.41211	3.50214		5.15167		2.11145	
radius_1(312)	2.82004	3.14272		4.35612	4.1759	2.74316	
radius_1(313)	3.85542	3.81572		4.55438	3.26947	3.93362	
radius_1(314)	3.96084	4.1391	3.17065	3.17706	4.01434	2.86768	3.82776
radius_1(315)	2.95719	2.96985	3.39355	3.90472	3.56344	3.59094	3.56642
radius_1(316)	3.74157	3.30025	3.56366	5.26787	3.83846	2.99365	3.45263
radius_1(317)	3.45697	3.24158	4.68811	4.34332	2.90939	3.56279	2.85065
radius_1(318)	4.05066	3.01074	2.87268	4.83355	3.23845	2.96985	3.13412
radius_1(319)	3.56623	2.94128	3.78351	4.15771	3.02598	3.39028	3.5329
radius_1(320)	3.5742	2.94836	5.21143	3.81442	3.22889	3.17212	2.53922
radius_1(321)	3.41288	3.08826	3.77606	3.98145	3.0111	2.96985	2.63689
radius_1(322)	3.60071	2.52903		4.47388	3.16682	3.85135	
radius_1(323)	4.38531	3.12156	4.65771	4.00549	3.23303	3.08093	3.03079
radius_1(324)	3.99927	3.3013	4.20823	3.58813	3.59436	3.54297	2.91492
radius_1(325)	4.22255	2.90689	4.36308	3.72913	3.5282	3.97134	2.46378
radius_1(326)	5.02728	2.24538	4.36176	4.08435	3.83531	3.19176	2.73292
radius_1(327)	3.62531	2.3886	4.10498	3.95184	3.13465	3.42658	3.14789
radius_1(328)	3.88352	2.87241	4.73723	4.26974	2.99817	2.95432	4.26013
radius_1(329)	3.87653	3.10844	4.2173	4.77911	2.69828	3.52914	3.23865
radius_1(330)	4.6473	2.73145	4.00134	4.86826	4.31934	3.07687	4.97429
radius_1(331)	3.24316	3.62729	4.06565	3.66098	3.23157	3.38155	3.79584
radius_1(332)	4.3374	3.10451		4.0827	3.02026	4.3215	
radius_1(333)	4.79663	2.65264	4.52911	4.04712	2.97737	3.39174	5.2492
radius_1(334)	4.14417	3.0062	4.01684	3.88184	3.01725	4.31839	3.53691
radius_1(335)	3.14674	2.29305	4.11692	3.67804	3.86035	3.67316	3.24974
radius_1(336)	3.92773	2.49618	4.95705	3.77467	4.42102	4.13013	3.70958
radius_1(337)	3.63995	2.6302	3.13507	4.05365	4	3.83453	4.21888
radius_1(338)	3.59982	3.1784		3.34105	3.15393	4.4093	
radius_1(339)	3.8311	3.08345	4.93383	5.67483	2.39343	3.70514	3.61668
radius_1(340)	3.67713	3.95911	4.24674	3.34149	3.33362	4.22977	3.81123
radius_1(341)	3.72379	3.58899	4.04357	3.77916	4.1095	4.08902	4.10221
radius_1(342)	3.43265	3.04419	3.94844	5.07373	3.84602	3.65964	3.29493
radius_1(343)	3.55658	2.56253	4.12094	3.86562	4.38	3.61113	4.04777
radius_1(344)	3.3963	2.82787	4.86247	4.77329	4.05116	2.94109	3.89896
radius_1(345)	3.43246	4.27271	4.05738	3.57603	2.84828	4.04013	4.19843
radius_1(346)	4.0754	3.96728	4.74984	3.48539	3.19813	5.43988	3.77922
radius_1(347)	3.88398	4.8422	4.94478	2.92502	3.91802	3.08665	4.06081
radius_1(348)	3.5301	4.15807	4.17734	4.72126	4.04468	3.8492	3.6762
radius_1(349)	3.71325	2.99886	4.88754	4.15373	3.54764	3.94775	3.52852
radius_1(350)	3.57647	3.03082	4.17514	4.01988	3.74723	3.74313	3.71411
radius_1(351)	3.384	3.25968	3.49527	3.2664	4.05015	4.25129	4.29601
radius_1(352)	4.05508	3.46936	3.99909	3.97552	4.07048	4.69863	3.48836
radius_1(353)	4.34653	2.71032	4.20154	4.93063	3.56566	3.39198	3.7498
radius_1(354)	3.9841	3.01621	4.10303	3.27525	3.90931	4.04993	4.7612
radius_1(355)	3.31052	3.2967	3.53945	3.9079	3.43245	3.90723	3.84548
radius_1(356)	3.44193	4.01514	3.19995	3.17605	4.21731	3.33216	4.21812
radius_1(357)	3.63446	3.62434	3.19995	3.63325	3.40559	3.78574	4.30237
radius_1(358)	3.97552	3.14761	3.68701	3.4148	4.12724	3.5662	4.68408

radius_1(359)	3.64154	3.46714	3.10742	4.00483	3.44833	5.27741	4.13111
radius_2(0)	5.20993	3.53011	4.75378	4.25659	3.89285	4.69573	4.9923
radius_2(1)	4.76281	3.85519	4.83406	4.09045	3.79099	4.05459	5.17365
radius_2(2)	4.98071	4.33615	4.96146	4.19434	3.76539	4.24924	5.15253
radius_2(3)	3.97559	4.80948	4.2924	4.77739	3.73829	4.08842	5.17328
radius_2(4)	5.21691	3.65232	5.00425	4.07159	3.58718	4.04653	5.22382
radius_2(5)	4.0669	3.31537	5.00261	3.4333	3.85147	5.29871	5.21143
radius_2(6)	4.73403	3.42839	4.41211	3.95715	3.45724	3.67609	5.06239
radius_2(7)	4.79199	4.05043	4.80128	3	3.80151	4.20004	4.98303
radius_2(8)	4.95344	3.45089	4.89467	4.24226	3.97552	4.07291	5.22382
radius_2(9)	4.92714	3.74045	4.93107	4.11017	4.19539	4.02918	4.49654
radius_2(10)	4.65741	3.9223	4.92079	3.80182	4.52917	4.02075	4.36728
radius_2(11)	4.872	4	4.48975	3.99103	4.48792	4.35461	4.04885
radius_2(12)	4.16132	3.9022	4.24817	3.90933	4.13885	3.34958	4.10974
radius_2(13)	4.52589	3.13788	4.33014	3.90472	4.71653	3.99573	4.19879
radius_2(14)	4.44452	3.90472	4.57992	3.9845	3.98029	4.32876	3.96827
radius_2(15)	4.36663	4.20001	4.18263	3.63093	4.19197	3.79236	3.73875
radius_2(16)	4.2732	4.20001	5.4689	3.24878	4.45514	4.25659	3.92953
radius_2(17)	3.48665	4.24817	5.1145	3.78782	4.14612	4.26061	3.89075
radius_2(18)	3.26404	4.25311	4.78674	3.62359	5.26312	4.13782	4.37493
radius_2(19)	4.28479	4.06591	5.39921	3.76612	3.90733	4.0387	4.53465
radius_2(20)	5.9126	4.24519	4.88842	3.8726	3.52429	3.64388	3.85201
radius_2(21)	5.48388	4.10573	5.04182	3.67101	3.94157	3.32493	3.6936
radius_2(22)	5.57715	4.8002	4.68192	4.53479	3.31367	3.83094	3.53504
radius_2(23)	5.05329	3.91142	4.67534	4.29068	3.59528	4.0639	3.72382
radius_2(24)	4.20117	3.6481	4.55002	3.24598	3.56006	3.24348	4.48315
radius_2(25)	4.03992	4.35187	4.88542	3.87285	3.12906	4.32838	4.91626
radius_2(26)	4.03992	4.35187	4.88542	3.87285	3.12906	4.32838	4.91626
radius_2(27)	4	4.13278	4.73731	3.72979	4.19202	4.54797	4.18999
radius_2(28)	4.59706	4.17906	4.70302	3.10237	4.2168	5.04492	4.46008
radius_2(29)	4.13892	3.99408	5.57007	3.97559	4.17024	5.34978	4.40006
radius_2(30)	5.64548	4.94975	4.65951	3.86746	4.19163	4.08335	4.76188
radius_2(31)	6.44376	4.30561	4.74957	3.25991	4.39292	3.69937	4.90967
radius_2(32)	4.88954	4.03821	4.91617	3.15393	3.9726	3.61109	4.88104
radius_2(33)			4.21222	3.54297	3.90472	4.23951	4.92851
radius_2(34)			4.9301	3.02602	5.09033	4.01978	5.61659
radius_2(35)			5.24524	3.7636	4.42941	4.61743	4.72484
radius_2(36)			5.00413	3.82946	4.08917	4.12857	3.9606
radius_2(37)			5.07488	3.76076	4.46449	5.4707	4.38088
radius_2(38)			4.23746	3.2066	3.59332	4.25659	4.92776
radius_2(39)			4.40436	4.18227	3.48487	4.04333	4.8295
radius_2(40)	6.46609	3.53277	4.84949	4.39337	3.42801	4.44026	4.07536
radius_2(41)	5.18555	3.98863	4.86462	3.45177	3.60191	4.33478	4.28645
radius_2(42)	5.52721	3.89887	4.60571	2.98056	5.62233	5.11926	4.02267
radius_2(43)	4.81272	3.59829	4.33496	2.87269	4.30614	6.48765	4.15251
radius_2(44)	4.03259	3.82526	4.78235	3.6455	3.30317	5.92395	3.56643
radius_2(45)	4.32874	3.65207	4.00452	3.17065	4.80029	6.81551	3.7334
radius_2(46)	4.22955	3.56922	4.97949	3.87319	3.09112	6.08671	4.10322
radius_2(47)	4.10132	3.77869	4.99695	3.24801	3.99731	6.08852	4.46401
radius_2(48)	3.91058	3.81551	4.80481	3.73367	3.76988	5.31642	4.89715

radius_2(49)	4.10065	3.90479	4.68225	4.12007	3.77606	4.61103	4.67694
radius_2(50)	3.87765	4.02075	4.73414	3.17028	5	4.75653	4.0191
radius_2(51)	3.52142	3.97559	4.36265	3.55383	4.79977	4.19736	3.48332
radius_2(52)	5.73273	4.84583	5.60932	3.67597	4.82886	4.31147	4.041
radius_2(53)	4.70447	4.58606	4.7444	4.18646	4.04421	4.44959	3.97913
radius_2(54)	4.45425	4.26543	5.23632	4.88057	4.90357	3.51198	4.3078
radius_2(55)	5.17841	3.52424	4.77111	3.94224	4.09381	4.38381	4.17621
radius_2(56)	5.32007	3.97559	4.62925	3.73055	4.10315	4.10376	3.90472
radius_2(57)	4.4082	3.90059	4.45813	3.53336	3.7655	4.01063	4.7925
radius_2(58)	3.68849	4.13217	4.36121	4.23663	3.90479	4.06091	4.83295
radius_2(59)	4.46685	4.35667	3.23949	4.00277	4.89844	4.25659	4.09052
radius_2(60)	3.55159	4.1218	3.8688	4.04272	4.25659	4.11902	4.05292
radius_2(61)	3.24745	4.38568	3.9878	4.16427	3.71957	3.4342	4.87344
radius_2(62)	3.79811	5.07483	4.11902	4.79034	4.19629	3.56335	4.93835
radius_2(63)	4.44554	3.8938	4.2343	4.18241	4.4596	3.54077	4.86403
radius_2(64)	4.07337	3.98718	3.16626	3.76846	3.24179	3.96299	3.79173
radius_2(65)	3.86406	3.94979	3.80164	3.70129	3.77049	3.06519	3.0563
radius_2(66)	3.11462	4.80007	4.96787	3.64222	3.90888	3.48523	5.40833
radius_2(67)	3.33397	4.17419	3.69621	3.50215	4.45468	4.19995	4.98515
radius_2(68)	4.24072	3.99117	2.77741	3.89862	4.71169	3.32125	4.33246
radius_2(69)	3.97559	4.76814	3.56274	4.11908	3.52843	4.05945	4.42699
radius_2(70)	4.25659	5.27224	4.17883	3.52512	3.91443	3.68604	4.47158
radius_2(71)	4.02075	4.26382	3.77279	3.5379	4.22375	4.99577	4.63507
radius_2(72)	4.27954	4.0636	3.92112	3.31591	4.21887	3.6717	4.86218
radius_2(73)	4.07327	3.86593	3.56074	4.0736	4.14187	5.37294	4.84096
radius_2(74)	4.49715	3.26493	4.86377	4.21341	4.41755	4.71946	6.09863
radius_2(75)	6.06055	4.4413	4.25659	3.71012	3.97107	4.17704	6.49309
radius_2(76)	6.4869	3.78754	4.1056	3.96439	3.86958	3.45601	6.13692
radius_2(77)	4.39802	3.87813	4.91199	4	3.70541	4.20594	4.74772
radius_2(78)	4.99702	4.04022	4.60168	3.05451	4.14436	4.66733	4.53853
radius_2(79)	3.88618	4.05994	4.39625	3.12866	4.15895	5.11334	3.97143
radius_2(80)	4.74756	4.45996	3.80383	3.49235	4.45669	4.1697	3.90949
radius_2(81)	4.81934	4.25125	4.19913	3.02532	4.14386	4.30528	3.52297
radius_2(82)	4.44869	4.229	4.08921	3.97455	4.67647	3.73816	3.66809
radius_2(83)	4.24479	4.2586	4.59909	3.94935	4.24264	3.94709	4.42615
radius_2(84)	4.93965	3.90182	4.42132	3.6348	4.47762	4.22736	4.22261
radius_2(85)	4.50502	4.29642	4.78566	2.8554	4.70337	3.97315	4.01575
radius_2(86)	4.66496	4.14506	3.72852	3.76276	3.9874	3.66348	5.06091
radius_2(87)	4.26125	4.19605	4.54173	3.93633	4.16491	4.56551	4.37872
radius_2(88)			4.17837	4.50089	4.27954	4.40185	4.40916
radius_2(89)			4.96642	3.99384	4.252	3.19798	4.9251
radius_2(90)			4.82843	3.41401	4.54376	4.72169	4.28235
radius_2(91)			4.24011	3.33544	5.63722	4.18222	3.87769
radius_2(92)			4.02222	3.26511	5.25846	4.02362	4.11598
radius_2(93)			4.24341	3.97552	5.43314	4.14722	4.22759
radius_2(94)			3.3504	4.01685	4.90637	5.70276	4.13573
radius_2(95)			3.86148	3.99231	4.07423	5.1884	4.38122
radius_2(96)	4.91721	4.88455	4.06781	4.23584	5.26398	4.86077	4.91794
radius_2(97)	5.15299	4.60134	3.63933		4.38818		4.84546
radius_2(98)	4.50923	4.50713	3.55681		4.46474		4.2439

radius_2(99)	4.2796	4.16846	3.71058	5.37309	3.73272	4.37671	5.31317
radius_2(100)	4.3923	5.05627	3.75176	4.22187	4.2845	3.42034	6.71026
radius_2(101)	4.52954	4.27954	4.19646	4.27232	4.17632	4.47649	6.59682
radius_2(102)	4.74209	4.28577	3.52058	4.42227	4.13941	3.12885	5.58156
radius_2(103)	4.78872	4.25659	3.5184	4.11902	5.00629	3.93158	6.06397
radius_2(104)	3.97559	4.25659	3.68538		4.16183		5.62404
radius_2(105)	4.27075	4.25659	4.16224	3.36503	5.31582	3.98071	5.16947
radius_2(106)	4.28406	4.01379	4.72565	2.90414	4.85268	3.97387	4.92712
radius_2(107)	3.83557	4.24561	4.39123	4.23499	4.51182		4.00291
radius_2(108)	3.98317	4.24561	4.01178	4	4.66652	4.26624	4.53156
radius_2(109)	3.07322	4.75335	4.63715	4.25659	4.22426	3.6062	5.07355
radius_2(110)	3.4108	5.06848	4.29218	4.30002	4.17635	4.91309	4.68823
radius_2(111)	3.75403	4.34758	3.94769	3.97353	4.91514	5.15247	4.89734
radius_2(112)	4.81324	4.51599	4.11432	3.96343	3.97552	4.69378	4.23634
radius_2(113)	3.19788	4.17725	4.21705	3.69389	3.51886	3.73143	4.65139
radius_2(114)	3.92175	3.84033	3.7677	4.06781	3.48654	4.44205	5.19129
radius_2(115)	4.44141	4.18518	4.18942	4.15294	3.64153	4.01184	5.23146
radius_2(116)	3.35498	4.84704	4.97879	4.47927	5.27137	4.27821	3.67301
radius_2(117)	3.79211	4.33023	3.91239	4.22843	4.99239	3.91519	3.08979
radius_2(118)	4.33575	4.19634	4.04333	3.90479	3.67429	4.19177	3.49671
radius_2(119)	3.34106	4.10048	4.05649	4.25659	5.26618	4.42971	4.59759
radius_2(120)	3.52497	4.89398	4.04109	3.97534	5.59619	3.74411	4.70502
radius_2(121)	4.23148	4.59628	4.02539	3.79921	5.44115	4.42512	5.15452
radius_2(122)	3.11684	3.95166		4.11902	4.52832	4.89221	4.44138
radius_2(123)	2.97944	4.22353	6.56461	3.83687	4.08923	5.8843	3.85323
radius_2(124)	3.70869	4.94979	3.61961	3.16541	3.11816	3.04358	4.80194
radius_2(125)	3.59962	4.86434	3.77057	3.29111	3.43568	5.02258	3.91116
radius_2(126)	4.29598	4.27958	3.90803	3.60706	3.43848	4.39331	6.29474
radius_2(127)	3.63743	4.18519	3.39812	3.72068	3.26566	4.77817	7.68105
radius_2(128)	5.10748	3.80307	4.51982	4.27113	4.0498	4.20787	4.06242
radius_2(129)	6.63273	4.09228	4.08093	2.9176	3.65396	4.34913	3.66458
radius_2(130)	4.87098	4.64935	3.69761	4.19995	3.61926	4.3549	3.62329
radius_2(131)	4.75692	4.15835	5.95625	3.90479	3.52209	4.1945	3.94287
radius_2(132)	4.94814	4.43553	3.72689	3.97402	3.34298	4.48147	3.92705
radius_2(133)	4.25389	4.15763	3.95032	4.03979	3.64986	3.85367	3.99048
radius_2(134)	3.90796	4.13647	4.43115	3.97559	5.30647	6.23572	4.49548
radius_2(135)	4.08966	4.13405	5.01013	3.70983	3.96609	4.61231	3.68206
radius_2(136)	3.6521	4.83604	5.25116	3.81168	4.25208	3.99761	4.05218
radius_2(137)	3.96985	4.25303	4.03107	3.87765	3.90479	3.95867	4.4314
radius_2(138)	4.02124	3.86585	4.06501	4.2227	3.13287	4.99085	4.58523
radius_2(139)	3.9939	3.52435	4.23671	4.17432	4.0437	4.14127	4.92433
radius_2(140)	3.39697	3.84033	4.54547	4.24704	4.86651	4.27954	4.9497
radius_2(141)	3.48841	3.99573	4.65003	3.20185	4.16352	4.76526	4.17454
radius_2(142)	3.90479	3.8394	4.35569	3.98906	4.49701	5.10446	4.17454
radius_2(143)	3.05493	4	4.04163	3.97595	3.578	4.4675	4.12396
radius_2(144)	3	4.19995	5.65202	4.64244	3.48264	4.27954	4.1665
radius_2(145)	3.97412	3.76868	4.91121	4	4.43396	4.04199	4.84929
radius_2(146)	3.74536	3.90454	4.84811	3.50635	4.74878	4.50873	4.77983
radius_2(147)	3.97559	4.10011	4.92502	3.46827	6.67734	3.96643	4.87452
radius_2(148)	4.04369	3.90479	4.68566	4.28394	6.16811	4.11908	4.83929

radius_2(149)	3.97559	3.97559	5.29605	3.55807	5.0422	4.20276	4.86369
radius_2(150)	3.90479	4.11157	5.62631	4.07971	4.14119	4.21054	4.2163
radius_2(151)	4.39277	3.62366	4.10486	4.66179	4.21686	4.75858	4.32119
radius_2(152)	4.16305	3.44154	5.46972	5.18976	4.17727	4.42822	4.8125
radius_2(153)	4.21265	3.9845	4.8623	4.56435	3.93963	3.99443	4.2654
radius_2(154)	5.85555	4.12207	6.91565	4.1649	4.73524	4.74311	4.42483
radius_2(155)	6.88903	3.11934	5.85901	4.29778	4.12812	4.21834	4.19495
radius_2(156)	7.26673	4.1429	5.56057	4.22937	3.78152	4.44406	4.76021
radius_2(157)	6.0077	3.97559	5.35769	3.99829	3.76332	4.11401	4.62319
radius_2(158)	5.95104	3.94629	4.4133	3.58715	4.08857	5.0062	4.66917
radius_2(159)	5.06239	4.41181	3.9047	3.84022	4.28914	3.46439	4.05749
radius_2(160)	4.48506	4.38131	3.72319	4.27985	4.348	3.97379	3.64624
radius_2(161)	4.54846	3.62328	4.04456	4.27487	4.19417	5.06798	4.27954
radius_2(162)	3.66504	4.23608	4.86265	4.75758	4.047	5.19532	4.62871
radius_2(163)	4.32922	5.16504	4.75739	4.38052	4.32939	6.18407	4.94573
radius_2(164)	3.36078	3.9845	3.9845	4.25061	3.99626	5.09314	5.15963
radius_2(165)	4.36011	4.21325	5.20691	4.02075	4.45457	9.08582	5.50623
radius_2(166)	3.63432	4.37292	4.19415	3.94324	4.15501	7.50257	5.45578
radius_2(167)	3.77934	3.69757	4.83765	3.69634	4.14105		5.64853
radius_2(168)	3.51716	4.15124	4.25213	3.16931	4.08529	4.12514	5.62972
radius_2(169)	3.56805	3.17382	4.27646	3.73024	4.47561	5.79872	5.65816
radius_2(170)	4.24817	3.52893	4.36357	3.74356	3.92814	3.30562	4.55632
radius_2(171)	4.11902	3.82295	4.67724	4.17663	4.91414	4.43909	4.51099
radius_2(172)	4.19861	3.41261	4.80769	3.17628	4.13094	3.23816	3.92637
radius_2(173)	4.19995	3.28228	4.80619	3.90937	4.23379	4.11902	4.3338
radius_2(174)	4.25403	4.28143	4.76427	3.72879	4.68316	4.11023	4.20978
radius_2(175)	4.27246	4.05951	4.11708	3.83432	4.51949	4.11902	4.95337
radius_2(176)	3.77209	3.60124	4.71826	3.75294	4.63307	3.87024	4.00598
radius_2(177)	3.60254	3.60699	4.91153	3.73432	4.77591	3.92769	4.23181
radius_2(178)	4.25659	4.03546	5.04002	3.74002	4.11638	3.25391	4.11975
radius_2(179)	3.37305	4.06622	4.76878	4.12183	4.83385	3.55396	4.30349
radius_2(180)	4.41709	4.20486	4.76222	3.21851	4.23938	3.33841	5.14191
radius_2(181)	4.90401	4.13885	4.80504	3.88896	4.31528	4.25659	4.7728
radius_2(182)	5.25116	4.17648	4.62399	3.00396	4.82943	3.76934	4.84929
radius_2(183)	4.83599	4.22736	4.34363	4.09082	4.87974	3.81311	4.6908
radius_2(184)	4.76923	4.10663	4.00235	3.21423	4.25999	3.17969	5.17108
radius_2(185)	4.33057	4.45795	4.55469	3.36523	4.83262	4.22515	4.35327
radius_2(186)			4.4161	3.92404	4.19398	3.28139	4.84055
radius_2(187)			4.85577	3.22568	4.92471	4.0124	5.74008
radius_2(188)			4.54754	3.97559	4.85968	4.39584	7.02368
radius_2(189)	4.32234	4.09227	4.91937	3.9845	4.89183	4.09755	6.1875
radius_2(190)	4.19873	4.41464	4.89912	3.9845	4.9497	6.07572	5.29164
radius_2(191)	5.26337	4.12627	4.18505	4.02075	4.33723	4.13386	5.84315
radius_2(192)	4.72772	4.3319	5.59198	3.45593	3.82329	4.03993	6.41882
radius_2(193)	4.15175	4.7465	4.78005	3.60502	4.89453	4.0434	5.104
radius_2(194)	4.12153	4.18304	4.85672	4.34117	4.80302	4.49097	4.77858
radius_2(195)	4.0736	4.16343	4.55372	3.6767	5.00314	4.17824	4.66132
radius_2(196)	4.03992	4.50932	4.56133	4.40926	4.45062	4.91931	4.30812
radius_2(197)	4.33409	4.8876	4.78369	3.78499	4.03601	5.47276	4.37397
radius_2(198)	4.03699	4.21735	4.47048	3.92577	4.41388	6.37114	5.4729

radius_2(199)	4.50146	3.97277	3.99863	3.96958	4.95296	4.21062	7.67129
radius_2(200)	4.40063	3.98114	3.97361	3.5749	3.97418	3.78749	6.13397
radius_2(201)	4.51111	4.14834	4.75661	5.27954	4.19105	4.04878	4.08453
radius_2(202)	4.11646	4.16526	5.58724	4.2478	4.15579	3.15918	4.89484
radius_2(203)	3.9845	4.1666	5.21985	4.91602	4.18542	3.98557	3.90095
radius_2(204)	4.08081	4.0278	5.62168	4.84863	3.91614	4.1741	4.5965
radius_2(205)	3.8228	3.55332	4.21267	4.24817	5.14789	3.81967	5.77428
radius_2(206)	4.11902	4.036	4.525	4.44321	4.7213	4.23593	6.47371
radius_2(207)	3.97559	4.04709	3.90479	5.06252	4.39662	3.53141	5.15857
radius_2(208)	4.1262	4.24817	5.21606	4.14722	4.22286	5.25241	4.44399
radius_2(209)	4.11304	4.84027	4.61026	5.03571	4.93611		4.37402
radius_2(210)	5.8172	4.4599	3.84375	4.91931	4.73456	4.48022	3.94678
radius_2(211)	5.875	4.49033	4.22989	4.47838	4.87968	4.02457	4.01019
radius_2(212)	6.72459	4.24707	3.05445	4.14302	4.80476	5.17914	4.07843
radius_2(213)	3.3516	3.90472	3.90762	4.48867	4.19309	4.00157	4.09802
radius_2(214)	3.72072	4.02118	3.4146	4.46361	4.11646	7.01069	3.79012
radius_2(215)	3.02475	4.5412	3.90758	4.44721	5.29358	7.3722	3.84777
radius_2(216)	4.32922	4.29041	3.78823	4.56909	4	4.86895	4.20001
radius_2(217)	3.88684	4.03621	3.74753	6.32426	4.34033	4.80199	4.46851
radius_2(218)	3.87622	4.25659	4.25432	6.17825	3.93382	5.224	4.37585
radius_2(219)	5.10193	4.14191	4.39223	5.52112	4.38931	4.21423	4.20001
radius_2(220)	4.02533	4.37518	3.76095	5.28225	3.97559	5.4532	4.22937
radius_2(221)	4.01703	3.26811	3.74455	5.15601	3.25096	4.65096	4.18182
radius_2(222)	4.86783	4.27954	3.68447	4.37505	3.94104	5.69843	4.10498
radius_2(223)	3.873	4.3623	4.24378	4.28036	4.32922	4.56339	4.02332
radius_2(224)	4.01929	4.17407	3.95314	4.02374	3.49305	4.25789	4.48067
radius_2(225)	4.26711	3.88086	4.13781	4.21741	3.39747	6.11798	3.97552
radius_2(226)	4.39956	3.9845	3.94141	4.65564	3.9845	4.74138	4.24817
radius_2(227)	4.83396	3.64008	3.52026	4.59292	3.75444	4.88745	4.81769
radius_2(228)	4.13222	3.12598	4.44879	4.77233	4.23677	4.36528	4.83525
radius_2(229)	4.86148	3.37355	4.20001	4.8165	4.17913	6.26222	4.4651
radius_2(230)	4.3537	4.04982	4.16884	4.25584	3.81713	3.4391	3.87109
radius_2(231)	4.79524	3.60911	3.40036	5.13013	3.59192	5.01982	3.43112
radius_2(232)	4.09646	3.72562	3.78704	4.04783	4.04248	4.27618	3.15246
radius_2(233)	4.12682	3.80048	5.12873	3.9845	4.12683	4.94611	3.45081
radius_2(234)	4.12547	4.19836	4.95447	4.2416	3.33545	6.37087	3.65422
radius_2(235)	4.10988	3.76361	4.94263	4.42651	3.98439	4.22898	3.94593
radius_2(236)	4.8765	3.66548	4.45258	5.17334	3.66104	4.80698	3.94678
radius_2(237)	3.96483	3.79659	4.31126	4.32898	4.2858	5.31718	3.97552
radius_2(238)	4.03354	3.93298	4.14223	3.92455	4.04242	4.4402	4.97994
radius_2(239)	4.15943	4.16223	4.54901	4.00024	2.94723	4.53954	3.93076
radius_2(240)	4.88359	3.73799	4.1048	4.03381	3.5177	6.63317	4.36786
radius_2(241)	4.76175	3.8141	4.12427	4.33093	3.8527	4.01808	4.54847
radius_2(242)	4.22925	3.11463	4.2614	5.00171	4.90582	4.80624	4.23047
radius_2(243)	4.86671	3.74121	5.24048	4.76521	5.36523	4.36798	4.31506
radius_2(244)	3.98169	4.04309	5.94482	5.39324	4.11564	4.54404	4.04658
radius_2(245)	4.29236	3.92332	5.39998	6.26137	3.955	5.32144	3.90399
radius_2(246)	4.96339	3.40386	4.88904	4.56665	4.19281	3.30455	4.31936
radius_2(247)	4.17773	4.24817	4.80359	4.91259	4.30927	4.29916	4.46548
radius_2(248)	3.84113	3.09063	3.17099	5.40637	4.81104	3.77621	4.29359

radius_2(249)	3.68949	3.73078	3.76803	5.19034	5.60669	3.98895	3.66308
radius_2(250)	3.30212	3.97559	4.22839	5.15024	4.22815	3.97552	4.29102
radius_2(251)	3.87897	3.36938	3.45038	5.0152	4.9303	3.97552	3.86437
radius_2(252)	4.27808	4.09491	3.80994	4.48556	4.90852	4.34982	4.10333
radius_2(253)	4.22937	3.62054	6.02847	5.19104	4.46413	3.97552	4.47272
radius_2(254)	3.45062	3.12939	6.73948	4.43836	4.92859	5.47812	3.24942
radius_2(255)	5.36074	3.17004	5.5345	4.6085	3.00652	3.98447	3.528
radius_2(256)	4.19824	3.77679	6.15519	4.26868	3.56961	5.18496	4.073
radius_2(257)	4.31262	3.94014	4.78687	5.22388	3.72707	3.28851	4.22937
radius_2(258)	3.9845	2.90417	5.01416	4.90909	3.59998	3.14699	4.23433
radius_2(259)	4.25659	2.73335	3.98126	4.49619	3.6979	3.44807	4.21637
radius_2(260)	4.89301	3.66253	4.00934	4.3031	3.77583	3.00143	3.99438
radius_2(261)	3.95306	3.66303	4.1936	5.26135	4.15012	4.19098	4.116
radius_2(262)	4.25494	3.02346	4.8775	5.27889	3.15405	3.85544	4.26125
radius_2(263)	5.38948	3.61779	5.12635	4.8844	3.74533	3.59226	4.25521
radius_2(264)	3.93427	3.77955	5.13287	4.02197	3.32022	3.70722	4.20495
radius_2(265)	4.05215	3.66476	4.36528	3.97559	3.93626	3.20219	4.35028
radius_2(266)	4.53156	3.6482	4.27954	5.92993	3.85926	2.95755	4.23737
radius_2(267)	3.84619	2.94116	4.1092	6.91845	5.09668	3.51232	4.44324
radius_2(268)	4.05591	3.26465	4.3053	5.33536	4.57355	3.55895	4.16375
radius_2(269)	3.51005	4.3152	4.95212	5.03636	4.89071	4.35345	4.35192
radius_2(270)	4.31506	3.74956	5.20673	4.98724	4.17177	3.8764	4.26097
radius_2(271)	3.90472	3.09614	4.23511	4.27401	5.55578	3.25226	4.50139
radius_2(272)	4.25659	3.68948	5.04815	4.44574	4.25857	3.28017	4.91882
radius_2(273)	4.20001	3.5424	3.86977	4.12117	4.32483	3.65548	4.7699
radius_2(274)	3.57936	2.93141	5.20062	5.29358	6.94346	3.08888	4.87936
radius_2(275)	4.28817	3.05889	4.35874	4.38135	5.13239	3.76738	4.67924
radius_2(276)	4.02776	3.17403	4.3096	5.10852	5.25684	3.30719	4.91126
radius_2(277)	3.98535	3.25767	4.60355	4.17812	3.98312	4.02346	4.76811
radius_2(278)	4.83044	2.76297	5.62546	4.36681	5.02631	3.06004	4.53182
radius_2(279)	3.61495	3.6411	4.31545	4.22752	4.28087	4.16109	5.17371
radius_2(280)	4.61667	2.76822	4.73299	5.12037	4.3606	3.28131	4.24187
radius_2(281)	3.5369	4.00471	4.35374	5.48824	4.62628	3.40511	3.91913
radius_2(282)	4.11908	3.57597	4.01553	5.1368	4.07166	4.84425	4.18369
radius_2(283)	4.38953	3.33099	4.0935	4.93481	4.13182	4.54769	4.11438
radius_2(284)	3.78004		4.91155	5.03233		4.50997	4.04187
radius_2(285)	4.22937		4.93761	5.57381		4.25057	4.28793
radius_2(286)	4.25659		4.84801	5.00033		4.33688	3.45407
radius_2(287)	4.31573		5.1828	5.63826		5.75289	3.97552
radius_2(288)	3.90472	3.88473	4.84938	4.7198	4.4006	6.41992	4.5438
radius_2(289)	3.97552	3.17148	4.95825	4.66292	5.82268	4.36254	5.20587
radius_2(290)	4.43958	3.5306	4.80054	4.17896	5.32184	3.52818	4.22937
radius_2(291)	4.18671	3.31264	4.45513	4.41968	4.74762	3.37048	3.90472
radius_2(292)	3.89233	3.32458	4.94364	4.15181	5.4618	2.92993	5.22382
radius_2(293)	4.17822	3.89331	4.10954	4.58704	4.45602	4.12292	4.22858
radius_2(294)	3.30481	3.97546	4.30394	5.16821	3.65283	4.23438	4.20001
radius_2(295)	4.07611	3.47108	4.88143	5.49624	4.77944	3.35413	4.20001
radius_2(296)	3.51923	3.97766	4.72275	4.44532	4.57177	4.3894	4.20001
radius_2(297)	4.40423	4.30811	4.77668	5.5134	4.77915	3.78577	3.97552
radius_2(298)	3.9733	4.25842	4.22197	4.41839	4.28516	3.97559	5.08258

radius_2(299)	4.23297	3.96753	4.28106	5.02108	4.20886	3.88685	4.56293
radius_2(300)	3.5449	4.20864	4.93473	4.82507	3.68993	4.1164	4.11566
radius_2(301)	3.56957	4.38536		5.01135	4.97949	4.34873	
radius_2(302)	3.60997	4.16663		4.32668	5.98926	3.63171	
radius_2(303)	3.73389	3.83574		4.29931	6.58536	3.9845	
radius_2(304)	4.04595	3.36157		4.09521	5.92111	3.26851	
radius_2(305)	4.04295	4.37316		4.3285	4.70398	4.25549	
radius_2(306)	4.23394	3.80588		4.02102	5.49707	3.93081	
radius_2(307)	3.66466	4.2475		4.37549		4.23466	
radius_2(308)	3.78556	4.51447		4.99237		4.84468	
radius_2(309)	3.45677	3.91284		5.43762		4.25391	
radius_2(310)	3.57269	4.01941				3.96879	
radius_2(311)	4.44165	4.13373		4.31372		5.64111	
radius_2(312)	4.20112	4.24973		4.54045	5.16091	5.28726	
radius_2(313)	3.83423	4.13362		3.90472	4.68066	4.02955	
radius_2(314)	3.2722	4.18357	3.88	3.89471	4.85098	2.8894	4.24662
radius_2(315)	3.81839	3.81847	4.18274	4.36725	4.94102	4.02112	4.59839
radius_2(316)	3.98206	4.26514	4.37738	4.89862	4.64312	3.76494	4.20427
radius_2(317)	3.26438	3.90479	4.02112	4.5896	3.62754	3.90479	4.1839
radius_2(318)	3.90472	3.48707	4.07233	3.8689	3.74421	3.67688	4.42959
radius_2(319)	4.30147	3.90479	4.38422	4.16906	3.56964	4.06185	3.5029
radius_2(320)	3.68762	3.35901	5.17328	5.02302	3.18858	4.13477	3.65787
radius_2(321)	4.85149	3.23053	3.88654	4.95327	3.83247	3.08582	3.78956
radius_2(322)	3.66528	3.92741		4.03087	3.74341	4.33846	
radius_2(323)	4.27826	2.93605	4.97949	4.21752	3.73005	3.65693	3.68882
radius_2(324)	3.69415	2.88358	3.97552	4.24817	4.23535	4.2937	3.04326
radius_2(325)	4.19803	3.6767	3.8855	4.15942	3.57825	4.28577	3.60518
radius_2(326)	5.19618	3.15424	3.96604	3.81191	3.92185	3.72595	3.7483
radius_2(327)	6.89889	2.8136	3.99534	4.02029	3.59691	3.3053	3.61766
radius_2(328)	4.39869	3.85102	4.28796	3.63756	3.17621	2.80077	4.82567
radius_2(329)	4.3543	3.91395	4.70776	4.44401	3.15909	4.0365	5.99841
radius_2(330)	4.61363	3.42801	4.51245	4.79904	3.57764	3.34417	3.98328
radius_2(331)	4.17197	3.57957	4.52143	4.7908	3.39332	4.10981	3.67821
radius_2(332)	4.94975	3.43073		4.8938	3.2024	3.30205	
radius_2(333)	4.15637	3.78874	4.18269	4.62896	4.02075	4.02413	5.12091
radius_2(334)	4.94694	3.76574	4.30573	4.37601	3.12634	3.94675	4.81328
radius_2(335)	4.42218	3.10197	4.48697	3.91744	3.74943	4.22046	4.5968
radius_2(336)	4.4642	3.60498	4.08733	3.64528	3.63816	3.93512	3.89746
radius_2(337)	4.93597	3.66485	4.28781	4.46196	3.95413	3.98447	5.44629
radius_2(338)	4.59468	3.125		4.26366	4.25659	4.02479	
radius_2(339)	4.2506	3.80244	5.32773	4.83801	4.03711	3.69714	4.05234
radius_2(340)	5.19971	3.70825	4.3802	3.94733	4.45947	4.03629	4.87637
radius_2(341)	4.30256	3.69604	4.93466	4.26275	3.09052	4.14431	4.87133
radius_2(342)	4.31109	4.13208	4.12397	4.46448	4.22937	3.43204	4.71416
radius_2(343)	4.68756	4.45288	4.25677	4.17166	4.07764	3.70557	4.94884
radius_2(344)	4.80061	5.23157	5.11674	4.20768	3.82324	3.57005	4.2702
radius_2(345)	4.09392	5.06421	4.29439	4.31677	3.66881	4.64727	4.6272
radius_2(346)	4.29105	4.70074	4.66335	3.87687	4.47852	4.22379	4.6974
radius_2(347)	4.03225	3.57312	4.87208	3.72578	3.9629	4.23161	4.67682
radius_2(348)	4.20609	3.98018	4.74172	3.83233	4.31346	4.63195	5.38806

radius_2(349)	4.15263	3.54615	4.68842	4.35244	3.65437	4.30591	4.13006
radius_2(350)	4.12771	4.05667	3.95758	4.31763	4.19402	4.06269	4.07729
radius_2(351)	4.40985	3.00035	4.8044	3.7818	4.18708	4.72806	4.8703
radius_2(352)	4.1787	3.706	4.74884	3.65552	4.17255	3.71801	4.48765
radius_2(353)	4.38688	3.49617	4.83172	4.69226	4.40677	3.66468	4.55548
radius_2(354)	4.08093	3.12009	4.52805	3.97506	4.18718	4.42716	4.65589
radius_2(355)	4.23669	3.1853	4.2952	4.33582	4.07208	4.1588	4.12898
radius_2(356)	3.75568	3.24421	3.80924	3.89838	4.45356	4.14077	4.36882
radius_2(357)	3.81695	3.89021	4.53223	3.62337	4.17531	3.56192	4.25431
radius_2(358)	3.97552	3.33411	4.22937	3.90839	4.10311	4.40824	3.95456
radius_2(359)	3.888	3.97559	4	3.60838	3.66839	5.7594	4.66151
radius_3(0)	4.53236	2.78009	4.85247	3.51506	4.09839	3.48465	3.31239
radius_3(1)	3.12961	3.09179	5.02126	3.43298	4.76477	4.10039	3.75033
radius_3(2)	3.92059	3.27324	3.67071	3.485	4.47571	3.54736	3.76059
radius_3(3)	3.74318	3.34582	4.05689	4.96766	4.08037	3.60088	3.38741
radius_3(4)	3.44379	3.0355	4.91944	4.0871	3.75948	3.98358	3.83148
radius_3(5)	3.54926	2.84068	4.42551	3.16228	2.97901	2.9848	3.62966
radius_3(6)	3.12354	3.12648	4.9652	3.8638	3.02827	4.29647	3.39272
radius_3(7)	3.51919	3.95413	4.03614	3	2.99952	3.48603	3.3715
radius_3(8)	4.15956	4.26001	4.64801	2.92896	3.97552	3.87854	4.0461
radius_3(9)	4.69229	3.28839	4.91822	3.24005	4.17188	3.27734	3.15902
radius_3(10)	3.69396	3.17487	4.13128	3.75128	3.77303	4.19767	3.32479
radius_3(11)	4.64856	2.93326	4.29253	2.92719	4.26074	3.80273	3.82062
radius_3(12)	3.66125	3.38971	4.44422	4.04321	4.41974	3.37894	3.45608
radius_3(13)	4.16474	3.14778	4.62663	4.03394	5.0451	4.21893	3.20675
radius_3(14)	3.97075	3.27808	4.76861	2.97077	3.92905	3.83229	3.51544
radius_3(15)	4.10071	4.22937	4.96274	3.52699	4.71928	3.9032	3.92444
radius_3(16)	3.67594	3.53962	4.01369	2.87421	4.11157	3.84684	3.73376
radius_3(17)	4.02132	3.78874	4.17943	2.6693	3.84741	4.20065	3.70961
radius_3(18)	3.68508	3.6733	4.31257	3.04672	3.85437	3.51063	3.36476
radius_3(19)	3.31628	3.19069	4.59705	3.5168	4.21478	3.77295	3.52328
radius_3(20)	3.19843	3.97729	3.58586	3.00388	4.1145	3.49656	2.4657
radius_3(21)	2.58783	4.00773	3.48711	3.93772	2.9201	3.32404	2.79994
radius_3(22)	3.07931	3.31522	4.30396	2.99108	3.06952	2.70951	2.97888
radius_3(23)	3.94641	4.11619	4.15723	3.36786	2.73093	3.56854	2.74709
radius_3(24)	3.77454	3.57185	4.52066	3.2543	3.73985	3.02277	2.80274
radius_3(25)	3.37372	3.59465	4.09871	2.83624	3.32496	3.15984	3.46126
radius_3(26)	3.37372	3.59465	4.09871	2.83624	3.32496	3.15984	3.46126
radius_3(27)	4.13742	3.43293	4.80418	3.59082	3.56152	3.66829	3.66367
radius_3(28)	3.47019	3.69598	4.16629	2.97716	3.13623	3.98973	3.88977
radius_3(29)	4.08218	3.84911	4.85929	2.82129	2.96936	4.19141	4.42926
radius_3(30)	4.31665	4.11414	4.38525	3.46211	3.61874	4.52286	4.3481
radius_3(31)	3.85232	3.4978	4.21836	3.05237	4.20233	4.27954	3.57326
radius_3(32)	3.00526	3.29757	4.18948	3.16077	3.77726	3.53876	4.2653
radius_3(33)			4.59695	3.60528	4.17549	3.58793	4.10306
radius_3(34)			4.19866	2.60353	4.46222	3.31499	4.05248
radius_3(35)			4.28015	2.76339	4.88348	3.83075	3.19177
radius_3(36)			4.15091	3.09292	4.09674	4.086	3.78003
radius_3(37)			4.9213	2.95371	4.23263	2.99013	3.29474
radius_3(38)			4.90784	3.14206	3.58215	4.08606	4.09139

radius_3(39)			4.52947	3.34608	2.97111	4.35671	4.04795
radius_3(40)	2.88871	3.40393	4.56294	3.73784	3.38545	3.33644	4.12542
radius_3(41)	4.15684	2.88483	4.43872	2.94813	2.77405	4.19257	3.78773
radius_3(42)	4.73608	3.42932	4.02075	2.89567	4.5885	4.35724	3.28491
radius_3(43)	4.69385	3.67347	4.02075	2.94193	3.83046	2.88887	3.26401
radius_3(44)	4.53853	3.25128	4.25647	3.03335	3.09931	4.15507	3.42474
radius_3(45)	4.27838	2.70505	3.64384	2.60139	3.85083	3.76622	4.1106
radius_3(46)	4.83742	3.00143	3.99817	3.35791	4.71188	3.519	4.36741
radius_3(47)	4.25659	3.18516	3.90479	3.36881	3.83967	4.1908	3.27905
radius_3(48)	4.54934	3.74675	3.27459	2.8628	3.13965	3.62395	3.79951
radius_3(49)	4.7266	3.27009	3.95258	3.76029	3.6198	3.2041	3.12199
radius_3(50)	3.3573	3.08285	4.41919	3.08155	3.80299	4.38547	3.26549
radius_3(51)	3.9397	3.16256	3.28664	3.07855	3.08422	3.60303	3.32526
radius_3(52)	4.21613	3.9845	5.6068	2.3183	3.83527	3.66219	3.29325
radius_3(53)	3.31775	3.82277	3.65656	3.00183	3.89844	4.32166	3.76111
radius_3(54)	3.91135	3.90479	4.86701	3.78427	4.10004	4.18873	4.5802
radius_3(55)	4.60328	3.95154	3.39539	3.16917	3.55722	4.15477	3.44458
radius_3(56)	4.6095	3.90479	3.59092	3.47191	3.65215	4.1471	3.84503
radius_3(57)	4.39568	4.00073	4.64471	3.78984	4.18986	4.22732	3.97693
radius_3(58)	4.19509	3.97559	4.33008	3.71331	4.18243	3.53812	3.62598
radius_3(59)	3.67561	4.02112	4.35941	3.58118	5.09286	4.15555	3.36427
radius_3(60)	3.05872	3.7207	4.2038	3.42258	3.14165	4.25659	2.80877
radius_3(61)	3.44705	4.24512	3.64607	3.43072	3.3866	3.57068	2.93462
radius_3(62)	3.03938	3.64095	3.53076	3.80508	2.84982	4.2117	3.20009
radius_3(63)	3.95985	3.44824	3.88171	3.86334	3.15669	3.57284	3.44683
radius_3(64)	4.22681	3.46538	3.84632	4.0679	3.80238	3.86375	4.0213
radius_3(65)	3.57056	3.92029	2.98249	4.08839	3.22337	3.8445	4.02563
radius_3(66)	3.1087	3.56749	4.1718	3.45869	2.59448	3.49324	4.11207
radius_3(67)	3.519	3.88529	3.9845	3.04887	3.08947	4.15857	3.82918
radius_3(68)	3.9574	3.73165	3.9939	2.72787	4.00171	4.26648	4.0388
radius_3(69)	3.97583	3.63247	3.78805	2.85005	3.0769	3.82703	3.84546
radius_3(70)	3.67606	4.0387	4.17407	2.93986	4.01792	3.60303	3.43548
radius_3(71)	3.82556	4.95605	4.19714	2.96996	3.92957	4.55017	4.08455
radius_3(72)	3.16724	3.87573	4.19995	3.93811	4.15822	4.34703	3.84352
radius_3(73)	3.4405	4.25946	4.89161	4.22937	3.87183	2.86625	4.80977
radius_3(74)	4.30066	4.24817	5.22118	3.75864	2.91828	4.56226	1.87268
radius_3(75)	3.90877	3.91626	3.78179	4.23087	2.82182	3.04533	3.83752
radius_3(76)	4.69443	3.4667	3.74511	3.48589	3.00088	2.24719	3.12918
radius_3(77)	4.6687	3.06856	4.05658	3.49139	3.1216	3.23816	3.63383
radius_3(78)	4.94971	3.52975	4.04783	3.92138	4.22937	3.91115	4.07432
radius_3(79)	4.27075	3.58105	3.62207	3.13965	4	4.22608	3.29914
radius_3(80)	3.72137	3.47755	3.56423	4.41382	4.6372	3.97333	3.35268
radius_3(81)	3.60779	3.46515	3.94817	3.06187	3.7307	4.05827	4.00544
radius_3(82)	3.73303	2.94867	3.41862	3.54963	4.17808	4.18953	3.98914
radius_3(83)	4.77722	4.33038	3.94446	2.9743	4.24264	3.69808	3.53946
radius_3(84)	4.83972	3.96756	4	3.52317	3.07937	3.92508	2.59882
radius_3(85)	4.08667	3.55284	4.0188	3.25086	4.17665	3.18726	3.59961
radius_3(86)	4.08981	3.72923	4.22937	3.5042	4.31471	3.54097	2.33733
radius_3(87)	3.88403	4.26981	4.02873	3.62765	4.21416	4.41486	3.93695
radius_3(88)			3.01057	3.53747	4.26876	4.22272	3.16498

radius_3(89)			3.96216	3.17656	4.0855	3.44129	3.30199
radius_3(90)			4.11902	3.66557	4.32368	4.23349	3.60498
radius_3(91)			3.599	3.23957	3.91314	3.48906	3.46453
radius_3(92)			3.05517	2.97152	3.86017	3.65177	3.2959
radius_3(93)			4.17407	3.54733	4.10266	3.85911	3.08976
radius_3(94)			3.74304	3.57218	4.57074	5.82288	3.63245
radius_3(95)			4.03137	3.90631	4.00879	4.72675	3.42224
radius_3(96)	3.93658	4.05162	3.88417	4.17567	4.22266	3.94678	3.327
radius_3(97)	4.45565	4.6037	3.55076		4.3388		4.02075
radius_3(98)	4.07639	3.819	3.08815		3.7483		4.28509
radius_3(99)	3.51294	4.29245	3.6266	3.92029	4.21475	4.4968	4.32251
radius_3(100)	3.49627	3.86531	3.76885	4.02078	4.11184	4.30043	3.4941
radius_3(101)	3.74622	4.11394	3.37841	4.06128	3.74744	4.05188	4.48825
radius_3(102)	4.08563	4.51851	3.54667	4.08246	3.35461	3.13585	3.02009
radius_3(103)	4.09076	3.95969	3.53031	4.16819	4.78466	3.70361	3.61383
radius_3(104)	3.62281	4.25659	3.64832		3.22626		3.05005
radius_3(105)	4.0614	4.33768	2.82652	3.03699	4.20238	3.89355	3.73885
radius_3(106)	4.37012	4.27822	3.70523	2.92944	4.08028	4.81098	3.3549
radius_3(107)	3.3595	4.23352	3.61622	3.933	4.20354		3.65723
radius_3(108)	3.26395	4.02344	3.03728	3.22827	4.24553	4.39258	3.38096
radius_3(109)	3.66907	4.299	3.72893	3.70821	3.78296	4.00917	3.80664
radius_3(110)	3.37915	3.42772	3.67338	3.42063	4.1049	4.35517	4.00505
radius_3(111)	3.86237	4.39292	3.83368	4.12823	3.44872	3.27942	3.95784
radius_3(112)	3.01224	4.09291	4.24664	3.40214	2.81116	3.98544	3.33447
radius_3(113)	3	4.64427	4.51276	3.87291	3.97552	2.96985	4.08416
radius_3(114)	4	4.50455	3.87	4.66301	3.33005	4.19995	3.2768
radius_3(115)	4.25659	3.3999	4.11182	4.17967	3.16547	3.92098	3.16028
radius_3(116)	4.00513	3.8277	4.15605	3.66272	4.06807	4.30884	3.0061
radius_3(117)	3.90881	4.12119	4.06232	4.1139	3.05358	3.64186	3.14444
radius_3(118)	5.17334	3.69099	3.74839	3.66607	2.79606	3.68799	2.62174
radius_3(119)	3.52181	4.32605	4.22182	4.11902	3.35402	3.91688	2.73794
radius_3(120)	3.11036	3.50432	3.80659	2.88952	2.77991	3.87346	3.07983
radius_3(121)	4.15412	3.61055	4.11908	4.20971	4.0246	2.85802	3.28117
radius_3(122)	2.87033	3.41473		3.04736	3.57251	3.49097	3.75366
radius_3(123)	3.31829	4.39225	3.39246	4	4.07634	4.75382	4.17517
radius_3(124)	2.9002	3.76212	4.07642	3.23816	4.06841	4.32842	3.04175
radius_3(125)	2.78259	4.08154	4.27954	3.90479	3.35832	4.922	3.57334
radius_3(126)	3.00926	3.13783	3.39081	3.13351	3.17969	4.33924	4.58812
radius_3(127)	2.60746	3.41701	4.27954	3.0769	3.5873	4.08459	5.16282
radius_3(128)	3.847	4.22147	3.17959	3.75858	4.22498	4.17698	4.11437
radius_3(129)	2.82547	3.87284	3.74183	2.96985	2.96985	2.91805	3.45689
radius_3(130)	3.27666	4.33533	3.91162	3.23621	3.42159	4.34534	3.45102
radius_3(131)	3.64185	3.97046	4.61904	2.95796	3.01093	3.18884	3.78975
radius_3(132)	3.26147	3.78639	3.72707	3.27197	3.29467	3.45343	3.32005
radius_3(133)	2.49573	4.4205	3.92561	3.02976	3.01655	2.43909	3.42966
radius_3(134)	2.95898	3.93613	3.86213	3.38586	4.76821	4.44092	3.8036
radius_3(135)	3.12841	3.59657	4.11768	3.10758	3.5216	3.17972	3.67488
radius_3(136)	4.25017	4.70776	3.90686	3.23376	3.03601	4.1022	3.90418
radius_3(137)	4.03872	4.19189	4.08148	3.10022	2.96716	3.6498	4.06488
radius_3(138)	4.716	4.03088	3.83786	4.52334	2.99848	4.18433	3.76435

radius_3(139)	3.79663	4.14005	4.22937	3.31407	3.95154	4.54716	4.21657
radius_3(140)	4.04333	3.15588	4.22943	4.30774	3.31341	3.34265	4.21425
radius_3(141)	3.53593	3.37772	4.22937	3.61487	3.50843	3.89682	4.0729
radius_3(142)	3.71529	3.97497	4.4541	3.93328	3.6131	3.3238	4.07225
radius_3(143)	3.63808	3.37781	4.20472	4.32084	3.49328	3.47918	4.10923
radius_3(144)	3.88477	3.7592	4.44026	4.21533	3.83725	3.64206	4.12011
radius_3(145)	3.64465	3.56055	4.76493	4	3.54701	4.07591	3.96228
radius_3(146)	3.0769	3.36853	4.87828	4.11882	3.63031	2.96212	3.437
radius_3(147)	2.98263	4.12681	4.13897	3.19995	4.27203	3.45371	3.45901
radius_3(148)	4.13506	3.89551	4.18414	2.96985	2.3473	3.0263	4.31876
radius_3(149)	3.15808	3.97961	4.70824	3.04541	3.46346	3.55334	4.13054
radius_3(150)	3.60315	3.0769	4.86757	4.41221	3.10524	4.25787	3.79205
radius_3(151)	4.02991	3.19665	4.8649	3.58636	3.76774	3.465	4.00348
radius_3(152)	3.9845	3.02954	4.84915	4.87474	3.816	4.11908	4.18356
radius_3(153)	3.79973	2.85144	5.15369	4.15476	3.41821	3.9505	4.16202
radius_3(154)	4.07458	4.02979	3.48219	4.28687	4.29242	4.30634	4.03846
radius_3(155)	3.44646	4.25842	4.74082	3.84235	3.43678	3.22847	4.17859
radius_3(156)	2.52024	4.25659	4.72241	4.02875	4.65321	4.07397	4.18076
radius_3(157)	3.0373	3.78394	4.83976	3.84012	4.20745	4.22937	4.1044
radius_3(158)	3.59911	2.94128	4.47397	3.55832	3.83409	3.6069	3.99284
radius_3(159)	3.44771	3.43132	3.92688	3.96875	3.83803	3.04176	3.7655
radius_3(160)	4.61544	2.81156	3.5675	2.70214	3.69288	3.81711	3.67658
radius_3(161)	4.46547	3.97559	3.61943	3.3483	3.22163	4.01318	3.13965
radius_3(162)	5.7195	3.3429	3.672	3.73883	3.22152	3.13989	3.38232
radius_3(163)	4.16797	4.75631	3.05825	3.8638	3.40701	3.54956	2.58561
radius_3(164)	4.87451	3.97559	3.71697	4.04927	3.99595	4.79443	4.16491
radius_3(165)	4.12817	3.78931	4.04077	3.99915	4.11096	3.72473	3.83174
radius_3(166)	3.83871	3.82897	3.7859	3.46052	4.38125	4.49145	4.66484
radius_3(167)	4.20117	3.91196	5	3.23724	4.18347		3.68311
radius_3(168)	3.47961	3.54834	3.97552	2.96985	3.97559	2.83988	2.93565
radius_3(169)	3.90479	3.33838	3.90472	3.62585	4.16187	2.65249	3.94282
radius_3(170)	4.24817	4.34149	3.60431	3.97559	3.55573	3.00878	4.02112
radius_3(171)	4.11902	3.50148	3.96423	3.95044	3.70128	3.73139	3.89436
radius_3(172)	3.38989	4.27354	3.60251	3.65039	4.02612	2.76953	3.09127
radius_3(173)	3.39014	2.91785	4.65448	3.26609	3.91461	3.42249	3.94617
radius_3(174)	3.34875	3.7083	4.10089	2.9059	3.52368	3.14282	3.95378
radius_3(175)	3.38635	3.13133	4.36273	4.20105	4.47605	3.64799	3.23824
radius_3(176)	3.67627	3.15094	4.66315	4.04993	3.84183	3.60803	3.37669
radius_3(177)	3.8843	2.86723	4.30551	3.92098	4.3206	3.87208	2.88095
radius_3(178)	3.15705	2.92237	4.30688	4.02383	3.85892	3.53392	3.04789
radius_3(179)	3.27771	3.17834	4.23926	3.12868	4.44043	3.17676	3.86992
radius_3(180)	3.9845	3.69423	4.12404	3.15063	4.32805	3.62305	3.61126
radius_3(181)	2.81481	4.24408	4.17462	3.24705	3.11354	3.10193	3.10596
radius_3(182)	4.60375	4.22937	4.88674	3.4896	4.54811	3.22363	3.14551
radius_3(183)	3.8089	3.80002	4.27799	3.43198	4.11787	3.57076	3.32427
radius_3(184)	2.75221	4.22937	4.10215	3.09157	3.62232	3.28716	3.8648
radius_3(185)	3.23047	3.29114	4.64039	2.83426	4.13259	3.4096	4.05024
radius_3(186)			4.30987	2.89718	4.44497	3.5813	4.19019
radius_3(187)			4.44415	2.99565	4.84699	3.19287	3.15429
radius_3(188)			4.45852	3.66268	4.51727	4.23861	4.20569

radius_3(189)	4.38429	3.99655	4.13302	3.56213	3.82385	4.08278	4.49333
radius_3(190)	4.29456	3.37753	3.84116	3.25159	4.47388	4.15639	5.05341
radius_3(191)	4.02039	4.17618	4.27936	3.83923	3.57134	4.98846	2.42712
radius_3(192)	4.02383	3.4452	4.8655	2.79504	3.48101	3.71992	3.76216
radius_3(193)	4.23431	4.13812	4.21009	3.25972	3.93143	3.28472	3.11543
radius_3(194)	4.27118	3.31538	4.9002	3.97966	4.07117	4.11024	3.61631
radius_3(195)	4.45912	4.25561	4.25782	3.25796	3.99854	3.36689	3.65551
radius_3(196)	4.19189	4.12219	4.07562	3.23058	3.43079	3.76318	3.62273
radius_3(197)	4.09154	4.27884	4.16736	3.31773	4.26085	1.75445	4.25757
radius_3(198)	4.05456	3.81166	3.98648	3.47064	3.95317	4.64987	3.85242
radius_3(199)	4.1899	3.62299	4.75934	3.25644	3.45398	3.13147	4.78528
radius_3(200)	3.28906	4.11908	4.77126	3.34803	4.34737	3.03699	3.22961
radius_3(201)	3.76345	3.32904	3.97559	4.34593	4.22937	3.633	3.79082
radius_3(202)	3.72864	3.40804	3.98374	3.14587	3.30692	3.6535	3.82969
radius_3(203)	3.76282	3.70997	3.7297	3.64083	3.52349	3.43547	4.44364
radius_3(204)	4.14404	4.16242	3.78231	4.53369	3.97552	3.64233	4.12266
radius_3(205)	3.29881	3.95276	4.71655	3.92755	4.55408	3.58725	4.15874
radius_3(206)	3.84131	4.01312	4.13678	3.41142	3.53754	3.68149	2.21915
radius_3(207)	3.40234	3.47934	4.32919	4.84058	4.32684	4.11908	4.09894
radius_3(208)	3.63611	3.60852	4.04939	4.69543	4.15665	4.91599	3.87585
radius_3(209)	3.35339	3.76119	3.9845	4.22778	4.10831		2.73914
radius_3(210)	3.27855	3.23543	4.22937	3.52736	3.42919	3.99384	3.45519
radius_3(211)	3.71848	4.13582	4.22937	3.828	4.91817	3.84131	2.82385
radius_3(212)	4.3645	4.18213	3.57373	3.43274	4.48298	3.17472	3.1734
radius_3(213)	3.26702	4.10915	3.14787	3.70655	3.89638	4.27045	2.73542
radius_3(214)	3.70374	4.32283	3.18961	3.65078	3.77669	5.68097	3.82544
radius_3(215)	2.80511	3.34498	3.92619	3.67215	5.20972	3.98545	3
radius_3(216)	2.93048	3.55835	2.91477	3.60498	3.91077	2.91103	3.15695
radius_3(217)	3.92591	2.95586	3.57666	3.98537	3.20593	3.10715	3.19812
radius_3(218)	3.53674	4.34851	3.40931	3.52794	4.0912	2.49695	3.78759
radius_3(219)	4.30515	3.0981	3.38342	4.63062	3.16943	3.33386	3.43036
radius_3(220)	2.91897	4.21887	3.73579	3.90447	3.89087	3.59899	4.22937
radius_3(221)	3.76203	4.26379	3.07512	4.51711	3.30713	3.98421	4.22937
radius_3(222)	3.32738	4.26189	3.72835	3.55826	3.67138	1.44361	3.76355
radius_3(223)	2.76917	3.64478	4.10469	3.77594	3.58846	2.64219	3.97552
radius_3(224)	3.35077	3.10822	3.20214	3.90472	3.35665	3.22498	4.20265
radius_3(225)	4.31042	3.19446	3.85763	4.80609	3.46259	3.62161	3.97552
radius_3(226)	3.86444	3.80676	3.63773	4.2347	2.88494	4.22033	4.11908
radius_3(227)	4.13641	3.01708	3.54022	4.17026	3.15056	3.6073	4.03306
radius_3(228)	3.81965	3.10097	3.76685	4.02391	3.77844	3.85544	2.95755
radius_3(229)	3.83137	3.08272	3.68085	4.2136	3.51886	3.01065	3.36876
radius_3(230)	3.92832	4.19995	3.18684	4.27556	3.49169	4.02142	4.21013
radius_3(231)	3.46814	3.52808	3.59491	4.94751	4.34364	4.03787	4.15499
radius_3(232)	3.67273	3.61456	4.06812	4.42817	4.18637	4.1725	4.11427
radius_3(233)	3.77249	3.0166	4.25659	4.35535	4.24976	3.56543	4.08826
radius_3(234)	4.7436	4.19995	4.18292	4.25826	3.9845	6.01492	3.1377
radius_3(235)	4.17423	3.38098	3.80438	4.23704	4.12671	3.99869	2.75757
radius_3(236)	3.82348	3.23816	3.42264	4.82799	3	4.17902	2.74565
radius_3(237)	3.54172	3.77903	3.60631	4.25519	3.20325	4.35645	3.44519
radius_3(238)	3.20399	4.19995	3.47901	3.66574	3.51245	3.23258	4.62425

radius_3(239)	4.02478	3.97559	3.79754	3.98755	3.06328	4.70627	3.21544
radius_3(240)	4.06923	2.96591	3.18994	4.88169	3.02086	3.48788	4.23047
radius_3(241)	3.93905	2.96985	3.90363	4.45484	3.07145	2.39194	4.10699
radius_3(242)	3.73505	3.95499	3.29019	3.57251	3.48335	3.16928	4.22833
radius_3(243)	4.30908	3.39478	4.09976	3.60581	4.06481	2.94125	4
radius_3(244)	4.1429	3.71153	4.37512	4.73709	4.11908	4.00342	3.90472
radius_3(245)	3.66614	3.50085	4.03483	5.6945	4.14703	4.64343	4.65972
radius_3(246)	3.94276	4	3.47382	4.14469	4.34827	3.87977	3.9472
radius_3(247)	3.9265	3.91019	3.70894	4.92144	3.76627	4.38029	4.09554
radius_3(248)	3.16532	3.73743	3.44902	5.51809	3.28707	4.05762	4.22184
radius_3(249)	4.18196	3	3.30935	4.53527	3.54204	3.97552	3.19922
radius_3(250)	3.40204	3	3.86818	5.22876	3.63019	3.42841	4.05832
radius_3(251)	2.79019	3.23816	3.23131	5.06753	4.03084	3.20136	4.11908
radius_3(252)	4.00055	3.72591	3.01505	4.91371	4.15762	3.86346	2.91931
radius_3(253)	3.76013	3.15393	3.83344	4.90949	3.3295	3.07687	3.77446
radius_3(254)	3.9845	3.31946	4.29043	4.57315	3.40347	4.04559	2.8612
radius_3(255)	4.1153	3.21045	3.45621	4.42562	3.10956	3.21896	2.57668
radius_3(256)	3.64001	3.20308	3.43381	4.29128	3	3.82902	2.70102
radius_3(257)	3.37814	3.01103	3.01655	4.60172	3.19021	3.8231	3.28552
radius_3(258)	4	2.59123	4.23767	3.59662	3.19363	3.11174	3.49902
radius_3(259)	3.23822	3.51749	4.0128	4.23966	3.29849	3.82558	4.20093
radius_3(260)	3.94843	3.00759	4.80615	4.67419	3.06288	2.90093	3.2937
radius_3(261)	3.90472	2.79623	4.02754	4.94671	4.20999	3.25201	3.79175
radius_3(262)	3.82349	2.58973	4.85015	3.27394	3.22582	2.6082	4.14905
radius_3(263)	4.0166	2.81293	4.24947	3.50308	3.01535	2.6053	3.56364
radius_3(264)	4	2.95264	4.08928	2.66548	2.76776	3.81701	4.24028
radius_3(265)	3.24274	3.00805	4.2001	3.34713	3.10961	3.16335	4.12744
radius_3(266)	4.71927	3.94916	4.2597	5.47259	3.14228	3.82828	4.10578
radius_3(267)	3.97552	3.30377	4.52425	3.74142	3.14826	3.605	3.9845
radius_3(268)	3.68097	3.07663	4.22288	3.82392	3.75229	3.01467	3.90031
radius_3(269)	3.97552	3.68158	4.26841	3.59301	3.99384	3.08807	3.96033
radius_3(270)	3.97552	2.93681	4.66918	3.32913	3.55356	3.75963	4.09692
radius_3(271)	3.9845	2.21489	4.30273	4.34332	4.17406	2.95398	4.09823
radius_3(272)	4.38489	3.27234	3.45551	5.22388	3.4879	2.8493	4.10418
radius_3(273)	4.18036	3.00734	4.74873	4.42545	4.1805	3.10516	3.5805
radius_3(274)	3.70856	2.9248	4.2314	5.24537	3.79468	3.27328	4.44661
radius_3(275)	4.10156	3.03247	3.8391	4.95935	5.57269	3.32717	4.0358
radius_3(276)	4.02075	4.28503	4.33108	4.9566	3.34705	3.49048	4.07553
radius_3(277)	3.03125	2.7837	4.45654	4.65017	4.49318	3.14026	4.11998
radius_3(278)	4.05585	3.51719	4.11309	4.91234	4.7829	2.76594	3.82506
radius_3(279)	3.80459	3.83588	4.41107	4.73421	3.51953	4.38718	4.22074
radius_3(280)	4.34937	2.96822	4.15442	5.41896	3.19873	2.99072	4.24208
radius_3(281)	3.88602	3.07508	4.14858	4.89268	3.36175	3.48645	4.47776
radius_3(282)	4.31824	2.51203	4.71996	4.8391	3.69456	3.19995	4.02368
radius_3(283)	3.3623	3.67213	4.1265	4.87159	4.11377	2.78656	4.24139
radius_3(284)	4.2312		4.37777	4.86956		4.46802	4.07281
radius_3(285)	4.20001		4.03754	5.05597		3.51042	4.10028
radius_3(286)	3.79077		4.28716	4.44137		4.46201	3.97552
radius_3(287)	3.17302		4.89002	5.04138		3.17749	3.4173
radius_3(288)	3.90472	2.79791	4.32332	5.05774	3.29706	3.27905	3.93298

radius_3(289)	3.28733	2.53113	4.17614	3.5793	3.61321	3.1803	4.11862
radius_3(290)	4.38818	3.33789	4.09599	4.41857	4.93817	3.4054	3.60837
radius_3(291)	3.23608	3.44728	4.2319	3.75245	4.15822	4.10608	5.1478
radius_3(292)	3.97552	3.23468	3.87564	4.24222	4.06995	3.73596	4.31866
radius_3(293)	3.7551	2.95484	4.3938	4.2095	4.3711	3.67166	3.51738
radius_3(294)	3.21298	3.09418	4.25997	3.82789	3.80217	3.31714	3.80845
radius_3(295)	3.03705	3.17123	4.31787	4.28815	4.85199	2.38123	3.76634
radius_3(296)	2.86294	3.03058	4.26168	5.07483	4.38074	3.9845	4.04722
radius_3(297)	4.22839	4.25261	4.13204	4.78894	4.89213	2.70044	4.10266
radius_3(298)	2.89558	3.26062	4.31384	4.52502	4.17083	2.9823	4.23553
radius_3(299)	4.4811	3.69873	4.21851	4.15438	4.21141	3.47164	4.10423
radius_3(300)	3.21754	2.71708	4.03108	4.39221	3.53186	4.2998	3.99435
radius_3(301)	3.40144	3.6391		4.41852	3.93372	3.34847	
radius_3(302)	3.78974	3.41265		3.89978	3.92261	2.93225	
radius_3(303)	2.97046	3.04242		4.02961	1.89073	3	
radius_3(304)	3.52312	3.14288		3.60511	2.33841	3	
radius_3(305)	2.81816	3.9845		4.32162	4.1673	3.23816	
radius_3(306)	4.03306	3.18005		2.84082	4.18333	3.97559	
radius_3(307)	2.79909	3.14606		5.16688		2.51352	
radius_3(308)	2.74112	3.96393		4.02112		3.00406	
radius_3(309)	3.3062	3.28722		3.77152		3.53128	
radius_3(310)	3.74347	2.76511				3.46063	
radius_3(311)	2.9049	4.36512		4.49352		3.58233	
radius_3(312)	3.21284	3.29541		4.25008	3.27222	2.94251	
radius_3(313)	3.52789	3.55994		4.50774	3.12561	2.96985	
radius_3(314)	2.72532	3.56125	3.5622	3.45513	3.79944	3.13881	2.9172
radius_3(315)	2.82519	4.19633	4.24374	3.65051	4.19968	4.24806	3.28707
radius_3(316)	3.47223	4.36715	3.99146	4.89731	4.11856	4.14966	4.03121
radius_3(317)	3.04215	3.74254	4.27405	4.16498	4.09307	3.56848	4.30229
radius_3(318)	2.97118	3.56163	4.34735	4.07697	4.258	3.07729	4.18727
radius_3(319)	2.79279	4.13207	3.83881	4.01123	4.03427	3.63322	4.26347
radius_3(320)	3.80927	3.47974	4.47662	3.87653	2.82031	2.9021	3.61069
radius_3(321)	4.17423	3.41913	3.71301	4.36422	3.73532	3.2876	3.78229
radius_3(322)	3.48107	3.9845		4.18555	2.87853	4.03406	
radius_3(323)	4.4154	2.94128	4.07806	3.51482	2.89675	3.31335	4.18799
radius_3(324)	3.77326	3.43372	4.36389	4.27838	4.44061	4.37244	3.17004
radius_3(325)	4.11006	2.76537	3.9845	4.0407	3.06619	3.44769	3.17448
radius_3(326)	3.52749	2.71897	4.23841	3.472	3.69604	3.20045	3.19339
radius_3(327)	5.13708	2.4281	3.76745	3.75103	2.95225	3.46998	3.01886
radius_3(328)	4.0811	3.48779	3.34412	3.7998	2.66119	3.54996	3.99996
radius_3(329)	3.41434	3.05615	3.95676	4.16608	2.78531	3.91577	3.73475
radius_3(330)	4.28787	3.2039	3.95949	3.98842	3.66794	2.87292	3.66968
radius_3(331)	3.54867	3.43238	3.78058	4.28442	2.81761	4.07971	3.702
radius_3(332)	4.86104	2.77254		4.2074	2.68013	2.64674	
radius_3(333)	3.45008	2.88715	4.64705	4.77401	3.80169	2.96808	4.0741
radius_3(334)	4.4867	2.99892	4.04958	4.11291	2.99818	3.43435	3.87567
radius_3(335)	3.55172	2.45898	3.97089	4.31726	2.93407	3.23643	3.43122
radius_3(336)	3.54516	3.78205	4.13788	3.91321	2.85052	4.26545	3.78363
radius_3(337)	4.21303	2.76145	3.91101	3.92689	3.35867	3.20228	3.63152
radius_3(338)	3.60541	2.8828		3.71088	3.62779	3.69728	

radius_3(339)	4.08057	3.18636	4.64084	4.58446	3.64956	3.0575	3.66863
radius_3(340)	3.49777	3.42026	4.16431	3.58756	2.6213	3.88574	3.64264
radius_3(341)	3.55182	3.0145	4.48847	3.75332	3.14525	3.14083	3.95007
radius_3(342)	4.45383	4.39827	3.82672	4.65077	2.53991	3.0181	3.60462
radius_3(343)	4.08215	3.46478	4.17337	3.54253	3.05786	3.3997	4.16655
radius_3(344)	4.05969	3.32709	4.71102	4.6127	2.75463	3.90475	4.20788
radius_3(345)	3.19031	4.03601	4.2123	3.70804	3.36122	4.42893	4.59981
radius_3(346)	3.54946	3.15936	4.21467	3.71999	4.05591	3.34077	4.25009
radius_3(347)	3.64346	3.03606	4.66602	3.44171	3.20837	2.95281	4.34066
radius_3(348)	3.24182	2.8434	4.21623	3.86557	4.14368	4.19901	4.87763
radius_3(349)	3.55319	4.06405	5.45326	3.01935	3.09432	3.42128	4.11962
radius_3(350)	3.22369	4.2973	4.205	3.57808	3.45125	3.66366	4.4769
radius_3(351)	3.92197	3.99854	4.12244	3.64178	2.86926	3.33447	4.55552
radius_3(352)	4.20302	2.9236	4.40874	3.53403	3.39465	2.85855	3.98132
radius_3(353)	3.72089	3.23179	4.22273	3.9109	3.03564	3.2292	4.85035
radius_3(354)	3.27824	3.54401	4.37238	3.81317	3.93433	3.83506	4.6444
radius_3(355)	3.75995	3.01971	4.20345	3.70733	3.74329	4.21942	4.03243
radius_3(356)	3.49026	2.73266	3.82605	3.78262	4.0281	3.54102	4.91884
radius_3(357)	3.85904	2.87101	3.79625	4.15073	3.62349	3.56703	4.89516
radius_3(358)	3.6944	3.71472	3.82996	2.95391	4.17907	4.13721	4.67285
radius_3(359)	2.84296	3.36644	3.6958	3.13741	4.15468	5.06592	4.91849
is_coiled(0)	0	0	0	0	0	0	0
is_coiled(1)	0	0	0	0	0	0	0
is_coiled(2)	0	0	0	0	0	0	0
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
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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
is_coiled(16)	0	0	0	0	0	0	0
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is_coiled(19)	0	0	0	0	0	0	0
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is_coiled(32)	0	0	0	0	0	0	0
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is_coiled(34)			0	0	0	0	0
is_coiled(35)			0	0	0	0	0
is_coiled(36)			0	0	0	0	0
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is_coiled(46)	0	0	0	0	0	1	0
is_coiled(47)	0	0	0	0	0	0	0
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is_coiled(65)	0	0	0	0	0	0	0
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is_coiled(68)	0	0	0	0	0	0	0
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is_coiled(70)	0	0	0	0	0	0	0
is_coiled(71)	0	0	0	0	0	0	0
is_coiled(72)	0	0	0	0	0	0	0
is_coiled(73)	0	0	0	0	0	0	0
is_coiled(74)	0	0	0	0	0	0	1
is_coiled(75)	0	0	0	0	0	0	1
is_coiled(76)	1	0	0	0	0	0	0
is_coiled(77)	0	0	0	0	0	0	0
is_coiled(78)	0	0	0	0	0	0	0

is_coiled(79)	0	0	0	0	0	0	0
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
is_coiled(89)			0	0	0	0	0
is_coiled(90)			0	0	0	0	0
is_coiled(91)			0	0	0	0	0
is_coiled(92)			0	0	0	0	0
is_coiled(93)			0	0	0	0	0
is_coiled(94)			0	0	0	0	0
is_coiled(95)			0	0	0	0	0
is_coiled(96)	0	0	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	0	0
is_coiled(100)	0	0	0	0	0	0	1
is_coiled(101)	0	0	0	0	0	0	1
is_coiled(102)	0	0	0	0	0	0	0
is_coiled(103)	0	0	0	0	0	0	0
is_coiled(104)	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
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
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	1
is_coiled(128)	0	0	0	0	0	0	0

is_coiled(129)	1	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	1	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)	1	0	1	0	0	0	0
is_coiled(155)	1	0	0	0	0	0	0
is_coiled(156)	1	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	1	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
is_coiled(187)			0	0	0	0	0
is_coiled(188)			0	0	0	0	1
is_coiled(189)	0	0	0	0	0	0	1
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	1
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	1
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
is_coiled(210)	1	0	0	0	0	0	0
is_coiled(211)	1	0	0	0	0	0	0
is_coiled(212)	1	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	1	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	1	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	1	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
is_coiled(285)	0		0	0		0	0
is_coiled(286)	0		0	0		0	0
is_coiled(287)	0		0	0		0	0
is_coiled(288)	0	0	0	0	0	1	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	
is_coiled(302)	0	0		0	0	0	
is_coiled(303)	0	0		0	1	0	
is_coiled(304)	0	0		0	0	0	
is_coiled(305)	0	0		0	0	0	
is_coiled(306)	0	0		0	0	0	
is_coiled(307)	0	0		0		0	
is_coiled(308)	0	0		0		0	
is_coiled(309)	0	0		0		0	
is_coiled(310)	0	0				0	
is_coiled(311)	0	0		0		1	
is_coiled(312)	0	0		0	0	0	
is_coiled(313)	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	0	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	
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)	1	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	
is_coiled(333)	0	0	0	0	0	0	0
is_coiled(334)	0	0	0	0	0	0	0
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	
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)	0	0	1	1	1	0	1
is_well_oriented(1)	0	0	1	1	1	0	1
is_well_oriented(2)	0	0	1	1	1	0	1
is_well_oriented(3)	0	0	1	1	1	0	1
is_well_oriented(4)	0	0	1	1	1	0	1
is_well_oriented(5)	0	1	1	1	1	0	1
is_well_oriented(6)	0	1	1	1	1	0	1
is_well_oriented(7)	0	1	1	1	1	0	1
is_well_oriented(8)	0	1	1	1	1	0	1
is_well_oriented(9)	0	1	1	1	1	0	1
is_well_oriented(10)	0	1	1	1	1	0	1
is_well_oriented(11)	0	1	1	1	1	0	1
is_well_oriented(12)	0	1	1	1	1	0	1
is_well_oriented(13)	0	1	1	1	1	0	1
is_well_oriented(14)	0	1	1	1	1	0	1
is_well_oriented(15)	0	1	0	1	1	0	1
is_well_oriented(16)	0	1	0	1	1	0	1
is_well_oriented(17)	0	1	0	1	1	0	1
is_well_oriented(18)	0	1	0	1	1	0	1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

left_bended(149)	0	0	0	0	0	0	0
left_bended(150)	0	0	1	1	0	0	0
left_bended(151)	1	0	1	1	0	0	0
left_bended(152)	0	0	0	1	0	0	0
left_bended(153)	0	0	0	1	0	0	0
left_bended(154)	0	0	0	0	0	0	0
left_bended(155)	1	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	1	0	0	0	0	0
left_bended(159)	0	1	0	0	0	0	0
left_bended(160)	0	1	0	0	0	0	0
left_bended(161)	0	1	0	0	0	0	0
left_bended(162)	0	1	0	0	0	0	1
left_bended(163)	0	1	0	0	0	0	1
left_bended(164)	0	1	0	0	0	0	1
left_bended(165)	0	1	0	0	0	0	1
left_bended(166)	0	0	0	0	0	0	1
left_bended(167)	0	0	0	0	0		1
left_bended(168)	0	0	0	0	0	1	1
left_bended(169)	0	0	0	0	0	1	1
left_bended(170)	0	0	0	0	0	0	1
left_bended(171)	0	0	0	0	0	0	1
left_bended(172)	0	0	0	0	0	0	1
left_bended(173)	0	0	0	0	0	0	1
left_bended(174)	0	0	0	0	0	0	1
left_bended(175)	0	0	0	0	0	0	1
left_bended(176)	0	0	0	0	0	0	1
left_bended(177)	0	0	0	0	0	0	1
left_bended(178)	0	0	0	0	0	0	1
left_bended(179)	0	0	0	0	0	0	1
left_bended(180)	0	0	0	0	0	0	1
left_bended(181)	0	0	1	0	0	0	1
left_bended(182)	0	0	1	0	0	0	1
left_bended(183)	0	0	1	0	0	0	1
left_bended(184)	0	0	1	0	0	0	1
left_bended(185)	0	0	0	0	0	0	0
left_bended(186)			0	0	0	0	0
left_bended(187)			0	0	0	0	1
left_bended(188)			0	0	0	0	1
left_bended(189)	0	0	0	0	1	0	1
left_bended(190)	0	0	0	0	0	0	1
left_bended(191)	0	0	0	0	0	0	1
left_bended(192)	0	0	0	0	0	0	1
left_bended(193)	0	0	0	0	0	0	1
left_bended(194)	0	0	0	0	0	0	1
left_bended(195)	0	0	1	0	0	0	1
left_bended(196)	0	0	1	0	0	0	1
left_bended(197)	0	0	1	0	0	0	1
left_bended(198)	0	0	1	0	0	0	1

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

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

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

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

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

right_bended(89)			0	0	0	0	0
right_bended(90)			0	0	0	0	0
right_bended(91)			0	0	1	0	0
right_bended(92)			0	0	1	0	0
right_bended(93)			1	0	1	0	0
right_bended(94)			1	0	1	0	0
right_bended(95)			0	0	1	0	0
right_bended(96)	0	0	0	0	1	1	0
right_bended(97)	0	0	0		1		0
right_bended(98)	0	0	0		1		0
right_bended(99)	0	0	0	1	0	1	0
right_bended(100)	0	0	0	1	0	1	0
right_bended(101)	0	0	0	1	0	0	0
right_bended(102)	1	0	0	1	0	0	0
right_bended(103)	1	0	0	1	0	0	0
right_bended(104)	1	0	0		0		0
right_bended(105)	0	0	1	1	0	0	0
right_bended(106)	0	0	1	1	0	0	0
right_bended(107)	0	0	1	1	0		0
right_bended(108)	0	1	1	1	1	0	0
right_bended(109)	0	0	1	1	0	0	0
right_bended(110)	0	0	1	1	0	0	0
right_bended(111)	0	0	1	1	0	1	0
right_bended(112)	0	0	0	0	0	0	0
right_bended(113)	0	0	0	1	0	0	0
right_bended(114)	0	0	1	0	0	0	0
right_bended(115)	0	0	0	0	0	0	1
right_bended(116)	0	0	0	0	0	1	1
right_bended(117)	0	0	0	0	0	1	1
right_bended(118)	0	0	0	0	0	0	1
right_bended(119)	0	0	0	0	1	0	0
right_bended(120)	0	0	0	0	1	0	1
right_bended(121)	0	0	0	0	1	0	0
right_bended(122)	0	0		0	1	0	0
right_bended(123)	0	0	1	0	1	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	0	0	0	0	0	0
right_bended(127)	0	0	0	0	0	0	1
right_bended(128)	0	0	0	0	0	1	1
right_bended(129)	0	0	0	0	0	1	1
right_bended(130)	0	0	0	0	0	1	0
right_bended(131)	0	0	0	0	0	1	1
right_bended(132)	0	0	1	0	0	1	0
right_bended(133)	0	0	1	0	0	0	0
right_bended(134)	0	0	1	0	0	0	0
right_bended(135)	0	0	1	0	0	0	0
right_bended(136)	1	0	0	0	0	0	0
right_bended(137)	1	0	0	0	0	0	0
right_bended(138)	0	0	0	0	0	0	0

right_bended(139)	1	0	0	0	0	1	0
right_bended(140)	1	0	0	0	0	1	0
right_bended(141)	0	0	0	0	0	1	0
right_bended(142)	0	0	0	0	0	1	0
right_bended(143)	0	0	0	0	0	1	0
right_bended(144)	0	0	0	0	0	1	0
right_bended(145)	0	0	0	0	0	0	0
right_bended(146)	0	0	0	0	0	1	0
right_bended(147)	0	0	0	0	1	0	0
right_bended(148)	0	0	0	0	1	0	0
right_bended(149)	0	0	0	0	1	0	0
right_bended(150)	0	0	0	0	1	0	0
right_bended(151)	0	0	0	0	1	1	1
right_bended(152)	0	0	0	0	1	0	1
right_bended(153)	0	0	1	0	1	0	0
right_bended(154)	0	0	1	1	1	0	0
right_bended(155)	0	0	1	1	1	0	0
right_bended(156)	1	0	1	1	0	0	0
right_bended(157)	1	0	1	1	0	0	1
right_bended(158)	1	0	1	1	0	0	1
right_bended(159)	1	0	1	1	0	0	1
right_bended(160)	1	0	1	1	0	1	1
right_bended(161)	1	0	1	1	0	0	1
right_bended(162)	0	0	0	1	0	0	0
right_bended(163)	1	0	0	1	0	0	0
right_bended(164)	1	0	0	1	0	0	0
right_bended(165)	0	0	0	1	0	1	0
right_bended(166)	0	0	0	0	0	1	0
right_bended(167)	1	1	0	0	0		0
right_bended(168)	0	1	0	0	0	0	0
right_bended(169)	0	1	0	0	0	0	0
right_bended(170)	0	1	0	0	0	0	0
right_bended(171)	0	1	0	0	0	0	0
right_bended(172)	0	1	0	0	0	0	0
right_bended(173)	0	1	0	0	0	0	0
right_bended(174)	0	1	0	0	0	0	0
right_bended(175)	0	1	0	0	0	0	0
right_bended(176)	0	1	1	0	0	0	0
right_bended(177)	0	1	1	0	0	0	0
right_bended(178)	0	1	0	0	0	0	0
right_bended(179)	0	1	1	0	0	0	0
right_bended(180)	0	0	0	0	0	0	0
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
right_bended(184)	1	0	0	0	0	0	0
right_bended(185)	1	0	0	0	0	0	0
right_bended(186)			0	0	0	0	0
right_bended(187)			0	0	0	0	0
right_bended(188)			0	0	0	0	0

right_bended(189)	1	0	0	0	0	0	0
right_bended(190)	1	0	0	0	0	0	0
right_bended(191)	1	0	0	0	0	1	0
right_bended(192)	1	1	0	0	0	1	0
right_bended(193)	1	1	0	0	1	1	0
right_bended(194)	1	0	0	0	1	1	0
right_bended(195)	0	0	0	0	1	0	0
right_bended(196)	0	0	0	0	1	0	0
right_bended(197)	0	0	0	0	1	1	0
right_bended(198)	0	0	0	0	1	1	0
right_bended(199)	0	0	0	0	1	0	0
right_bended(200)	0	1	0	0	0	0	1
right_bended(201)	0	0	1	0	0	0	1
right_bended(202)	0	0	1	0	0	0	0
right_bended(203)	0	0	1	0	0	0	0
right_bended(204)	0	1	1	0	0	0	0
right_bended(205)	0	0	1	0	0	0	0
right_bended(206)	0	0	0	0	0	0	0
right_bended(207)	0	0	0	0	0	0	0
right_bended(208)	0	0	0	0	0	0	1
right_bended(209)	0	0	0	0	0		1
right_bended(210)	0	0	0	0	0	0	1
right_bended(211)	0	0	0	0	0	0	1
right_bended(212)	0	0	0	0	0	1	1
right_bended(213)	0	0	0	1	0	1	0
right_bended(214)	0	0	0	0	0	0	1
right_bended(215)	0	0	0	0	0	0	0
right_bended(216)	0	0	0	0	0	1	0
right_bended(217)	1	0	0	1	0	1	0
right_bended(218)	1	0	0	0	0	1	0
right_bended(219)	1	1	0	0	0	1	0
right_bended(220)	1	1	0	0	0	1	0
right_bended(221)	0	0	0	0	0	1	0
right_bended(222)	0	0	0	0	1	1	0
right_bended(223)	0	0	0	0	1	1	0
right_bended(224)	0	0	0	0	1	1	0
right_bended(225)	0	0	0	0	1	1	0
right_bended(226)	0	0	0	0	1	1	0
right_bended(227)	0	0	0	0	1	1	0
right_bended(228)	0	0	0	0	1	1	0
right_bended(229)	0	0	0	1	1	0	0
right_bended(230)	0	0	0	0	1	0	1
right_bended(231)	0	0	0	0	1	0	1
right_bended(232)	0	0	0	0	1	0	1
right_bended(233)	0	0	0	0	1	1	1
right_bended(234)	0	0	0	0	1	1	1
right_bended(235)	0	0	1	0	0	0	1
right_bended(236)	0	0	1	0	0	0	1
right_bended(237)	0	0	1	0	0	1	0
right_bended(238)	0	0	1	1	0	1	0

right_bended(239)	0	0	1	0	1	0	0
right_bended(240)	0	0	0	0	1	0	0
right_bended(241)	0	0	0	0	1	0	0
right_bended(242)	0	0	0	0	1	0	0
right_bended(243)	0	0	1	0	0	0	0
right_bended(244)	0	0	0	0	1	0	0
right_bended(245)	0	0	0	0	0	1	0
right_bended(246)	0	0	0	0	0	1	0
right_bended(247)	0	0	0	0	0	1	0
right_bended(248)	0	0	0	0	1	0	0
right_bended(249)	0	0	0	0	1	0	0
right_bended(250)	0	0	0	0	1	0	0
right_bended(251)	0	0	0	0	0	0	0
right_bended(252)	0	0	0	0	0	1	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	0
right_bended(256)	0	0	0	0	0	0	0
right_bended(257)	0	0	0	0	0	0	0
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)	1	0	0	0	0	0	0
right_bended(264)	0	0	0	0	0	0	0
right_bended(265)	0	0	0	0	1	0	0
right_bended(266)	0	0	0	0	1	0	0
right_bended(267)	0	1	0	1	0	0	0
right_bended(268)	0	0	0	1	0	0	0
right_bended(269)	0	0	0	1	0	0	0
right_bended(270)	0	0	0	1	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	1	0	0
right_bended(275)	0	0	0	0	1	0	0
right_bended(276)	0	0	0	0	1	0	0
right_bended(277)	0	0	0	0	1	0	0
right_bended(278)	0	0	0	0	1	1	0
right_bended(279)	0	0	0	0	1	1	0
right_bended(280)	0	0	0	0	1	0	0
right_bended(281)	0	0	0	0	1	1	0
right_bended(282)	0	0	0	0	1	1	0
right_bended(283)	0	0	0	0	0	1	0
right_bended(284)	0	0	0	0	0	1	1
right_bended(285)	0	0	0	0	0	1	0
right_bended(286)	0	0	0	0	0	1	0
right_bended(287)	0	0	0	0	0	1	0
right_bended(288)	0	0	0	0	1	1	0

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

right_bended(339)	0	0	0	1	0	0	0
right_bended(340)	0	0	0	0	0	0	0
right_bended(341)	0	0	0	0	0	0	0
right_bended(342)	0	1	0	0	0	0	0
right_bended(343)	0	1	0	0	0	0	0
right_bended(344)	0	1	0	0	0	0	0
right_bended(345)	0	1	0	0	0	0	0
right_bended(346)	0	1	0	0	0	0	0
right_bended(347)	0	1	0	0	0	0	0
right_bended(348)	0	1	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	0	0
right_bended(353)	0	0	1	0	0	0	0
right_bended(354)	0	0	0	0	0	0	0
right_bended(355)	0	0	0	0	0	0	0
right_bended(356)	0	0	0	0	0	0	0
right_bended(357)	0	0	0	0	0	0	0
right_bended(358)	0	0	0	0	0	0	0
right_bended(359)	0	0	0	0	0	0	1
mov_direction(0)							
mov_direction(1)	36.8699	60	120	180	48.1897	180	270
mov_direction(2)	180	36.8699	120	180	64.6231		
mov_direction(3)	180	48.1897	90	180	53.1301	180	270
mov_direction(4)	180	53.1301	180	306.87	53.1301		90
mov_direction(5)		48.1897	90	180	53.1301	180	
mov_direction(6)	180	70.5288	90	180	78.463	90	
mov_direction(7)	109.471	60	180	180	60	180	
mov_direction(8)	115.377	70.5288	109.471	180	113.578	90	
mov_direction(9)	120	66.4218	120	180	90	180	90
mov_direction(10)	106.602	78.463	180	180	104.478	180	180
mov_direction(11)	113.578	90	126.87	180	180	180	
mov_direction(12)	113.578	60	180	180	101.537	180	90
mov_direction(13)	109.471	75.5225	180	180	75.5225		
mov_direction(14)	180	90	180	180	101.537	180	270
mov_direction(15)	180	80.4059	180	180	90	180	
mov_direction(16)	180	109.471	300	180	180	36.8699	
mov_direction(17)	180	90	318.59	31.0027	180	180	
mov_direction(18)	180	120	180	36.8699	180	270	180
mov_direction(19)	270	104.478	289.471	31.0027	180	180	
mov_direction(20)	180	120	270	180	180	90	180
mov_direction(21)	180	109.471	270	28.955	180		180
mov_direction(22)	216.87	113.578	240	33.5573	180	289.471	180
mov_direction(23)	180	120	270	44.4153	180	180	180
mov_direction(24)	180	126.87	270	180	180	180	270
mov_direction(25)	180	131.81	270	180	180	180	270
mov_direction(26)							
mov_direction(27)	180	138.59	300	180	180	180	289.471
mov_direction(28)	143.13	180	270	180	323.13	180	311.81

mov_direction(29)	180	180	300	180	323.13	180	180
mov_direction(30)	180	180	180	180	323.13	270	180
mov_direction(31)	180	180	270	180	289.471	180	180
mov_direction(32)	180	180	306.87	180	279.594	90	270
mov_direction(33)			300	180	284.478	180	180
mov_direction(34)			180	180	323.13	180	180
mov_direction(35)			323.13	180		90	70.5288
mov_direction(36)			180	31.0027	180	180	270
mov_direction(37)			180	180	228.19	180	180
mov_direction(38)			323.13	33.5573	180	180	104.478
mov_direction(39)			180	36.8699	180	180	180
mov_direction(40)			180	36.8699	180	270	180
mov_direction(41)	143.13	233.13	180	180	216.87	180	180
mov_direction(42)	124.85	180	180	28.955	240	180	180
mov_direction(43)	109.471	216.87	90	180	180	180	180
mov_direction(44)	90	180	180	180	246.422	270	180
mov_direction(45)	78.463	221.41	180	36.8699	180	270	180
mov_direction(46)	80.4059	240		28.955	138.59	180	180
mov_direction(47)	66.4218	240	180	180	104.478	180	90
mov_direction(48)	66.4218	250.529	180	41.4096	60	180	90
mov_direction(49)	70.5288	261.787	180	180	180	180	120
mov_direction(50)	70.5288	270	180	48.1897	180	180	109.471
mov_direction(51)	180	255.522	270	180	180	180	180
mov_direction(52)	255.522	281.537	90	180	180	180	180
mov_direction(53)	284.478	270	180	180	180	300	180
mov_direction(54)	279.594	270	104.478	180	180	180	90
mov_direction(55)	260.406	270		180	180	180	75.5225
mov_direction(56)	250.529	270	180	180	180	180	90
mov_direction(57)	240	270	180	216.87	180	180	180
mov_direction(58)	233.13		180	233.13	180	180	180
mov_direction(59)	233.13	180	180	270	180	180	180
mov_direction(60)	180	270	180	180	41.4096	180	228.19
mov_direction(61)	180	90	180	318.59	300	180	180
mov_direction(62)	180	90	180	180	180		250.529
mov_direction(63)	240		90	180	131.81	180	289.471
mov_direction(64)	180	270	180	180	90	109.471	289.471
mov_direction(65)	180	120	180	70.5288	284.478	180	311.81
mov_direction(66)	180	270	180	90	289.471		300
mov_direction(67)	180	180	180	60	311.81	180	300
mov_direction(68)	211.003	180	180	90	180	180	300
mov_direction(69)	180	180	180	101.537	270	270	311.81
mov_direction(70)	180	180	180	113.578	180	270	306.87
mov_direction(71)	180	180	180	126.87	180	255.522	311.81
mov_direction(72)	180	180	120	115.377	120	270	180
mov_direction(73)	180	180	228.19	180	104.478	270	120
mov_direction(74)	180	36.8699	180	143.13	113.578	180	90
mov_direction(75)	73.3985	180	180	180	101.537	104.478	180
mov_direction(76)	180	70.5288	180	180	113.578	180	70.5288
mov_direction(77)	180	53.1301	180	180	109.471		90
mov_direction(78)	138.59	90	180	180	126.87	180	78.463

mov_direction(79)	120	90	180	180	120	180	75.5225
mov_direction(80)	311.81	120	180	180	126.87	270	90
mov_direction(81)	300	104.478	180	180	126.87	180	90
mov_direction(82)	180	109.471	311.81	180	120	323.13	
mov_direction(83)	180	126.87	180	180	109.471	180	240
mov_direction(84)	306.87	109.471	180	216.87	104.478	311.81	180
mov_direction(85)	306.87	131.81	180	233.13	104.478	304.85	255.522
mov_direction(86)	180	180	180	255.522	180	311.81	180
mov_direction(87)	300	131.81	323.13	250.529	120	318.59	180
mov_direction(88)			180	233.13	126.87	306.87	180
mov_direction(89)			180	240	90	180	180
mov_direction(90)			180	228.19	180	300	180
mov_direction(91)			180	244.623	180	311.81	180
mov_direction(92)			90	240	250.529	180	180
mov_direction(93)			180	284.478	260.406	180	180
mov_direction(94)			180	233.13	270	180	180
mov_direction(95)			180	258.463	270	180	90
mov_direction(96)			180	270	289.471	36.8699	60
mov_direction(97)	180	90	180		270		90
mov_direction(98)	180	90	36.8699		293.578		180
mov_direction(99)	180	104.478	180		278.213		180
mov_direction(100)	180	99.5941	48.1897	318.59	300	180	318.59
mov_direction(101)	180	120	180	180	300	180	318.59
mov_direction(102)	180	104.478	180	180	311.81	180	284.478
mov_direction(103)	180	90	180	180	318.59	180	270
mov_direction(104)	180	90	180		311.81		258.463
mov_direction(105)	180	90	180		323.13		240
mov_direction(106)	180	180	180	180	289.471	90	228.19
mov_direction(107)	180	180	90	75.5225	180		240
mov_direction(108)	180	180	180	104.478	70.5288		90
mov_direction(109)	180	300	180	98.2132	180	148.997	180
mov_direction(110)	180	180	120	120	180	53.1301	180
mov_direction(111)	180	180		120	221.41	70.5288	180
mov_direction(112)	180	180	90	143.13	180	250.529	180
mov_direction(113)	180	180	90	146.443	221.41	180	131.81
mov_direction(114)	180	180	180	180	233.13	48.1897	109.471
mov_direction(115)	180	323.13	318.59	143.13	233.13	180	90
mov_direction(116)	180	318.59	180	148.997	48.1897	28.955	90
mov_direction(117)	180	300	180	180	131.81	180	60
mov_direction(118)	180	311.81	90	180	300	31.0027	180
mov_direction(119)	180	300	90	180	180	180	228.19
mov_direction(120)	180	293.578	75.5225	143.13	180	180	180
mov_direction(121)	44.4153	318.59	180	180	180	180	270
mov_direction(122)	180	180		180	180	180	306.87
mov_direction(123)	180	323.13		180	180	90	180
mov_direction(124)	31.0027	311.81	180	180	180	290.925	120
mov_direction(125)	180	180	180	180	180	180	311.81
mov_direction(126)	180	326.443	180	180	180	106.602	270
mov_direction(127)	180	180	180	180	180	75.5225	300
mov_direction(128)	240	180	180	180	180	300	180

mov_direction(129)	180	318.59	180	180	180	90	90
mov_direction(130)	126.87	180	180	180	180	90	180
mov_direction(131)	180	311.81	180	180	60	180	60
mov_direction(132)	180	180	180	180	180	90	120
mov_direction(133)	180	318.59	90	180	180	180	180
mov_direction(134)	180	180	120	180	284.478	90	
mov_direction(135)	180	318.59	109.471	180	281.537	180	180
mov_direction(136)	180	323.13	90	180	270	36.8699	180
mov_direction(137)	180	180	90	180	180	70.5288	180
mov_direction(138)	180	180	109.471	180	180	64.6231	180
mov_direction(139)	180	180	90	180	180	73.3985	138.59
mov_direction(140)	180	180	109.471	180	240	78.463	180
mov_direction(141)	180	180	120	180	293.578	90	138.59
mov_direction(142)	180	180	120	180	253.398	75.5225	180
mov_direction(143)	180	180	90	180	270	81.7868	180
mov_direction(144)	180	318.59	180	180	90	131.81	138.59
mov_direction(145)	180	180	120	180	180	106.602	180
mov_direction(146)	180	180	109.471	180	104.478	48.1897	180
mov_direction(147)	180	180	180	180	75.5225	109.471	
mov_direction(148)	180	180	90	180	90	106.602	180
mov_direction(149)	180	180	180	180	120	109.471	60
mov_direction(150)	90	180	180	311.81	138.59	98.2132	180
mov_direction(151)	60	120	90	281.537	126.87	70.5288	240
mov_direction(152)	180	180	240	318.59	180	109.471	180
mov_direction(153)	180	270	240	180	180	90	180
mov_direction(154)	318.59	180	180	180	143.13	120	289.471
mov_direction(155)	180	180	255.522	180	180	78.463	180
mov_direction(156)	315.585	270	300	180	180	90	306.87
mov_direction(157)	180	180	270	180	138.59	90	270
mov_direction(158)	180	180	270	41.4096	180	70.5288	270
mov_direction(159)	180		180	104.478	138.59	66.4218	180
mov_direction(160)	180		240	120	180	75.5225	270
mov_direction(161)	180	180	250.529	113.578	180	53.1301	90
mov_direction(162)	180	180	240	126.87	180	36.8699	48.1897
mov_direction(163)	180	90	250.529	180	180	25.8419	180
mov_direction(164)	180	90	270	180	180	64.6231	180
mov_direction(165)	180	270	270	180	180	81.7868	180
mov_direction(166)	180	180	270	180	138.59	100.807	180
mov_direction(167)	180	240	180	180	180		311.81
mov_direction(168)	180	180	270	180	180		270
mov_direction(169)	180	180	289.471	180	180	78.463	240
mov_direction(170)	180	70.5288	300	180	180	180	180
mov_direction(171)	180	36.8699	270	180	180	180	180
mov_direction(172)	180	180	270	180	180	180	180
mov_direction(173)	180	48.1897	270	180	143.13	180	180
mov_direction(174)	180	70.5288		211.003	180	180	180
mov_direction(175)	180	90	180	180	180	180	180
mov_direction(176)	180	60	60	224.415	180	180	180
mov_direction(177)	180	104.478	180	180	143.13	180	180
mov_direction(178)	180	90	300	180	180	180	180

mov_direction(179)	180	104.478	180	180	180	180	
mov_direction(180)	90	90	180	180	180	180	180
mov_direction(181)	180	104.478	180	180	180	180	180
mov_direction(182)	138.59	90	270	180	143.13	180	48.1897
mov_direction(183)	180	90	270	180	180	180	60
mov_direction(184)	180	131.81	289.471	180	180	180	270
mov_direction(185)	180	90	270	180	143.13	180	180
mov_direction(186)			270	180	180	180	180
mov_direction(187)			311.81	180	180	323.13	180
mov_direction(188)			270	180	138.59	180	311.81
mov_direction(189)			300	180	180	180	180
mov_direction(190)	270	90	284.478	180		250.529	180
mov_direction(191)	318.59	138.59	270	180	270	240	323.13
mov_direction(192)	323.13	90	318.59	180	323.13	180	306.87
mov_direction(193)	323.13	120	300	213.557	300	41.4096	300
mov_direction(194)	180	131.81	180	211.003	270	180	306.87
mov_direction(195)	180	109.471	180	250.529	270	70.5288	270
mov_direction(196)	180	131.81	180	180	270	270	279.594
mov_direction(197)	180	90	240	180	270	180	260.406
mov_direction(198)	180	109.471	180	180	270	270	270
mov_direction(199)	180	120	180	180	279.594	66.4218	131.81
mov_direction(200)	180	113.578	180	180	279.594	90	180
mov_direction(201)	180	109.471	36.8699	180	289.471	90	
mov_direction(202)	180	120	180	180	289.471	180	180
mov_direction(203)	180	131.81	180	180	293.578	180	180
mov_direction(204)	180	104.478	180	180	270	293.578	270
mov_direction(205)	180	180	270	180	300	250.529	104.478
mov_direction(206)	180	90	180	180	315.585	180	90
mov_direction(207)	180	180	180	180	180	250.529	75.5225
mov_direction(208)	180	180	180	180	270	180	90
mov_direction(209)	180	180	180	180	180		109.471
mov_direction(210)	180	180	180	180	180		131.81
mov_direction(211)	180	270	180	180	300	180	120
mov_direction(212)	180	90	180	180	180	180	109.471
mov_direction(213)	221.41	300	41.4096	211.003	180	180	104.478
mov_direction(214)	258.463	180	180	180	180	31.0027	109.471
mov_direction(215)	270	180	180	216.87	180	180	101.537
mov_direction(216)	270	270	180	180	180	101.537	90
mov_direction(217)	270	180	180	180	180	90	90
mov_direction(218)	270	90	180	180	180	90	180
mov_direction(219)	289.471	180	180	180	180	109.471	90
mov_direction(220)	289.471	180	48.1897	180	180	113.578	90
mov_direction(221)	289.471	180	180	36.8699	180	120	180
mov_direction(222)	293.578	180	180	75.5225	120	90	
mov_direction(223)	311.81	180	180	78.463	90	180	180
mov_direction(224)	270	180	180	109.471	60	109.471	180
mov_direction(225)	304.85	180	90	104.478	60	113.578	180
mov_direction(226)	318.59	180	90	104.478	126.87	109.471	250.529
mov_direction(227)	306.87	180	180	126.87	113.578	90	180
mov_direction(228)	306.87	180	180	180	135.585	120	180

mov_direction(229)	293.578	180	90	180	180	81.7868	180
mov_direction(230)	180	180	180	180	180	80.4059	180
mov_direction(231)	300	180	300	180	180	143.13	216.87
mov_direction(232)	326.443	180	180	180	180	90	240
mov_direction(233)	284.478	180	180	180	180	180	228.19
mov_direction(234)	323.13	180	270	143.13	180	180	250.529
mov_direction(235)	180	180	180	180	180	180	250.529
mov_direction(236)	323.13	180	180	180	180	180	250.529
mov_direction(237)	180	180	120	180	180	180	250.529
mov_direction(238)	180	180	90	180	224.415	240	258.463
mov_direction(239)	315.585	180	180	180	255.522	293.578	270
mov_direction(240)	180	180	90	180	284.478	270	289.471
mov_direction(241)	315.585	180	70.5288	90	284.478	270	281.537
mov_direction(242)	318.59	180	180	70.5288	270	270	281.537
mov_direction(243)	326.443	180	240	143.13	270	270	318.59
mov_direction(244)	180	180	326.443	135.585	308.682	281.537	270
mov_direction(245)	311.81	180	311.81	126.87	281.537	306.87	289.471
mov_direction(246)	306.87	180	180	120	180	289.471	270
mov_direction(247)	270	180	90	104.478	180	279.594	180
mov_direction(248)	289.471	180	180	104.478	90	278.213	289.471
mov_direction(249)	293.578	180	60	120	60	270	270
mov_direction(250)	289.471	180	180	115.377	180	286.602	180
mov_direction(251)	284.478	180	180	113.578	216.87	284.478	180
mov_direction(252)	278.213	180	180	124.85	258.463	270	180
mov_direction(253)	289.471	180	240	106.602	180	289.471	180
mov_direction(254)	300	180	228.19	120	180	255.522	180
mov_direction(255)	281.537	180	180	90	240	270	180
mov_direction(256)	311.81	180	180	90	240	233.13	180
mov_direction(257)	240	36.8699	240	109.471	221.41	233.13	180
mov_direction(258)	289.471	180	270	109.471	216.87	260.406	180
mov_direction(259)	311.81	180	180	104.478	216.87	224.415	180
mov_direction(260)	270	53.1301	180	120	233.13	216.87	180
mov_direction(261)	304.85	180	270	180	218.942	228.19	180
mov_direction(262)	270	36.8699	300	216.87		216.87	180
mov_direction(263)	286.602	180	250.529	180	120	233.13	180
mov_direction(264)	311.81	33.5573	180	180	180	224.415	180
mov_direction(265)	240	180	270	180	180	224.415	180
mov_direction(266)	306.87	180	270	41.4096	311.81	228.19	180
mov_direction(267)	240	70.5288	270	180	323.13	211.003	180
mov_direction(268)	293.578	70.5288	300	41.4096	323.13	240	180
mov_direction(269)	255.522	180	270	36.8699	323.13	180	180
mov_direction(270)	281.537	60	270	53.1301	326.443	213.557	180
mov_direction(271)	270	180	311.81	53.1301	326.443	250.529	180
mov_direction(272)	284.478	180	180	53.1301	180	180	180
mov_direction(273)	289.471	48.1897	270	64.6231	180	213.557	180
mov_direction(274)	289.471	180	289.471	78.463	180	180	180
mov_direction(275)	306.87	180	300	90	113.578	180	180
mov_direction(276)	300	180		90	113.578	221.41	
mov_direction(277)	293.578	180	270	112.024	120	300	180
mov_direction(278)	304.85	48.1897	311.81	180	113.578	311.81	180

mov_direction(279)	284.478	180	180	106.602	120	101.537	180
mov_direction(280)	300	60	270	131.81	120	41.4096	180
mov_direction(281)	281.537	180	289.471	126.87	138.59	180	180
mov_direction(282)	300	180	270	180	143.13	180	180
mov_direction(283)	278.213	180	270	131.81	180		180
mov_direction(284)	270		300	180		60	120
mov_direction(285)	270		300	126.87		120	90
mov_direction(286)	293.578		180	180		90	180
mov_direction(287)	270		289.471	90		180	90
mov_direction(288)	284.478		180	270		180	180
mov_direction(289)	270	180	180	228.19	270	180	90
mov_direction(290)	279.594	180	180	233.13	279.594	180	120
mov_direction(291)	270		180	258.463	293.578	180	90
mov_direction(292)	240		300	255.522	289.471	180	101.537
mov_direction(293)	253.398	180	180	253.398	304.85	180	180
mov_direction(294)	250.529	180	300	279.594	323.13	180	90
mov_direction(295)	246.422	270	180	284.478	318.59	180	90
mov_direction(296)	228.19	270	180	304.85	323.13	180	
mov_direction(297)	233.13	138.59	131.81	311.81	180	180	90
mov_direction(298)	255.522		180	180	180	180	180
mov_direction(299)	233.13	180	180	180	311.81	180	90
mov_direction(300)	228.19	180		180	180	180	180
mov_direction(301)	180	180		180	180	180	
mov_direction(302)	213.557	90		41.4096	109.471	180	
mov_direction(303)	228.19	60		33.5573	180	180	
mov_direction(304)	180	120		75.5225	180	180	
mov_direction(305)	228.19	60		53.1301	180		
mov_direction(306)	180	180		70.5288	180	180	
mov_direction(307)	240	104.478		80.4059		221.41	
mov_direction(308)	213.557	70.5288		53.1301		270	
mov_direction(309)	233.13	90		80.4059		270	
mov_direction(310)	240	120				180	
mov_direction(311)	233.13	120				180	
mov_direction(312)	213.557	180		180		180	
mov_direction(313)	216.87	180		135.585	60	180	
mov_direction(314)	180	180		109.471	90	180	
mov_direction(315)	180	180	270	60	48.1897	180	240
mov_direction(316)	180	180		180	48.1897	180	228.19
mov_direction(317)	180	180	270	126.87	41.4096	180	228.19
mov_direction(318)	180	180	270	180	36.8699	180	228.19
mov_direction(319)	180	180	270	180	36.8699	180	240
mov_direction(320)	148.997	180	270	90	36.8699	180	228.19
mov_direction(321)	180	180	270	180	180	180	240
mov_direction(322)	180	216.87		180	180	180	
mov_direction(323)	180	180		180	36.8699	131.81	
mov_direction(324)	253.398	180	180	180	180	221.41	221.41
mov_direction(325)	180	180	270	180	180	300	180
mov_direction(326)	180	180	180	240	180	180	180
mov_direction(327)	180	180	289.471	250.529	36.8699	240	180
mov_direction(328)	180	180	180	270	180	180	180

mov_direction(329)	180	221.41	270	300	41.4096	213.557	180
mov_direction(330)	180	180	240	311.81	180	255.522	180
mov_direction(331)	233.13	228.19	300	323.13	180	233.13	180
mov_direction(332)	216.87	180		180	180	258.463	
mov_direction(333)	180	180		180	180	233.13	
mov_direction(334)	180	180	180	180	180	253.398	180
mov_direction(335)	180	180	240	180	180	250.529	180
mov_direction(336)	180	228.19	270	180	180	246.422	131.81
mov_direction(337)	180	180	180	180	180	270	180
mov_direction(338)	180	180		31.0027	180	253.398	
mov_direction(339)	180	90		180	180	260.406	
mov_direction(340)	323.13	180	180	90	180	246.422	180
mov_direction(341)	311.81	180	300	48.1897	180	250.529	138.59
mov_direction(342)	300	180	270	48.1897	180	270	180
mov_direction(343)	315.585	180	300	180	180	270	126.87
mov_direction(344)	293.578	90	270	60	270	270	180
mov_direction(345)	306.87	90	180	36.8699	180	180	120
mov_direction(346)	318.59	60	289.471	60	180	270	143.13
mov_direction(347)	289.471	48.1897	180	60	180	180	90
mov_direction(348)	306.87	53.1301	289.471	53.1301	180	180	180
mov_direction(349)	180	180	180	60	323.13	323.13	131.81
mov_direction(350)	293.578	180	270	66.4218	180	315.585	120
mov_direction(351)	300	180	180	90	318.59	323.13	126.87
mov_direction(352)	270	180	90	70.5288	318.59	326.443	180
mov_direction(353)	180	31.0027	90	73.3985	180	180	180
mov_direction(354)	180	180	180	48.1897	306.87	326.443	126.87
mov_direction(355)	180	180	180	73.3985	318.59	180	180
mov_direction(356)	180	180	180	41.4096	306.87	180	180
mov_direction(357)	180	180	180	78.463	180	180	180
mov_direction(358)	180	180	180	48.1897	289.471	180	270
mov_direction(359)	60	180	180	60	180	180	270
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)	5.83095	5	4	8.544	8.48528	3.60555	2.82843
velocity(2)	1	3.60555	8	9.43398	3.60555	6.40312	0
velocity(3)	1	5.09902	1	8.24621	5	1	1
velocity(4)	1.41421	6.32456	3.60555	3.60555	3	0	2
velocity(5)	1.41421	29.9666	2	5.65685	4.47214	12.6491	0
velocity(6)	2.23607	5.38516	12.8062	4	4.47214	2.82843	1
velocity(7)	3.16228	4.12311	0	4.12311	7.28011	4.47214	0
velocity(8)	3.60555	4.12311	4.47214	10	2.23607	14.3178	0
velocity(9)	6.40312	6.40312	3	10	4.47214	3.16228	3.16228
velocity(10)	9.84886	5	1	4.12311	6.7082	1.41421	1.41421
velocity(11)	2.23607	2.23607	8.544	8.06226	5.38516	6.40312	1.41421
velocity(12)	4.47214	5	2.23607	10	4.47214	15.5242	0
velocity(13)	4.47214	4.24264	0	2	6.32456	3.60555	0
velocity(14)	0	6	5	8	6.40312	17.1172	0
velocity(15)	2	6.08276	16.4924	10.0499	10	11.7047	1.41421
velocity(16)	6.32456	4.47214	5.65685	2	2	9.05539	1
velocity(17)	2.23607	4.12311	8.06226	10.198	2	12.6491	0
velocity(18)	2	2	7.2111	2	0	2.82843	0

velocity(19)	3	6.08276	10.6301	10.7703	0	2	2
velocity(20)	1	0	4	7.81025	2.23607	3.60555	0
velocity(21)	5	3.60555	26.0768	8.544	4	2.23607	2
velocity(22)	15	8	2	7.61577	5.38516	17.4929	2
velocity(23)	8.24621	1	0	8.06226	5	4.12311	1
velocity(24)	8.544	6.32456	3.60555	2.23607	3.60555	3	1.41421
velocity(25)	7.2111	36.8917	2	7.2111	6.7082	5.38516	3.16228
velocity(26)	0	0	0	0	0	0	0
velocity(27)	10	3.60555	5.65685	6.7082	6	5.65685	2.82843
velocity(28)	6.40312	3.60555	0	6.08276	5	6.7082	2.82843
velocity(29)	3.60555	4	4	10.6301	3	17	2.23607
velocity(30)	6	5	6	4.47214	4.47214	3.16228	2.82843
velocity(31)	22	5.38516	2.23607	10.0499	6.7082	4.47214	1
velocity(32)	9.05539	5.38516	8.24621	10.4403	5.38516	2	2.23607
velocity(33)			2.23607	6.08276	3.60555	11.3137	1.41421
velocity(34)			2	6.32456	8.24621	5.65685	32.249
velocity(35)			6.32456	8.24621	2.23607	19.9249	11.6619
velocity(36)			0	6.32456	3	4.12311	2.82843
velocity(37)			3	7.07107	4	3.16228	3.60555
velocity(38)			8.06226	7.61577	3.60555	7.81025	7.81025
velocity(39)			2	6.08276	2.82843	22.4722	12.7279
velocity(40)	0.00E+00	0.00E+00	1	4.12311	5	2.23607	2
velocity(41)	2.23607	6.08276	9.48683	8.06226	5.09902	2	5
velocity(42)	1.41421	3.60555	1.41421	8.60233	8.94427	2	1
velocity(43)	1	5.38516	0	7.81025	6.08276	8.06226	1.41421
velocity(44)	2	5.38516	2	9.43398	4.47214	13.6015	2.23607
velocity(45)	4	3.16228	2.23607	6.7082	5	3	6.32456
velocity(46)	4.24264	1	2.82843	9.21954	9.43398	4.12311	12.8062
velocity(47)	4.12311	6.7082	3	3.60555	5.83095	4	10.8167
velocity(48)	5	3.16228	21.2603	8.48528	5	4	22.8254
velocity(49)	10.198	6.40312	4.47214	8.24621	4	6.32456	1.41421
velocity(50)	2.82843	4.12311	5.65685	2	6.40312	3	2.82843
velocity(51)	4.47214	5.65685	2.82843	1	2	24.4131	2.23607
velocity(52)	5	6.40312	2.23607	3	1	0	3
velocity(53)	2.82843	3.16228	2	0	4.12311	2	1
velocity(54)	3	3.16228	8.06226	4.47214	4.12311	2.82843	3.60555
velocity(55)	3.60555	2	18.3576	2	2.82843	2.23607	2.23607
velocity(56)	2	4.12311	3.16228	0	4	5.38516	2
velocity(57)	0	2	26	1.41421	4.47214	3.16228	2
velocity(58)	3.60555	2.23607	5.38516	1.41421	2.82843	6.40312	5
velocity(59)	3.60555	0	4.12311	2.23607	7.61577	2	9
velocity(60)	1	1	3.60555	2	6.40312	4	12.8062
velocity(61)	4.12311	2	4.47214	2	2.23607	3.16228	6.7082
velocity(62)	8.24621	3	3.60555	2.23607	2.82843	0	8.06226
velocity(63)	2.23607	1.41421	2	1.41421	2	1.41421	7.07107
velocity(64)	9.84886	2.23607	4.24264	1	0	2.23607	7.07107
velocity(65)	8.06226	1	2.23607	2	3	3	5
velocity(66)	4	1	1	2.82843	4.12311	1	7.2111
velocity(67)	6.7082	2	2.23607	5.65685	2.23607	4.12311	6.32456
velocity(68)	7.28011	2.23607	2	2	1	4	5

velocity(69)	12.0416	2.23607	2	3.16228	2.23607	3	3.60555
velocity(70)	6.32456	2.23607	4	4.47214	1	2.23607	5.65685
velocity(71)	2	3.60555	4	2.23607	6	16.1555	5.65685
velocity(72)	0	6.7082	2.82843	8.94427	3	12.53	2.82843
velocity(73)	2.82843	2.23607	21.5407	4.47214	0	5	5.38516
velocity(74)	2	5.65685	2.23607	6.08276	2.23607	6.32456	18.2483
velocity(75)	10.198	5	20.6155	4	2.23607	24.5967	5.83095
velocity(76)	1	1	2	2.82843	2.23607	2.23607	9.48683
velocity(77)	4.24264	3.16228	4.47214	6.32456	6.08276	4	7.28011
velocity(78)	13.1529	2.82843	2.82843	3.60555	4	6.32456	6.08276
velocity(79)	1.41421	6.08276	5.38516	6.40312	4	10.6301	4.12311
velocity(80)	2.82843	2	1	3.16228	4	2	6.08276
velocity(81)	2.82843	4.12311	4.12311	5.09902	4.12311	0	6.08276
velocity(82)	2.82843	2.23607	2.82843	4.12311	5	8.24621	4.12311
velocity(83)	2	6.08276	2.23607	5.65685	6.40312	2	7.81025
velocity(84)	4.47214	3.60555	2	8.544	4	3.60555	21.5407
velocity(85)	2.23607	4.12311	6.32456	2.23607	6.32456	10.4403	10.6301
velocity(86)	2	4.12311	2	6.32456	0	2	9.21954
velocity(87)	6.08276	1.41421	5.65685	2	2	7.2111	8
velocity(88)			2	8.06226	8.544	4.12311	7.81025
velocity(89)			0	4	1.41421	1	25.4951
velocity(90)			6.32456	3.60555	5.83095	6.40312	2.82843
velocity(91)			4	8.94427	1.41421	8.06226	1
velocity(92)			2	4	4.12311	2	4
velocity(93)			2	8.24621	2.82843	2	4.12311
velocity(94)			3	5.38516	0	6.08276	4.12311
velocity(95)			4.24264	6.08276	2	6.7082	2
velocity(96)	0.00E+00	0.00E+00	3.60555	5.83095	2.82843	3	1
velocity(97)	12.6491	2	2.23607		6		2.23607
velocity(98)	8.48528	2.23607	6.08276		1		2.23607
velocity(99)	2.82843	5.38516	2.82843	0.00E+00	5.65685	0.00E+00	1
velocity(100)	7.81025	8.544	4.12311	3.60555	4.47214	1	19.105
velocity(101)	4.12311	2	2.23607	4.47214	4.12311	6.7082	18.3848
velocity(102)	10.4403	5	3.60555	8.24621	2.23607	2.23607	5.38516
velocity(103)	2.23607	4.12311	4.24264	4.47214	12.3693	7.2111	3.60555
velocity(104)	2.82843	2.23607	3.16228		10.7703		4
velocity(105)	6.32456	1	1	0.00E+00	6.32456	0.00E+00	2.23607
velocity(106)	5.09902	2.23607	4.47214	2	4.47214	2	1.41421
velocity(107)	5.83095	1.41421	2	4.12311	2		0
velocity(108)	4.47214	1	1	1	2	0.00E+00	3.60555
velocity(109)	7.2111	2.23607	2	10	2.82843	13.0384	1
velocity(110)	2	4.24264	2	2.23607	5.65685	6.08276	1
velocity(111)	4	1	1.41421	8.06226	2.82843	14.3178	1
velocity(112)	6.7082	2	8.24621	4.12311	7.2111	11.4018	2.23607
velocity(113)	1	0	5.83095	7.81025	3	2.23607	2.82843
velocity(114)	4.47214	1	2	7	6.08276	6.32456	3.60555
velocity(115)	11.1803	2.82843	7.61577	5	4.12311	3.60555	2.82843
velocity(116)	4.12311	2.23607	1	7.81025	2.23607	11.4018	2.82843
velocity(117)	3	0	1	3.60555	2	4.12311	3
velocity(118)	10.198	2	2.23607	7.2111	3.16228	6.40312	2

velocity(119)	2.82843	0	2	5	0	4.47214	3
velocity(120)	4.12311	5	4.12311	4	2.23607	7.2111	2.82843
velocity(121)	8.24621	6	2.23607	9	1	3.16228	4
velocity(122)	2.82843	1.41421		2.82843	2	7.07107	29
velocity(123)	2.23607	5.83095	0.00E+00	10.198	2.82843	0	17.4642
velocity(124)	9.43398	7.61577	31.0644	2.82843	4.47214	18.3848	4.47214
velocity(125)	5	3.16228	2	8.06226	3.60555	10.7703	5
velocity(126)	1	6.40312	2	2.23607	6.7082	26.4008	5
velocity(127)	1.41421	5	3	6.08276	4.12311	2.23607	26.4197
velocity(128)	27.5136	3	3.60555	6.32456	6.32456	8.24621	3.16228
velocity(129)	20.2485	2.82843	2.23607	6	4.12311	4.12311	4.47214
velocity(130)	7.61577	8.544	1.41421	8.544	8.06226	5.65685	1.41421
velocity(131)	9.21954	3.16228	2	5	1	2.23607	2.23607
velocity(132)	8.24621	3.60555	1	5.09902	8.544	3.60555	4.47214
velocity(133)	6.32456	5	0	7.28011	0	24.6982	0
velocity(134)	6.08276	3	2.82843	4.24264	3.60555	8.544	2
velocity(135)	6.08276	6.32456	1	8.544	2.23607	4.47214	1
velocity(136)	22.4722	8.06226	5	3.60555	2	5	4
velocity(137)	4.24264	1	2.82843	6.08276	4	6	3.60555
velocity(138)	3.16228	3.60555	3.60555	5	2.82843	6.08276	4.47214
velocity(139)	6.7082	8.06226	2.23607	8.24621	3.60555	20.5183	4
velocity(140)	4.12311	1	4	4	7.28011	2	3.60555
velocity(141)	2.23607	9.05539	1.41421	8.544	3.16228	5.38516	5
velocity(142)	2	0	2.23607	8.94427	5.38516	2.23607	2.82843
velocity(143)	8.24621	2.23607	5	2.82843	2	8	6
velocity(144)	2	6.7082	3.16228	8.06226	1	3	5
velocity(145)	4.47214	0	5	8.24621	3.60555	7.07107	2.23607
velocity(146)	4	2	2.82843	2.23607	2.82843	3	0
velocity(147)	2.82843	6.32456	4	2	5	5	0
velocity(148)	6.32456	0	4.47214	6.08276	5.83095	6.32456	0
velocity(149)	2.82843	7.2111	4.47214	1	3.60555	3.60555	0
velocity(150)	4	2.82843	2.23607	29.0689	1	7.07107	1
velocity(151)	1	2	2.82843	8.544	1	4	3.60555
velocity(152)	2.23607	2.23607	3.60555	11.7047	1.41421	6	5.65685
velocity(153)	2.23607	1	2.23607	12.1655	4.12311	4.47214	0
velocity(154)	21.587	4.47214	6.32456	28.7924	2	10	1
velocity(155)	2	2	2	3	4.24264	3.60555	5
velocity(156)	25.0799	2	3.16228	5.38516	3.60555	6.7082	4
velocity(157)	3.16228	1	0	2.23607	4.47214	6.32456	1
velocity(158)	4.12311	0	1.41421	8.06226	4.12311	6	0
velocity(159)	2	1	7.61577	2	3.16228	8.94427	3.60555
velocity(160)	0	0	2.82843	2	3.16228	17	0
velocity(161)	4	1	2	4	6.32456	1	4
velocity(162)	7.07107	1	5	4.47214	3.16228	6	0
velocity(163)	14.2127	3	2.23607	2.82843	1	13.8924	1
velocity(164)	2.82843	1.41421	2.82843	6.08276	4.12311	23.5372	4.47214
velocity(165)	3.16228	2.23607	2.82843	4.12311	6.7082	18.0278	3.16228
velocity(166)	5	2.23607	2	5	2.82843	21.095	7.2111
velocity(167)	4.47214	1	4.47214	5.83095	8.60233		4
velocity(168)	2.23607	3	2.23607	5.09902	1.41421	0.00E+00	5

velocity(169)	2.23607	2.82843	4	6	6.7082	18.6011	4.24264
velocity(170)	4.47214	3.60555	2.23607	7.2111	3.60555	31.257	2.82843
velocity(171)	2	3.16228	2	4.12311	7.2111	4.47214	4
velocity(172)	4.12311	2.82843	4.12311	4	2	9.21954	4.47214
velocity(173)	8.24621	4.12311	2.82843	6.32456	9.21954	7.28011	1
velocity(174)	2	2.82843	2	7.81025	2.23607	6.32456	2
velocity(175)	4	3.16228	4	4.12311	5.83095	8.544	0
velocity(176)	6.08276	1.41421	2	7.2111	2.82843	4	2
velocity(177)	5.09902	3.60555	1	4.12311	4.12311	10.7703	2
velocity(178)	3.16228	2.23607	4.47214	5	5.65685	3.60555	2
velocity(179)	4.12311	4.47214	3	8.94427	2.23607	6.32456	0
velocity(180)	6.32456	3.60555	2	2	6.40312	8	0
velocity(181)	1.41421	5.38516	7.2111	8.94427	3.60555	5	5.65685
velocity(182)	3	0	2	2	8.48528	4.47214	2.82843
velocity(183)	4	6	0	8	2.23607	7.81025	3.60555
velocity(184)	1.41421	2.82843	2.82843	4	2.23607	4.47214	1
velocity(185)	2.82843	1	2	6.32456	6.7082	7.28011	0
velocity(186)			6.40312	6.32456	1	7.28011	2
velocity(187)			2.23607	4	4.12311	3.60555	0
velocity(188)			4	6.32456	5.38516	9	3
velocity(189)	0.00E+00	0.00E+00	2.82843	6.08276	0	2.23607	1
velocity(190)	2.82843	5.38516	6	8.24621	2.82843	3.60555	5.09902
velocity(191)	1	4.12311	2	7.07107	2.23607	37.3363	4.12311
velocity(192)	2.82843	3.16228	6	5.83095	6.40312	2	2
velocity(193)	4.24264	4.47214	5.65685	8.544	1	9.84886	4.12311
velocity(194)	2.82843	2.23607	2.82843	9.21954	3	6.40312	2.82843
velocity(195)	4.12311	6.08276	2.23607	3.16228	0	17	2.23607
velocity(196)	2.23607	2.23607	2.82843	3.60555	1	5.09902	1
velocity(197)	6.08276	2.82843	1.41421	4.47214	6	25.632	4
velocity(198)	4.47214	4.12311	5	5.65685	3.60555	10	0
velocity(199)	7.2111	3	1	6.40312	3.60555	25.5539	1.41421
velocity(200)	3.60555	7.81025	6.08276	10.8167	5.65685	3.16228	7.07107
velocity(201)	5	2.23607	2.23607	4.12311	4.12311	6.40312	2.23607
velocity(202)	8.544	6	3	8.24621	4.12311	10.6301	22.561
velocity(203)	2	2.23607	2	10	4.47214	1	7.07107
velocity(204)	11.3137	6	1	6.7082	2	10.0499	11.7047
velocity(205)	6.32456	3	5	4.47214	10	3	12.0416
velocity(206)	4.47214	2	3.60555	7.28011	10	0	17.2627
velocity(207)	5.38516	2.23607	6	4.24264	5	6.7082	10.0499
velocity(208)	2.82843	5.83095	1.41421	10.0499	6.7082	1	23.8537
velocity(209)	0	1.41421	5.09902	8	3.16228		2.23607
velocity(210)	1	2.23607	3	4.47214	6.08276	0.00E+00	2.82843
velocity(211)	6.40312	6.40312	4	8	3	13.1529	1.41421
velocity(212)	9.43398	0	3.60555	2.23607	5.65685	3.60555	4.12311
velocity(213)	10.4403	0	4.47214	10.198	2.23607	1	4.24264
velocity(214)	8.544	0	1	2	4.47214	7.61577	5
velocity(215)	8.544	3	6.08276	6.7082	7.81025	8.06226	5
velocity(216)	6.32456	21.1896	3.60555	2.82843	3	7.61577	2.23607
velocity(217)	20.2485	2.82843	3.60555	38.0789	5.38516	5.38516	3
velocity(218)	4.12311	7.07107	1	38.0526	4	2.23607	1.41421

velocity(219)	5.83095	21.6333	1.41421	13.0384	3.16228	4	2.23607
velocity(220)	2.23607	4	5	9.84886	7.28011	3.60555	2.23607
velocity(221)	2.82843	17.0294	2.82843	11.0454	0	6.32456	0
velocity(222)	4.47214	3	5.38516	6.08276	2.82843	5.09902	0
velocity(223)	4	0	2	10.7703	1.41421	3.60555	3
velocity(224)	2	2	2.23607	4.12311	1.41421	0	2.23607
velocity(225)	8.06226	3.16228	2	7.28011	9.05539	0	2.82843
velocity(226)	3.60555	2	4	7.81025	1	8	1
velocity(227)	6.08276	2.23607	2	6.08276	4.47214	6.7082	21.2132
velocity(228)	4.47214	6	7.2111	8.544	6	8.94427	6.32456
velocity(229)	4	2	2	29.6985	2	5.38516	5
velocity(230)	6.40312	2.23607	0	4	5.09902	8.06226	22.8473
velocity(231)	5.09902	2.23607	2.23607	4.47214	8.544	4.12311	0
velocity(232)	8.94427	4.12311	2.23607	8.06226	3	9.21954	3.16228
velocity(233)	3.60555	4.12311	0	6	5.65685	12.53	8.24621
velocity(234)	8.06226	4	2	5.38516	4.12311	5	4.47214
velocity(235)	4.12311	4.12311	2	9.89949	5.65685	22	2
velocity(236)	4.12311	2	2	4	6	3	4.47214
velocity(237)	6.08276	8.24621	5.65685	8.24621	4.47214	12.2066	4
velocity(238)	2	1	1	3.60555	8.94427	2.23607	4.47214
velocity(239)	7.2111	2	1	8.48528	1	7.07107	5.38516
velocity(240)	4.47214	4.12311	6	2.82843	4.47214	26.0192	1.41421
velocity(241)	5	0	2	4	2.23607	8.06226	6.08276
velocity(242)	6.7082	6.32456	1	2	6.40312	7.2111	4
velocity(243)	5	3.60555	5.09902	3.60555	2.23607	8.24621	4
velocity(244)	6.40312	3.60555	8.94427	10.7703	8.06226	5.65685	2.23607
velocity(245)	2	3.16228	0	5	5	23.0868	4.12311
velocity(246)	8.94427	2.23607	3	8.544	7.2111	4	2.23607
velocity(247)	2.23607	6.08276	1	7.81025	2	5	5
velocity(248)	6	2.23607	3	8.48528	2	6	2.23607
velocity(249)	5.38516	2.23607	2	5	3	2	0
velocity(250)	5	6	3.60555	9.21954	4.24264	8.24621	0
velocity(251)	2	2	0	5.83095	6.40312	4	2
velocity(252)	10.0499	4	2.23607	6.7082	2	8.06226	0
velocity(253)	3.60555	6.32456	2.82843	8.06226	2	2.23607	5.38516
velocity(254)	2.23607	2	0	3.16228	2.23607	6.08276	5
velocity(255)	6.08276	4.12311	0	3.60555	5.09902	2.23607	3
velocity(256)	5.38516	2.82843	2.82843	10.7703	8	4.47214	4.47214
velocity(257)	2.23607	6.32456	0	3.60555	4.12311	8.544	4.47214
velocity(258)	9.21954	2.82843	6	6.08276	4.12311	4.47214	6.32456
velocity(259)	1	2	3	11.1803	7.2111	10	0
velocity(260)	4.12311	6.40312	0	1	3	3.16228	6
velocity(261)	10	3	0	1	9.21954	6.32456	2
velocity(262)	2.23607	7.81025	4.12311	29.5296	2	8.06226	6.7082
velocity(263)	8.94427	3.16228	3.60555	11.1803	0	4.12311	2.23607
velocity(264)	2	8.60233	2	7.07107	4.12311	8.60233	5
velocity(265)	2.23607	4	2	1	5.83095	6.40312	2.82843
velocity(266)	6.7082	7.2111	1	6.32456	3	4.47214	3.60555
velocity(267)	2.23607	2	1	26.2488	4.12311	10	5.09902
velocity(268)	6.7082	2.23607	5.38516	7.81025	3.16228	3	2.23607

velocity(269)	2.23607	5	1	10.8167	6	2.82843	6.40312
velocity(270)	6.32456	2.23607	2.82843	8.06226	6.32456	12.2066	2
velocity(271)	2.23607	1	4.12311	32.249	8.24621	1	3.16228
velocity(272)	4	5.65685	2	3.60555	2.23607	1.41421	7.07107
velocity(273)	3.60555	4.24264	1	7.2111	5	9.43398	1.41421
velocity(274)	3.60555	1	8.94427	6.32456	1	3.60555	5.83095
velocity(275)	7.07107	2.23607	5.38516	8.24621	2	4.24264	4.24264
velocity(276)	0	8.24621	1.41421	4.47214	3.16228	2.82843	0
velocity(277)	6.08276	4.12311	1.41421	10.0499	1	2.82843	2.23607
velocity(278)	8.48528	3	3.60555	2	2	3.60555	2.82843
velocity(279)	4.47214	7.07107	1	10.0499	2.23607	4.47214	2.82843
velocity(280)	4.47214	6.32456	2.23607	4.12311	2.82843	2.82843	4.47214
velocity(281)	4.47214	8	6.08276	7	8.24621	4.47214	2
velocity(282)	2	1.41421	1.41421	3.60555	4.47214	2.82843	2.23607
velocity(283)	8.544	4.24264	2.82843	8.544	7.07107	21.5407	3.60555
velocity(284)	2.23607		3	5.38516		4	4
velocity(285)	6.08276		3.60555	10.0499		6.40312	1
velocity(286)	7.2111		2.82843	1		5	0
velocity(287)	4.47214		4.47214	3.16228		8.06226	0
velocity(288)	4.47214	0.00E+00	4.12311	27.0185	0.00E+00	20.3961	2.23607
velocity(289)	1	5.83095	2.82843	7.2111	1	9.48683	6.7082
velocity(290)	8	2.23607	6	27.1662	4.12311	6	1
velocity(291)	1	0	2.23607	2.23607	2	23.3452	2
velocity(292)	4.12311	0	3	4.24264	1	2.23607	6.08276
velocity(293)	8.24621	1	2	4.24264	2.82843	4.47214	1
velocity(294)	5	3.16228	2	4.47214	4.47214	6.32456	4.12311
velocity(295)	4	1	0	8.06226	5	3.16228	4.12311
velocity(296)	4.47214	2.23607	0	6.32456	3.60555	2.23607	1
velocity(297)	5.38516	4.47214	3.60555	5.09902	9.05539	4.12311	3
velocity(298)	3.60555	3.16228	2	5.09902	8.544	3	1
velocity(299)	7.2111	2.23607	3.60555	6.32456	4.47214	7	8
velocity(300)	4.47214	20.1246	3.60555	2.23607	8.24621	0	1.41421
velocity(301)	3	2		6.32456	5	4.47214	
velocity(302)	7.81025	2.23607		3.60555	3.60555	8.06226	
velocity(303)	2.23607	4		8.06226	3.16228	1.41421	
velocity(304)	9.21954	4.47214		2.23607	3.60555	2.23607	
velocity(305)	6.32456	2.23607		6.7082	4.47214	0	
velocity(306)	7.28011	4.12311		4.12311	0	2.82843	
velocity(307)	4.12311	5		11.1803		19.8494	
velocity(308)	7.61577	1		5		8.24621	
velocity(309)	3	2.82843		10.198		4.47214	
velocity(310)	4.12311	4				3	
velocity(311)	3.60555	9		0.00E+00		22.8254	
velocity(312)	8.544	4		10.6301	0.00E+00	7.07107	
velocity(313)	4	2.23607		6.32456	2	8	
velocity(314)	6.7082	4.12311	0.00E+00	1.41421	2.23607	23.6008	0.00E+00
velocity(315)	3.60555	26.6271	1	2.82843	0	5.38516	0
velocity(316)	7.2111	4	2.23607	4.47214	4.12311	4.12311	2
velocity(317)	2.82843	4.47214	5.09902	6.40312	4.12311	3.60555	2
velocity(318)	9	1.41421	2.23607	1	5.83095	4.12311	0

velocity(319)	3.60555	4.47214	0	2	3	4.47214	1
velocity(320)	7.28011	3.16228	6.32456	3.60555	4.12311	7.2111	5
velocity(321)	5	3.60555	4	4.12311	5	1	2.82843
velocity(322)	7.2111	4.47214		2	2.23607	1.41421	
velocity(323)	1	2	0.00E+00	4.47214	5.65685	3.16228	0.00E+00
velocity(324)	8.94427	4	2.23607	3.60555	5.09902	2	2.23607
velocity(325)	1	2	2	7.2111	6	1	2
velocity(326)	2	3.16228	2	4.47214	5.09902	3.16228	2
velocity(327)	0	3.16228	4.47214	4.47214	3.16228	1	3
velocity(328)	0	2.82843	3	2.82843	6.40312	2	1
velocity(329)	0	4.12311	3.60555	2	4.47214	7.2111	4.47214
velocity(330)	1	2.23607	4.47214	6	10	1	3.60555
velocity(331)	7.2111	4.12311	1	6.32456	3.60555	4.47214	0
velocity(332)	12.0416	2.23607		2.23607	7.81025	6.32456	
velocity(333)	1	4.47214	0.00E+00	6	2	5	0.00E+00
velocity(334)	1	3	2	6	7.2111	10.0499	2
velocity(335)	3.16228	3.60555	1	2.82843	2.82843	4	0
velocity(336)	2.23607	3.60555	6.32456	7.2111	8.48528	7.2111	0
velocity(337)	0	0	2	2.23607	3.60555	2.23607	2
velocity(338)	4.47214	2		12.1655	8.544	8.544	
velocity(339)	2	2	0.00E+00	2.23607	2.82843	6.32456	0.00E+00
velocity(340)	0	2.23607	3	5.09902	6.32456	3.60555	4.47214
velocity(341)	2.82843	2	7.07107	2.82843	8.24621	10.0499	2
velocity(342)	1.41421	25.318	1	7.2111	5	3.60555	2
velocity(343)	6.40312	12.2066	0	3	3	7	4
velocity(344)	3.60555	6.08276	9	6.7082	2.82843	4.47214	2.82843
velocity(345)	5.38516	4	5	1	2	8.48528	2.23607
velocity(346)	4.12311	9.21954	5.38516	10.6301	6	6	5.65685
velocity(347)	2.82843	7.2111	7.07107	2.23607	5	28.6356	2
velocity(348)	6.40312	7.28011	6.40312	7.81025	8	7.81025	2
velocity(349)	1	25.9615	6.32456	2.23607	3.60555	6.08276	2.82843
velocity(350)	7.81025	2	6.40312	4.47214	5.83095	6.7082	2.23607
velocity(351)	1.41421	2.82843	1	6.7082	2.23607	7.81025	5.38516
velocity(352)	3.16228	3.60555	3.60555	2.82843	4	4	2.82843
velocity(353)	2.82843	6.7082	1.41421	10.0499	2.82843	7.2111	2
velocity(354)	3.60555	2.23607	6.08276	5	7.2111	5.38516	5
velocity(355)	4.47214	2.23607	2	7.07107	3.60555	8.48528	2.23607
velocity(356)	3.60555	5.65685	5.65685	5	6.40312	3	2.23607
velocity(357)	5	4.47214	2.82843	3.60555	1	4.12311	1.41421
velocity(358)	4.47214	2.23607	2.23607	8	4.24264	6.32456	1.41421
velocity(359)	1.41421	5	5.65685	2	1	12.8062	2.23607
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)	-4.83095	-1.39445	4	0.889977	-4.87973	2.79757	-2.82843
acceleration(2)	0	1.49347	-7	-1.18777	1.39445	-5.40312	1
acceleration(3)	0.414214	1.22554	2.60555	-4.64066	-2	-1	1
acceleration(4)	0	23.6421	-1.60555	2.0513	1.47214	12.6491	-2
acceleration(5)	0.821854	-24.5815	10.8062	-1.65685	0	-9.82068	1
acceleration(6)	0.92621	-1.26206	-12.8062	0.123106	2.80797	1.64371	-1
acceleration(7)	0.443274	0	4.47214	5.87689	-5.04404	9.84569	0
acceleration(8)	2.79757	2.28002	-1.47214	0	2.23607	-11.1555	3.16228

acceleration(9)	3.44573	-1.40312	-2	-5.87689	2.23607	-1.74806	-1.74806
acceleration(10)	-7.61279	-2.76393	7.544	3.93915	-1.32304	4.98891	0
acceleration(11)	2.23607	2.76393	-6.30794	1.93774	-0.91303	9.12105	-1.41421
acceleration(12)	0	-0.75736	-2.23607	-8	1.85242	-11.9186	0
acceleration(13)	-4.47214	1.75736	5	6	0.078569	13.5117	0
acceleration(14)	2	0.082763	11.4924	2.04988	3.59688	-5.41254	1.41421
acceleration(15)	4.32456	-1.61063	-10.8356	-8.04988	-8	-2.64931	-0.41421
acceleration(16)	-4.08849	-0.34903	2.4054	8.19804	0	3.59373	-1
acceleration(17)	-0.23607	-2.12311	-0.85116	-8.19804	-2	-9.82068	0
acceleration(18)	1	4.08276	3.41904	8.77033	0	-0.82843	2
acceleration(19)	-2	-6.08276	-6.63015	-2.96008	2.23607	1.60555	-2
acceleration(20)	4	3.60555	22.0768	0.733754	1.76393	-1.36948	2
acceleration(21)	10	4.39445	-24.0768	-0.92823	1.38516	15.2568	0
acceleration(22)	-6.75379	-7	-2	0.446485	-0.38517	-13.3698	-1
acceleration(23)	0.297792	5.32456	3.60555	-5.82619	-1.39445	-1.12311	0.414214
acceleration(24)	-1.3329	30.5672	-1.60555	4.97503	3.10265	2.38516	1.74806
acceleration(25)	-7.2111	-36.8917	-2	-7.2111	-6.7082	-5.38516	-3.16228
acceleration(26)	10	3.60555	5.65685	6.7082	6	5.65685	2.82843
acceleration(27)	-3.59688	0	-5.65685	-0.62544	-1	1.05135	0
acceleration(28)	-2.79757	0.394449	4	4.54738	-2	10.2918	-0.59236
acceleration(29)	2.39445	1	2	-6.15801	1.47214	-13.8377	0.592359
acceleration(30)	16	0.385165	-3.76393	5.57774	2.23607	1.30986	-1.82843
acceleration(31)	-12.9446	0	6.01014	0.390431	-1.32304	-2.47214	1.23607
acceleration(32)	-1.13192	-0.67315	-6.01014	-4.35754	-1.77961	9.31371	-0.82185
acceleration(33)			-0.23607	0.241793	4.64066	-5.65685	30.8348
acceleration(34)			4.32456	1.92166	-6.01014	14.268	-20.5871
acceleration(35)			-6.32456	-1.92166	0.763932	-15.8018	-8.83348
acceleration(36)			3	0.746512	1	-0.96083	0.777124
acceleration(37)			5.06226	0.544705	-0.39445	4.64797	4.2047
acceleration(38)			-6.06226	-1.53301	-0.77712	14.662	4.91767
acceleration(39)			-1	-1.95966	2.17157	-20.2361	-10.7279
acceleration(40)	2.23607	6.08276	8.48683	3.93915	0.09902	-0.23607	3
acceleration(41)	-0.82185	-2.47721	-8.07262	0.540068	3.84525	0	-4
acceleration(42)	-0.41421	1.77961	-1.41421	-0.79208	-2.86151	6.06226	0.414214
acceleration(43)	1	0	2	1.62373	-1.61063	5.53921	0.821854
acceleration(44)	2	-2.22289	0.236068	-2.72578	0.527864	-10.6015	4.08849
acceleration(45)	0.242641	-2.16228	0.592359	2.51134	4.43398	1.12311	6.48169
acceleration(46)	-0.11954	5.7082	0.171573	-5.61399	-3.60303	-0.12311	-1.98959
acceleration(47)	0.876894	-3.54593	18.2603	4.87973	-0.83095	0	12.0088
acceleration(48)	5.19804	3.24085	-16.7882	-0.23907	-1	2.32456	-21.4112
acceleration(49)	-7.36961	-2.28002	1.18472	-6.24621	2.40312	-3.32456	1.41421
acceleration(50)	1.64371	1.53375	-2.82843	-1	-4.40312	21.4131	-0.59236
acceleration(51)	0.527864	0.74627	-0.59236	2	-1	-24.4131	0.763932
acceleration(52)	-2.17157	-3.24085	-0.23607	-3	3.12311	2	-2
acceleration(53)	0.171573	0	6.06226	4.47214	0	0.828427	2.60555
acceleration(54)	0.605551	-1.16228	10.2953	-2.47214	-1.29468	-0.59236	-1.36948
acceleration(55)	-1.60555	2.12311	-15.1953	-2	1.17157	3.1491	-0.23607
acceleration(56)	-2	-2.12311	22.8377	1.41421	0.472136	-2.22289	0
acceleration(57)	3.60555	0.236068	-20.6148	0	-1.64371	3.24085	3
acceleration(58)	0	-2.23607	-1.26206	0.821854	4.78735	-4.40312	4

acceleration(59)	-2.60555	1	-0.51755	-0.23607	-1.21265	2	3.80625
acceleration(60)	3.12311	1	0.866585	0	-4.16706	-0.83772	-6.09804
acceleration(61)	4.12311	1	-0.86659	0.236068	0.592359	-3.16228	1.35405
acceleration(62)	-6.01014	-1.58579	-1.60555	-0.82185	-0.82843	1.41421	-0.99119
acceleration(63)	7.61279	0.821854	2.24264	-0.41421	-2	0.821854	0
acceleration(64)	-1.7866	-1.23607	-2.00657	1	3	0.763932	-2.07107
acceleration(65)	-4.06226	0	-1.23607	0.828427	1.12311	-2	2.2111
acceleration(66)	2.7082	1	1.23607	2.82843	-1.88704	3.12311	-0.88655
acceleration(67)	0.571906	0.236068	-0.23607	-3.65685	-1.23607	-0.12311	-1.32456
acceleration(68)	4.76148	0	0	1.16228	1.23607	-1	-1.39445
acceleration(69)	-5.71704	0	2	1.30986	-1.23607	-0.76393	2.0513
acceleration(70)	-4.32456	1.36948	0	-2.23607	5	13.9194	0
acceleration(71)	-2	3.10265	-1.17157	6.7082	-3	-3.62553	-2.82843
acceleration(72)	2.82843	-4.47214	18.7122	-4.47214	-3	-7.52996	2.55674
acceleration(73)	-0.82843	3.42079	-19.3046	1.61063	2.23607	1.32456	12.8631
acceleration(74)	8.19804	-0.65685	18.3795	-2.08276	0	18.2722	-12.4173
acceleration(75)	-9.19804	-4	-18.6155	-1.17157	0	-22.3607	3.65588
acceleration(76)	3.24264	2.16228	2.47214	3.49613	3.84669	1.76393	-2.20672
acceleration(77)	8.91031	-0.33385	-1.64371	-2.719	-2.08276	2.32456	-1.19735
acceleration(78)	-11.7387	3.25434	2.55674	2.79757	0	4.30559	-1.95966
acceleration(79)	1.41421	-4.08276	-4.38516	-3.24085	0	-8.63015	1.95966
acceleration(80)	0	2.12311	3.12311	1.93674	0.123106	-2	0
acceleration(81)	0	-1.88704	-1.29468	-0.97591	0.876894	8.24621	-1.95966
acceleration(82)	-0.82843	3.84669	-0.59236	1.53375	1.40312	-6.24621	3.68714
acceleration(83)	2.47214	-2.47721	-0.23607	2.88715	-2.40312	1.60555	13.7304
acceleration(84)	-2.23607	0.517554	4.32456	-6.30794	2.32456	6.83476	-10.9105
acceleration(85)	-0.23607	0	-4.32456	4.08849	-6.32456	-8.44031	-1.4106
acceleration(86)	4.08276	-2.70889	3.65685	-4.32456	2	5.2111	-1.21954
acceleration(87)	-0.67586	-0.15714	-3.65685	6.06226	6.544	-3.088	-0.18975
acceleration(88)			-2	-4.06226	-7.12979	-3.12311	17.6848
acceleration(89)			6.32456	-0.39445	4.41674	5.40312	-22.6667
acceleration(90)			-2.32456	5.33872	-4.41674	1.65913	-1.82843
acceleration(91)			-2	-4.94427	2.70889	-6.06226	3
acceleration(92)			0	4.24621	-1.29468	0	0.123106
acceleration(93)			1	-2.86105	-2.82843	4.08276	0
acceleration(94)			1.24264	0.697598	2	0.625441	-2.12311
acceleration(95)			-0.63709	-0.25181	0.828427	-3.7082	-1
acceleration(96)	12.6491	2	-1.36948	-1.94365	3.17157	-1	1.23607
acceleration(97)	-4.16383	0.236068	3.84669		-5		0
acceleration(98)	-5.65685	3.1491	-3.25434		4.65685		-1.23607
acceleration(99)	4.98182	3.15884	1.29468	3.60555	-1.18472	1	18.105
acceleration(100)	-3.68714	-6.544	-1.88704	0.866585	-0.34903	5.7082	-0.7202
acceleration(101)	6.3172	3	1.36948	3.77408	-1.88704	-4.47214	-12.9996
acceleration(102)	-8.20424	-0.87689	0.637089	-3.77408	10.1332	4.97503	-1.77961
acceleration(103)	0.592359	-1.88704	-1.08036	-2.23607	-1.59899	-3.60555	0.394449
acceleration(104)	3.49613	-1.23607	-2.16228		-4.44577		-1.76393
acceleration(105)	-1.22554	1.23607	3.47214	2	-1.85242	2	-0.82185
acceleration(106)	0.731932	-0.82185	-2.47214	2.12311	-2.47214	-1	-1.41421
acceleration(107)	-1.35882	-0.41421	-1	-3.12311	0		3.60555
acceleration(108)	2.73897	1.23607	1	9	0.828427	13.0384	-2.60555

acceleration(109)	-5.2111	2.00657	0	-7.76393	2.82843	-6.95564	0
acceleration(110)	2	-3.24264	-0.58579	5.82619	-2.82843	8.23506	0
acceleration(111)	2.7082	1	6.832	-3.93915	4.38268	-2.91607	1.23607
acceleration(112)	-5.7082	-2	-2.41526	3.68714	-4.2111	-9.16569	0.592359
acceleration(113)	3.47214	1	-3.83095	-0.81025	3.08276	4.08849	0.777124
acceleration(114)	6.7082	1.82843	5.61577	-2	-1.95966	-2.719	-0.77712
acceleration(115)	-7.05723	-0.59236	-6.61577	2.81025	-1.88704	7.7962	0
acceleration(116)	-1.12311	-2.23607	0	-4.2047	-0.23607	-7.27865	0.171573
acceleration(117)	7.19804	2	1.23607	3.60555	1.16228	2.28002	-1
acceleration(118)	-7.36961	-2	-0.23607	-2.2111	-3.16228	-1.93099	1
acceleration(119)	1.29468	5	2.12311	-1	2.23607	2.73897	-0.17157
acceleration(120)	4.12311	1	-1.88704	5	-1.23607	-4.04882	1.17157
acceleration(121)	-5.41778	-4.58579	-1.11803	-6.17157	1	3.90879	25
acceleration(122)	-0.59236	4.41674		7.36961	0.828427	-7.07107	-11.5358
acceleration(123)	7.19791	1.78482	31.0644	-7.36961	1.64371	18.3848	-12.9921
acceleration(124)	-4.43398	-4.4535	-29.0644	5.23383	-0.86659	-7.61445	0.527864
acceleration(125)	-4	3.24085	0	-5.82619	3.10265	15.6304	0
acceleration(126)	0.414214	-1.40312	1	3.84669	-2.5851	-24.1647	21.4197
acceleration(127)	26.0994	-2	0.605551	0.241793	2.20145	6.01014	-23.2574
acceleration(128)	-7.26518	-0.17157	-1.36948	-0.32456	-2.20145	-4.12311	1.30986
acceleration(129)	-12.6327	5.71558	-0.82185	2.544	3.93915	1.53375	-3.05792
acceleration(130)	1.60377	-5.38173	0.585786	-3.544	-7.06226	-3.42079	0.821854
acceleration(131)	-0.97333	0.443274	-1	0.09902	7.544	1.36948	2.23607
acceleration(132)	-1.92166	1.39445	-1	2.18109	-8.544	21.0926	-4.47214
acceleration(133)	-0.24179	-2	2.82843	-3.03747	3.60555	-16.1542	2
acceleration(134)	0	3.32456	-1.82843	4.30136	-1.36948	-4.07187	-1
acceleration(135)	16.3894	1.7377	4	-4.93845	-0.23607	0.527864	3
acceleration(136)	-18.2296	-7.06226	-2.17157	2.47721	2	1	-0.39445
acceleration(137)	-1.08036	2.60555	0.777124	-1.08276	-1.17157	0.082763	0.866585
acceleration(138)	3.54593	4.45671	-1.36948	3.24621	0.777124	14.4355	-0.47214
acceleration(139)	-2.5851	-7.06226	1.76393	-4.24621	3.67456	-18.5183	-0.39445
acceleration(140)	-1.88704	8.05539	-2.58579	4.544	-4.11783	3.38516	1.39445
acceleration(141)	-0.23607	-9.05539	0.821854	0.400268	2.22289	-3.1491	-2.17157
acceleration(142)	6.24621	2.23607	2.76393	-6.11584	-3.38516	5.76393	3.17157
acceleration(143)	-6.24621	4.47214	-1.83772	5.23383	-1	-5	-1
acceleration(144)	2.47214	-6.7082	1.83772	0.183954	2.60555	4.07107	-2.76393
acceleration(145)	-0.47214	2	-2.17157	-6.01014	-0.77712	-4.07107	-2.23607
acceleration(146)	-1.17157	4.32456	1.17157	-0.23607	2.17157	2	0
acceleration(147)	3.49613	-6.32456	0.472136	4.08276	0.830952	1.32456	0
acceleration(148)	-3.49613	7.2111	0	-5.08276	-2.2254	-2.719	0
acceleration(149)	1.17157	-4.38268	-2.23607	28.0689	-2.60555	3.46552	1
acceleration(150)	-3	-0.82843	0.592359	-20.5249	0	-3.07107	2.60555
acceleration(151)	1.23607	0.236068	0.777124	3.1607	0.414214	2	2.0513
acceleration(152)	0	-1.23607	-1.36948	0.460825	2.70889	-1.52786	-5.65685
acceleration(153)	19.351	3.47214	4.08849	16.6268	-2.12311	5.52786	1
acceleration(154)	-19.587	-2.47214	-4.32456	-25.7924	2.24264	-6.39445	4
acceleration(155)	23.0799	0	1.16228	2.38516	-0.63709	3.10265	-1
acceleration(156)	-21.9176	-1	-3.16228	-3.1491	0.866585	-0.38365	-3
acceleration(157)	0.960828	-1	1.41421	5.82619	-0.34903	-0.32456	-1
acceleration(158)	-2.12311	1	6.20156	-6.06226	-0.96083	2.94427	3.60555

acceleration(159)	-2	-1	-4.78735	0	0	8.05573	-3.60555
acceleration(160)	4	1	-0.82843	2	3.16228	-16	4
acceleration(161)	3.07107	0	3	0.472136	-3.16228	5	-4
acceleration(162)	7.1416	2	-2.76393	-1.64371	-2.16228	7.89244	1
acceleration(163)	-11.3842	-1.58579	0.592359	3.25434	3.12311	9.64476	3.47214
acceleration(164)	0.333851	0.821854	0	-1.95966	2.5851	-5.50945	-1.30986
acceleration(165)	1.83772	0	-0.82843	0.876894	-3.87978	3.06727	4.04882
acceleration(166)	-0.52786	-1.23607	2.47214	0.830952	5.7739	-10.5475	-3.2111
acceleration(167)	-2.23607	2	-2.23607	-0.73193	-7.18811		1
acceleration(168)	0	-0.17157	1.76393	0.90098	5.29399	18.6011	-0.75736
acceleration(169)	2.23607	0.777124	-1.76393	1.2111	-3.10265	12.6559	-1.41421
acceleration(170)	-2.47214	-0.44327	-0.23607	-3.088	3.60555	-26.7849	1.17157
acceleration(171)	2.12311	-0.33385	2.12311	-0.12311	-5.2111	4.74741	0.472136
acceleration(172)	4.12311	1.29468	-1.29468	2.32456	7.21954	-1.93943	-3.47214
acceleration(173)	-6.24621	-1.29468	-0.82843	1.48569	-6.98348	-0.95556	1
acceleration(174)	2	0.333851	2	-3.68714	3.59488	2.21945	-2
acceleration(175)	2.08276	-1.74806	-2	3.088	-3.00252	-4.544	2
acceleration(176)	-0.98374	2.19134	-1	-3.088	1.29468	6.77033	0
acceleration(177)	-1.93674	-1.36948	3.47214	0.876894	1.53375	-7.16478	0
acceleration(178)	0.960828	2.23607	-1.47214	3.94427	-3.42079	2.719	-2
acceleration(179)	2.20145	-0.86659	-1	-6.94427	4.16706	1.67544	0
acceleration(180)	-4.91034	1.77961	5.2111	6.94427	-2.79757	-3	5.65685
acceleration(181)	1.58579	-5.38516	-5.2111	-6.94427	4.87973	-0.52786	-2.82843
acceleration(182)	1	6	-2	6	-6.24921	3.33811	0.777124
acceleration(183)	-2.58579	-3.17157	2.82843	-4	0	-3.33811	-2.60555
acceleration(184)	1.41421	-1.82843	-0.82843	2.32456	4.47214	2.80797	-1
acceleration(185)	-0.70711	-0.25	4.40312	0	-5.7082	0	2
acceleration(186)			-4.16706	-2.32456	3.12311	-3.67456	-2
acceleration(187)			1.76393	2.32456	1.26206	5.39445	3
acceleration(188)			-1.17157	-0.24179	-5.38516	-6.76393	-2
acceleration(189)	2.82843	5.38516	3.17157	2.16345	2.82843	1.36948	4.09902
acceleration(190)	-1.82843	-1.26206	-4	-1.17514	-0.59236	33.7308	-0.97591
acceleration(191)	1.82843	-0.96083	4	-1.24012	4.16706	-35.3363	-2.12311
acceleration(192)	1.41421	1.30986	-0.34315	2.71305	-5.40312	7.84886	2.12311
acceleration(193)	-1.41421	-2.23607	-2.82843	0.675541	2	-3.44573	-1.29468
acceleration(194)	1.29468	3.84669	-0.59236	-6.05727	-3	10.5969	-0.59236
acceleration(195)	-1.88704	-3.84669	0.592359	0.443274	1	-11.901	-1.23607
acceleration(196)	3.84669	0.592359	-1.41421	0.866585	5	20.533	3
acceleration(197)	-1.61063	1.29468	3.58579	1.18472	-2.39445	-15.632	-4
acceleration(198)	2.73897	-1.12311	-4	0.74627	0	15.5539	1.41421
acceleration(199)	-3.60555	4.81025	5.08276	4.41353	2.0513	-22.3916	5.65685
acceleration(200)	1.39445	-5.57418	-3.84669	-6.69355	-1.53375	3.24085	-4.835
acceleration(201)	3.544	3.76393	0.763932	4.12311	0	4.22702	20.325
acceleration(202)	-6.544	-3.76393	-1	1.75379	0.34903	-9.63015	-15.49
acceleration(203)	9.31371	3.76393	-1	-3.2918	-2.47214	9.04988	4.63363
acceleration(204)	-4.98915	-3	4	-2.23607	8	-7.04988	0.336895
acceleration(205)	-1.85242	-1	-1.39445	2.80797	0	-3	5.22108
acceleration(206)	0.913029	0.236068	2.39445	-3.03747	-5	6.7082	-7.2128
acceleration(207)	-2.55674	3.59488	-4.58579	5.80723	1.7082	-5.7082	13.8038
acceleration(208)	-2.82843	-4.41674	3.68481	-2.04988	-3.54593	-0.5	-21.6177

acceleration(209)	1	0.821854	-2.09902	-3.52786	2.92048		0.592359
acceleration(210)	5.40312	4.16706	1	3.52786	-3.08276	13.1529	-1.41421
acceleration(211)	3.03086	-6.40312	-0.39445	-5.76393	2.65685	-9.5474	2.70889
acceleration(212)	1.00633	0	0.866585	7.96197	-3.42079	-2.60555	0.119535
acceleration(213)	-1.8963	0	-3.47214	-8.19804	2.23607	6.61577	0.757359
acceleration(214)	0	3	5.08276	4.7082	3.33811	0.446485	0
acceleration(215)	-2.21945	18.1896	-2.47721	-3.87978	-4.81025	-0.44649	-2.76393
acceleration(216)	13.9239	-18.3612	0	35.2504	2.38516	-2.23061	0.763932
acceleration(217)	-16.1254	4.24264	-2.60555	-0.02627	-1.38516	-3.1491	-1.58579
acceleration(218)	1.70785	14.5622	0.414214	-25.0142	-0.83772	1.76393	0.821854
acceleration(219)	-3.59488	-17.6333	3.58579	-3.18955	4.11783	-0.39445	0
acceleration(220)	0.592359	13.0294	-2.17157	1.1965	-7.28011	2.719	-2.23607
acceleration(221)	1.64371	-14.0294	2.55674	-4.9626	2.82843	-1.22554	0
acceleration(222)	-0.47214	-3	-3.38516	4.68757	-1.41421	-1.49347	3
acceleration(223)	-2	2	0.236068	-6.64722	0	-3.60555	-0.76393
acceleration(224)	6.06226	1.16228	-0.23607	3.157	7.64117	0	0.592359
acceleration(225)	-4.45671	-1.16228	2	0.53014	-8.05539	8	-1.82843
acceleration(226)	2.47721	0.236068	-2	-1.72749	3.47214	-1.2918	20.2132
acceleration(227)	-1.61063	3.76393	5.2111	2.46124	1.52786	2.23607	-14.8886
acceleration(228)	-0.47214	-4	-5.2111	21.1545	-4	-3.55911	-1.32456
acceleration(229)	2.40312	0.236068	-2	-25.6985	3.09902	2.67709	17.8473
acceleration(230)	-1.3041	0	2.23607	0.472136	3.44498	-3.93915	-22.8473
acceleration(231)	3.84525	1.88704	0	3.59012	-5.544	5.09644	3.16228
acceleration(232)	-5.33872	0	-2.23607	-2.06226	2.65685	3.31042	5.08393
acceleration(233)	4.45671	-0.12311	2	-0.61484	-1.53375	-7.52996	-3.77408
acceleration(234)	-3.93915	0.123106	0	4.51433	1.53375	17	-2.47214
acceleration(235)	0	-2.12311	0	-5.89949	0.343146	-19	2.47214
acceleration(236)	1.95966	6.24621	3.65685	4.24621	-1.52786	9.20656	-0.47214
acceleration(237)	-4.08276	-7.24621	-4.65685	-4.64066	4.47214	-9.97049	0.472136
acceleration(238)	5.2111	1	0	4.87973	-7.94427	4.835	0.913029
acceleration(239)	-2.73897	2.12311	5	-5.65685	3.47214	18.9482	-3.97095
acceleration(240)	0.527864	-4.12311	-4	1.17157	-2.23607	-17.957	4.66855
acceleration(241)	1.7082	6.32456	-1	-2	4.16706	-0.85116	-2.08276
acceleration(242)	-1.7082	-2.719	4.09902	1.60555	-4.16706	1.03511	0
acceleration(243)	1.40312	0	3.84525	7.16478	5.82619	-2.58936	-1.76393
acceleration(244)	-4.40312	-0.44327	-8.94427	-5.77033	-3.06226	17.4299	1.88704
acceleration(245)	6.94427	-0.92621	3	3.544	2.2111	-19.0868	-1.88704
acceleration(246)	-6.7082	3.84669	-2	-0.73375	-5.2111	1	2.76393
acceleration(247)	3.76393	-3.84669	2	0.675032	0	1	-2.76393
acceleration(248)	-0.61484	0	-1	-3.48528	1	-4	-2.23607
acceleration(249)	-0.38517	3.76393	1.60555	4.21954	1.24264	6.24621	0
acceleration(250)	-3	-4	-3.60555	-3.38859	2.16048	-4.24621	2
acceleration(251)	8.04988	2	2.23607	0.877252	-4.40312	4.06226	-2
acceleration(252)	-6.44432	2.32456	0.592359	1.35405	0	-5.82619	5.38516
acceleration(253)	-1.36948	-4.32456	-2.82843	-4.89998	0.236068	3.84669	-0.38517
acceleration(254)	3.84669	2.12311	0	0.443274	2.86295	-3.84669	-2
acceleration(255)	-0.6976	-1.29468	2.82843	7.16478	2.90098	2.23607	1.47214
acceleration(256)	-3.1491	3.49613	-2.82843	-7.16478	-3.87689	4.07187	0
acceleration(257)	6.98348	-3.49613	6	2.47721	0	-4.07187	1.85242
acceleration(258)	-8.21954	-0.82843	-3	5.09758	3.088	5.52786	-6.32456

acceleration(259)	3.12311	4.40312	-3	-10.1803	-4.2111	-6.83772	6
acceleration(260)	5.87689	-3.40312	0	0	6.21954	3.16228	-4
acceleration(261)	-7.76393	4.81025	4.12311	28.5296	-7.21954	1.7377	4.7082
acceleration(262)	6.7082	-4.64797	-0.51755	-18.3493	-2	-3.93915	-4.47214
acceleration(263)	-6.94427	5.44005	-1.60555	-4.10927	4.12311	4.47922	2.76393
acceleration(264)	0.236068	-4.60233	0	-6.07107	1.70785	-2.1992	-2.17157
acceleration(265)	4.47214	3.2111	-1	5.32456	-2.83095	-1.93099	0.777124
acceleration(266)	-4.47214	-5.2111	0	19.9243	1.12311	5.52786	1.49347
acceleration(267)	4.47214	0.236068	4.38516	-18.4386	-0.96083	-7	-2.86295
acceleration(268)	-4.47214	2.76393	-4.38516	3.0064	2.83772	-0.17157	4.16706
acceleration(269)	4.08849	-2.76393	1.82843	-2.7544	0.324555	9.37813	-4.40312
acceleration(270)	-4.08849	-1.23607	1.29468	24.1868	1.92166	-11.2066	1.16228
acceleration(271)	1.76393	4.65685	-2.12311	-28.6435	-6.01014	0.414214	3.90879
acceleration(272)	-0.39445	-1.41421	-1	3.60555	2.76393	8.01977	-5.65685
acceleration(273)	0	-3.24264	7.94427	-0.88655	-4	-5.82843	4.41674
acceleration(274)	3.46552	1.23607	-3.55911	1.92166	1	0.637089	-1.58831
acceleration(275)	-7.07107	6.01014	-3.97095	-3.77408	1.16228	-1.41421	-4.24264
acceleration(276)	6.08276	-4.12311	0	5.57774	-2.16228	0	2.23607
acceleration(277)	2.40252	-1.12311	2.19134	-8.04988	1	0.777124	0.592359
acceleration(278)	-4.01315	4.07107	-2.60555	8.04988	0.236068	0.866585	0
acceleration(279)	0	-0.74651	1.23607	-5.92677	0.592359	-1.64371	1.64371
acceleration(280)	0	1.67544	3.84669	2.87689	5.41778	1.64371	-2.47214
acceleration(281)	-2.47214	-6.58579	-4.66855	-3.39445	-3.77408	-1.64371	0.236068
acceleration(282)	6.544	2.82843	1.41421	4.93845	2.59893	18.7122	1.36948
acceleration(283)	-6.30794	-0.84853	0.171573	-3.15884	-1.41421	-17.5407	0.394449
acceleration(284)	3.84669		0.605551	4.66471		2.40312	-3
acceleration(285)	1.12834		-0.77712	-9.04988		-1.40312	-1
acceleration(286)	-2.73897		1.64371	2.16228		3.06226	0
acceleration(287)	0		-0.34903	23.8562		12.3338	2.23607
acceleration(288)	-3.47214	5.83095	-1.29468	-19.8074	1	-10.9092	4.47214
acceleration(289)	7	-3.59488	3.17157	19.9551	3.12311	-3.48683	-5.7082
acceleration(290)	-7	-2.23607	-3.76393	-24.9301	-2.12311	17.3452	1
acceleration(291)	3.12311	0	0.763932	2.00657	-1	-21.1092	4.08276
acceleration(292)	4.12311	1	-1	0	1.82843	2.23607	-5.08276
acceleration(293)	-3.24621	2.16228	0	0.229495	1.64371	1.85242	3.12311
acceleration(294)	-1	-2.16228	-2	3.59012	0.527864	-3.16228	0
acceleration(295)	0.472136	1.23607	0	-1.7377	-1.39445	-0.92621	-3.12311
acceleration(296)	0.913029	2.23607	3.60555	-1.22554	5.44983	1.88704	2
acceleration(297)	-1.77961	-1.30986	-1.60555	0	-0.51138	-1.12311	-2
acceleration(298)	3.60555	-0.92621	1.60555	1.22554	-4.07187	4	7
acceleration(299)	-2.73897	17.8885	0	-4.08849	3.77408	-7	-6.58579
acceleration(300)	-1.47214	-18.1246	-0.25754	4.08849	-3.24621	4.47214	-0.10102
acceleration(301)	4.81025	0.236068		-2.719	-1.39445	3.59012	
acceleration(302)	-5.57418	1.76393		4.45671	-0.44327	-6.64804	
acceleration(303)	6.98348	0.472136		-5.82619	0.443274	0.821854	
acceleration(304)	-2.89499	-2.23607		4.47214	0.866585	-2.23607	
acceleration(305)	0.955555	1.88704		-2.5851	-4.47214	2.82843	
acceleration(306)	-3.157	0.876894		7.05723	0.00E+00	17.021	
acceleration(307)	3.49267	-4		-6.18034		-11.6032	
acceleration(308)	-4.61577	1.82843		5.19804		-3.77408	

acceleration(309)	1.12311	1.17157		-5.09902		-1.47214	
acceleration(310)	-0.51755	5				19.8254	
acceleration(311)	4.93845	-5		10.6301		-15.7544	
acceleration(312)	-4.544	-1.76393		-4.30559	2	0.928932	
acceleration(313)	2.7082	1.88704		-4.91034	0.236068	15.6008	
acceleration(314)	-3.10265	22.5039	1	1.41421	-2.23607	-18.2157	0.00E+00
acceleration(315)	3.60555	-22.6271	1.23607	1.64371	4.12311	-1.26206	2
acceleration(316)	-4.38268	0.472136	2.86295	1.93099	0	-0.51755	0
acceleration(317)	6.17157	-3.05792	-2.86295	-5.40312	1.70785	0.517554	-2
acceleration(318)	-5.39445	3.05792	-2.23607	1	-2.83095	0.34903	1
acceleration(319)	3.67456	-1.30986	6.32456	1.60555	1.12311	2.73897	4
acceleration(320)	-2.28011	0.443274	-2.32456	0.517554	0.876894	-6.2111	-2.17157
acceleration(321)	2.2111	0.866585	-2	-2.12311	-2.76393	0.414214	-1.41421
acceleration(322)	-6.2111	-2.47214		2.47214	3.42079	1.74806	
acceleration(323)	7.94427	2	2.23607	-0.86659	-0.55784	-1.16228	2.23607
acceleration(324)	-7.94427	-2	-0.23607	3.60555	0.90098	-1	-0.23607
acceleration(325)	1	1.16228	0	-2.73897	-0.90098	2.16228	0
acceleration(326)	-2	0	2.47214	0	-1.93674	-2.16228	1
acceleration(327)	0	-0.33385	-1.47214	-1.64371	3.24085	1	-2
acceleration(328)	0	1.29468	0.605551	-0.82843	-1.93099	5.2111	3.47214
acceleration(329)	1	-1.88704	0.866585	4	5.52786	-6.2111	-0.86659
acceleration(330)	6.2111	1.88704	-3.47214	0.324555	-6.39445	3.47214	-3.60555
acceleration(331)	4.83049	-1.88704	-0.5	-4.08849	4.2047	1.85242	0.00E+00
acceleration(332)	-11.0416	2.23607		3.76393	-5.81025	-1.32456	
acceleration(333)	0	-1.47214	2	0	5.2111	5.04988	2
acceleration(334)	2.16228	0.605551	-1	-3.17157	-4.38268	-6.04988	-2
acceleration(335)	-0.92621	0	5.32456	4.38268	5.65685	3.2111	0
acceleration(336)	-2.23607	-3.60555	-4.32456	-4.97503	-4.87973	-4.97503	2
acceleration(337)	4.47214	2	-1	9.92946	4.93845	6.30794	-1
acceleration(338)	-2.47214	0		-9.92946	-5.71558	-2.21945	
acceleration(339)	-2	0.236068	3	2.86295	3.49613	-2.719	4.47214
acceleration(340)	2.82843	-0.23607	4.07107	-2.27059	1.92166	6.44432	-2.47214
acceleration(341)	-1.41421	23.318	-6.07107	4.38268	-3.24621	-6.44432	0
acceleration(342)	4.98891	-13.1114	-1	-4.2111	-2	3.39445	2
acceleration(343)	-2.79757	-6.12379	9	3.7082	-0.17157	-2.52786	-1.17157
acceleration(344)	1.77961	-2.08276	-4	-5.7082	-0.82843	4.01315	-0.59236
acceleration(345)	-1.26206	5.21954	0.385165	9.63015	4	-2.48528	3.42079
acceleration(346)	-1.29468	-2.00844	1.6859	-8.39408	-1	22.6356	-3.65685
acceleration(347)	3.5747	0.069007	-0.66794	5.57418	3	-20.8254	0
acceleration(348)	-5.40312	18.6814	-0.07857	-5.57418	-4.39445	-1.72749	0.828427
acceleration(349)	6.81025	-23.9615	0.078569	2.23607	2.2254	0.625441	-0.59236
acceleration(350)	-6.39604	0.828427	-5.40312	2.23607	-3.59488	1.10205	3.1491
acceleration(351)	1.74806	0.777124	2.60555	-3.87978	1.76393	-3.81025	-2.55674
acceleration(352)	-0.33385	3.10265	-2.19134	7.22145	-1.17157	3.2111	-0.82843
acceleration(353)	0.777124	-4.47214	4.66855	-5.04988	4.38268	-1.82594	3
acceleration(354)	0.866585	0	-4.08276	2.07107	-3.60555	3.10012	-2.76393
acceleration(355)	-0.86659	3.42079	3.65685	-2.07107	2.79757	-5.48528	0
acceleration(356)	1.39445	-1.18472	-2.82843	-1.39445	-5.40312	1.12311	-0.82185
acceleration(357)	-0.52786	-2.23607	-0.59236	4.39445	3.24264	2.20145	0
acceleration(358)	-3.05792	2.76393	3.42079	-6	-3.24264	6.48169	0.821854

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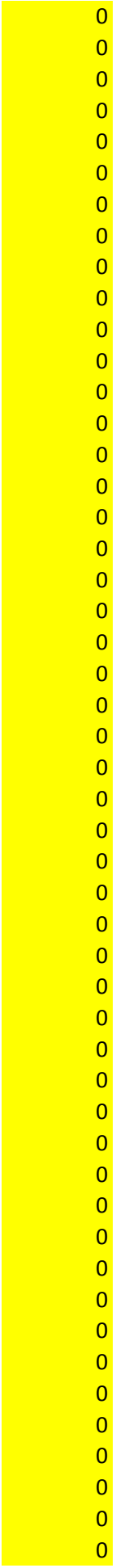
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3.69E-289

	larva(0)	larva(1)	larva(2)	larva(3)	larva(4)	larva(5)	larva(6)
acc_dst(179)	770.927	600.257	452.365	976.293	750.347	675.391	464.758
urazena vzdalenost (cm)	9.636588	7.503213	5.654563	12.20366	9.379338	8.442388	5.809475

larva(7)
970.81

12.13513

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
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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	1	0
is_coiled(75)	0	0	0	0	0	0	1	0
is_coiled(76)	1	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	1
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
is_coiled(89)			0	0	0	0	0	0
is_coiled(90)			0	0	0	0	0	0
is_coiled(91)			0	0	0	0	0	0
is_coiled(92)			0	0	0	0	0	0
is_coiled(93)			0	0	0	0	0	0
is_coiled(94)			0	0	0	0	0	0
is_coiled(95)			0	0	0	0	0	0
is_coiled(96)	0	0	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(149)	0	0	0	0	0	0	0	0
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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)	1	0	1	0	0	0	0	0
is_coiled(155)	1	0	0	0	0	0	0	0
is_coiled(156)	1	0	0	0	0	0	0	0
is_coiled(157)	0	0	0	0	0	0	0	0
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is_coiled(179)	0	0	0	0	0	0	0	0
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go_phase(1)	0	1	1	1	0	0	0
go_phase(2)	0	1	1	1	0	0	0
go_phase(3)	0	1	0	1	1	0	0
go_phase(4)	0	1	0	0	1	0	0
go_phase(5)	0	1	0	1	1	0	0
go_phase(6)	0	1	1	1	1	0	0
go_phase(7)	0	1	0	1	1	0	0
go_phase(8)	0	1	1	1	1	0	0
go_phase(9)	0	1	1	1	1	0	1
go_phase(10)	0	1	0	1	1	0	0
go_phase(11)	1	1	1	1	1	0	0
go_phase(12)	0	1	0	1	1	0	0
go_phase(13)	1	1	0	1	1	0	0
go_phase(14)	0	1	0	1	1	0	0
go_phase(15)	0	1	0	1	1	0	0
go_phase(16)	0	1	0	1	1	1	0
go_phase(17)	0	1	0	1	0	0	0
go_phase(18)	0	1	0	1	0	0	0
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go_phase(20)	1	1	0	1	0	0	1
go_phase(21)	0	1	0	1	0	0	0
go_phase(22)	0	1	0	1	0	0	0
go_phase(23)	0	1	0	1	0	0	0
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go_phase(25)	0	1	0	1	0	0	1
go_phase(26)	0	0	0	0	0	0	0
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go_phase(28)	0	1	0	1	0	1	1
go_phase(29)	0	1	0	1	0	0	1
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go_phase(31)	0	1	0	1	0	0	0
go_phase(32)	0	0	0	1	0	0	1
go_phase(33)			1	1	1	0	0
go_phase(34)			0	1	1	1	0
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go_phase(37)			0	1	0	0	0
go_phase(38)			1	1	0	1	1
go_phase(39)			1	1	1	0	0
go_phase(40)			0	1	1	0	0
go_phase(41)	0	1	1	1	1	0	1
go_phase(42)	0	1	1	1	1	0	0
go_phase(43)	0	1	0	1	1	0	0
go_phase(44)	0	1	0	1	1	0	1
go_phase(45)	0	1	1	1	1	0	1
go_phase(46)	0	1	0	1	0	0	0
go_phase(47)	1	0	1	1	0	0	0
go_phase(48)	1	1	0	1	0	0	0

go_phase(49)	1	1	0	1	0	0	0
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go_phase(51)	1	1	0	0	0	0	0
go_phase(52)	0	1	0	0	0	0	0
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go_phase(56)	0	1	0	0	0	1	1
go_phase(57)	0	1	0	0	1	0	1
go_phase(58)	0	0	0	0	1	1	1
go_phase(59)	0	0	1	0	1	0	1
go_phase(60)	0	0	1	0	1	1	0
go_phase(61)	1	0	1	0	1	1	0
go_phase(62)	1	0	1	0	0	0	0
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go_phase(69)	1	0	1	0	0	1	0
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go_phase(119)	1	1	1	1	0	1	1
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go_phase(121)	1	1	0	1	0	1	1
go_phase(122)	1	1		1	0	1	1
go_phase(123)	1	1		1	0	0	0
go_phase(124)	1	1	0	1	1	0	0
go_phase(125)	1	1	0	1	1	0	0
go_phase(126)	0	1	0	1	1	1	0
go_phase(127)	0	1	0	1	1	1	0
go_phase(128)	1	1	0	1	1	0	0
go_phase(129)	0	1	0	1	1	0	0
go_phase(130)	0	1	0	1	1	0	1
go_phase(131)	0	1	1	1	1	0	0
go_phase(132)	0	1	0	1	1	0	1
go_phase(133)	0	1	0	1	1	0	0
go_phase(134)	0	1	0	1	0	1	0
go_phase(135)	0	1	0	1	1	0	0
go_phase(136)	0	1	1	1	0	0	1
go_phase(137)	0	1	1	1	0	0	1
go_phase(138)	1	1	1	1	0	0	1
go_phase(139)	0	1	1	1	0	0	1
go_phase(140)	0	1	1	1	0	0	1
go_phase(141)	1	1	1	1	0	0	1
go_phase(142)	1	1	1	1	0	0	1
go_phase(143)	1	1	1	1	0	0	1
go_phase(144)	1	1	1	1	0	0	1
go_phase(145)	1	1	1	1	1	1	0
go_phase(146)	1	1	1	1	1	0	0
go_phase(147)	1	1	1	1	0	1	0
go_phase(148)	1	1	0	1	0	1	0

go_phase(149)	1	1	1	1	0	1	1
go_phase(150)	0	1	0	0	0	1	1
go_phase(151)	0	1	0	0	0	0	0
go_phase(152)	1	0	1	0	0	1	0
go_phase(153)	0	0	0	0	0	1	0
go_phase(154)	1	1	0	0	0	1	1
go_phase(155)	0	1	0	0	0	1	1
go_phase(156)	0	0	0	0	1	1	1
go_phase(157)	0	1	0	0	1	1	0
go_phase(158)	0	0	0	0	1	1	0
go_phase(159)	0	0	0	0	1	1	0
go_phase(160)	0	0	0	0	0	0	0
go_phase(161)	0	0	0	0	1	1	0
go_phase(162)	1	0	1	0	0	1	0
go_phase(163)	0	0	1	0	1	1	0
go_phase(164)	0	0	1	0	1	1	0
go_phase(165)	1	0	1	0	1	0	0
go_phase(166)	1	0	1	1	1	0	0
go_phase(167)	0	0	0	1	1		0
go_phase(168)	1	0	1	1	0		0
go_phase(169)	1	0	1	1	1	0	0
go_phase(170)	1	0	1	1	1	1	0
go_phase(171)	1	0	1	1	1	1	0
go_phase(172)	1	0	1	1	1	1	0
go_phase(173)	1	0	1	1	1	1	0
go_phase(174)	1	0	0	1	1	1	0
go_phase(175)	1	0	1	1	1	1	0
go_phase(176)	1	0	0	1	1	1	0
go_phase(177)	1	0	0	1	1	1	0
go_phase(178)	1	0	1	1	1	1	0
go_phase(179)	1	0	0	1	1	1	0
suma	75	94	75	118	84	65	44
procenta	41.7	52.2	41.7	65.6	46.7	36.1	24.4

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104

57.8

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

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

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

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

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

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

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

right_bended(169)	0	1	0	0	0	0	0
right_bended(170)	0	1	0	0	0	0	0
right_bended(171)	0	1	0	0	0	0	0
right_bended(172)	0	1	0	0	0	0	0
right_bended(173)	0	1	0	0	0	0	0
right_bended(174)	0	1	0	0	0	0	0
right_bended(175)	0	1	0	0	0	0	0
right_bended(176)	0	1	1	0	0	0	0
right_bended(177)	0	1	1	0	0	0	0
right_bended(178)	0	1	0	0	0	0	0
right_bended(179)	0	1	1	0	0	0	0
suma	83	60	81	56	87	95	100

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	larva(0)	larva(1)	larva(2)	larva(3)	larva(4)	larva(5)
velocity(0)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
velocity(1)	5.83095	5	4	8.544	8.48528	3.60555
velocity(2)	1	3.60555	8	9.43398	3.60555	6.40312
velocity(3)	1	5.09902	1	8.24621	5	1
velocity(4)	1.41421	6.32456	3.60555	3.60555	3	0
velocity(5)	1.41421	29.9666	2	5.65685	4.47214	12.6491
velocity(6)	2.23607	5.38516	12.8062	4	4.47214	2.82843
velocity(7)	3.16228	4.12311	0	4.12311	7.28011	4.47214
velocity(8)	3.60555	4.12311	4.47214	10	2.23607	14.3178
velocity(9)	6.40312	6.40312	3	10	4.47214	3.16228
velocity(10)	9.84886	5	1	4.12311	6.7082	1.41421
velocity(11)	2.23607	2.23607	8.544	8.06226	5.38516	6.40312
velocity(12)	4.47214	5	2.23607	10	4.47214	15.5242
velocity(13)	4.47214	4.24264	0	2	6.32456	3.60555
velocity(14)	0	6	5	8	6.40312	17.1172
velocity(15)	2	6.08276	16.4924	10.0499	10	11.7047
velocity(16)	6.32456	4.47214	5.65685	2	2	9.05539
velocity(17)	2.23607	4.12311	8.06226	10.198	2	12.6491
velocity(18)	2	2	7.2111	2	0	2.82843
velocity(19)	3	6.08276	10.6301	10.7703	0	2
velocity(20)	1	0	4	7.81025	2.23607	3.60555
velocity(21)	5	3.60555	26.0768	8.544	4	2.23607
velocity(22)	15	8	2	7.61577	5.38516	17.4929
velocity(23)	8.24621	1	0	8.06226	5	4.12311
velocity(24)	8.544	6.32456	3.60555	2.23607	3.60555	3
velocity(25)	7.2111	36.8917	2	7.2111	6.7082	5.38516
velocity(26)	0	0	0	0	0	0
velocity(27)	10	3.60555	5.65685	6.7082	6	5.65685
velocity(28)	6.40312	3.60555	0	6.08276	5	6.7082
velocity(29)	3.60555	4	4	10.6301	3	17
velocity(30)	6	5	6	4.47214	4.47214	3.16228
velocity(31)	22	5.38516	2.23607	10.0499	6.7082	4.47214
velocity(32)	9.05539	5.38516	8.24621	10.4403	5.38516	2
velocity(33)			2.23607	6.08276	3.60555	11.3137
velocity(34)			2	6.32456	8.24621	5.65685
velocity(35)			6.32456	8.24621	2.23607	19.9249
velocity(36)			0	6.32456	3	4.12311
velocity(37)			3	7.07107	4	3.16228
velocity(38)			8.06226	7.61577	3.60555	7.81025
velocity(39)			2	6.08276	2.82843	22.4722
velocity(40)	0.00E+00	0.00E+00	1	4.12311	5	2.23607
velocity(41)	2.23607	6.08276	9.48683	8.06226	5.09902	2
velocity(42)	1.41421	3.60555	1.41421	8.60233	8.94427	2
velocity(43)	1	5.38516	0	7.81025	6.08276	8.06226
velocity(44)	2	5.38516	2	9.43398	4.47214	13.6015
velocity(45)	4	3.16228	2.23607	6.7082	5	3
velocity(46)	4.24264	1	2.82843	9.21954	9.43398	4.12311
velocity(47)	4.12311	6.7082	3	3.60555	5.83095	4
velocity(48)	5	3.16228	21.2603	8.48528	5	4

velocity(49)	10.198	6.40312	4.47214	8.24621	4	6.32456
velocity(50)	2.82843	4.12311	5.65685	2	6.40312	3
velocity(51)	4.47214	5.65685	2.82843	1	2	24.4131
velocity(52)	5	6.40312	2.23607	3	1	0
velocity(53)	2.82843	3.16228	2	0	4.12311	2
velocity(54)	3	3.16228	8.06226	4.47214	4.12311	2.82843
velocity(55)	3.60555	2	18.3576	2	2.82843	2.23607
velocity(56)	2	4.12311	3.16228	0	4	5.38516
velocity(57)	0	2	26	1.41421	4.47214	3.16228
velocity(58)	3.60555	2.23607	5.38516	1.41421	2.82843	6.40312
velocity(59)	3.60555	0	4.12311	2.23607	7.61577	2
velocity(60)	1	1	3.60555	2	6.40312	4
velocity(61)	4.12311	2	4.47214	2	2.23607	3.16228
velocity(62)	8.24621	3	3.60555	2.23607	2.82843	0
velocity(63)	2.23607	1.41421	2	1.41421	2	1.41421
velocity(64)	9.84886	2.23607	4.24264	1	0	2.23607
velocity(65)	8.06226	1	2.23607	2	3	3
velocity(66)	4	1	1	2.82843	4.12311	1
velocity(67)	6.7082	2	2.23607	5.65685	2.23607	4.12311
velocity(68)	7.28011	2.23607	2	2	1	4
velocity(69)	12.0416	2.23607	2	3.16228	2.23607	3
velocity(70)	6.32456	2.23607	4	4.47214	1	2.23607
velocity(71)	2	3.60555	4	2.23607	6	16.1555
velocity(72)	0	6.7082	2.82843	8.94427	3	12.53
velocity(73)	2.82843	2.23607	21.5407	4.47214	0	5
velocity(74)	2	5.65685	2.23607	6.08276	2.23607	6.32456
velocity(75)	10.198	5	20.6155	4	2.23607	24.5967
velocity(76)	1	1	2	2.82843	2.23607	2.23607
velocity(77)	4.24264	3.16228	4.47214	6.32456	6.08276	4
velocity(78)	13.1529	2.82843	2.82843	3.60555	4	6.32456
velocity(79)	1.41421	6.08276	5.38516	6.40312	4	10.6301
velocity(80)	2.82843	2	1	3.16228	4	2
velocity(81)	2.82843	4.12311	4.12311	5.09902	4.12311	0
velocity(82)	2.82843	2.23607	2.82843	4.12311	5	8.24621
velocity(83)	2	6.08276	2.23607	5.65685	6.40312	2
velocity(84)	4.47214	3.60555	2	8.544	4	3.60555
velocity(85)	2.23607	4.12311	6.32456	2.23607	6.32456	10.4403
velocity(86)	2	4.12311	2	6.32456	0	2
velocity(87)	6.08276	1.41421	5.65685	2	2	7.2111
velocity(88)			2	8.06226	8.544	4.12311
velocity(89)			0	4	1.41421	1
velocity(90)			6.32456	3.60555	5.83095	6.40312
velocity(91)			4	8.94427	1.41421	8.06226
velocity(92)			2	4	4.12311	2
velocity(93)			2	8.24621	2.82843	2
velocity(94)			3	5.38516	0	6.08276
velocity(95)			4.24264	6.08276	2	6.7082
velocity(96)	0.00E+00	0.00E+00	3.60555	5.83095	2.82843	3
velocity(97)	12.6491	2	2.23607		6	
velocity(98)	8.48528	2.23607	6.08276		1	

velocity(99)	2.82843	5.38516	2.82843	0.00E+00	5.65685	0.00E+00
velocity(100)	7.81025	8.544	4.12311	3.60555	4.47214	1
velocity(101)	4.12311	2	2.23607	4.47214	4.12311	6.7082
velocity(102)	10.4403	5	3.60555	8.24621	2.23607	2.23607
velocity(103)	2.23607	4.12311	4.24264	4.47214	12.3693	7.2111
velocity(104)	2.82843	2.23607	3.16228		10.7703	
velocity(105)	6.32456	1	1	0.00E+00	6.32456	0.00E+00
velocity(106)	5.09902	2.23607	4.47214	2	4.47214	2
velocity(107)	5.83095	1.41421	2	4.12311	2	
velocity(108)	4.47214	1	1	1	2	0.00E+00
velocity(109)	7.2111	2.23607	2	10	2.82843	13.0384
velocity(110)	2	4.24264	2	2.23607	5.65685	6.08276
velocity(111)	4	1	1.41421	8.06226	2.82843	14.3178
velocity(112)	6.7082	2	8.24621	4.12311	7.2111	11.4018
velocity(113)	1	0	5.83095	7.81025	3	2.23607
velocity(114)	4.47214	1	2	7	6.08276	6.32456
velocity(115)	11.1803	2.82843	7.61577	5	4.12311	3.60555
velocity(116)	4.12311	2.23607	1	7.81025	2.23607	11.4018
velocity(117)	3	0	1	3.60555	2	4.12311
velocity(118)	10.198	2	2.23607	7.2111	3.16228	6.40312
velocity(119)	2.82843	0	2	5	0	4.47214
velocity(120)	4.12311	5	4.12311	4	2.23607	7.2111
velocity(121)	8.24621	6	2.23607	9	1	3.16228
velocity(122)	2.82843	1.41421		2.82843	2	7.07107
velocity(123)	2.23607	5.83095	0.00E+00	10.198	2.82843	0
velocity(124)	9.43398	7.61577	31.0644	2.82843	4.47214	18.3848
velocity(125)	5	3.16228	2	8.06226	3.60555	10.7703
velocity(126)	1	6.40312	2	2.23607	6.7082	26.4008
velocity(127)	1.41421	5	3	6.08276	4.12311	2.23607
velocity(128)	27.5136	3	3.60555	6.32456	6.32456	8.24621
velocity(129)	20.2485	2.82843	2.23607	6	4.12311	4.12311
velocity(130)	7.61577	8.544	1.41421	8.544	8.06226	5.65685
velocity(131)	9.21954	3.16228	2	5	1	2.23607
velocity(132)	8.24621	3.60555	1	5.09902	8.544	3.60555
velocity(133)	6.32456	5	0	7.28011	0	24.6982
velocity(134)	6.08276	3	2.82843	4.24264	3.60555	8.544
velocity(135)	6.08276	6.32456	1	8.544	2.23607	4.47214
velocity(136)	22.4722	8.06226	5	3.60555	2	5
velocity(137)	4.24264	1	2.82843	6.08276	4	6
velocity(138)	3.16228	3.60555	3.60555	5	2.82843	6.08276
velocity(139)	6.7082	8.06226	2.23607	8.24621	3.60555	20.5183
velocity(140)	4.12311	1	4	4	7.28011	2
velocity(141)	2.23607	9.05539	1.41421	8.544	3.16228	5.38516
velocity(142)	2	0	2.23607	8.94427	5.38516	2.23607
velocity(143)	8.24621	2.23607	5	2.82843	2	8
velocity(144)	2	6.7082	3.16228	8.06226	1	3
velocity(145)	4.47214	0	5	8.24621	3.60555	7.07107
velocity(146)	4	2	2.82843	2.23607	2.82843	3
velocity(147)	2.82843	6.32456	4	2	5	5
velocity(148)	6.32456	0	4.47214	6.08276	5.83095	6.32456

velocity(149)	2.82843	7.2111	4.47214	1	3.60555	3.60555
velocity(150)	4	2.82843	2.23607	29.0689	1	7.07107
velocity(151)	1	2	2.82843	8.544	1	4
velocity(152)	2.23607	2.23607	3.60555	11.7047	1.41421	6
velocity(153)	2.23607	1	2.23607	12.1655	4.12311	4.47214
velocity(154)	21.587	4.47214	6.32456	28.7924	2	10
velocity(155)	2	2	2	3	4.24264	3.60555
velocity(156)	25.0799	2	3.16228	5.38516	3.60555	6.7082
velocity(157)	3.16228	1	0	2.23607	4.47214	6.32456
velocity(158)	4.12311	0	1.41421	8.06226	4.12311	6
velocity(159)	2	1	7.61577	2	3.16228	8.94427
velocity(160)	0	0	2.82843	2	3.16228	17
velocity(161)	4	1	2	4	6.32456	1
velocity(162)	7.07107	1	5	4.47214	3.16228	6
velocity(163)	14.2127	3	2.23607	2.82843	1	13.8924
velocity(164)	2.82843	1.41421	2.82843	6.08276	4.12311	23.5372
velocity(165)	3.16228	2.23607	2.82843	4.12311	6.7082	18.0278
velocity(166)	5	2.23607	2	5	2.82843	21.095
velocity(167)	4.47214	1	4.47214	5.83095	8.60233	
velocity(168)	2.23607	3	2.23607	5.09902	1.41421	0.00E+00
velocity(169)	2.23607	2.82843	4	6	6.7082	18.6011
velocity(170)	4.47214	3.60555	2.23607	7.2111	3.60555	31.257
velocity(171)	2	3.16228	2	4.12311	7.2111	4.47214
velocity(172)	4.12311	2.82843	4.12311	4	2	9.21954
velocity(173)	8.24621	4.12311	2.82843	6.32456	9.21954	7.28011
velocity(174)	2	2.82843	2	7.81025	2.23607	6.32456
velocity(175)	4	3.16228	4	4.12311	5.83095	8.544
velocity(176)	6.08276	1.41421	2	7.2111	2.82843	4
velocity(177)	5.09902	3.60555	1	4.12311	4.12311	10.7703
velocity(178)	3.16228	2.23607	4.47214	5	5.65685	3.60555
velocity(179)	4.12311	4.47214	3	8.94427	2.23607	6.32456
prumer (mm/s)	5.15E+00	3.70E+00	4.12E+00	5.69E+00	3.99E+00	6.68E+00

larva(6)	larva(7)
0.00E+00	0.00E+00
2.82843	1.41421
0	1.41421
1	2.82843
2	5.65685
0	6.7082
1	8.94427
0	6.40312
0	2.82843
3.16228	8.24621
1.41421	6.32456
1.41421	7.2111
0	8
0	2.23607
0	8.06226
1.41421	6.32456
1	4.47214
0	6.32456
0	2.82843
2	2.23607
0	1
2	1
2	2
1	1
1.41421	8.06226
3.16228	6
0	0
2.82843	3.60555
2.82843	4
2.23607	6.7082
2.82843	8.06226
1	2.23607
2.23607	6.32456
1.41421	6.32456
32.249	2.82843
11.6619	6.32456
2.82843	4
3.60555	7.2111
7.81025	6.40312
12.7279	4.12311
2	6.32456
5	1
1	5
1.41421	1
2.23607	2
6.32456	1
12.8062	4.47214
10.8167	4.47214
22.8254	5

1.41421	0
2.82843	8.48528
2.23607	2.23607
3	6.32456
1	8.94427
3.60555	2
2.23607	8.48528
2	2.82843
2	5.65685
5	7.2111
9	2
12.8062	0
6.7082	2
8.06226	4.47214
7.07107	2
7.07107	4.24264
5	5
7.2111	4
6.32456	6.32456
5	6.32456
3.60555	4.47214
5.65685	6.08276
5.65685	8.06226
2.82843	2.82843
5.38516	7.81025
18.2483	5
5.83095	5.38516
9.48683	6.32456
7.28011	4.47214
6.08276	5
4.12311	5
6.08276	3.60555
6.08276	1
4.12311	1
7.81025	4
21.5407	3.16228
10.6301	4.47214
9.21954	3.60555
8	6.32456
7.81025	5.65685
25.4951	4.47214
2.82843	8.06226
1	6.7082
4	2.23607
4.12311	3.16228
4.12311	3
2	6.32456
1	3.16228
2.23607	3.60555
2.23607	4.47214

1	6
19.105	6.08276
18.3848	6.32456
5.38516	3.60555
3.60555	9.21954
4	4.47214
2.23607	3.60555
1.41421	2.23607
0	3.60555
3.60555	1
1	6.32456
1	4.47214
1	4.47214
2.23607	3.16228
2.82843	5
3.60555	5
2.82843	3
2.82843	6.32456
3	8.06226
2	2.82843
3	7.2111
2.82843	6.40312
4	1
29	6.40312
17.4642	6.40312
4.47214	4.12311
5	6.32456
5	4.12311
26.4197	4.47214
3.16228	8.24621
4.47214	3.16228
1.41421	5
2.23607	8.06226
4.47214	4
0	6.40312
2	4.47214
1	6.40312
4	7.81025
3.60555	4.47214
4.47214	6.7082
4	6
3.60555	5
5	6.32456
2.82843	8.544
6	2
5	4.47214
2.23607	8.24621
0	2.82843
0	8
0	4

0	4.12311
1	2.23607
3.60555	8.544
5.65685	4
0	6.08276
1	8
5	4.12311
4	4.47214
1	6
0	4.12311
3.60555	8.06226
0	6
4	4.12311
0	9.43398
1	6.7082
4.47214	4.47214
3.16228	8.24621
7.2111	6.32456
4	4.12311
5	6.32456
4.24264	2
2.82843	7.81025
4	6.32456
4.47214	3.60555
1	6.7082
2	6.32456
0	5
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2	5
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0	5

4.43E+00	4.90E+00
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