

	larva(0)	larva(1)	larva(2)	larva(3)	larva(4)	larva(5)	larva(6)	larva(7)
mom_x(0)	1042	1350	1008	1457	1403	997	1292	1108
mom_x(1)	1039	1351	1007	1456	1405	997	1292	1108
mom_x(2)	1037	1353	1009	1455	1405	996	1291	1108
mom_x(3)	1035	1353	1012	1454	1407	996	1291	1108
mom_x(4)	1033	1355	1013	1452	1410	996	1291	1109
mom_x(5)	1032	1356	1014	1449	1412	998	1291	1109
mom_x(6)	1029	1357	1015	1448	1414	999	1290	1109
mom_x(7)	1027	1357	1018	1446	1416	997	1290	1108
mom_x(8)	1024	1358	1019	1444	1419	997	1290	1108
mom_x(9)	1022	1359	1021	1442	1422	996	1289	1109
mom_x(10)	1021	1361	1023	1441	1426	998	1288	1109
mom_x(11)	1020	1362	1025	1439	1428	997	1288	1109
mom_x(12)	1018	1362	1025	1437	1431	996	1287	1109
mom_x(13)	1014	1364	1026	1436	1432	996	1286	1108
mom_x(14)	1012	1366	1027	1435	1436	995	1285	1108
mom_x(15)	1009	1366	1030	1433	1438	994	1285	1108
mom_x(16)	1007	1367	1031	1431	1440	993	1285	1108
mom_x(17)	1003	1367	1033	1429	1441	991	1284	1108
mom_x(18)	1001	1368	1036	1428	1444	989	1283	1107
mom_x(19)	997	1369	1037	1425	1446	989	1282	1109
mom_x(20)	994	1370	1039	1425	1449	988	1280	1108
mom_x(21)	994	1370	1041	1423	1451	990	1280	1104
mom_x(22)	992	1371	1043	1421	1453	988	1279	1107
mom_x(23)	989	1371	1045	1419	1456	987	1279	1108
mom_x(24)	987	1373	1048	1418	1456	987	1278	1108
mom_x(25)	985	1373	1049	1416	1459	985	1277	1105
mom_x(26)	981	1373	1050	1414	1462	986	1277	1105
mom_x(27)	979	1374	1051	1412	1464	985	1276	1105
mom_x(28)	977	1375	1053	1410	1465	985	1275	1105
mom_x(29)	975	1375	1053	1408	1469	983	1274	1106
mom_x(30)	974	1375	1054	1406	1471	982	1274	1107
mom_x(31)	972	1376	1055	1404	1475	982	1273	1108
mom_x(32)	972	1376	1055	1404	1475	982	1273	1108
mom_x(33)	970	1374	1057	1402	1477	980	1273	1107
mom_x(34)	968	1374	1058	1400	1481	980	1272	1109
mom_x(35)	968	1374	1059	1398	1486	979	1272	1109
mom_x(36)	970	1374	1062	1396	1487	979	1271	1106
mom_x(37)	971	1375	1063	1394	1489	978	1270	1106
mom_x(38)	970	1374	1065	1392	1491	977	1269	1107
mom_x(39)	970	1374	1067	1394	1492	976	1268	1108
mom_x(40)	969	1374	1070	1393	1495	975	1267	1108
mom_x(41)	969	1374	1071	1392	1496	975	1267	1108
mom_x(42)	969	1374	1073	1392	1499	973	1266	1109
mom_x(43)	969	1374	1076	1392	1502	973	1265	1109
mom_x(44)	970	1373	1077	1392	1504	971	1266	1110
mom_x(45)	971	1372	1079	1391	1507	971	1265	1106
mom_x(46)	972	1372	1082	1390	1509	969	1264	1106
mom_x(47)	972	1370	1083	1388	1513	967	1263	1106
mom_x(48)	973	1370	1085	1386	1514	971	1263	1103

mom_x(49)	974	1369	1088	1385	1517	973	1262	1102
mom_x(50)	977	1369	1089	1384	1519	973	1261	1102
mom_x(51)	979	1368	1093	1384	1521	974	1260	1101
mom_x(52)	981	1367	1094	1383	1526	975	1260	1097
mom_x(53)	985	1366	1096	1382	1530	977	1258	1094
mom_x(54)	988	1364	1098	1381	1534	977	1256	1094
mom_x(55)	991	1364	1099	1379	1537	980	1255	1094
mom_x(56)	994	1363	1101	1379	1538	982	1253	1094
mom_x(57)	997	1361	1103	1377	1542	985	1252	1092
mom_x(58)	1000	1359	1105	1377	1543	989	1250	1090
mom_x(59)	1002	1358	1107	1377	1547	991	1249	1089
mom_x(60)	1004	1356	1108	1376	1550	995	1250	1086
mom_x(61)	1006	1356	1108	1374	1552	1000	1251	1082
mom_x(62)	1008	1354	1109	1373	1556	1003	1253	1082
mom_x(63)	1010	1353	1111	1373	1559	1006	1255	1081
mom_x(64)	1012	1350	1112	1370	1562	1004	1256	1080
mom_x(65)	1014	1349	1111	1371	1564	1002	1258	1080
mom_x(66)	1015	1346	1112	1369	1567	1003	1260	1079
mom_x(67)	1017	1345	1111	1370	1568	1003	1261	1079
mom_x(68)	1017	1340	1112	1370	1570	1003	1263	1079
mom_x(69)	1018	1341	1112	1370	1572	1005	1264	1079
mom_x(70)	1019	1338	1113	1368	1575	1008	1265	1080
mom_x(71)	1020	1337	1115	1361	1578	1009	1266	1078
mom_x(72)	1021	1334	1116	1360	1580	1012	1267	1078
mom_x(73)	1020	1332	1118	1361	1582	1011	1268	1078
mom_x(74)	1019	1330	1120	1368	1585	1007	1269	1082
mom_x(75)	1018	1328	1121	1368	1588	1006	1270	1084
mom_x(76)	1018	1325	1124	1371	1590	1005	1272	1083
mom_x(77)	1018	1323	1126	1374	1593	1003	1273	1083
mom_x(78)	1017	1321	1128	1376	1595	1003	1275	1083
mom_x(79)	1014	1318	1130	1375	1597	1003	1276	1081
mom_x(80)	1013	1316	1132	1374	1600	1001	1275	1081
mom_x(81)	1011	1313	1135	1371	1603	999	1274	1081
mom_x(82)	1009	1310	1137	1372	1605	1000	1274	1082
mom_x(83)	1007	1307	1139	1373	1609	998	1270	1083
mom_x(84)	1004	1305	1142	1373	1612	998	1269	1082
mom_x(85)	1003	1301	1145	1373	1615	1000	1268	1081
mom_x(86)	1002	1299	1148	1373	1617	1004	1267	1082
mom_x(87)	999	1296	1151	1374	1621	1004	1266	1081
mom_x(88)	996	1295	1154	1376	1624	1004	1266	1080
mom_x(89)	994	1293	1156	1376	1627	1006	1265	1082
mom_x(90)	990	1289	1158	1379	1631	1009	1263	1082
mom_x(91)	990	1287	1161	1380	1633	1010	1262	1084
mom_x(92)	990	1283	1164	1381	1636	1010	1261	1084
mom_x(93)	987	1280	1168	1383	1639	1009	1259	1081
mom_x(94)	984	1277	1168	1385	1641	1008	1258	1080
mom_x(95)	981	1274	1171	1387	1644	1007	1257	1079
mom_x(96)	979	1271	1171	1388	1646	1007	1255	1079
mom_x(97)	975	1269	1173	1391	1649	1006	1254	1080
mom_x(98)	976	1267	1172	1392	1651	1005	1252	1081

mom_x(99	977	1264	1173	1394	1654	1004	1251	1081
mom_x(10	975	1263	1175	1396	1657	1003	1251	1079
mom_x(10	978	1263	1176	1398	1659	1003	1250	1078
mom_x(10	980	1265	1174	1400	1661	1002	1248	1077
mom_x(10	981	1265	1171	1402	1661	1003	1247	1075
mom_x(10	983	1266	1168	1405	1661	1000	1248	1074
mom_x(10	984	1266	1165	1407	1661	1002	1250	1076
mom_x(10	986	1266	1163	1410	1660	999	1251	1077
mom_x(10	987	1267	1162	1412	1661	991	1252	1077
mom_x(10	989	1268	1160	1415	1662	983	1252	1075
mom_x(10	992	1269	1159	1417	1663	981	1253	1074
mom_x(11	994	1270	1159	1419	1665	982	1254	1074
mom_x(11	997	1272	1158	1421	1663	984	1255	1077
mom_x(11	999	1273	1157	1423	1664	984	1255	1074
mom_x(11	1003	1275	1156	1424	1665	984	1255	1073
mom_x(11	1005	1276	1155	1426	1666	988	1255	1073
mom_x(11	1008	1277	1153	1427	1663	989	1256	1074
mom_x(11	1011	1278	1153	1431	1663	993	1256	1076
mom_x(11	1014	1280	1152	1433	1661	995	1257	1078
mom_x(11	1018	1281	1151	1434	1661	996	1256	1079
mom_x(11	1021	1283	1155	1434	1662	1002	1251	1078
mom_x(12	1024	1283	1156	1436	1662	1006	1249	1078
mom_x(12	1027	1285	1155	1438	1663	1009	1248	1077
mom_x(12	1031	1286	1155	1441	1664	1011	1246	1076
mom_x(12	1036	1287	1153	1442	1665	1016	1245	1079
mom_x(12	1038	1288	1152	1444	1666	1019	1244	1079
mom_x(12	1042	1289	1151	1446	1667	1028	1242	1078
mom_x(12	1043	1289	1150	1448	1669	1030	1240	1076
mom_x(12	1047	1290	1149	1450	1669	1030	1239	1076
mom_x(12	1047	1290	1148	1451	1669	1028	1237	1074
mom_x(12	1046	1291	1147	1453	1671	1027	1237	1072
mom_x(13	1048	1291	1147	1455	1671	1027	1239	1070
mom_x(13	1051	1290	1145	1457	1672	1026	1241	1068
mom_x(13	1055	1289	1143	1457	1672	1024	1243	1067
mom_x(13	1059	1290	1141	1457	1671	1021	1244	1066
mom_x(13	1063	1289	1139	1458	1673	1020	1245	1066
mom_x(13	1066	1288	1137	1461	1673	1019	1246	1066
mom_x(13	1070	1287	1134	1462	1674	1018	1247	1066
mom_x(13	1074	1286	1132	1465	1676	1015	1248	1065
mom_x(13	1078	1285	1130	1466	1676	1014	1248	1064
mom_x(13	1081	1284	1128	1468	1676	1015	1249	1064
mom_x(14	1084	1281	1126	1469	1678	1016	1250	1064
mom_x(14	1088	1280	1123	1472	1679	1015	1251	1064
mom_x(14	1091	1279	1120	1474	1678	1015	1252	1064
mom_x(14	1096	1277	1119	1476	1681	1016	1253	1064
mom_x(14	1098	1275	1116	1478	1686	1019	1255	1060
mom_x(14	1102	1274	1115	1480	1692	1020	1255	1059
mom_x(14	1106	1271	1113	1483	1694	1021	1257	1060
mom_x(14	1109	1270	1111	1485	1698	1022	1258	1059
mom_x(14	1112	1267	1112	1487	1699	1024	1258	1057

mom_x(14)	1115	1266	1115	1488	1697	1027	1259	1057
mom_x(15)	1118	1265	1119	1491	1695	1029	1260	1057
mom_x(15)	1121	1264	1122	1495	1691	1031	1261	1057
mom_x(15)	1124	1260	1125	1497	1690	1033	1262	1059
mom_x(15)	1126	1260	1127	1499	1690	1036	1263	1057
mom_x(15)	1128	1259	1128	1502	1690	1038	1264	1057
mom_x(15)	1130	1259	1131	1504	1704	1042	1264	1058
mom_x(15)	1132	1258	1133	1505		1044	1262	1058
mom_x(15)	1134	1255	1135	1507		1047	1262	1057
mom_x(15)	1136	1253	1139	1503		1051	1262	1057
mom_x(15)	1137	1249	1141	1503		1052	1263	1056
mom_x(16)	1138	1247	1143	1503		1053	1263	1055
mom_x(16)	1139	1245	1146	1503		1055	1264	1055
mom_x(16)	1140	1242	1148	1501		1057	1266	1053
mom_x(16)	1141	1238	1151	1501		1061	1267	1052
mom_x(16)	1142	1236	1153	1500		1062	1268	1051
mom_x(16)	1142	1233	1152	1499		1068	1269	1049
mom_x(16)	1141	1230	1148	1499		1071	1270	1048
mom_x(16)	1140	1227	1145	1497	1705	1073	1271	1046
mom_x(16)	1140	1225	1144	1496		1077	1271	1045
mom_x(16)	1140	1223	1143	1495		1080	1273	1044
mom_x(17)	1139	1220	1141	1494		1084	1274	1043
mom_x(17)	1139	1217	1140	1492		1087	1275	1042
mom_x(17)	1138	1214	1138	1490	1706	1089	1276	1039
mom_x(17)	1136	1213	1136	1490	1706	1093	1277	1038
mom_x(17)	1134	1210	1133	1487	1706	1097	1278	1036
mom_x(17)	1133	1207	1130	1487	1703	1100	1278	1035
mom_x(17)	1130	1205	1128	1486	1696	1104	1279	1035
mom_x(17)	1128	1204	1126	1484	1688	1107	1279	1033
mom_x(17)	1126	1208	1123	1483	1679	1111	1280	1032
mom_x(17)	1123	1210	1120	1480	1668	1114	1282	1031
mom_y(0)	1079	1026	882	864	740	631	577	560
mom_y(1)	1081	1027	884	864	739	627	575	560
mom_y(2)	1083	1028	885	864	739	621	573	560
mom_y(3)	1085	1029	884	865	739	617	572	560
mom_y(4)	1087	1029	885	866	738	613	570	560
mom_y(5)	1088	1030	887	867	738	610	569	560
mom_y(6)	1090	1032	888	867	737	607	567	561
mom_y(7)	1091	1033	887	868	737	604	566	560
mom_y(8)	1093	1034	888	868	737	601	565	560
mom_y(9)	1094	1035	889	869	736	597	564	560
mom_y(10)	1095	1036	889	869	736	594	563	560
mom_y(11)	1096	1038	889	869	736	590	562	561
mom_y(12)	1096	1037	890	869	735	586	560	560
mom_y(13)	1097	1039	891	869	735	582	558	558
mom_y(14)	1097	1038	892	870	734	578	557	558
mom_y(15)	1098	1040	891	870	734	574	556	558
mom_y(16)	1098	1042	891	870	734	570	554	558
mom_y(17)	1097	1043	892	869	734	567	552	558
mom_y(18)	1098	1045	892	870	733	564	550	557

mom_y(19)	1097	1045	893	868	733	561	549	559
mom_y(20)	1098	1047	894	869	732	557	547	558
mom_y(21)	1098	1048	893	868	732	554	545	558
mom_y(22)	1097	1050	892	869	732	552	543	558
mom_y(23)	1095	1052	892	868	732	548	542	557
mom_y(24)	1095	1053	893	869	731	545	540	557
mom_y(25)	1094	1056	892	867	730	542	539	556
mom_y(26)	1092	1057	890	868	730	538	537	557
mom_y(27)	1091	1059	893	866	730	536	535	558
mom_y(28)	1089	1060	895	866	730	532	533	557
mom_y(29)	1087	1062	891	865	730	530	532	555
mom_y(30)	1086	1063	890	864	730	527	531	555
mom_y(31)	1084	1065	890	863	730	524	529	555
mom_y(32)	1084	1065	890	863	730	524	529	555
mom_y(33)	1082	1067	892	863	729	522	528	555
mom_y(34)	1080	1068	894	862	729	519	526	556
mom_y(35)	1080	1069	893	861	729	516	525	557
mom_y(36)	1079	1071	892	861	729	512	523	557
mom_y(37)	1078	1073	892	859	729	510	521	558
mom_y(38)	1078	1075	891	859	729	507	520	555
mom_y(39)	1075	1078	891	854	729	506	518	555
mom_y(40)	1073	1080	890	852	729	503	516	554
mom_y(41)	1071	1081	891	850	729	500	515	555
mom_y(42)	1068	1081	891	847	728	497	513	555
mom_y(43)	1065	1083	890	842	728	494	511	554
mom_y(44)	1062	1086	891	840	727	493	510	556
mom_y(45)	1059	1090	891	839	726	492	510	557
mom_y(46)	1058	1091	891	838	726	489	507	558
mom_y(47)	1059	1095	889	836	725	488	506	559
mom_y(48)	1060	1096	890	837	725	489	506	556
mom_y(49)	1060	1099	888	836	725	490	508	557
mom_y(50)	1059	1101	889	835	724	489	508	559
mom_y(51)	1058	1105	889	834	723	485	508	561
mom_y(52)	1058	1107	887	832	722	483	508	558
mom_y(53)	1058	1110	886	831	721	480	507	558
mom_y(54)	1058	1112	885	830	721	478	507	558
mom_y(55)	1059	1114	885	830	720	475	507	558
mom_y(56)	1060	1117	883	827	720	472	507	558
mom_y(57)	1062	1119	884	826	719	469	506	560
mom_y(58)	1065	1120	884	824	719	468	505	561
mom_y(59)	1067	1120	885	822	718	465	505	562
mom_y(60)	1068	1124	882	820	717	463	507	560
mom_y(61)	1070	1126	880	818	718	463	505	561
mom_y(62)	1074	1128	879	816	717	461	503	562
mom_y(63)	1076	1129	878	814	716	462	502	563
mom_y(64)	1079	1131	877	812	716	459	501	564
mom_y(65)	1083	1132	879	810	716	456	501	565
mom_y(66)	1085	1135	884	808	716	454	500	566
mom_y(67)	1089	1136	885	807	715	454	500	567
mom_y(68)	1092	1137	887	805	714	453	500	567

mom_y(69	1095	1138	887	803	714	452	500	568
mom_y(70	1100	1141	889	801	714	449	499	568
mom_y(71	1104	1141	890	799	714	448	499	569
mom_y(72	1107	1144	891	799	714	447	498	568
mom_y(73	1110	1143	894	797	715	446	498	567
mom_y(74	1114	1143	895	794	714	447	497	567
mom_y(75	1117	1144	897	793	714	446	496	568
mom_y(76	1119	1146	899	791	714	444	496	568
mom_y(77	1122	1146	901	789	715	443	496	569
mom_y(78	1124	1148	902	787	715	443	495	569
mom_y(79	1127	1149	905	785	715	443	495	571
mom_y(80	1129	1149	906	784	715	440	495	573
mom_y(81	1131	1149	907	785	716	439	493	573
mom_y(82	1134	1151	909	785	716	438	496	573
mom_y(83	1135	1151	910	784	717	436	498	573
mom_y(84	1137	1152	912	784	717	436	499	574
mom_y(85	1137	1152	913	783	717	434	500	574
mom_y(86	1138	1153	913	782	717	431	501	576
mom_y(87	1139	1152	914	781	717	434	502	579
mom_y(88	1141	1152	915	780	717	435	502	580
mom_y(89	1143	1152	915	779	717	431	503	581
mom_y(90	1145	1153	916	778	717	428	503	581
mom_y(91	1144	1153	916	776	717	428	503	580
mom_y(92	1142	1152	916	775	717	429	503	582
mom_y(93	1144	1152	917	774	716	430	503	580
mom_y(94	1144	1152	915	773	716	431	502	579
mom_y(95	1143	1150	914	772	715	432	502	579
mom_y(96	1144	1150	913	772	715	433	502	580
mom_y(97	1143	1149	913	771	714	432	502	581
mom_y(98	1143	1148	918	769	714	433	502	583
mom_y(99	1146	1148	920	770	714	434	502	584
mom_y(100	1145	1148	919	768	714	433	502	582
mom_y(101	1147	1148	919	768	714	436	502	582
mom_y(102	1143	1145	916	768	712	435	502	584
mom_y(103	1141	1145	913	768	712	437	502	584
mom_y(104	1140	1145	912	767	712	437	502	586
mom_y(105	1139	1148	912	767	712	441	505	587
mom_y(106	1137	1150	913	768	714	440	506	587
mom_y(107	1135	1152	914	767	717	436	506	588
mom_y(108	1133	1153	915	767	718	431	506	588
mom_y(109	1130	1154	916	768	720	431	508	589
mom_y(110	1128	1155	916	768	721	433	508	589
mom_y(111	1126	1156	918	769	718	435	510	591
mom_y(112	1125	1157	918	770	716	435	511	588
mom_y(113	1123	1158	919	771	716	436	513	587
mom_y(114	1122	1159	920	771	716	447	513	588
mom_y(115	1121	1161	922	774	715	455	515	591
mom_y(116	1120	1162	923	772	715	464	515	589
mom_y(117	1120	1163	923	770	716	468	514	587
mom_y(118	1120	1166	924	770	718	470	513	583

mom_y(11)	1119	1167	925	771	719	478	511	583
mom_y(12)	1119	1169	925	773	720	488	511	583
mom_y(12)	1120	1171	925	774	722	494	511	583
mom_y(12)	1120	1173	923	775	724	497	510	583
mom_y(12)	1121	1174	918	775	727	499	509	582
mom_y(12)	1121	1176	915	777	729	500	510	582
mom_y(12)	1122	1178	914	777	731	500	510	581
mom_y(12)	1122	1180	914	779	734	499	510	580
mom_y(12)	1124	1183	914	779	736	499	510	579
mom_y(12)	1124	1185	914	781	738	498	510	580
mom_y(12)	1122	1187	913	782	741	498	510	578
mom_y(13)	1120	1187	913	783	742	498	511	577
mom_y(13)	1120	1190	911	782	743	498	508	576
mom_y(13)	1119	1192	911	780	745	498	506	574
mom_y(13)	1117	1193	910	779	746	497	505	575
mom_y(13)	1115	1196	910	779	748	497	504	574
mom_y(13)	1115	1201	909	780	753	496	502	574
mom_y(13)	1113	1202	908	780	756	494	502	574
mom_y(13)	1112	1204	908	780	759	493	501	572
mom_y(13)	1111	1206	908	780	759	493	500	572
mom_y(13)	1111	1207	907	779	760	495	498	572
mom_y(14)	1111	1210	907	780	763	498	497	570
mom_y(14)	1109	1210	906	779	768	500	495	570
mom_y(14)	1111	1212	906	779	770	501	492	569
mom_y(14)	1111	1212	906	779	770	498	491	570
mom_y(14)	1111	1215	904	778	768	498	490	569
mom_y(14)	1112	1216	905	778	760	499	490	569
mom_y(14)	1113	1218	904	777	747	499	488	569
mom_y(14)	1113	1219	905	776	733	499	486	568
mom_y(14)	1115	1221	907	776	722	499	486	568
mom_y(14)	1117	1222	904	776	722	499	488	569
mom_y(15)	1118	1225	902	775	720	500	490	568
mom_y(15)	1120	1226	901	774	715	500	491	568
mom_y(15)	1123	1225	900	774	713	499	493	567
mom_y(15)	1124	1225	900	773	712	499	494	567
mom_y(15)	1127	1225	900	772	711	500	496	566
mom_y(15)	1130	1224	901	777	702	499	496	568
mom_y(15)	1132	1225	900	779		500	492	567
mom_y(15)	1135	1224	900	779		499	490	567
mom_y(15)	1138	1225	900	780		498	489	567
mom_y(15)	1141	1225	900	779		499	488	566
mom_y(16)	1145	1225	900	778		499	487	565
mom_y(16)	1149	1225	900	777		500	486	565
mom_y(16)	1151	1224	901	778		498	486	564
mom_y(16)	1155	1226	902	780		498	483	564
mom_y(16)	1159	1225	902	781		497	483	563
mom_y(16)	1162	1225	903	781		497	482	563
mom_y(16)	1165	1225	904	783		496	481	562
mom_y(16)	1170	1224	905	784	696	496	480	562
mom_y(16)	1173	1224	905	786		496	479	561

mom_y(16)	1176	1224	904	786		495	478	561
mom_y(17)	1180	1223	903	787		496	475	561
mom_y(17)	1181	1223	902	788		496	475	560
mom_y(17)	1184	1222	901	789	702	496	473	559
mom_y(17)	1189	1220	900	789	703	496	473	558
mom_y(17)	1192	1219	899	791	712	494	471	558
mom_y(17)	1194	1216	898	791	722	493	470	557
mom_y(17)	1197	1217	896	792	733	491	469	557
mom_y(17)	1201	1218	894	793	744	490	467	558
mom_y(17)	1203	1216	892	794	752	489	466	556
mom_y(17)	1206	1216	889	795	756	488	465	556
mom_dst(0)	0	0	0	0	0	0	0	0
mom_dst(1)	3.60555	1.41421	2.23607	1	2.23607	4	2	0
mom_dst(2)	2.82843	2.23607	2.23607	1	0	6.08276	2.23607	0
mom_dst(3)	2.82843	1	3.16228	1.41421	2	4	1	0
mom_dst(4)	2.82843	2	1.41421	2.23607	3.16228	4	2	1
mom_dst(5)	1.41421	1.41421	2.23607	3.16228	2	3.60555	1	0
mom_dst(6)	3.60555	2.23607	1.41421	1	2.23607	3.16228	2.23607	1
mom_dst(7)	2.23607	1	3.16228	2.23607	2	3.60555	1	1.41421
mom_dst(8)	3.60555	1.41421	1.41421	2	3	3	1	0
mom_dst(9)	2.23607	1.41421	2.23607	2.23607	3.16228	4.12311	1.41421	1
mom_dst(1)	1.41421	2.23607	2	1	4	3.60555	1.41421	0
mom_dst(1)	1.41421	2.23607	2	2	2	4.12311	1	1
mom_dst(1)	2	1	1	2	3.16228	4.12311	2.23607	1
mom_dst(1)	4.12311	2.82843	1.41421	1	1	4	2.23607	2.23607
mom_dst(1)	2	2.23607	1.41421	1.41421	4.12311	4.12311	1.41421	0
mom_dst(1)	3.16228	2	3.16228	2	2	4.12311	1	0
mom_dst(1)	2	2.23607	1	2	2	4.12311	2	0
mom_dst(1)	4.12311	1	2.23607	2.23607	1	3.60555	2.23607	0
mom_dst(1)	2.23607	2.23607	3	1.41421	3.16228	3.60555	2.23607	1.41421
mom_dst(1)	4.12311	1	1.41421	3.60555	2	3	1.41421	2.82843
mom_dst(2)	3.16228	2.23607	2.23607	1	3.16228	4.12311	2.82843	1.41421
mom_dst(2)	0	1	2.23607	2.23607	2	3.60555	2	4
mom_dst(2)	2.23607	2.23607	2.23607	2.23607	2	2.82843	2.23607	3
mom_dst(2)	3.60555	2	2	2.23607	3	4.12311	1	1.41421
mom_dst(2)	2	2.23607	3.16228	1.41421	1	3	2.23607	0
mom_dst(2)	2.23607	3	1.41421	2.82843	3.16228	3.60555	1.41421	3.16228
mom_dst(2)	4.47214	1	2.23607	2.23607	3	4.12311	2	1
mom_dst(2)	2.23607	2.23607	3.16228	2.82843	2	2.23607	2.23607	1
mom_dst(2)	2.82843	1.41421	2.82843	2	1	4	2.23607	1
mom_dst(2)	2.82843	2	4	2.23607	4	2.82843	1.41421	2.23607
mom_dst(3)	1.41421	1	1.41421	2.23607	2	3.16228	1	1
mom_dst(3)	2.82843	2.23607	1	2.23607	4	3	2.23607	1
mom_dst(3)	0	0	0	0	0	0	0	0
mom_dst(3)	2.82843	2.82843	2.82843	2	2.23607	2.82843	1	1
mom_dst(3)	2.82843	1	2.23607	2.23607	4	3	2.23607	2.23607
mom_dst(3)	0	1	1.41421	2.23607	5	3.16228	1	1
mom_dst(3)	2.23607	2	3.16228	2	1	4	2.23607	3
mom_dst(3)	1.41421	2.23607	1	2.82843	2	2.23607	2.23607	1
mom_dst(3)	1	2.23607	2.23607	2	2	3.16228	1.41421	3.16228

mom_dst(ε	3	3	2	5.38516	1	1.41421	2.23607	1
mom_dst(ϵ	2.23607	2	3.16228	2.23607	3	3.16228	2.23607	1
mom_dst(ϵ	2	1	1.41421	2.23607	1	3	1	1
mom_dst(ϵ	3	0	2	3	3.16228	3.60555	2.23607	1
mom_dst(ϵ	3	2	3.16228	5	3	3	2.23607	1
mom_dst(ϵ	3.16228	3.16228	1.41421	2	2.23607	2.23607	1.41421	2.23607
mom_dst(ϵ	3.16228	4.12311	2	1.41421	3.16228	1	1	4.12311
mom_dst(ϵ	1.41421	1	3	1.41421	2	3.60555	3.16228	1
mom_dst(ϵ	1	4.47214	2.23607	2.82843	4.12311	2.23607	1.41421	1
mom_dst(ϵ	1.41421	1	2.23607	2.23607	1	4.12311	0	4.24264
mom_dst(ϵ	1	3.16228	3.60555	1.41421	3	2.23607	2.23607	1.41421
mom_dst(ε	3.16228	2	1.41421	1.41421	2.23607	1	1	2
mom_dst(ε	2.23607	4.12311	4	1	2.23607	4.12311	1	2.23607
mom_dst(ε	2	2.23607	2.23607	2.23607	5.09902	2.23607	0	5
mom_dst(ε	4	3.16228	2.23607	1.41421	4.12311	3.60555	2.23607	3
mom_dst(ε	3	2.82843	2.23607	1.41421	4	2	2	0
mom_dst(ε	3.16228	2	1	2	3.16228	4.24264	1	0
mom_dst(ε	3.16228	3.16228	2.82843	3	1	3.60555	2	0
mom_dst(ε	3.60555	2.82843	2.23607	2.23607	4.12311	4.24264	1.41421	2.82843
mom_dst(ε	4.24264	2.23607	2	2	1	4.12311	2.23607	2.23607
mom_dst(ε	2.82843	1	2.23607	2	4.12311	3.60555	1	1.41421
mom_dst(ε	2.23607	4.47214	3.16228	2.23607	3.16228	4.47214	2.23607	3.60555
mom_dst(ε	2.82843	2	2	2.82843	2.23607	5	2.23607	4.12311
mom_dst(ε	4.47214	2.82843	1.41421	2.23607	4.12311	3.60555	2.82843	1
mom_dst(ε	2.82843	1.41421	2.23607	2	3.16228	3.16228	2.23607	1.41421
mom_dst(ε	3.60555	3.60555	1.41421	3.60555	3	3.60555	1.41421	1.41421
mom_dst(ε	4.47214	1.41421	2.23607	2.23607	2	3.60555	2	1
mom_dst(ε	2.23607	4.24264	5.09902	2.82843	3	2.23607	2.23607	1.41421
mom_dst(ε	4.47214	1.41421	1.41421	1.41421	1.41421	0	1	1
mom_dst(ε	3	5.09902	2.23607	2	2.23607	1	2	0
mom_dst(ε	3.16228	1.41421	0	2	2	2.23607	1	1
mom_dst(̄	5.09902	4.24264	2.23607	2.82843	3	4.24264	1.41421	1
mom_dst(̄	4.12311	1	2.23607	7.28011	3	1.41421	1	2.23607
mom_dst(̄	3.16228	4.24264	1.41421	1	2	3.16228	1.41421	1
mom_dst(̄	3.16228	2.23607	3.60555	2.23607	2.23607	1.41421	1	1
mom_dst(̄	4.12311	2	2.23607	7.61577	3.16228	4.12311	1.41421	4
mom_dst(̄	3.16228	2.23607	2.23607	1	3	1.41421	1.41421	2.23607
mom_dst(̄	2	3.60555	3.60555	3.60555	2	2.23607	2	1
mom_dst(̄	3	2	2.82843	3.60555	3.16228	2.23607	1	1
mom_dst(̄	2.23607	2.82843	2.23607	2.82843	2	0	2.23607	0
mom_dst(̄	4.24264	3.16228	3.60555	2.23607	2	0	1	2.82843
mom_dst(ξ	2.23607	2	2.23607	1.41421	3	3.60555	1	2
mom_dst(ξ	2.82843	3	3.16228	3.16228	3.16228	2.23607	2.23607	0
mom_dst(ξ	3.60555	3.60555	2.82843	1	2	1.41421	3	1
mom_dst(ξ	2.23607	3	2.23607	1.41421	4.12311	2.82843	4.47214	1
mom_dst(ξ	3.60555	2.23607	3.60555	0	3	0	1.41421	1.41421
mom_dst(ξ	1	4	3.16228	1	3	2.82843	1.41421	1
mom_dst(ξ	1.41421	2.23607	3	1	2	5	1.41421	2.23607
mom_dst(ξ	3.16228	3.16228	3.16228	1.41421	4	3	1.41421	3.16228
mom_dst(ξ	3.60555	1	3.16228	2.23607	3	1	0	1.41421

mom_dst(€	2.82843	2	2	1	3	4.47214	1.41421	2.23607
mom_dst(€	4.47214	4.12311	2.23607	3.16228	4	4.24264	2	0
mom_dst(€	1	2	3	2.23607	2	1	1	2.23607
mom_dst(€	2	4.12311	3	1.41421	3	1	1	2
mom_dst(€	3.60555	3	4.12311	2.23607	3.16228	1.41421	2	3.60555
mom_dst(€	3	3	2	2.23607	2	1.41421	1.41421	1.41421
mom_dst(€	3.16228	3.60555	3.16228	2.23607	3.16228	1.41421	1	1
mom_dst(€	2.23607	3	1	1	2	1	2	1
mom_dst(€	4.12311	2.23607	2	3.16228	3.16228	1.41421	1	1.41421
mom_dst(€	1	2.23607	5.09902	2.23607	2	1.41421	2	2.23607
mom_dst(€	3.16228	3	2.23607	2.23607	3	1.41421	1	1
mom_dst(1	2.23607	1	2.23607	2.82843	3	1.41421	0	2.82843
mom_dst(1	3.60555	0	1	2	2	3	1	1
mom_dst(1	4.47214	3.60555	3.60555	2	2.82843	1.41421	2	2.23607
mom_dst(1	2.23607	0	4.24264	2	0	2.23607	1	2
mom_dst(1	2.23607	1	3.16228	3.16228	0	3	1	2.23607
mom_dst(1	1.41421	3	3	2	0	4.47214	3.60555	2.23607
mom_dst(1	2.82843	2	2.23607	3.16228	2.23607	3.16228	1.41421	1
mom_dst(1	2.23607	2.23607	1.41421	2.23607	3.16228	8.94427	1	1
mom_dst(1	2.82843	1.41421	2.23607	3	1.41421	9.43398	0	2
mom_dst(1	4.24264	1.41421	1.41421	2.23607	2.23607	2	2.23607	1.41421
mom_dst(1	2.82843	1.41421	0	2	2.23607	2.23607	1	0
mom_dst(1	3.60555	2.23607	2.23607	2.23607	3.60555	2.82843	2.23607	3.60555
mom_dst(1	2.23607	1.41421	1	2.23607	2.23607	0	1	4.24264
mom_dst(1	4.47214	2.23607	1.41421	1.41421	1	1	2	1.41421
mom_dst(1	2.23607	1.41421	1.41421	2	1	11.7047	0	1
mom_dst(1	3.16228	2.23607	2.82843	3.16228	3.16228	8.06226	2.23607	3.16228
mom_dst(1	3.16228	1.41421	1	4.47214	0	9.84886	0	2.82843
mom_dst(1	3	2.23607	1	2.82843	2.23607	4.47214	1.41421	2.82843
mom_dst(1	4	3.16228	1.41421	1	2	2.23607	1.41421	4.12311
mom_dst(1	3.16228	2.23607	4.12311	1	1.41421	10	5.38516	1
mom_dst(1	3	2	1	2.82843	1	10.7703	2	0
mom_dst(1	3.16228	2.82843	1	2.23607	2.23607	6.7082	1	1
mom_dst(1	4	2.23607	2	3.16228	2.23607	3.60555	2.23607	1
mom_dst(1	5.09902	1.41421	5.38516	1	3.16228	5.38516	1.41421	3.16228
mom_dst(1	2	2.23607	3.16228	2.82843	2.23607	3.16228	1.41421	0
mom_dst(1	4.12311	2.23607	1.41421	2	2.23607	9	2	1.41421
mom_dst(1	1	2	1	2.82843	3.60555	2.23607	2	2.23607
mom_dst(1	4.47214	3.16228	1	2	2	0	1	1
mom_dst(1	0	2	1	2.23607	2	2.23607	2	2.23607
mom_dst(1	2.23607	2.23607	1.41421	2.23607	3.60555	1	0	2.82843
mom_dst(1	2.82843	0	0	2.23607	1	0	2.23607	2.23607
mom_dst(1	3	3.16228	2.82843	2.23607	1.41421	1	3.60555	2.23607
mom_dst(1	4.12311	2.23607	2	2	2	2	2.82843	2.23607
mom_dst(1	4.47214	1.41421	2.23607	1	1.41421	3.16228	1.41421	1.41421
mom_dst(1	4.47214	3.16228	2	1	2.82843	1	1.41421	1
mom_dst(1	3	5.09902	2.23607	3.16228	5	1.41421	2.23607	0
mom_dst(1	4.47214	1.41421	3.16228	1	3.16228	2.23607	1	0
mom_dst(1	4.12311	2.23607	2	3	3.60555	3.16228	1.41421	2.23607
mom_dst(1	4.12311	2.23607	2	1	0	1	1	1

mom_dst(1)	3	1.41421	2.23607	2.23607	1	2.23607	2.23607	0
mom_dst(1)	3	4.24264	2	1.41421	3.60555	3.16228	1.41421	2
mom_dst(1)	4.47214	1	3.16228	3.16228	5.09902	2.23607	2.23607	0
mom_dst(1)	3.60555	2.23607	3	2	2.23607	1	3.16228	1
mom_dst(1)	5	2	1	2	3	3.16228	1.41421	1
mom_dst(1)	2	3.60555	3.60555	2.23607	5.38516	3	2.23607	4.12311
mom_dst(1)	4.12311	1.41421	1.41421	2	10	1.41421	0	1
mom_dst(1)	4.12311	3.60555	2.23607	3.16228	13.1529	1	2.82843	1
mom_dst(1)	3	1.41421	2.23607	2.23607	14.5602	1	2.23607	1.41421
mom_dst(1)	3.60555	3.60555	2.23607	2	11.0454	2	0	2
mom_dst(1)	3.60555	1.41421	4.24264	1	2	3	2.23607	1
mom_dst(1)	3.16228	3.16228	4.47214	3.16228	2.82843	2.23607	2.23607	1
mom_dst(1)	3.60555	1.41421	3.16228	4.12311	6.40312	2	1.41421	0
mom_dst(1)	4.24264	4.12311	3.16228	2	2.23607	2.23607	2.23607	2.23607
mom_dst(1)	2.23607	0	2	2.23607	1	3	1.41421	2
mom_dst(1)	3.60555	1	1	3.16228	1	2.23607	2.23607	1
mom_dst(1)	3.60555	1	3.16228	5.38516	16.6433	4.12311	0	2.23607
mom_dst(1)	2.82843	1.41421	2.23607	2.23607		2.23607	4.47214	1
mom_dst(1)	3.60555	3.16228	2	2		3.16228	2	1
mom_dst(1)	3.60555	2.23607	4	4.12311		4.12311	1	0
mom_dst(1)	3.16228	4	2	1		1.41421	1.41421	1.41421
mom_dst(1)	4.12311	2	2	1		1	1	1.41421
mom_dst(1)	4.12311	2	3	1		2.23607	1.41421	0
mom_dst(1)	2.23607	3.16228	2.23607	2.23607		2.82843	2	2.23607
mom_dst(1)	4.12311	4.47214	3.16228	2		4	3.16228	1
mom_dst(1)	4.12311	2.23607	2	1.41421		1.41421	1	1.41421
mom_dst(1)	3	3	1.41421	1		6	1.41421	2
mom_dst(1)	3.16228	3	4.12311	2		3.16228	1.41421	1.41421
mom_dst(1)	5.09902	3.16228	3.16228	2.23607	6.08276	2	1.41421	2
mom_dst(1)	3	2	1	2.23607		4	1	1.41421
mom_dst(1)	3	2	1.41421	1		3.16228	2.23607	1
mom_dst(1)	4.12311	3.16228	2.23607	1.41421		4.12311	3.16228	1
mom_dst(1)	1	3	1.41421	2.23607		3	1	1.41421
mom_dst(1)	3.16228	3.16228	2.23607	2.23607	6.08276	2	2.23607	3.16228
mom_dst(1)	5.38516	2.23607	2.23607	0	1	4	1	1.41421
mom_dst(1)	3.60555	3.16228	3.16228	3.60555	9	4.47214	2.23607	2
mom_dst(1)	2.23607	4.24264	3.16228	0	10.4403	3.16228	1	1.41421
mom_dst(1)	4.24264	2.23607	2.82843	1.41421	13.0384	4.47214	1.41421	0
mom_dst(1)	4.47214	1.41421	2.82843	2.23607	13.6015	3.16228	2	2.23607
mom_dst(1)	2.82843	4.47214	3.60555	1.41421	12.0416	4.12311	1.41421	2.23607
mom_dst(1)	4.24264	2	4.24264	3.16228	11.7047	3.16228	2.23607	1
acc_dst(0)	0	0	0	0	0	0	0	0
acc_dst(1)	3.60555	1.41421	2.23607	1	2.23607	4	2	0
acc_dst(2)	6.43398	3.65028	4.47214	2	2.23607	10.0828	4.23607	0
acc_dst(3)	9.26241	4.65028	7.63441	3.41421	4.23607	14.0828	5.23607	0
acc_dst(4)	12.0908	6.65028	9.04863	5.65028	7.39835	18.0828	7.23607	1
acc_dst(5)	13.505	8.0645	11.2847	8.81256	9.39835	21.6883	8.23607	1
acc_dst(6)	17.1106	10.3006	12.6989	9.81256	11.6344	24.8506	10.4721	2
acc_dst(7)	19.3467	11.3006	15.8612	12.0486	13.6344	28.4561	11.4721	3.41421
acc_dst(8)	22.9522	12.7148	17.2754	14.0486	16.6344	31.4561	12.4721	3.41421

acc_dst(9)	25.1883	14.129	19.5115	16.2847	19.7967	35.5792	13.8863	4.41421
acc_dst(10)	26.6025	16.3651	21.5115	17.2847	23.7967	39.1848	15.3006	4.41421
acc_dst(11)	28.0167	18.6011	23.5115	19.2847	25.7967	43.3079	16.3006	5.41421
acc_dst(12)	30.0167	19.6011	24.5115	21.2847	28.959	47.431	18.5366	6.41421
acc_dst(13)	34.1398	22.4296	25.9257	22.2847	29.959	51.431	20.7727	8.65028
acc_dst(14)	36.1398	24.6656	27.3399	23.6989	34.0821	55.5541	22.1869	8.65028
acc_dst(15)	39.3021	26.6656	30.5022	25.6989	36.0821	59.6772	23.1869	8.65028
acc_dst(16)	41.3021	28.9017	31.5022	27.6989	38.0821	63.8003	25.1869	8.65028
acc_dst(17)	45.4252	29.9017	33.7382	29.935	39.0821	67.4059	27.423	8.65028
acc_dst(18)	47.6613	32.1378	36.7382	31.3492	42.2444	71.0114	29.659	10.0645
acc_dst(19)	51.7844	33.1378	38.1525	34.9547	44.2444	74.0114	31.0733	12.8929
acc_dst(20)	54.9467	35.3738	40.3885	35.9547	47.4066	78.1345	33.9017	14.3071
acc_dst(21)	54.9467	36.3738	42.6246	38.1908	49.4066	81.7401	35.9017	18.3071
acc_dst(22)	57.1827	38.6099	44.8607	40.4269	51.4066	84.5685	38.1378	21.3071
acc_dst(23)	60.7883	40.6099	46.8607	42.6629	54.4066	88.6916	39.1378	22.7213
acc_dst(24)	62.7883	42.846	50.0229	44.0772	55.4066	91.6916	41.3738	22.7213
acc_dst(25)	65.0243	45.846	51.4371	46.9056	58.5689	95.2972	42.788	25.8836
acc_dst(26)	69.4965	46.846	53.6732	49.1417	61.5689	99.4203	44.788	26.8836
acc_dst(27)	71.7325	49.082	56.8355	51.9701	63.5689	101.656	47.0241	27.8836
acc_dst(28)	74.561	50.4962	59.6639	53.9701	64.5689	105.656	49.2602	28.8836
acc_dst(29)	77.3894	52.4962	63.6639	56.2061	68.5689	108.485	50.6744	31.1197
acc_dst(30)	78.8036	53.4962	65.0781	58.4422	70.5689	111.647	51.6744	32.1197
acc_dst(31)	81.632	55.7323	66.0781	60.6783	74.5689	114.647	53.9105	33.1197
acc_dst(32)	81.632	55.7323	66.0781	60.6783	74.5689	114.647	53.9105	33.1197
acc_dst(33)	84.4605	58.5607	68.9066	62.6783	76.805	117.475	54.9105	34.1197
acc_dst(34)	87.2889	59.5607	71.1426	64.9144	80.805	120.475	57.1465	36.3558
acc_dst(35)	87.2889	60.5607	72.5568	67.1504	85.805	123.638	58.1465	37.3558
acc_dst(36)	89.525	62.5607	75.7191	69.1504	86.805	127.638	60.3826	40.3558
acc_dst(37)	90.9392	64.7968	76.7191	71.9788	88.805	129.874	62.6187	41.3558
acc_dst(38)	91.9392	67.0329	78.9552	73.9788	90.805	133.036	64.0329	44.518
acc_dst(39)	94.9392	70.0329	80.9552	79.364	91.805	134.45	66.2689	45.518
acc_dst(40)	97.1752	72.0329	84.1175	81.6001	94.805	137.613	68.505	46.518
acc_dst(41)	99.1752	73.0329	85.5317	83.8361	95.805	140.613	69.505	47.518
acc_dst(42)	102.175	73.0329	87.5317	86.8361	98.9673	144.218	71.7411	48.518
acc_dst(43)	105.175	75.0329	90.694	91.8361	101.967	147.218	73.9771	49.518
acc_dst(44)	108.338	78.1952	92.1082	93.8361	104.203	149.454	75.3914	51.7541
acc_dst(45)	111.5	82.3183	94.1082	95.2504	107.366	150.454	76.3914	55.8772
acc_dst(46)	112.914	83.3183	97.1082	96.6646	109.366	154.06	79.5536	56.8772
acc_dst(47)	113.914	87.7904	99.3442	99.493	113.489	156.296	80.9679	57.8772
acc_dst(48)	115.328	88.7904	101.58	101.729	114.489	160.419	80.9679	62.1199
acc_dst(49)	116.328	91.9527	105.186	103.143	117.489	162.655	83.2039	63.5341
acc_dst(50)	119.491	93.9527	106.6	104.557	119.725	163.655	84.2039	65.5341
acc_dst(51)	121.727	98.0758	110.6	105.557	121.961	167.778	85.2039	67.7701
acc_dst(52)	123.727	100.312	112.836	107.794	127.06	170.014	85.2039	72.7701
acc_dst(53)	127.727	103.474	115.072	109.208	131.183	173.62	87.44	75.7701
acc_dst(54)	130.727	106.303	117.308	110.622	135.183	175.62	89.44	75.7701
acc_dst(55)	133.889	108.303	118.308	112.622	138.345	179.862	90.44	75.7701
acc_dst(56)	137.051	111.465	121.137	115.622	139.345	183.468	92.44	75.7701
acc_dst(57)	140.657	114.293	123.373	117.858	143.468	187.711	93.8542	78.5986
acc_dst(58)	144.899	116.529	125.373	119.858	144.468	191.834	96.0903	80.8346

acc_dst(59)	147.728	117.529	127.609	121.858	148.591	195.439	97.0903	82.2488
acc_dst(60)	149.964	122.001	130.771	124.094	151.754	199.911	99.3263	85.8544
acc_dst(61)	152.792	124.001	132.771	126.923	153.99	204.911	101.562	89.9775
acc_dst(62)	157.264	126.83	134.185	129.159	158.113	208.517	104.391	90.9775
acc_dst(63)	160.093	128.244	136.421	131.159	161.275	211.679	106.627	92.3917
acc_dst(64)	163.698	131.85	137.836	134.764	164.275	215.285	108.041	93.8059
acc_dst(65)	168.17	133.264	140.072	137	166.275	218.89	110.041	94.8059
acc_dst(66)	170.407	137.507	145.171	139.829	169.275	221.126	112.277	96.2201
acc_dst(67)	174.879	138.921	146.585	141.243	170.689	221.126	113.277	97.2201
acc_dst(68)	177.879	144.02	148.821	143.243	172.925	222.126	115.277	97.2201
acc_dst(69)	181.041	145.434	148.821	145.243	174.925	224.362	116.277	98.2201
acc_dst(70)	186.14	149.677	151.057	148.071	177.925	228.605	117.691	99.2201
acc_dst(71)	190.263	150.677	153.293	155.351	180.925	230.019	118.691	101.456
acc_dst(72)	193.425	154.919	154.707	156.351	182.925	233.182	120.106	102.456
acc_dst(73)	196.588	157.155	158.313	158.587	185.162	234.596	121.106	103.456
acc_dst(74)	200.711	159.155	160.549	166.203	188.324	238.719	122.52	107.456
acc_dst(75)	203.873	161.391	162.785	167.203	191.324	240.133	123.934	109.692
acc_dst(76)	205.873	164.997	166.391	170.809	193.324	242.369	125.934	110.692
acc_dst(77)	208.873	166.997	169.219	174.414	196.486	244.605	126.934	111.692
acc_dst(78)	211.109	169.825	171.455	177.243	198.486	244.605	129.17	111.692
acc_dst(79)	215.352	172.988	175.061	179.479	200.486	244.605	130.17	114.521
acc_dst(80)	217.588	174.988	177.297	180.893	203.486	248.211	131.17	116.521
acc_dst(81)	220.416	177.988	180.459	184.055	206.648	250.447	133.406	116.521
acc_dst(82)	224.022	181.593	183.287	185.055	208.648	251.861	136.406	117.521
acc_dst(83)	226.258	184.593	185.523	186.47	212.771	254.689	140.878	118.521
acc_dst(84)	229.863	186.829	189.129	186.47	215.771	254.689	142.293	119.935
acc_dst(85)	230.863	190.829	192.291	187.47	218.771	257.518	143.707	120.935
acc_dst(86)	232.278	193.065	195.291	188.47	220.771	262.518	145.121	123.171
acc_dst(87)	235.44	196.228	198.454	189.884	224.771	265.518	146.535	126.333
acc_dst(88)	239.045	197.228	201.616	192.12	227.771	266.518	146.535	127.747
acc_dst(89)	241.874	199.228	203.616	193.12	230.771	270.99	147.949	129.984
acc_dst(90)	246.346	203.351	205.852	196.282	234.771	275.233	149.949	129.984
acc_dst(91)	247.346	205.351	208.852	198.518	236.771	276.233	150.949	132.22
acc_dst(92)	249.346	209.474	211.852	199.932	239.771	277.233	151.949	134.22
acc_dst(93)	252.952	212.474	215.975	202.168	242.934	278.647	153.949	137.825
acc_dst(94)	255.952	215.474	217.975	204.405	244.934	280.061	155.364	139.239
acc_dst(95)	259.114	219.079	221.137	206.641	248.096	281.475	156.364	140.239
acc_dst(96)	261.35	222.079	222.137	207.641	250.096	282.475	158.364	141.239
acc_dst(97)	265.473	224.315	224.137	210.803	253.258	283.89	159.364	142.654
acc_dst(98)	266.473	226.551	229.236	213.039	255.258	285.304	161.364	144.89
acc_dst(99)	269.635	229.551	231.472	215.275	258.258	286.718	162.364	145.89
acc_dst(100)	271.871	230.551	233.708	218.103	261.258	288.132	162.364	148.718
acc_dst(101)	275.477	230.551	234.708	220.103	263.258	291.132	163.364	149.718
acc_dst(102)	279.949	234.157	238.314	222.103	266.087	292.546	165.364	151.954
acc_dst(103)	282.185	234.157	242.557	224.103	266.087	294.782	166.364	153.954
acc_dst(104)	284.421	235.157	245.719	227.266	266.087	297.782	167.364	156.19
acc_dst(105)	285.835	238.157	248.719	229.266	266.087	302.255	170.969	158.426
acc_dst(106)	288.664	240.157	250.955	232.428	268.323	305.417	172.383	159.426
acc_dst(107)	290.9	242.393	252.369	234.664	271.485	314.361	173.383	160.426
acc_dst(108)	293.728	243.807	254.605	237.664	272.899	323.795	173.383	162.426

acc_dst(10)	297.971	245.222	256.019	239.9	275.135	325.795	175.619	163.841
acc_dst(11)	300.799	246.636	256.019	241.9	277.371	328.031	176.619	163.841
acc_dst(11)	304.405	248.872	258.256	244.136	280.977	330.86	178.855	167.446
acc_dst(11)	306.641	250.286	259.256	246.372	283.213	330.86	179.855	171.689
acc_dst(11)	311.113	252.522	260.67	247.786	284.213	331.86	181.855	173.103
acc_dst(11)	313.349	253.936	262.084	249.786	285.213	343.564	181.855	174.103
acc_dst(11)	316.511	256.172	264.912	252.949	288.375	351.627	184.092	177.265
acc_dst(11)	319.674	257.587	265.912	257.421	288.375	361.475	184.092	180.094
acc_dst(11)	322.674	259.823	266.912	260.249	290.611	365.948	185.506	182.922
acc_dst(11)	326.674	262.985	268.327	261.249	292.611	368.184	186.92	187.045
acc_dst(11)	329.836	265.221	272.45	262.249	294.026	378.184	192.305	188.045
acc_dst(12)	332.836	267.221	273.45	265.078	295.026	388.954	194.305	188.045
acc_dst(12)	335.998	270.049	274.45	267.314	297.262	395.662	195.305	189.045
acc_dst(12)	339.998	272.286	276.45	270.476	299.498	399.268	197.541	190.045
acc_dst(12)	345.097	273.7	281.835	271.476	302.66	404.653	198.955	193.207
acc_dst(12)	347.097	275.936	284.997	274.305	304.896	407.815	200.37	193.207
acc_dst(12)	351.22	278.172	286.411	276.305	307.132	416.815	202.37	194.622
acc_dst(12)	352.22	280.172	287.411	279.133	310.738	419.051	204.37	196.858
acc_dst(12)	356.693	283.334	288.411	281.133	312.738	419.051	205.37	197.858
acc_dst(12)	356.693	285.334	289.411	283.369	314.738	421.287	207.37	200.094
acc_dst(12)	358.929	287.57	290.826	285.605	318.343	422.287	207.37	202.922
acc_dst(13)	361.757	287.57	290.826	287.841	319.343	422.287	209.606	205.158
acc_dst(13)	364.757	290.732	293.654	290.077	320.757	423.287	213.211	207.394
acc_dst(13)	368.88	292.969	295.654	292.077	322.757	425.287	216.04	209.63
acc_dst(13)	373.352	294.383	297.89	293.077	324.172	428.45	217.454	211.045
acc_dst(13)	377.824	297.545	299.89	294.077	327	429.45	218.868	212.045
acc_dst(13)	380.824	302.644	302.126	297.24	332	430.864	221.104	212.045
acc_dst(13)	385.297	304.058	305.288	298.24	335.162	433.1	222.104	212.045
acc_dst(13)	389.42	306.294	307.288	301.24	338.768	436.262	223.518	214.281
acc_dst(13)	393.543	308.53	309.288	302.24	338.768	437.262	224.518	215.281
acc_dst(13)	396.543	309.945	311.525	304.476	339.768	439.498	226.754	215.281
acc_dst(14)	399.543	314.187	313.525	305.89	343.373	442.66	228.169	217.281
acc_dst(14)	404.015	315.187	316.687	309.052	348.473	444.897	230.405	217.281
acc_dst(14)	407.62	317.423	319.687	311.052	350.709	445.897	233.567	218.281
acc_dst(14)	412.62	319.423	320.687	313.052	353.709	449.059	234.981	219.281
acc_dst(14)	414.62	323.029	324.292	315.288	359.094	452.059	237.217	223.404
acc_dst(14)	418.744	324.443	325.707	317.288	369.094	453.473	237.217	224.404
acc_dst(14)	422.867	328.049	327.943	320.45	382.247	454.473	240.046	225.404
acc_dst(14)	425.867	329.463	330.179	322.686	396.807	455.473	242.282	226.818
acc_dst(14)	429.472	333.068	332.415	324.686	407.852	457.473	242.282	228.818
acc_dst(14)	433.078	334.483	336.657	325.686	409.852	460.473	244.518	229.818
acc_dst(15)	436.24	337.645	341.13	328.849	412.681	462.709	246.754	230.818
acc_dst(15)	439.846	339.059	344.292	332.972	419.084	464.709	248.168	230.818
acc_dst(15)	444.088	343.182	347.454	334.972	421.32	466.945	250.404	233.054
acc_dst(15)	446.324	343.182	349.454	337.208	422.32	469.945	251.818	235.054
acc_dst(15)	449.93	344.182	350.454	340.37	423.32	472.181	254.055	236.054
acc_dst(15)	453.535	345.182	353.616	345.755	439.963	476.304	254.055	238.29
acc_dst(15)	456.364	346.596	355.852	347.991		478.54	258.527	239.29
acc_dst(15)	459.969	349.759	357.852	349.991		481.703	260.527	240.29
acc_dst(15)	463.575	351.995	361.852	354.115		485.826	261.527	240.29

acc_dst(15)	466.737	355.995	363.852	355.115		487.24	262.941	241.704
acc_dst(16)	470.86	357.995	365.852	356.115		488.24	263.941	243.119
acc_dst(16)	474.983	359.995	368.852	357.115		490.476	265.355	243.119
acc_dst(16)	477.22	363.157	371.088	359.351		493.305	267.355	245.355
acc_dst(16)	481.343	367.629	374.251	361.351		497.305	270.517	246.355
acc_dst(16)	485.466	369.865	376.251	362.765		498.719	271.517	247.769
acc_dst(16)	488.466	372.865	377.665	363.765		504.719	272.932	249.769
acc_dst(16)	491.628	375.865	381.788	365.765		507.881	274.346	251.183
acc_dst(16)	496.727	379.028	384.95	368.001	446.046	509.881	275.76	253.183
acc_dst(16)	499.727	381.028	385.95	370.237		513.881	276.76	254.597
acc_dst(16)	502.727	383.028	387.365	371.237		517.043	278.996	255.597
acc_dst(17)	506.85	386.19	389.601	372.651		521.166	282.158	256.597
acc_dst(17)	507.85	389.19	391.015	374.887		524.166	283.158	258.011
acc_dst(17)	511.012	392.352	393.251	377.123	452.129	526.166	285.394	261.174
acc_dst(17)	516.398	394.588	395.487	377.123	453.129	530.166	286.394	262.588
acc_dst(17)	520.003	397.75	398.649	380.729	462.129	534.639	288.63	264.588
acc_dst(17)	522.239	401.993	401.812	380.729	472.569	537.801	289.63	266.002
acc_dst(17)	526.482	404.229	404.64	382.143	485.607	542.273	291.045	266.002
acc_dst(17)	530.954	405.643	407.468	384.379	499.209	545.435	293.045	268.238
acc_dst(17)	533.782	410.115	411.074	385.793	511.251	549.558	294.459	270.474
acc_dst(17)	538.025	412.115	415.317	388.956	522.955	552.721	296.695	271.474
dst_to_orig	0	0	0	1693.91	1586.19	1179.9	0	0
dst_to_orig	3.60555	1.41421	2.23607	1693.05	1587.5	1177.77	2	0
dst_to_orig	6.40312	3.60555	3.16228	1692.19	1587.5	1173.74	4.12311	0
dst_to_orig	9.21954	4.24264	4.47214	1691.85	1589.27	1171.62	5.09902	0
dst_to_orig	12.0416	5.83095	5.83095	1690.64	1591.46	1169.52	7.07107	1
dst_to_orig	13.4536	7.2111	7.81025	1688.58	1593.23	1169.66	8.06226	1
dst_to_orig	17.0294	9.21954	9.21954	1687.72	1594.54	1168.95	10.198	1.41421
dst_to_orig	19.2094	9.89949	11.1803	1686.52	1596.32	1165.69	11.1803	0
dst_to_orig	22.8035	11.3137	12.53	1684.8	1598.98	1164.13	12.1655	0
dst_to_orig	25	12.7279	14.7648	1683.6	1601.18	1161.22	13.3417	1
dst_to_orig	26.4008	14.8661	16.5529	1682.75	1604.73	1161.4	14.5602	1
dst_to_orig	27.8029	16.9706	18.3848	1681.04	1606.51	1158.49	15.5242	1.41421
dst_to_orig	29.4109	16.2788	18.7883	1679.32	1608.72	1155.6	17.72	1
dst_to_orig	33.2866	19.105	20.1246	1678.47	1609.61	1153.58	19.9249	2
dst_to_orig	34.9857	20	21.4709	1678.13	1612.72	1150.7	21.1896	2
dst_to_orig	38.0789	21.2603	23.7697	1676.42	1614.5	1147.83	22.1359	2
dst_to_orig	39.8246	23.3452	24.6982	1674.71	1616.28	1144.97	24.0416	2
dst_to_orig	42.9535	24.0416	26.9258	1672.48	1617.17	1141.74	26.2488	2
dst_to_orig	45.1885	26.1725	29.7321	1672.15	1619.39	1138.52	28.4605	3.16228
dst_to_orig	48.4665	26.8701	31.0161	1668.55	1621.17	1137.03	29.7321	1.41421
dst_to_orig	51.6236	29	33.2415	1669.07	1623.4	1134.19	32.311	2
dst_to_orig	51.6236	29.7321	34.7851	1666.84	1625.18	1134.47	34.176	4.47214
dst_to_orig	53.1413	31.8904	36.4005	1665.65	1626.97	1131.75	36.4005	2.23607
dst_to_orig	55.3624	33.4215	38.3275	1663.43	1629.65	1128.93	37.3363	3
dst_to_orig	57.28	35.4683	41.4849	1663.1	1629.2	1127.47	39.5601	3
dst_to_orig	58.9406	37.8021	42.2019	1660.34	1631.44	1124.27	40.8534	5
dst_to_orig	62.3699	38.6005	42.7551	1659.16	1634.12	1123.23	42.72	4.24264
dst_to_orig	64.1327	40.8044	44.3847	1656.41	1635.91	1121.39	44.9444	3.60555
dst_to_orig	65.7647	42.2019	46.8402	1654.71	1636.8	1119.49	47.1699	4.24264

dst_to_ori	67.4759	43.8292	45.8912	1652.48	1640.38	1116.78	48.4665	5.38516
dst_to_ori	68.3593	44.6542	46.6905	1650.25	1642.18	1114.47	49.3964	5.09902
dst_to_ori	70.1783	46.8722	47.676	1648.02	1645.76	1113.06	51.6236	5
dst_to_ori	70.1783	46.8722	47.676	1648.02	1645.76	1113.06	51.6236	5
dst_to_ori	72.0625	47.5079	50.01	1646.32	1647.11	1110.35	52.5547	5.09902
dst_to_ori	74.0068	48.3735	51.4198	1644.09	1650.7	1108.95	54.7814	4.12311
dst_to_ori	74.0068	49.2443	52.1728	1641.87	1655.18	1106.66	55.7136	3.16228
dst_to_ori	72	51	54.9181	1640.16	1656.08	1104.8	57.9396	3.60555
dst_to_ori	71.007	53.2353	55.9017	1637.41	1657.88	1102.99	60.1664	2.82843
dst_to_ori	72.0069	54.5619	57.7062	1635.71	1659.68	1100.72	61.4654	5.09902
dst_to_ori	72.111	57.2713	59.6825	1634.79	1660.57	1099.37	63.6946	5
dst_to_ori	73.2462	59.0931	62.514	1632.9	1663.27	1097.1	65.9242	6
dst_to_ori	73.437	60.0083	63.6396	1631	1664.17	1095.73	66.8506	5
dst_to_ori	73.8241	60.0083	65.6201	1629.44	1666.43	1092.58	69.0797	5.09902
dst_to_ori	74.3303	61.8466	68.469	1626.85	1669.13	1091.22	71.3092	6.08276
dst_to_ori	73.9797	64.2573	69.5845	1625.81	1670.49	1088.99	71.8679	4.47214
dst_to_ori	73.7631	67.6757	71.5681	1624.44	1672.76	1088.53	72.2357	3.60555
dst_to_ori	73.0821	68.6222	74.5453	1623.07	1674.56	1085.39	75.3923	2.82843
dst_to_ori	72.8011	71.8401	75.326	1620.32	1677.73	1083.16	76.6942	2.23607
dst_to_ori	71.5681	72.8011	77.4145	1619.12	1678.64	1087.18	76.6942	6.40312
dst_to_ori	70.6045	75.4321	80.2247	1617.75	1681.34	1089.42	75.2396	6.7082
dst_to_ori	68.0074	77.3692	81.3019	1616.38	1682.72	1088.97	75.6439	6.08276
dst_to_ori	66.4078	81.0247	85.2877	1615.86	1684.09	1088.07	76.0592	7.07107
dst_to_ori	64.5136	82.7647	86.1452	1613.97	1688.18	1088.08	76.0592	11.1803
dst_to_ori	60.7454	85.5102	88.0909	1612.6	1691.37	1088.54	77.8203	14.1421
dst_to_ori	57.9396	87.1321	90.05	1611.23	1694.99	1087.66	78.7147	14.1421
dst_to_ori	54.7814	89.1067	91.0494	1609.52	1697.28	1089.05	79.177	14.1421
dst_to_ori	51.6236	91.9239	93.0054	1607.97	1698.19	1089.54	80.1311	14.1421
dst_to_ori	48.1041	93.6483	95.0211	1605.74	1701.39	1090.96	81.4923	16
dst_to_ori	44.2719	94.4299	97.0206	1604.71	1702.3	1094.14	83.3547	18.0278
dst_to_ori	41.7612	94.3398	99.0454	1603.69	1705.5	1094.67	83.863	19.105
dst_to_ori	39.5601	98.1835	100	1601.8	1707.8	1097.45	81.6333	22
dst_to_ori	37.108	100.18	100.02	1599.06	1710.04	1101.98	82.8553	26.0192
dst_to_ori	34.3657	102.078	101.045	1597.18	1713.25	1103.87	83.6481	26.0768
dst_to_ori	32.1403	103.044	103.078	1596.16	1715.56	1107.01	83.6301	27.1662
dst_to_ori	30	105	104.12	1592.56	1718.28	1103.95	84.0952	28.2843
dst_to_ori	28.2843	106.005	103.044	1592.4	1720.1	1100.88	83.2586	28.4429
dst_to_ori	27.6586	109.073	104.019	1589.66	1722.83	1100.97	83.3847	29.6142
dst_to_ori	26.9258	110.114	103.044	1590.02	1723.32	1100.97	83.006	29.8329
dst_to_ori	28.178	111.45	104.12	1589	1724.73	1100.55	82.28	29.8329
dst_to_ori	28.8444	112.361	104.12	1587.99	1726.55	1101.97	81.9329	30.0832
dst_to_ori	31.1448	115.624	105.233	1585.25	1729.28	1103.48	82.5409	29.1204
dst_to_ori	33.3017	115.732	107.299	1578.2	1732.02	1103.99	82.2192	31.3209
dst_to_ori	35	119.08	108.374	1577.34	1733.84	1106.32	82.8613	31.0483
dst_to_ori	38.0132	118.377	110.653	1577.19	1736.07	1105.01	82.5651	30.8058
dst_to_ori	41.8808	118.697	112.752	1581.73	1738.4	1101.75	83.2406	26.9258
dst_to_ori	44.9444	120.033	113.991	1581.23	1741.13	1100.43	83.9345	25.2982
dst_to_ori	46.6476	122.577	117.239	1582.82	1742.96	1098.71	83.4326	26.2488
dst_to_ori	49.2443	123	119.52	1584.42	1746.1	1096.48	83.1986	26.5707
dst_to_ori	51.4782	125.399	121.655	1585.16	1747.93	1096.48	83.7437	26.5707

dst_to_ori	55.5698	127.094	124.149	1583.3	1749.75	1096.48	83.5464	29.1548
dst_to_ori	57.8014	127.613	126.301	1581.94	1752.49	1093.44	83.7437	29.9666
dst_to_ori	60.5392	128.445	129.437	1579.83	1755.64	1091.2	85.9069	29.9666
dst_to_ori	64.1405	131.244	131.795	1580.7	1757.46	1091.72	82.9759	29.0689
dst_to_ori	66.0379	132.189	133.959	1581.07	1761.52	1089.08	82.0061	28.178
dst_to_ori	69.3397	133.795	137.317	1581.07	1764.27	1089.08	81.3204	29.5296
dst_to_ori	69.8928	135.192	140.464	1580.58	1767.01	1090.12	80.6536	30.4138
dst_to_ori	71.2811	136.858	143.391	1580.08	1768.84	1092.6	80.0062	30.5287
dst_to_ori	73.8173	137.084	146.537	1580.45	1772.49	1093.79	79.3788	33.0151
dst_to_ori	77.201	137.481	149.683	1581.7	1775.24	1094.19	79.3788	34.4093
dst_to_ori	80	138.293	151.634	1581.21	1777.98	1094.44	78.7718	33.4215
dst_to_ori	84.0238	140.89	153.805	1583.33	1781.64	1096.02	79.4796	33.4215
dst_to_ori	83.2406	141.767	156.732	1583.22	1783.47	1096.94	79.8499	31.241
dst_to_ori	81.6884	142.706	159.662	1583.6	1786.22	1097.33	80.2309	32.5576
dst_to_ori	85.1469	144.139	163.783	1584.85	1788.57	1096.8	81.0247	33.6006
dst_to_ori	87.1149	145.619	163.368	1586.11	1790.4	1096.28	82.3468	33.8378
dst_to_ori	88.4138	145.437	166.111	1587.37	1792.75	1095.75	82.7647	34.6699
dst_to_ori	90.5207	147.027	165.922	1588.25	1794.59	1096.15	83.6301	35.2278
dst_to_ori	92.6553	147.275	167.887	1590.38	1796.94	1094.83	84.0773	35
dst_to_ori	91.9348	147.557	167.905	1590.29	1798.78	1094.31	85	35.4683
dst_to_ori	93.3488	149.265	169.319	1592.53	1801.53	1093.79	85.4751	36.1248
dst_to_ori	94.0479	149.843	171.05	1593.31	1804.29	1092.47	85.4751	36.4005
dst_to_ori	93.3809	149.843	172.026	1595.06	1806.12	1093.67	85.9593	37.2022
dst_to_ori	89.1067	146.24	169.446	1596.82	1807.17	1092.35	86.954	39.2046
dst_to_ori	86.977	146.24	165.922	1598.57	1807.17	1094.06	87.4643	40.8044
dst_to_ori	84.8646	145.661	162.788	1600.72	1807.17	1091.32	86.954	42.8019
dst_to_ori	83.4506	148.122	159.841	1602.48	1807.17	1094.75	83.3547	41.8688
dst_to_ori	80.6226	149.773	158.07	1605.59	1807.04	1091.6	81.9878	41.1096
dst_to_ori	78.492	150.881	157.29	1606.87	1809.15	1082.67	81.4923	41.7732
dst_to_ori	75.6637	151.172	155.541	1609.51	1810.46	1073.34	81.4923	43.2782
dst_to_ori	71.4213	151.476	154.78	1611.74	1812.17	1071.5	79.2591	44.6878
dst_to_ori	68.593	151.793	154.78	1613.5	1814.41	1073.23	78.7718	44.6878
dst_to_ori	65.0692	151.605	154.26	1615.74	1811.38	1075.86	76.5376	43.8406
dst_to_ori	62.9682	151.954	153.287	1617.97	1811.51	1075.86	75.6637	44.0454
dst_to_ori	58.7963	151.819	152.555	1619.33	1812.42	1076.27	73.9256	44.2041
dst_to_ori	56.7274	152.201	151.832	1621.09	1813.34	1084.41	73.9256	44.8219
dst_to_ori	54.037	153.473	150.416	1623.39	1810.19	1088.64	71.6938	46.0109
dst_to_ori	51.4004	153.883	150.685	1625.96	1810.19	1096.06	71.6938	43.1856
dst_to_ori	49.6488	153.847	149.723	1626.77	1808.75	1099.57	72.0694	40.3609
dst_to_ori	47.5079	156.08	149.04	1627.65	1809.54	1101.32	73.4302	37.0135
dst_to_ori	45.1774	156.109	153.16	1628.13	1810.86	1110.17	77.6981	37.8021
dst_to_ori	43.8634	157.918	154.12	1630.84	1811.25	1118.11	78.7718	37.8021
dst_to_ori	43.6578	158.902	153.16	1633.07	1812.97	1123.44	79.3221	38.6005
dst_to_ori	42.45	160.328	152.611	1636.19	1814.68	1126.56	81.2712	39.4081
dst_to_ori	42.4264	160.851	149.402	1637.07	1816.8	1131.93	82.662	36.4005
dst_to_ori	42.19	162.308	147.733	1639.78	1818.52	1135.06	82.4197	36.4005
dst_to_ori	43	163.783	146.537	1641.54	1820.23	1143.15	83.6002	36.6197
dst_to_ori	43.0116	165.641	145.561	1644.25	1823.27	1144.51	84.8116	37.7359
dst_to_ori	45.2769	168.074	144.586	1646.01	1824.08	1144.51	85.4283	37.2156
dst_to_ori	45.2769	169.944	143.611	1647.84	1824.88	1142.27	86.6833	39.4462

dst_to_ori	43.1856	171.47	142.415	1650.07	1827.93	1141.37	86.6833	40.2492
dst_to_ori	41.4367	171.47	142.415	1652.31	1828.33	1141.37	84.6463	41.6293
dst_to_ori	41.9762	174.631	140.036	1653.59	1829.65	1140.47	85.8021	43.0813
dst_to_ori	42.0595	176.853	138.08	1652.65	1830.47	1138.67	86.267	43.3244
dst_to_ori	41.6293	177.451	135.915	1652.18	1829.96	1135.54	86.5332	44.5982
dst_to_ori	41.6773	180.613	133.959	1653.06	1832.6	1134.64	86.8217	44.2719
dst_to_ori	43.2666	185.658	131.795	1656.18	1834.65	1133.3	87.983	44.2719
dst_to_ori	44.0454	186.936	128.655	1657.06	1836.79	1131.53	87.4643	44.2719
dst_to_ori	45.9674	189.156	126.696	1659.71	1839.85	1128.39	87.818	44.643
dst_to_ori	48.1664	191.377	124.74	1660.59	1839.85	1127.5	88.6848	45.607
dst_to_ori	50.448	192.658	122.577	1661.89	1840.27	1129.27	89.9444	45.607
dst_to_ori	52.8015	196.512	120.619	1663.24	1843.33	1131.49	90.3549	45.1221
dst_to_ori	54.9181	196.865	117.478	1665.42	1846.31	1131.47	91.6788	45.1221
dst_to_ori	58.5235	199.09	114.543	1667.19	1846.24	1131.91	93.9415	44.911
dst_to_ori	62.7694	199.812	113.565	1668.96	1848.96	1131.49	94.4299	45.1221
dst_to_ori	64.4981	203.337	110.218	1670.26	1852.68	1134.18	94.541	48.8365
dst_to_ori	68.4763	204.636	109.444	1672.03	1854.85	1135.52	94.541	49.8197
dst_to_ori	72.4707	207.617	107.28	1674.22	1851.39	1136.42	95.6347	48.8365
dst_to_ori	75.1332	208.923	105.537	1675.53	1849.46	1137.31	97.1442	49.6488
dst_to_ori	78.7147	211.929	106.963	1677.3	1846.05	1139.11	97.1442	51.6236
dst_to_ori	82.2982	213.242	109.238	1678.19	1844.21	1141.81	94.921	51.788
dst_to_ori	85.4225	216.393	112.787	1680.39	1841.58	1144.05	92.6984	51.6236
dst_to_ori	89.0056	217.706	115.572	1683.48	1835.95	1145.85	91.4166	51.6236
dst_to_ori	93.0591	218.406	118.377	1685.26	1834.25	1147.21	89.1964	49.4975
dst_to_ori	95.2943	218.406	120.354	1686.57	1833.86	1149.91	87.9204	51.4782
dst_to_ori	98.4886	218.82	121.342	1688.78	1833.47	1152.15	85.703	51.3517
dst_to_ori	101.71	217.911	124.459	1692.85	1842.94	1155.32	85.703	50.636
dst_to_ori	104.446	219.237	126.289	1694.66		1157.56	90.1388	50.4876
dst_to_ori	107.703	219.611	128.269	1696.43		1159.83	92.0272	51.4782
dst_to_ori	110.982	221.382	132.231	1693.34		1163.02	92.9731	51.4782
dst_to_ori	113.442	223.164	134.213	1692.88		1164.35	93.6056	52.345
dst_to_ori	116.499	224.076	136.195	1692.42		1165.25	94.5569	53.2353
dst_to_ori	119.62	225.002	139.169	1691.96		1167.49	95.2103	53.2353
dst_to_ori	121.606	225.539	141.283	1690.65		1168.44	94.6414	55.1453
dst_to_ori	124.808	229.225	144.392	1691.57		1172.06	97.2677	56.1427
dst_to_ori	128.062	229.34	146.373	1691.14		1172.54	97.0155	57.0789
dst_to_ori	129.958	230.846	145.523	1690.26		1177.98	97.7446	59.0762
dst_to_ori	131.137	232.381	141.718	1691.18		1180.28	98.4886	60.0333
dst_to_ori	133.735	233.094	138.917	1689.87	1841.59	1182.09	99.2472	62.0322
dst_to_ori	135.794	234.156	137.931	1689.91		1185.73	100.225	63.0079
dst_to_ori	137.888	235.23	136.781	1689.03		1188.03	100.807	64.0078
dst_to_ori	140.036	236.028	134.648	1688.61		1192.09	103.576	65.0077
dst_to_ori	140.759	237.693	133.507	1687.31		1194.82	103.407	66
dst_to_ori	142.271	238.562	131.381	1686.01	1844.79	1196.64	105.224	69.0072
dst_to_ori	144.693	237.497	129.259	1686.01	1845.17	1200.28	105.076	70.0286
dst_to_ori	145.715	238.43	126.151	1684.3	1848.62	1203.1	106.921	72.0278
dst_to_ori	146.649	237.8	123.045	1684.3	1849.73	1205.42	107.912	73.0616
dst_to_ori	147.201	239.804	120.814	1683.88	1847.62	1208.26	108.78	73.0616
dst_to_ori	149.265	241.205	118.609	1682.59	1844.69	1210.6	110.766	75.0267
dst_to_ori	149.773	237.2	115.434	1682.18	1839.71	1213.85	111.647	76.1052

dst_to_oriğ	150.632	236.008	112.219	1680.01	1831.33	1216.2	112.446	77.1038
area(0)	161.5	184	236	161.5	169	221.5	180	134.5
area(1)	165	192	192.5	165	173	218.5	180	138.5
area(2)	168.5	183.5	187	160.5	162.5	205	192	149
area(3)	180	198.5	196	160.5	171	217.5	170.5	145
area(4)	165	168.5	184	173.5	175	201	176.5	157
area(5)	160.5	183	198	188	170.5	210.5	176	170
area(6)	157.5	181	194	183.5	181.5	205	176.5	158
area(7)	161	191.5	191.5	173.5	184	236	179	154
area(8)	165	184.5	188.5	184.5	184.5	217.5	187.5	154.5
area(9)	162	202.5	202	192.5	180.5	193	180	166.5
area(10)	167.5	187.5	181	160.5	173.5	223	177	159
area(11)	166	178.5	197	185	172.5	230.5	179	169.5
area(12)	168.5	188	181	173.5	175	190.5	175.5	149
area(13)	170.5	206.5	182.5	186.5	162.5	227.5	186	151.5
area(14)	177	183	182	195	191.5	208	180	144.5
area(15)	171.5	201	191	197.5	190.5	217.5	176.5	170.5
area(16)	170	187.5	191.5	183.5	190	208.5	183	162
area(17)	170.5	200	195	177	192.5	205	180.5	145.5
area(18)	158.5	188	192	189	181.5	197.5	179	164
area(19)	167.5	195.5	181.5	180.5	169	209	179.5	162
area(20)	168	188	206.5	166	177.5	194.5	171	175
area(21)	169.5	191.5	208	185	182.5	210	187.5	153.5
area(22)	179.5	182	194.5	192.5	184.5	211	181.5	162.5
area(23)	177	186	211	180.5	178	198	187	170.5
area(24)	177.5	183.5	193	189	164.5	210.5	169	170.5
area(25)	172.5	180.5	209.5	181.5	162	212.5	175.5	152
area(26)	169.5	176.5	199	187	162.5	224	186	155.5
area(27)	178	185.5	274	184.5	173.5	219.5	179	165
area(28)	184	177.5	196	199.5	166	194	181	152
area(29)	167	179	251.5	173.5	174.5	209.5	194	147
area(30)	174	185	215.5	180.5	181.5	209	177	140.5
area(31)	156	181	211.5	183.5	181	222	181	142
area(32)	156	181	211.5	183.5	181	222	181	142
area(33)	163.5	185.5	194	199.5	177	208.5	184	146
area(34)	164	171	175.5	184	176	218	177	151.5
area(35)	174.5	172.5	199.5	212.5	177.5	212.5	175	167.5
area(36)	173	141.5	194.5	197	178	210	183.5	153.5
area(37)	170.5	179	196.5	199	177.5	216	172	161.5
area(38)	180	176.5	186	200	167	220	179	152.5
area(39)	170	168.5	185	243	162.5	217	184	143.5
area(40)	170.5	175	213	205.5	174.5	203.5	195	143.5
area(41)	161	182	194	215	165.5	228.5	175.5	140.5
area(42)	165.5	182	205	209	174.5	200	180	156
area(43)	167.5	176	180.5	215.5	179	217.5	186	162.5
area(44)	161.5	186.5	187	200	188	217.5	176	168
area(45)	154	166	197.5	204.5	166.5	212	175	171
area(46)	162.5	171	182.5	194.5	162	226	172	166
area(47)	173	171.5	214	192	173	213.5	173	157.5
area(48)	163.5	172.5	196.5	192.5	172.5	203.5	183.5	159

area(49)	165.5	172.5	199	195.5	180.5	213.5	178.5	168.5
area(50)	166.5	175.5	194	184	170.5	210	166	166
area(51)	161.5	172	202.5	202.5	188.5	212	169.5	150.5
area(52)	146.5	169	193	200.5	165	217	176	191
area(53)	155.5	182.5	200	199.5	176	213	166.5	151
area(54)	162	180	193	204.5	185	218	172	154
area(55)	151	164	197	190.5	162.5	210	174.5	171.5
area(56)	162.5	176	220.5	204	161.5	232.5	166.5	179
area(57)	175	179	204.5	192	174	228	182.5	172
area(58)	176	175	194.5	204.5	165.5	214	174	185
area(59)	165.5	166	183	200	158.5	215	185.5	178.5
area(60)	175	169	230.5	180.5	163	240.5	173.5	189
area(61)	171	172	193.5	200.5	172.5	219.5	181.5	146.5
area(62)	176	164.5	202	199.5	175	225.5	157.5	155.5
area(63)	174.5	174.5	196	200.5	166.5	224.5	164	162
area(64)	169	164	200.5	199.5	165.5	244.5	163	173
area(65)	180.5	172.5	223.5	185	160	204	167.5	156.5
area(66)	160.5	176.5	184.5	193	180.5	214.5	163	172.5
area(67)	172	182	183.5	180.5	171	217	173.5	168
area(68)	168.5	170.5	184	185.5	168	219	181	169
area(69)	166	190.5	199	177.5	155	240.5	171.5	170
area(70)	164	181	186	213.5	170	268.5	164	153
area(71)	177	179	201.5	200.5	155	247	169.5	164.5
area(72)	166.5	199.5	193	182.5	157.5	246.5	165	168.5
area(73)	168	177	192.5	217	177.5	238	168.5	170.5
area(74)	166	181	209.5	189	162	194	168	150
area(75)	173	178.5	198	181	167.5	200.5	169.5	162
area(76)	163.5	184	205.5	226.5	166.5	213	166	152.5
area(77)	170	186	208.5	195	177.5	204.5	162.5	156
area(78)	175.5	167.5	193	180.5	178	208	172.5	162
area(79)	169	170	200	219.5	159.5	204	180	159
area(80)	176.5	172	190.5	211	162	207.5	181	151.5
area(81)	167	189	204.5	175	174	234.5	176.5	181
area(82)	162.5	181	214.5	160.5	179.5	254.5	169.5	157.5
area(83)	165	203	191	172	181	211.5	157	160.5
area(84)	154	180.5	200.5	171.5	169.5	231.5	159.5	149
area(85)	168	181	212.5	172	163	309.5	149.5	157
area(86)	168	211.5	190.5	165	163.5	212.5	162	151.5
area(87)	180.5	186	215	180.5	170.5	198.5	157.5	158.5
area(88)	176	202	198.5	172	158	227.5	155	151.5
area(89)	171.5	195	203.5	184	183.5	237	167.5	162
area(90)	168	174.5	213.5	165	172	212	167.5	172
area(91)	184	176.5	195	185	166	196	168	155.5
area(92)	179.5	208	215	179.5	165	195.5	176.5	163
area(93)	168.5	184.5	203	174.5	163	210.5	157	150.5
area(94)	195.5	193.5	195.5	178.5	169.5	194	175	145
area(95)	174	197	231.5	192	173.5	202	166.5	145.5
area(96)	179.5	197	206	175	145	187.5	170	163
area(97)	179.5	193.5	216	173.5	169	206	178.5	170
area(98)	194	199	227.5	177	166.5	218.5	181.5	180.5

area(99)	154	193.5	183.5	191.5	162.5	216.5	193	179.5
area(100)	172.5	190	200	177	170.5	230.5	186	174.5
area(101)	174.5	221	202.5	176.5	162.5	217	191	179.5
area(102)	172	197.5	239	176.5	170.5	238	186	177.5
area(103)	173	196	198	193.5	173	211	204	173.5
area(104)	163.5	185	185.5	177	180	249.5	201	175
area(105)	174.5	189.5	191.5	180.5	175.5	242	164	172.5
area(106)	161	163	167.5	196.5	166	246	154	153.5
area(107)	160	162	186.5	185.5	177.5	314	164.5	168.5
area(108)	176.5	168.5	177.5	177	172.5	242	158.5	158.5
area(109)	174.5	172	186	213	168.5	237.5	157	156.5
area(110)	163.5	167	184.5	192	174	235.5	160.5	176
area(111)	162.5	171	185	204.5	168.5	220.5	167.5	186
area(112)	159.5	170.5	197.5	189	160	243.5	162	165
area(113)	162	178.5	202	187.5	169.5	318	155	170
area(114)	170.5	181	201.5	203.5	165	307.5	168.5	179.5
area(115)	182.5	177	208.5	184.5	163	324.5	176	207
area(116)	187.5	177	198.5	240.5	159	244.5	177.5	172
area(117)	177.5	184	190	191.5	157	212.5	167.5	159
area(118)	168	174	216.5	196	166	258	163.5	158
area(119)	171	172.5	202	207	170.5	342	164	161
area(120)	169.5	185	188.5	196.5	161	227	165.5	175
area(121)	176.5	198	181	191.5	177	255.5	173	169.5
area(122)	166	182	205	191.5	162	244	181.5	172
area(123)	160	191	189	195.5	173	228.5	180.5	160.5
area(124)	172.5	187.5	195	192.5	174.5	253	189	144.5
area(125)	162.5	180.5	187.5	184.5	173	227	172	154
area(126)	160.5	185	205.5	191	175	171.5	199.5	186.5
area(127)	172.5	175	206.5	192	177	196	186	185.5
area(128)	187	188	210	183.5	183	198.5	184.5	177.5
area(129)	187	168	209	191.5	189	205	194	178.5
area(130)	177	176	209.5	194.5	187.5	212	195.5	170.5
area(131)	176.5	178	211.5	204	200	217.5	156.5	181
area(132)	161.5	164.5	213.5	182	177.5	227	162.5	181.5
area(133)	176	176	209	181	172	226.5	156.5	173
area(134)	157.5	171.5	208	197.5	214	227	161	183.5
area(135)	180.5	172	202	172	176	236	178.5	184.5
area(136)	169.5	169.5	201.5	177	189.5	230.5	158	177.5
area(137)	160	168	208	184	181	229.5	164.5	176.5
area(138)	175	165	190.5	170.5	188	240.5	154	182.5
area(139)	157.5	177.5	193.5	185.5	175	226.5	162	174
area(140)	162.5	167.5	206.5	189	197.5	197.5	158.5	181.5
area(141)	173.5	166	201	181	173.5	207.5	154.5	186
area(142)	162.5	181.5	196.5	173.5	183	215	158	172.5
area(143)	171.5	162	196.5	169	182.5	223.5	163.5	185
area(144)	165.5	169	198	173.5	224.5	175	153.5	177
area(145)	162.5	158.5	217	176.5	214.5	185.5	164.5	183.5
area(146)	166	171	192.5	171	260.5	189.5	172.5	178.5
area(147)	169.5	164.5	233	185.5	245	198	163.5	177
area(148)	175	175.5	196.5	178	183.5	204	168	169.5

area(149)	169.5	171.5	232.5	173.5	161	214	160.5	162
area(150)	185	191.5	190	185	233	223.5	151.5	171
area(151)	181.5	183	198.5	174.5	155.5	230.5	162	185.5
area(152)	166	182	171	174	156.5	212.5	169	190
area(153)	177.5	166.5	184.5	170	176	221	176.5	164
area(154)	189.5	181.5	190	217	177	227	177.5	179.5
area(155)	168.5	181.5	195.5	216.5	211.5	226	184	166
area(156)	173	176	185	178.5		216	161.5	178.5
area(157)	171.5	180	180.5	178.5		230	156	165.5
area(158)	187.5	192.5	202	187.5		234	166.5	172.5
area(159)	173.5	187.5	198	162		243	163	159
area(160)	164	199.5	191.5	171.5		233	177	174
area(161)	176	207.5	187	166		242.5	177.5	169.5
area(162)	165.5	187	219	168		236.5	161.5	173
area(163)	170	218.5	209	182.5		233	160.5	171
area(164)	174	176	194.5	188		240.5	168.5	174
area(165)	184.5	181.5	218	181		225.5	166	163.5
area(166)	177.5	180.5	177.5	173.5		228	175.5	173
area(167)	170	188	184.5	177	128	239.5	170	171
area(168)	166.5	181.5	176.5	170.5		231	152.5	177
area(169)	168.5	188	185.5	183.5		225	160.5	173
area(170)	168	193	179.5	178		226.5	155.5	168
area(171)	169	204	182.5	177		243.5	156.5	189
area(172)	180	229	183	163.5	101.5	245	162	173
area(173)	163.5	192	195.5	173.5	102	220.5	156.5	176
area(174)	165	177.5	198	176.5	216	232.5	162	174
area(175)	163.5	188.5	191.5	165	219	225.5	160	172.5
area(176)	160	232	187.5	161.5	232	223.5	161	172.5
area(177)	167	213.5	198.5	173	233	235.5	156.5	169.5
area(178)	166.5	185.5	198.5	176	220	225.5	172	174.5
area(179)	171	177	197	187	207.5	232	153.5	180
perimeter(	72.3848	75.799	83.799	70.7279	72.9706	78.7279	74.1421	59.8995
perimeter(	72.9706	75.799	83.2132	72.9706	80.9706	75.8995	74.1421	59.8995
perimeter(	75.2132	76.3848	76.9706	73.5563	69.5563	79.3137	74.1421	63.3137
perimeter(	75.799	79.2132	74.1421	73.5563	67.3137	78.7279	77.5563	63.3137
perimeter(	74.6274	75.2132	74.1421	70.7279	76.9706	79.3137	73.5563	63.3137
perimeter(	73.5563	78.6274	78.1421	74.1421	77.5563	77.5563	74.1421	70.1421
perimeter(	72.3848	82.6274	78.1421	74.7279	70.7279	79.3137	73.5563	70.1421
perimeter(	72.9706	76.3848	76.3848	69.0711	74.1421	82.1421	76.9706	70.1421
perimeter(	72.9706	75.2132	73.5563	71.8995	73.5563	78.7279	74.7279	67.8995
perimeter(	70.1421	79.2132	78.1421	71.8995	73.5563	79.3137	74.1421	67.8995
perimeter(	76.3848	78.0416	71.3137	71.8995	70.7279	75.3137	82.6274	67.3137
perimeter(	70.1421	79.2132	80.9706	71.3137	73.5563	75.8995	76.9706	70.7279
perimeter(	73.5563	75.799	80.9706	69.0711	75.3137	75.8995	76.3848	63.3137
perimeter(	67.8995	79.2132	77.5563	77.5563	67.8995	84.3848	79.799	66.7279
perimeter(	80.9706	78.6274	78.1421	75.3137	65.0711	82.1421	75.799	63.8995
perimeter(	74.7279	82.6274	75.3137	69.0711	77.5563	80.3848	73.5563	67.8995
perimeter(	68.4853	80.0416	74.7279	74.7279	68.4853	81.5563	76.9706	70.1421
perimeter(	77.5563	78.6274	75.3137	71.3137	71.8995	80.9706	73.5563	62.7279
perimeter(	67.8995	78.6274	72.4853	71.3137	70.7279	78.7279	76.9706	66.1421

perimeter(	74.7279	84.0416	78.7279	71.8995	71.3137	79.3137	76.3848	70.1421
perimeter(	72.4853	77.799	75.8995	68.4853	70.7279	75.8995	67.3137	67.3137
perimeter(	69.0711	81.2132	82.1421	71.3137	67.8995	76.4853	76.3848	62.7279
perimeter(	74.7279	78.6274	75.8995	71.8995	71.8995	75.3137	72.3848	69.5563
perimeter(	71.3137	79.799	84.9706	71.8995	68.4853	76.4853	76.9706	67.8995
perimeter(	70.7279	76.3848	79.3137	71.3137	73.5563	77.5563	72.9706	69.5563
perimeter(	73.5563	83.2132	78.7279	70.7279	70.1421	81.5563	76.3848	66.1421
perimeter(	80.3848	73.5563	83.3137	75.3137	67.8995	82.1421	70.1421	66.7279
perimeter(	79.799	80.3848	86.1421	73.5563	70.7279	82.7279	76.9706	71.3137
perimeter(	75.799	78.3848	80.4853	74.7279	68.4853	76.4853	72.9706	66.1421
perimeter(	68.9706	74.9706	82.7279	70.7279	67.8995	78.7279	79.799	59.3137
perimeter(	79.799	76.1421	73.0711	73.5563	69.0711	80.9706	72.9706	55.8995
perimeter(	75.799	72.1421	82.7279	76.3848	71.3137	78.1421	72.9706	62.1421
perimeter(	75.799	72.1421	82.7279	76.3848	71.3137	78.1421	72.9706	62.1421
perimeter(	76.3848	74.7279	78.1421	76.3848	71.3137	81.5563	75.799	62.1421
perimeter(	75.799	73.3137	73.0711	74.1421	74.1421	78.1421	72.9706	66.7279
perimeter(	79.2132	81.5563	73.0711	73.5563	69.0711	81.5563	76.9706	66.7279
perimeter(	71.3137	77.8995	75.8995	72.9706	68.4853	76.4853	76.3848	62.7279
perimeter(	79.2132	82.4853	81.5563	76.9706	70.7279	82.1421	75.799	72.3848
perimeter(	74.1421	71.8995	76.4853	75.799	65.6569	82.1421	76.9706	55.8995
perimeter(	68.4853	71.8995	79.3137	78.6274	67.8995	79.3137	75.799	58.7279
perimeter(	66.2426	75.3137	79.3137	72.3848	66.2426	84.3848	76.9706	58.7279
perimeter(	71.3137	76.4853	78.1421	76.9706	69.0711	81.5563	76.3848	55.8995
perimeter(	69.0711	76.4853	79.3137	72.9706	67.8995	82.1421	74.1421	66.1421
perimeter(	74.7279	72.4853	71.8995	76.3848	65.6569	78.7279	70.1421	59.8995
perimeter(	70.7279	75.8995	75.3137	75.799	74.1421	78.7279	75.799	66.1421
perimeter(	70.1421	68.4853	78.7279	73.5563	67.8995	83.799	76.9706	68.9706
perimeter(	77.5563	75.3137	75.8995	79.2132	68.4853	78.1421	75.799	70.1421
perimeter(	72.9706	74.7279	78.1421	75.799	71.3137	90.0416	72.9706	72.3848
perimeter(	66.7279	71.8995	79.8995	75.2132	71.8995	74.7279	76.3848	59.3137
perimeter(	70.7279	71.8995	75.3137	78.0416	73.5563	80.3848	69.5563	65.5563
perimeter(	67.8995	74.7279	78.1421	75.799	79.2132	78.1421	70.1421	70.1421
perimeter(	70.7279	74.1421	77.5563	79.2132	71.8995	83.799	70.7279	67.8995
perimeter(	67.8995	71.3137	80.9706	73.5563	72.9706	80.9706	74.1421	67.3137
perimeter(	65.0711	77.5563	83.799	76.3848	74.1421	82.6274	69.5563	59.3137
perimeter(	68.4853	74.1421	80.9706	73.5563	71.3137	79.799	74.1421	62.1421
perimeter(	67.3137	74.1421	82.6274	79.2132	67.8995	79.799	77.5563	66.7279
perimeter(	69.5563	74.1421	83.2132	75.799	70.7279	83.2132	67.8995	67.3137
perimeter(	78.6274	76.9706	83.2132	74.1421	68.4853	83.799	77.5563	66.1421
perimeter(	77.4558	76.9706	77.5563	73.5563	70.7279	79.799	68.4853	72.9706
perimeter(	72.3848	79.799	75.3137	74.1421	67.8995	76.9706	78.7279	69.5563
perimeter(	78.6274	74.6274	85.5563	73.5563	67.3137	81.5563	70.7279	72.9706
perimeter(	78.6274	75.799	80.3848	73.5563	71.8995	84.3848	62.7279	69.5563
perimeter(	75.799	75.2132	79.799	74.7279	67.3137	78.7279	62.7279	66.7279
perimeter(	79.2132	79.2132	83.799	73.5563	67.8995	79.8995	66.1421	70.1421
perimeter(	72.9706	75.799	83.2132	74.7279	70.7279	71.8995	68.9706	72.9706
perimeter(	73.5563	75.2132	84.3848	71.3137	64.4853	74.1421	66.7279	73.5563
perimeter(	73.5563	75.2132	73.5563	71.3137	71.8995	77.5563	68.9706	75.2132
perimeter(	74.1421	81.4558	76.3848	71.8995	67.3137	80.9706	70.7279	75.799
perimeter(	73.5563	79.2132	74.1421	69.0711	64.4853	76.9706	72.9706	72.9706

perimeter(	68.4853	79.2132	76.9706	69.0711	67.3137	83.2132	76.3848	71.799
perimeter(	72.4853	72.9706	79.799	69.0711	68.4853	92.8701	75.799	72.9706
perimeter(	71.3137	78.6274	80.3848	71.8995	67.3137	86.6274	72.3848	75.2132
perimeter(	67.8995	76.3848	82.6274	67.8995	70.7279	88.8701	72.9706	75.2132
perimeter(	74.1421	82.6274	84.8701	71.3137	70.7279	79.799	73.5563	71.2132
perimeter(	68.4853	72.9706	82.0416	71.3137	68.4853	60.4853	75.799	62.1421
perimeter(	71.3137	77.5563	79.799	71.3137	65.0711	63.8995	70.7279	60.4853
perimeter(	74.7279	75.799	82.0416	77.5563	67.8995	72.9706	70.1421	65.5563
perimeter(	70.1421	79.799	84.8701	65.6569	69.0711	73.5563	77.5563	66.1421
perimeter(	76.3848	76.3848	82.6274	73.5563	68.4853	74.1421	73.5563	70.1421
perimeter(	72.9706	79.799	83.799	74.7279	65.0711	74.1421	74.1421	67.3137
perimeter(	75.2132	74.1421	79.2132	67.3137	68.4853	84.3848	72.9706	65.0711
perimeter(	78.6274	71.3137	83.2132	67.3137	68.4853	87.2132	73.5563	71.3137
perimeter(	71.2132	71.3137	88.8701	73.5563	65.0711	87.2132	72.3848	62.7279
perimeter(	74.6274	75.3137	76.9706	74.1421	71.3137	86.0416	63.3137	65.5563
perimeter(	71.799	71.8995	83.2132	76.3848	70.7279	84.3848	57.0711	63.3137
perimeter(	75.799	69.6569	81.5563	75.799	67.3137	90.0416	62.7279	63.3137
perimeter(	75.799	74.7279	77.5563	72.9706	65.0711	73.5563	62.1421	65.0711
perimeter(	73.5563	78.1421	84.9706	75.2132	67.8995	69.5563	62.7279	67.8995
perimeter(	74.1421	68.4853	75.8995	75.799	70.1421	76.3848	68.9706	66.7279
perimeter(	76.3848	75.3137	82.7279	75.799	74.7279	80.9706	68.3848	68.4853
perimeter(	74.1421	67.8995	86.7279	72.9706	74.1421	64.4853	68.3848	72.4853
perimeter(	74.1421	71.8995	84.9706	72.9706	70.1421	66.1421	66.1421	66.7279
perimeter(	76.3848	72.4853	73.6569	76.3848	71.3137	66.7279	65.5563	67.3137
perimeter(	73.5563	81.5563	73.6569	69.5563	67.3137	77.5563	63.3137	59.8995
perimeter(	74.7279	78.7279	73.0711	77.5563	70.7279	78.1421	67.3137	64.9706
perimeter(	68.4853	80.9706	84.3848	74.1421	70.7279	78.1421	69.5563	62.7279
perimeter(	74.7279	80.9706	78.1421	76.9706	61.6569	74.7279	70.1421	68.9706
perimeter(	74.7279	80.3848	82.1421	70.7279	71.3137	79.799	67.8995	71.799
perimeter(	78.1421	84.9706	84.3848	71.3137	67.8995	77.5563	70.7279	75.2132
perimeter(	68.4853	78.7279	74.7279	74.7279	67.8995	83.2132	71.3137	78.0416
perimeter(	71.8995	78.1421	72.4853	71.3137	67.8995	79.2132	68.4853	69.5563
perimeter(	75.8995	80.9706	75.8995	71.8995	67.8995	80.9706	75.3137	76.3848
perimeter(	66.1421	80.3848	75.3137	71.8995	67.8995	78.1421	68.4853	72.3848
perimeter(	63.3137	83.799	70.1421	69.0711	71.3137	75.3137	72.4853	72.3848
perimeter(	66.7279	72.9706	72.3848	71.3137	74.1421	80.3848	71.3137	76.9706
perimeter(	69.5563	72.3848	66.7279	71.8995	65.0711	79.799	64.4853	75.2132
perimeter(	72.9706	67.3137	66.7279	71.8995	70.1421	78.1421	60.4853	72.3848
perimeter(	75.799	62.1421	69.5563	69.0711	70.7279	87.799	63.8995	73.5563
perimeter(	75.2132	63.8995	72.3848	71.3137	73.5563	78.1421	59.8995	69.5563
perimeter(	79.2132	66.1421	70.1421	71.3137	75.2132	90.0416	63.3137	73.5563
perimeter(	76.3848	68.9706	73.5563	72.4853	70.1421	84.3848	63.8995	75.799
perimeter(	69.5563	68.9706	80.9706	71.8995	65.5563	81.5563	66.7279	70.1421
perimeter(	76.3848	69.5563	80.3848	71.3137	66.1421	84.3848	70.1421	63.3137
perimeter(	70.1421	69.5563	79.799	74.7279	70.7279	97.4558	65.6569	60.4853
perimeter(	67.8995	72.9706	90.0416	76.3848	71.3137	84.3848	71.8995	78.0416
perimeter(	77.5563	72.9706	92.8701	73.5563	59.3137	91.2132	72.4853	78.6274
perimeter(	74.7279	74.6274	88.8701	83.2132	67.3137	81.5563	69.0711	66.1421
perimeter(	69.0711	75.799	89.4558	76.3848	63.3137	81.5563	66.7279	68.9706
perimeter(	72.4853	71.799	94.5269	74.1421	70.1421	86.1421	65.0711	62.1421

perimeter(	65.6569	73.5563	79.799	76.9706	67.8995	86.1421	66.1421	63.3137
perimeter(	69.0711	72.9706	73.5563	73.5563	72.9706	76.9706	70.7279	68.9706
perimeter(	71.8995	79.799	71.3137	76.3848	72.9706	84.3848	71.3137	62.7279
perimeter(	68.4853	70.1421	72.9706	76.3848	70.1421	82.1421	70.7279	64.4853
perimeter(	74.1421	76.9706	63.3137	76.3848	72.9706	73.5563	73.5563	55.8995
perimeter(	71.8995	74.7279	76.9706	73.5563	69.5563	80.9706	71.3137	55.8995
perimeter(	67.8995	71.8995	76.3848	73.5563	72.9706	68.9706	74.1421	62.1421
perimeter(	71.8995	71.3137	80.3848	76.9706	67.3137	57.0711	74.7279	69.5563
perimeter(	73.5563	75.3137	77.5563	75.799	71.3137	66.1421	68.4853	72.3848
perimeter(	76.9706	74.1421	78.1421	76.3848	76.9706	69.5563	71.8995	72.3848
perimeter(	76.9706	72.4853	80.9706	76.3848	71.3137	71.3137	78.1421	69.5563
perimeter(	72.9706	72.4853	80.3848	79.2132	74.7279	74.1421	74.7279	71.2132
perimeter(	73.5563	68.4853	84.3848	75.799	74.1421	80.3848	63.8995	72.9706
perimeter(	70.7279	70.2426	80.3848	70.1421	70.7279	75.3137	59.8995	74.0416
perimeter(	74.1421	72.4853	80.9706	72.9706	74.1421	75.8995	65.5563	72.9706
perimeter(	70.7279	74.7279	82.1421	80.3848	79.799	75.3137	63.3137	76.3848
perimeter(	73.5563	74.1421	78.1421	74.1421	75.799	82.1421	69.5563	75.2132
perimeter(	70.7279	80.3848	78.7279	71.3137	80.3848	77.5563	71.799	72.3848
perimeter(	74.1421	74.1421	82.1421	74.1421	72.9706	78.7279	63.8995	75.2132
perimeter(	67.3137	80.9706	75.8995	77.5563	74.1421	81.5563	70.1421	79.2132
perimeter(	70.7279	80.3848	78.7279	69.0711	76.9706	77.5563	70.1421	71.799
perimeter(	66.2426	76.3848	75.8995	71.3137	82.0416	78.7279	69.5563	72.3848
perimeter(	69.0711	79.799	79.3137	71.3137	70.7279	84.3848	69.5563	81.4558
perimeter(	66.2426	82.0416	79.8995	70.7279	76.9706	86.6274	70.1421	75.2132
perimeter(	74.7279	81.4558	81.5563	71.3137	71.2132	76.3848	76.3848	74.6274
perimeter(	69.0711	74.6274	76.4853	69.0711	73.5563	59.3137	72.3848	74.6274
perimeter(	67.8995	79.2132	79.3137	71.8995	69.5563	62.7279	75.2132	76.3848
perimeter(	68.4853	78.6274	79.8995	76.9706	83.2132	62.7279	75.2132	80.8701
perimeter(	80.3848	75.2132	79.3137	78.7279	71.3137	70.1421	76.3848	74.6274
perimeter(	76.9706	86.0416	81.5563	68.4853	68.3848	74.1421	75.799	72.3848
perimeter(	70.7279	86.0416	73.5563	70.7279	55.3137	70.1421	65.5563	71.799
perimeter(	82.6274	76.3848	62.1421	80.9706	72.9706	74.7279	66.7279	76.9706
perimeter(	80.3848	78.6274	69.5563	67.8995	58.7279	77.5563	70.1421	72.3848
perimeter(	71.799	79.799	67.3137	68.4853	65.5563	71.8995	72.9706	71.799
perimeter(	72.3848	88.8701	73.5563	68.4853	66.1421	79.3137	73.5563	75.799
perimeter(	82.0416	80.3848	70.1421	71.3137	63.3137	75.3137	70.7279	78.0416
perimeter(	73.5563	80.3848	74.7279	71.8995	70.3848	78.1421	74.1421	70.1421
perimeter(	72.9706	83.799	71.3137	67.8995		72.4853	62.7279	69.5563
perimeter(	76.3848	72.4853	73.5563	67.8995		78.1421	66.1421	72.3848
perimeter(	76.3848	81.5563	78.1421	66.7279		78.1421	69.5563	73.5563
perimeter(	70.7279	74.7279	78.1421	70.1421		84.9706	68.9706	67.3137
perimeter(	74.1421	73.0711	74.7279	76.3848		79.3137	72.9706	70.1421
perimeter(	74.1421	73.0711	75.3137	70.1421		85.5563	72.3848	72.3848
perimeter(	70.7279	75.3137	75.3137	74.1421		79.8995	72.3848	72.9706
perimeter(	78.1421	75.8995	71.3137	67.8995		79.3137	75.2132	68.9706
perimeter(	68.4853	72.4853	75.8995	74.1421		79.8995	75.2132	71.799
perimeter(	71.8995	69.0711	78.1421	72.9706		78.7279	71.799	68.3848
perimeter(	69.0711	70.2426	62.7279	70.7279		72.4853	78.0416	72.9706
perimeter(	68.4853	72.4853	65.5563	72.9706	56.1421	82.7279	71.799	68.9706
perimeter(	67.8995	69.0711	63.8995	69.5563		75.3137	75.2132	74.6274

perimeter(	71.8995	72.4853	62.7279	76.3848		79.3137	75.2132	72.9706
perimeter(	74.1421	71.3137	66.7279	70.1421		75.8995	78.0416	66.1421
perimeter(	80.9706	74.1421	69.5563	72.9706		81.0711	75.2132	72.9706
perimeter(	74.1421	80.9706	67.3137	66.7279	49.8995	79.3137	71.799	72.9706
perimeter(	76.3848	74.1421	74.7279	72.3848	58.1421	79.8995	75.2132	75.799
perimeter(	72.9706	80.3848	79.799	73.5563	74.9706	81.5563	71.799	70.1421
perimeter(	76.3848	73.5563	76.3848	72.9706	67.3137	78.7279	75.799	75.2132
perimeter(	75.799	83.799	78.0416	70.7279	74.1421	84.3848	74.6274	75.2132
perimeter(	78.6274	82.0416	80.8701	72.9706	82.6274	84.3848	75.2132	72.3848
perimeter(	79.2132	70.7279	79.2132	75.799	74.1421	78.7279	75.799	69.5563
perimeter(	78.6274	72.9706	84.2843	76.9706	76.3848	82.1421	72.3848	74.1421
spine_lengt	28.0012	29.7115	31.7108	27.2724	28.2909	32.4946	28.9656	25.1297
spine_lengt	27.6682	30.207	31.623	28.2215	31.211	32.2841	30.1576	25.0766
spine_lengt	29.9885	30.5292	30.5513	29.7209	26.8361	31.6598	29.7469	25.5094
spine_lengt	29.599	29.9011	29.7582	28.6184	26.6146	32.1227	31.8038	26.0214
spine_lengt	27.1725	29.6558	29.7458	28.2795	27.5012	32.9967	28.5833	25.5582
spine_lengt	28.7735	29.9737	30.039	29.4649	27.7729	29.9468	29.411	27.0294
spine_lengt	27.3627	31.2199	31.6375	28.349	27.3555	34.2603	29.3955	29.0488
spine_lengt	28.8107	30.5323	29.5758	28.1147	28.5879	32.3798	30.7166	28.6923
spine_lengt	28.9714	29.1713	29.74	30.4457	27.0322	32.0456	30.3071	28.6502
spine_lengt	28.4747	31.4563	31.204	28.4304	29.3448	32.1152	29.0473	27.7137
spine_lengt	30.359	29.8318	29.7905	30.0242	26.6607	30.4544	30.4132	27.9085
spine_lengt	28.6855	30.0213	32.0001	28.7181	28.7123	31.2688	29.7351	28.4639
spine_lengt	28.4705	30.1184	31.4245	28.1631	31.162	31.8795	28.9452	25.2061
spine_lengt	27.317	31.2853	30.7924	29.2047	28.6151	31.2281	30.7289	26.4083
spine_lengt	30.8389	30.9251	32.2304	29.5554	26.4501	33.1234	29.961	26.4679
spine_lengt	28.6997	32.55	31.0751	28.6287	30.4898	31.964	28.9258	27.0148
spine_lengt	28.5242	31.4329	31.2244	31.3221	26.8113	32.1788	29.7858	26.8803
spine_lengt	29.2803	30.5606	30.4378	28.0154	28.8992	32.3966	29.0892	24.3489
spine_lengt	28.5005	30.1961	28.6042	29.3965	27.5844	32.3566	28.8747	26.2883
spine_lengt	31.0747	30.0187	31.343	29.5354	29.8216	30.2469	30.0895	28.6155
spine_lengt	29.5589	28.724	29.9498	28.2759	28.861	32.7404	26.2249	26.6549
spine_lengt	28.8664	31.3351	32.2577	28.7513	26.8392	32.5953	31.001	24.9935
spine_lengt	31.3649	28.1351	28.9349	29.1824	29.2458	30.7474	28.9204	27.2966
spine_lengt	29.6075	30.9786	32.5213	28.7202	27.4307	31.8395	30.9037	27.1095
spine_lengt	27.9623	28.9885	31.1857	28.6121	28.2652	32.1346	29.9019	26.4362
spine_lengt	29.2608	30.6633	32.6633	27.8217	29.3975	33.2374	29.8447	26.0316
spine_lengt	29.4727	29.496	33.6225	30.7302	29.0233	33.5382	27.1354	27.0397
spine_lengt	28.9267	29.7666	31.0504	29.1259	27.5516	35.1995	30.2775	29.248
spine_lengt	29.406	30.7978	34.0202	29.709	29.2827	31.9067	29.7445	26.6502
spine_lengt	27.5691	29.9547	33.5086	28.0778	28.4941	31.4805	31.5409	22.4281
spine_lengt	30.1996	30.5864	30.2103	29.1415	28.6844	33.386	29.7255	20.9131
spine_lengt	28.1744	29.1976	32.286	30.687	28.5922	30.9082	29.4426	24.5581
spine_lengt	28.1744	29.1976	32.286	30.687	28.5922	30.9082	29.4426	24.5581
spine_lengt	29.5209	30.226	30.7328	27.4543	28.3384	32.4713	28.5354	22.1876
spine_lengt	29.9786	31.527	30.3021	28.7715	28.0597	31.7395	29.4436	26.305
spine_lengt	30.138	33.103	29.5311	28.7285	27.9603	32.092	29.7495	26.1902
spine_lengt	27.2839	34.6739	31.0602	28.7205	28.2302	31.0972	31.1104	23.1031
spine_lengt	28.021	34.5377	32.4457	29.5565	28.7406	33.3433	28.257	28.1834
spine_lengt	29.5316	29.553	32.5227	28.5618	28.4288	33.6659	30.0783	21.5112

spine_length	29.2671	29.409	31.393	27.7817	28.1204	32.0906	27.9722	22.4873
spine_length	28.2573	30.7414	31.6022	27.348	28.1215	33.3297	30.6599	22.1672
spine_length	28.4517	32.3653	28.8447	28.455	28.7318	30.9625	29.8651	20.7037
spine_length	29.1814	32.3653	33.0746	28.7222	28.5113	34.4463	29.5066	25.9375
spine_length	31.3292	29.7994	28.1984	28.4643	26.7912	30.7062	27.0997	23.9208
spine_length	29.0616	30.0048	30.0706	27.5658	30.4585	31.8992	29.7328	25.7472
spine_length	28.9565	28.8092	30.7109	28.7817	28.9945	31.7404	31.5567	25.7224
spine_length	30.8927	30.6794	29.1704	30.4306	29.0439	30.8714	29.596	27.1087
spine_length	26.8766	28.6384	30.3067	27.1151	29.1436	34.8116	29.2311	28.2309
spine_length	25.5791	30.7507	33.4448	28.4584	27.5338	26.123	30.9289	22.6572
spine_length	27.0752	29.3964	30.7565	28.6893	27.8295	30.5242	26.8463	23.3219
spine_length	26.7684	32.078	30.93	28.5003	28.6959	31.4655	27.2745	27.0885
spine_length	27.767	30.6254	32.1556	31.2895	29.2119	30.0254	29.0972	28.1683
spine_length	26.0427	29.6691	31.9104	29.0477	27.1689	32.5461	31.1415	23.5454
spine_length	26.8049	31.112	32.6692	31.0301	29.3007	31.5195	26.8596	24.0983
spine_length	27.7836	29.2609	31.3846	29.1956	28.8852	31.8608	30.9286	25.5392
spine_length	26.2798	29.9813	30.9074	30.8247	29.1745	31.0964	30.698	26.5441
spine_length	27.6232	30.0943	31.6155	28.8498	29.4704	30.7844	27.9066	27.451
spine_length	29.3916	30.734	30.9603	29.6546	27.4935	33.0098	29.7757	24.5025
spine_length	29.5813	31.2162	30.1806	28.3962	28.9716	29.9539	27.5128	27.1344
spine_length	28.0811	29.8386	29.5887	29.4468	29.1359	30.1758	30.8036	28.1287
spine_length	30.7358	28.5252	33.1681	28.4654	27.5586	32.2125	26.75	27.6874
spine_length	29.7164	30.712	31.4111	28.2583	28.787	33.212	22.9997	27.7734
spine_length	28.4842	30.0043	31.6042	28.8458	26.9644	31.5687	23.386	26.794
spine_length	29.9455	31.5924	32.2257	28.1817	29.008	32.8514	24.6694	28.6203
spine_length	29.3517	30.3759	32.6751	31.1952	29.0084	27.1718	25.6534	26.3297
spine_length	29.0082	29.4934	30.7867	28.2373	26.914	27.9221	24.4591	30.1292
spine_length	29.0201	29.9893	28.0955	28.4822	28.796	29.8028	26.1768	27.0638
spine_length	29.9351	31.4915	27.7952	29.1918	26.7924	31.066	25.42	30.6435
spine_length	28.2519	30.469	29.0556	28.6417	26.6308	29.7844	27.7368	28.6352
spine_length	29.881	30.5336	30.423	29.0594	26.915	31.7341	28.0533	27.6113
spine_length	29.4793	28.0843	30.8616	28.2406	28.8289	34.0486	27.2572	28.6181
spine_length	27.6981	30.1302	31.421	28.7576	26.6773	34.3816	27.644	28.2441
spine_length	28.0073	30.3904	31.0983	27.0745	27.627	32.9508	28.0552	26.5822
spine_length	29.0935	30.1732	31.8797	28.0523	29.1378	31.6832	30.2493	27.804
spine_length	27.2708	29.1864	30.6826	27.3448	28.8953	22.9764	28.0249	21.9448
spine_length	28.2891	31.7853	31.1566	29.3818	26.4226	25.4439	28.9111	22.8188
spine_length	29.8268	29.3346	31.1368	28.9588	25.6688	28.7939	28.0154	23.6242
spine_length	28.3558	29.9224	29.6985	27.2693	28.9598	29.1836	32.0616	24.1262
spine_length	30.4468	29.0921	31.8177	27.2607	28.5632	29.0218	28.9819	25.8923
spine_length	28.5901	32.1577	31.3605	29.1018	27.7387	28.7873	29.7228	26.234
spine_length	30.3638	30.6052	30.0484	25.5505	28.2365	34.55	29.6624	27.2528
spine_length	31.6007	28.8638	33.65	26.0423	28.6807	33.2187	29.9246	27.1588
spine_length	26.8849	29.2246	31.7592	27.8519	27.1438	34.3966	26.2308	23.169
spine_length	29.2221	29.541	31.2103	28.4505	28.1634	33.0858	22.6207	23.1572
spine_length	28.1323	28.9096	31.5118	28.155	26.8665	33.6448	21.5434	23.4506
spine_length	28.8919	29.0715	31.4935	27.4369	26.4952	32.6694	22.3692	24.9613
spine_length	29.6754	28.0133	29.1316	27.6757	27.7437	28.2441	21.9007	28.1084
spine_length	30.3026	31.7022	32.5273	27.3758	28.6007	24.1756	23.4615	27.9301
spine_length	30.2621	28.1463	31.4713	30.7756	27.3504	26.9474	26.7386	26.5061

spine_length	30.794	31.1765	31.3276	27.2549	28.4779	30.1378	25.109	29.9486
spine_length	30.9103	27.7922	33.1419	29.1983	28.6004	23.0826	26.3168	30.6849
spine_length	28.4234	29.3172	33.0412	27.8392	27.7693	20.2606	26.2443	27.1818
spine_length	29.9196	30.4504	30.1793	30.7022	28.1781	24.8382	26.552	25.8272
spine_length	28.4463	31.9677	29.5866	27.2395	28.028	29.241	26.5536	22.4187
spine_length	31.5192	31.0849	30.3295	30.2103	28.5225	28.4701	27.2546	23.7371
spine_length	28.394	32.7608	31.5794	28.3862	27.3479	30.1776	26.8	24.8706
spine_length	29.3304	31.0083	31.3924	30.3124	26.7907	29.0848	28.8295	27.0058
spine_length	30.0835	29.0253	31.3103	27.3995	29.2172	29.8156	29.0352	29.3214
spine_length	31.3544	33.4719	31.1757	29.0383	26.8133	28.2621	27.3138	29.7636
spine_length	29.1494	30.484	29.6105	30.2783	28.5286	31.8553	29.0885	29.0315
spine_length	28.3471	30.6512	29.2572	29.1951	28.5808	29.8306	26.8892	27.7715
spine_length	31.031	30.3278	28.987	30.1616	29.42	29.8622	31.6857	30.134
spine_length	26.1062	30.203	27.9348	30.5162	28.1728	29.0478	28.6339	28.269
spine_length	23.7803	30.2314	24.4201	29.2194	29.0028	28.4074	29.5353	28.2787
spine_length	25.8004	28.0965	26.4339	27.3736	29.4211	28.3065	28.7194	30.7934
spine_length	25.8188	23.4312	24.8971	28.5599	26.6927	29.6588	25.7816	27.1628
spine_length	28.2439	24.9874	24.8813	30.3324	28.1724	29.2986	22.696	28.1824
spine_length	28.9401	21.0273	25.3471	29.2215	28.2438	22.1746	23.6463	28.8047
spine_length	27.0858	24.0148	26.5749	28.2507	28.9002	30.4014	22.824	26.7193
spine_length	28.8469	23.5921	26.9807	27.0737	26.6795	33.3802	24.3342	28.3923
spine_length	29.0707	25.4636	28.2243	29.0968	28.177	33.0692	24.0808	28.4492
spine_length	28.1083	25.4463	27.7385	29.4102	24.1428	31.3391	25.9556	27.1728
spine_length	29.3189	26.0819	30.6748	28.3984	26.738	32.0719	28.3776	25.102
spine_length	28.3081	27.2813	29.7605	28.1627	27.0429	35.7704	29.2324	25.0154
spine_length	27.2648	28.4007	31.1169	28.1723	30.4076	29.8965	30.5121	29.8791
spine_length	30.8299	27.9272	32.7717	27.9136	22.8389	27.7388	29.6779	29.1012
spine_length	30.2704	27.9697	30.3948	29.4818	27.8714	30.684	29.0493	26.796
spine_length	28.8245	30.4081	33.6108	28.9245	22.7698	29.595	25.4218	27.5909
spine_length	30.0439	28.5523	32.4293	28.9343	28.3514	30.9218	25.0515	24.1717
spine_length	27.92	29.5122	27.8934	31.403	26.592	30.6887	25.6487	24.6935
spine_length	30.3886	28.5248	26.5529	29.0697	27.5556	27.8072	27.8354	24.8663
spine_length	31.3338	31.5927	27.9517	29.9667	29.1242	32.2866	28.4496	24.2297
spine_length	28.81	27.5893	25.563	28.4977	28.5622	31.2564	29.3259	26.5087
spine_length	27.9609	31.4761	24.4999	29.5578	27.7847	28.3649	30.0742	20.0275
spine_length	28.6952	30.5158	19.8057	28.9514	27.598	30.8375	29.4319	21.1144
spine_length	26.7644	29.1805	28.9076	28.6349	27.8421	24.7732	29.4483	23.1035
spine_length	29.9655	28.8425	29.6241	29.2086	26.8152	20.7245	30.531	27.4009
spine_length	28.7558	29.8799	30.6318	28.1283	28.0877	23.9172	29.1101	27.0061
spine_length	30.2432	28.9522	31.6693	29.9392	29.579	27.1043	29.1548	28.7855
spine_length	29.6449	30.125	30.131	27.9852	28.8556	27.4005	31.1151	27.2167
spine_length	30.3666	29.1503	30.7654	30.535	30.8479	28.8304	26.649	25.8086
spine_length	28.9452	29.2437	33.1315	30.6202	29.2474	30.6015	20.7913	29.0485
spine_length	28.9428	30.3537	31.9939	26.9506	28.789	30.6434	19.8835	26.7801
spine_length	27.8321	30.4867	32.3425	28.51	30.2059	31.6191	25.7051	27.1818
spine_length	29.6182	31.3395	34.5179	31.6003	28.3334	30.6637	24.5027	29.7193
spine_length	28.4429	29.8949	30.4484	28.7593	28.2523	29.759	25.8689	28.9072
spine_length	28.3524	30.6023	31.2496	29.6285	31.2216	29.9801	25.4383	28.9409
spine_length	30.7555	28.9613	33.7042	28.9564	28.3709	29.9361	24.5418	28.6756
spine_length	26.6087	32.7392	31.1708	28.4286	29.5311	32.9493	28.0438	29.0949

spine_length	27.9009	31.6072	32.0215	28.1851	31.0478	28.6868	29.1003	27.9665
spine_length	29.3611	29.4181	31.159	28.9916	31.2886	28.1566	27.4672	26.5042
spine_length	28.1624	31.5904	33.1773	28.4441	30.025	32.9667	28.8603	28.6874
spine_length	28.3305	32.3024	33.9624	28.6787	29.3589	32.3981	27.5438	28.7291
spine_length	30.4744	33.2714	32.463	29.9497	26.1708	28.5373	30.8209	28.1959
spine_length	29.1809	27.8327	30.9699	28.6491	26.065	18.407	27.4579	28.8845
spine_length	26.8305	31.9123	31.0808	30.5234	20.686	17.8975	29.8355	29.566
spine_length	27.3592	31.3479	31.4053	28.0291	27.9474	20.67	28.897	29.9934
spine_length	29.1626	30.6962	32.5536	33.0999	25.7559	21.2031	30.0592	28.3971
spine_length	29.7937	29.7223	33.2378	28.8128	24.7655	27.8147	27.4409	28.2564
spine_length	27.5044	32.126	25.5395	28.5347	20.1426	26.1504	22.5212	27.4898
spine_length	27.1796	30.2726	19.4047	31.2913	22.7689	28.335	26.2931	29.2798
spine_length	30.4478	30.9007	24.0911	28.8526	21.4801	29.9373	26.0377	27.2987
spine_length	27.7358	30.3089	23.9144	28.9539	24.8891	29.4983	27.7535	27.2049
spine_length	28.5145	31.1011	26.4502	28.9275	25.0999	32.1361	28.8661	29.1131
spine_length	30.9138	28.7692	26.9446	27.183	22.0391	29.1723	28.4354	29.8322
spine_length	28.1004	30.6074	28.1839	27.0768	25.6251	30.2037	30.6594	27.4768
spine_length	28.7939	30.4506	28.3545	25.9567		28.5515	24.0674	25.9021
spine_length	29.6253	30.1966	26.9164	27.5684		31.0869	26.3253	29.5704
spine_length	28.785	29.5413	30.2746	24.5475		31.7063	26.4798	30.0323
spine_length	28.6493	29.4798	31.7444	27.4241		32.1823	27.5551	27.1543
spine_length	29.1191	30.8604	31.0995	28.4571		32.0727	29.6886	26.8367
spine_length	28.9183	31.2401	30.9011	26.0468		32.8402	29.6639	27.4942
spine_length	28.244	31.8448	29.7953	26.6459		32.8071	29.7327	26.7094
spine_length	31.234	30.1438	28.6691	25.3144		32.8597	28.093	26.9761
spine_length	28.959	29.2229	31.4226	29.7513		33.5253	30.9661	27.7644
spine_length	30.7095	28.065	28.9816	26.9972		31.6115	28.9517	26.3648
spine_length	29.1161	30.5117	23.9857	28.3251		29.3999	31.0649	28.8911
spine_length	28.8491	30.8759	23.8383	28.1317	21.6255	32.8826	28.9594	27.6539
spine_length	28.871	28.6843	22.9301	28.3125		29.1813	29.6853	27.1266
spine_length	30.7786	29.6913	21.171	28.0995		32.5072	30.3412	29.5514
spine_length	30.0819	28.917	25.7463	29.3192		30.5795	30.3849	25.2278
spine_length	30.3626	29.7941	25.7374	27.6656		32.145	29.9865	29.0631
spine_length	30.3193	29.9611	26.8312	26.5976	15.4049	30.6207	28.5679	27.3148
spine_length	31.864	30.5645	30.6481	28.3055	18.8856	32.6292	30.0668	30.3258
spine_length	29.0007	30.9853	27.8924	29.9127	25.7677	30.6577	28.9865	27.5145
spine_length	29.6823	28.0245	29.4971	29.7086	24.0855	32.5243	29.8371	29.6917
spine_length	29.8891	31.4523	29.2369	29.7605	26.7842	31.9465	27.1745	29.6917
spine_length	31.5184	31.0094	29.1315	28.1531	27.6953	32.6779	29.5772	26.7678
spine_length	31.2131	26.4685	31.0106	29.3047	25.8573	32.9565	31.2359	27.5249
spine_length	31.51	26.9903	30.8023	31.7533	30.3743	32.4887	29.0756	28.7368
bending(0)	189.244	180	169.858	212.935	180	172.567	180	180
bending(1)	190.475	180	180	180	180	174.746	180	180
bending(2)	180	180	180	180	211.003	185.416	180	168.243
bending(3)	198.195	180	180	180	180	180	180	157.38
bending(4)	180	180	180	180	180	180	180	180
bending(5)	180	180	156.628	180	180	180	180	180
bending(6)	180	180	162.161	180	180	180	186.009	171.07
bending(7)	180	180	180	180	173.991	202.51	180	167.472
bending(8)	180	180	180	180	180	208.381	180	133.702

bending(9)	180	180	180	180	156.444	198.839	180	180
bending(10)	180	180	180	180	164.804	195.866	180	153.234
bending(11)	180	180	180	165.165	180	202.62	180	180
bending(12)	180	180	180	171.451	145.952	212.935	180	180
bending(13)	180	191.716	180	174.15	180	220.144	180	180
bending(14)	180	180	180	180	180	180	180	180
bending(15)	180	180	180	180	180	180	180	180
bending(16)	186.042	180	180	180	180	180	180	180
bending(17)	171.498	180	180	180	180	180	180	146.888
bending(18)	180	180	180	180	180	180	180	143.42
bending(19)	180	180	180	180	180	180	180	152.204
bending(20)	190.475	180	180	180	180	180	180	180
bending(21)	194.835	180	187.402	167.899	180	180	180	180
bending(22)	180	180	194.835	180	180	180	180	114.556
bending(23)	180	180	180	180	180	180	180	146.443
bending(24)	167.472	180	180	180	180	192.712	180	141.787
bending(25)	180	180	194.362	180	180	180	180	232.695
bending(26)	159.078	180	180	180	180	180	180	249.473
bending(27)	180	180	156.628	159.636	180	180	180	221.41
bending(28)	180	180	180	180	180	180	180	216.87
bending(29)	180	180	214.772	180	167.899	180	180	102.187
bending(30)	180	180	180	180	180	198.195	180	70.5288
bending(31)	180	180	180	180	180	191.255	180	63.0093
bending(32)	180	180	180	180	180	191.255	180	63.0093
bending(33)	180	170.257	180	180	180	180	180	86.1774
bending(34)	208.625	170.304	154.032	180	180	180	180	98.2132
bending(35)	180	166.896	166.539	180	180	180	180	138.59
bending(36)	165.455	180	172.048	180	180	180	180	155.38
bending(37)	155.38	163.901	172.567	180	180	180	180	180
bending(38)	164.058	180	180	180	180	180	194.25	55.7711
bending(39)	167.899	180	180	180	171.451	180	180	45.2751
bending(40)	171.451	180	180	180	180	180	180	71.752
bending(41)	180	180	180	190.475	180	187.952	180	79.9213
bending(42)	180	180	180	180	180	180	180	84.7841
bending(43)	180	180	180	148.997	180	180	180	75.2533
bending(44)	180	180	180	180	180	219.282	180	98.0398
bending(45)	180	180	180	169.525	180	222.177	180	251.447
bending(46)	174.195	180	180	180	180	236.104	180	236.944
bending(47)	180	180	180	180	180	209.079	188.502	180
bending(48)	110.466	180	180	180	180	101.087	180	207.266
bending(49)	127.9	180	180	180	180	113.819	117.818	270
bending(50)	122.579	174.547	180	180	180	139.43	240	207.66
bending(51)	130.902	180	191.255	170.257	180	134.427	240	180
bending(52)	138.258	180	180	180	180	146.135	227.788	180
bending(53)	144.903	180	180	180	180	153.823	197.341	269.045
bending(54)	142.042	180	180	180	180	153.823	196.469	265.146
bending(55)	180	180	180	180	180	143.13	190.063	224.415
bending(56)	160.132	180	180	180	180	153.41	180	217.136
bending(57)	180	180	180	180	180	172.048	194.362	249.513
bending(58)	180	180	180	180	180	155.795	180	146.322

bending(59)	173.745	180	180	180	180	180	180	143.629
bending(60)	180	180	180	180	180	137.823	180	180
bending(61)	180	180	204.68	180	180	140.162	166.464	180
bending(62)	180	180	180	180	180	166.271	257.16	180
bending(63)	180	180	195.942	180	180	180	276.182	180
bending(64)	180	180	190.142	180	180	180	246.902	198.001
bending(65)	180	180	180	180	180	251.969	243.064	180
bending(66)	180	180	94.8673	180	180	248.938	259.932	180
bending(67)	180	180	115.377	180	180	237.421	245.376	180
bending(68)	180	180	230.479	171.451	194.545	237.013	227.83	180
bending(69)	180	180	134.222	171.451	180	214.101	223.881	180
bending(70)	180	180	162.525	180	180	180	218.315	204.396
bending(71)	180	180	168.745	190.475	180	208.072	216.371	180
bending(72)	167.899	149.835	169.937	188.85	180	180	205.209	161.805
bending(73)	180	180	161.847	188.85	180	180	206.177	208.573
bending(74)	180	180	180	153.522	180	294.624	190.844	94.7802
bending(75)	180	180	180	180	180	283.909	180	97.9836
bending(76)	180	164.058	180	180	180	277.662	180	82.0164
bending(77)	180	180	166.896	166.913	180	246.564	180	82.246
bending(78)	180	180	161.847	180	169.525	238.992	180	118.596
bending(79)	166.539	180	180	180	173.958	232.485	180	173.467
bending(80)	180	180	180	111.51	173.958	213.557	180	155.38
bending(81)	180	180	180	137.601	167.899	208.072	163.531	137.167
bending(82)	180	180	180	128.49	186.491	195.359	193.729	122.482
bending(83)	180	156.444	180	129.521	180	195.359	240	95.8458
bending(84)	180	180	180	143.13	173.689	180	268.408	113.969
bending(85)	154.158	180	180	141.787	170.756	180	289.471	149.13
bending(86)	162.659	164.641	180	153.234	180	180	292.885	144.903
bending(87)	180	180	180	162.247	180	65.025	291.324	165.247
bending(88)	180	180	180	180	180	51.9269	301.821	160.443
bending(89)	180	172.086	180	180	180	164.058	283.846	180
bending(90)	180	188.549	180	169.156	180	210.073	288.749	170.304
bending(91)	162.247	180	180	165.247	180	73.8724	258.299	180
bending(92)	140.747	180	180	165.165	180	72.5424	247.38	113.2
bending(93)	143.664	180	180	180	180	90	251.054	259.019
bending(94)	162.161	174.325	189.743	180	180	107.315	253.01	262.338
bending(95)	180	159.847	200.364	180	180	136.119	218.811	262.769
bending(96)	149.442	180	202.62	155.32	180	150.777	239.468	232.02
bending(97)	180	180	180	180	180	159.078	219.401	152.047
bending(98)	180	180	234.889	180	180	151.757	208.504	180
bending(99)	202.62	180	227.33	168.284	180	141.155	180	180
bending(10)	180	180	180	180	167.899	144.049	198.549	180
bending(10)	180	197.475	194.835	158.961	180	145.654	205.968	180
bending(10)	90	171.498	217.658	161.427	188.85	116.619	180	180
bending(10)	80.0536	180	162.525	180	180	102.958	180	180
bending(10)	79.3613	153.522	61.15	180	180	116.286	188.549	180
bending(10)	116.744	180	68.6763	173.958	168.672	161.805	125.685	189.244
bending(10)	131.81	274.741	56.633	162.854	116.744	237.608	99.3007	202.62
bending(10)	131.25	285.962	52.1	169.583	121.109	251.564	72.2084	219.983
bending(10)	136.658	299.666	77.207	180	118.825	229.892	77.9753	206.478

bending(10	143.713	277.662	111.716	180	132.804	180	72.0798	220.368
bending(11	180	250.217	118.825	180	131.354	180	114.544	197.229
bending(11	180	257.931	126.87	147.697	137.167	138.59	127.67	180
bending(11	180	262.486	145.512	164.687	211.003	148.845	130.962	257.11
bending(11	180	234.238	148.997	155.38	198.549	180	180	220.214
bending(11	180	212.935	168.635	161.805	191.716	274.889	172.048	180
bending(11	180	207.796	180	180	180	228.19	180	180
bending(11	180	211.003	174.15	180	197.229	212.462	173.958	180
bending(11	180	200.364	180	209.282	81.1501	234.379	148.632	180
bending(11	180	193.461	180	207.796	95.2159	266.65	147.796	289.471
bending(11	180	180	154.002	195.942	102.52	194.25	270.434	258.463
bending(12	180	190.475	88.8424	180	103.315	246.042	252.685	256.154
bending(12	180	180	101.892	180	123.896	244.623	225.859	238.719
bending(12	180	180	121.633	180	106.602	237.608	226.017	208.222
bending(12	180	180	273.583	180	153.522	193.261	218.213	255.715
bending(12	180	180	131.231	180	137.754	115.944	190.475	265.531
bending(12	180	180	240.423	180	160.132	100.191	208.109	243.612
bending(12	180	180	156.444	166.539	152.734	58.3148	199.489	143.13
bending(12	180	180	169.525	180	150.777	56.3206	180	180
bending(12	180	180	158.961	169.058	160.989	75.851	180	180
bending(12	225.275	180	180	180	152.204	104.705	180	180
bending(13	240.856	171.787	180	180	166.896	117.818	180	180
bending(13	224.415	150.668	180	180	131.81	131.81	275.216	180
bending(13	217.397	180	180	199.256	155.659	135.36	180	180
bending(13	196.598	180	180	221.41	161.805	157.156	286.536	180
bending(13	190.063	165.541	180	226.996	154.791	170.304	257.487	180
bending(13	180	180	180	198.094	136.238	180	254.665	180
bending(13	180	180	180	206.177	180	212.204	224.592	180
bending(13	180	180	180	197.753	180	213.822	228.19	180
bending(13	180	180	180	180	180	205.397	134.939	180
bending(13	180	180	180	180	180	254.974	180	169.058
bending(14	180	180	180	180	148.845	265.99	180	160.315
bending(14	180	180	180	180	113.578	250.437	180	180
bending(14	188.549	169.18	180	180	150.718	247.46	180	180
bending(14	180	161.847	187.952	180	155.38	180	180	165.165
bending(14	180	180	180	180	231.684	113.578	180	180
bending(14	180	180	180	180	180	274.552	180	180
bending(14	180	180	180	180	292.93	224.561	180	189.838
bending(14	174.195	180	205.782	180	236.369	298.109	180	180
bending(14	180	180	190.918	180	218.012	258.767	180	211.003
bending(14	180	180	165.75	180	180	239.768	244.623	218.213
bending(15	247.46	180	302.368	180	223.762	225.676	259.932	188.502
bending(15	180	180	300.51	180	258.197	211.179	247.38	180
bending(15	180	180	284.25	180	289.471	224.476	239.304	180
bending(15	180	180	255.833	180	236.251	230.251	230.479	180
bending(15	180	154.158	250.529	196.046	68.4898	180	204.396	180
bending(15	180	143.623	266.177	168.672	125.853	198.429	200.205	180
bending(15	180	150.186	237.608	144.903		194.835	102.84	146.322
bending(15	180	151.045	225.573	180		206.177	104.478	180
bending(15	180	155.659	211.609	74.7815		225.419	233.53	171.723

bending(15)	180	162.085	195.866	108.004		189.388	217.357	145.606
bending(16)	180	160.443	187.952	86.7242		180	203.556	162.771
bending(16)	180	170.257	180	87.9161		174.746	180	155.38
bending(16)	180	169.156	174.195	83.1725		172.567	180	168.243
bending(16)	180	165.75	180	80.3382		169.525	194.835	155.188
bending(16)	180	171.787	180	82.4754		163.332	185.85	156.444
bending(16)	180	180	188.549	105.411		167.472	180	180
bending(16)	180	168.745	292.024	90		162.854	180	180
bending(16)	161.571	172.048	295.601	113.132	180	180	180	170.756
bending(16)	180	180	302.797	95.5647		180	180	180
bending(16)	180	180	257.16	97.387		187.433	180	180
bending(17)	180	180	313.813	91.8192		180	180	172.889
bending(17)	180	180	220.953	104.285		180	180	180
bending(17)	180	153.165	251.682	98.0398	71.79	180	171.498	158.213
bending(17)	174.406	180	229.63	114.025	70.2655	180	180	140.285
bending(17)	180	180	223.845	135.325	48.8434	180	180	180
bending(17)	180	180	216.87	137.254	67.4597	165.638	180	180
bending(17)	180	180	194.835	136.238	58.7026	171.97	180	180
bending(17)	161.847	188.85	180	180	68.3431	151.045	194.835	166.913
bending(17)	174.15	110.723	189.743	180	76.6851	162.698	180	170.756
bending(17)	164.058	104.03	180	180	69.1299	180	180	148.438
head_x(0)	1034	1361	1019	1446	1417	998	1288	1106
head_x(1)	1031	1363	1019	1445	1419	998	1286	1106
head_x(2)	1028	1365	1023	1442	1417	996	1288	1106
head_x(3)	1027	1365	1025	1441	1419	997	1287	1106
head_x(4)	1026	1367	1027	1440	1423	1000	1286	1106
head_x(5)	1022	1368	1027	1438	1425	1003	1286	1107
head_x(6)	1019	1369	1029	1435	1427	1002	1286	1106
head_x(7)	1016	1369	1033	1433	1431	995	1287	1107
head_x(8)	1013	1369	1033	1430	1432	995	1286	1107
head_x(9)	1010	1370	1037	1428	1437	994	1282	1106
head_x(10)	1008	1371	1037	1427	1439	995	1282	1106
head_x(11)	1008	1371	1039	1426	1443	995	1281	1108
head_x(12)	1005	1373	1038	1424	1445	990	1280	1106
head_x(13)	1002	1377	1039	1422	1447	988	1279	1107
head_x(14)	998	1377	1043	1421	1449	991	1280	1106
head_x(15)	996	1376	1045	1420	1453	988	1279	1106
head_x(16)	994	1375	1047	1418	1453	989	1278	1106
head_x(17)	990	1375	1049	1416	1455	987	1279	1107
head_x(18)	988	1378	1049	1414	1458	984	1278	1106
head_x(19)	984	1376	1053	1412	1460	985	1276	1106
head_x(20)	980	1378	1053	1412	1463	986	1276	1106
head_x(21)	980	1377	1057	1410	1465	990	1274	1102
head_x(22)	978	1376	1057	1408	1467	988	1274	1104
head_x(23)	977	1377	1061	1406	1469	983	1273	1104
head_x(24)	976	1377	1062	1404	1471	982	1275	1106
head_x(25)	972	1377	1065	1404	1473	980	1273	1100
head_x(26)	971	1378	1068	1400	1475	982	1272	1098
head_x(27)	969	1379	1066	1401	1477	984	1268	1100
head_x(28)	968	1381	1070	1398	1479	981	1268	1099

head_x(29)	966	1381	1067	1397	1483	980	1267	1104
head_x(30)	967	1379	1069	1394	1485	975	1267	1104
head_x(31)	966	1377	1073	1392	1489	975	1266	1104
head_x(32)	966	1377	1073	1392	1489	975	1266	1104
head_x(33)	963	1375	1072	1391	1491	975	1267	1104
head_x(34)	958	1374	1073	1389	1495	976	1266	1107
head_x(35)	960	1375	1073	1386	1499	975	1266	1104
head_x(36)	967	1375	1077	1384	1501	976	1264	1102
head_x(37)	970	1374	1079	1382	1503	977	1263	1101
head_x(38)	969	1372	1081	1382	1505	976	1261	1106
head_x(39)	972	1372	1081	1385	1507	974	1262	1106
head_x(40)	971	1371	1085	1382	1509	969	1262	1106
head_x(41)	971	1372	1085	1382	1509	969	1260	1106
head_x(42)	975	1372	1089	1382	1513	968	1259	1107
head_x(43)	974	1371	1089	1384	1515	968	1260	1107
head_x(44)	977	1370	1091	1382	1519	962	1260	1107
head_x(45)	978	1370	1095	1380	1521	962	1256	1098
head_x(46)	978	1371	1095	1378	1523	958	1258	1098
head_x(47)	976	1368	1097	1379	1527	957	1254	1100
head_x(48)	985	1367	1101	1376	1527	979	1255	1098
head_x(49)	987	1366	1103	1376	1530	981	1267	1099
head_x(50)	989	1364	1103	1377	1532	980	1250	1100
head_x(51)	993	1362	1106	1376	1535	983	1248	1103
head_x(52)	993	1364	1109	1377	1539	985	1246	1098
head_x(53)	997	1361	1111	1374	1543	988	1246	1095
head_x(54)	1000	1359	1111	1372	1549	988	1242	1094
head_x(55)	1002	1358	1112	1371	1551	993	1240	1096
head_x(56)	1005	1357	1114	1374	1553	995	1240	1100
head_x(57)	1007	1355	1117	1370	1555	998	1238	1097
head_x(58)	1009	1350	1118	1372	1557	1003	1238	1082
head_x(59)	1011	1350	1121	1372	1561	1005	1234	1080
head_x(60)	1013	1350	1119	1372	1563	1009	1238	1080
head_x(61)	1015	1348	1121	1370	1567	1015	1263	1080
head_x(62)	1015	1345	1122	1369	1569	1019	1263	1079
head_x(63)	1016	1343	1123	1369	1573	1023	1263	1078
head_x(64)	1018	1340	1123	1364	1575	1017	1261	1076
head_x(65)	1018	1338	1122	1369	1577	1006	1262	1075
head_x(66)	1020	1334	1120	1369	1581	1011	1263	1073
head_x(67)	1022	1332	1120	1369	1581	1012	1261	1072
head_x(68)	1021	1329	1100	1371	1583	1011	1260	1074
head_x(69)	1020	1330	1125	1371	1585	1015	1259	1074
head_x(70)	1021	1329	1125	1369	1589	1016	1260	1076
head_x(71)	1020	1325	1127	1360	1591	1020	1259	1072
head_x(72)	1020	1322	1127	1359	1593	1026	1258	1068
head_x(73)	1019	1319	1129	1359	1597	1025	1258	1085
head_x(74)	1016	1318	1131	1373	1599	1001	1260	1089
head_x(75)	1016	1314	1133	1368	1601	998	1261	1089
head_x(76)	1014	1312	1137	1371	1603	998	1263	1089
head_x(77)	1013	1311	1137	1376	1607	997	1262	1089
head_x(78)	1009	1309	1139	1378	1609	997	1264	1089

head_x(79)	1007	1304	1143	1374	1611	998	1264	1083
head_x(80)	1004	1302	1145	1378	1615	994	1264	1087
head_x(81)	1000	1300	1148	1377	1617	990	1262	1087
head_x(82)	998	1296	1151	1379	1619	992	1263	1089
head_x(83)	996	1294	1152	1381	1623	988	1260	1089
head_x(84)	992	1292	1155	1381	1625	991	1260	1089
head_x(85)	990	1288	1159	1382	1627	996	1260	1086
head_x(86)	990	1287	1161	1383	1631	1012	1258	1087
head_x(87)	986	1282	1166	1384	1635	1009	1258	1083
head_x(88)	985	1282	1169	1387	1637	1009	1258	1083
head_x(89)	981	1278	1170	1387	1641	1021	1258	1082
head_x(90)	978	1276	1175	1391	1645	1021	1258	1083
head_x(91)	978	1273	1179	1391	1647	1019	1263	1084
head_x(92)	976	1268	1179	1395	1651	1021	1263	1089
head_x(93)	974	1265	1182	1397	1653	1021	1264	1085
head_x(94)	970	1262	1183	1399	1655	1019	1264	1085
head_x(95)	968	1261	1185	1400	1658	1018	1266	1085
head_x(96)	967	1258	1185	1402	1659	1017	1264	1085
head_x(97)	962	1256	1187	1404	1663	1017	1264	1070
head_x(98)	962	1252	1158	1405	1665	1015	1265	1072
head_x(99)	965	1250	1160	1409	1667	1017	1265	1071
head_x(100)	962	1250	1162	1410	1671	1015	1263	1071
head_x(101)	966	1249	1162	1413	1673	1015	1263	1066
head_x(102)	980	1254	1162	1415	1673	1013	1261	1066
head_x(103)	985	1254	1160	1417	1675	1013	1261	1064
head_x(104)	986	1259	1160	1419	1674	1011	1261	1062
head_x(105)	991	1256	1160	1421	1673	1013	1261	1068
head_x(106)	995	1262	1163	1425	1669	1003	1261	1070
head_x(107)	999	1268	1163	1427	1671	982	1261	1072
head_x(108)	1000	1271	1166	1428	1669	993	1261	1070
head_x(109)	1004	1273	1166	1430	1671	993	1261	1070
head_x(110)	1008	1274	1167	1433	1672	993	1261	1067
head_x(111)	1011	1279	1167	1433	1670	996	1261	1071
head_x(112)	1012	1283	1169	1435	1675	996	1261	1080
head_x(113)	1017	1284	1169	1435	1678	992	1257	1078
head_x(114)	1019	1284	1169	1439	1681	983	1257	1083
head_x(115)	1023	1287	1167	1438	1673	990	1255	1083
head_x(116)	1026	1288	1165	1445	1674	990	1257	1084
head_x(117)	1029	1291	1163	1447	1663	992	1258	1087
head_x(118)	1033	1290	1165	1447	1667	999	1258	1088
head_x(119)	1035	1291	1165	1449	1667	1001	1253	1087
head_x(120)	1039	1292	1165	1449	1669	1004	1253	1086
head_x(121)	1043	1294	1165	1451	1668	1008	1256	1085
head_x(122)	1045	1295	1165	1453	1668	1015	1256	1087
head_x(123)	1050	1294	1163	1457	1671	1017	1256	1089
head_x(124)	1051	1295	1163	1457	1671	1008	1257	1087
head_x(125)	1055	1294	1163	1459	1672	1018	1255	1087
head_x(126)	1058	1294	1138	1459	1671	1024	1254	1066
head_x(127)	1059	1294	1137	1462	1673	1022	1253	1065
head_x(128)	1061	1293	1136	1462	1673	1020	1251	1064

head_x(129	1057	1292	1136	1465	1673	1016	1251	1062
head_x(130	1060	1290	1134	1467	1673	1014	1251	1062
head_x(131	1064	1287	1132	1469	1674	1012	1251	1058
head_x(132	1067	1289	1130	1469	1675	1010	1238	1057
head_x(133	1071	1288	1128	1471	1675	1006	1253	1055
head_x(134	1077	1285	1124	1473	1675	1006	1253	1054
head_x(135	1079	1283	1125	1475	1677	1005	1253	1056
head_x(136	1083	1283	1120	1476	1679	1004	1248	1056
head_x(137	1089	1280	1116	1479	1681	1001	1251	1056
head_x(138	1091	1278	1117	1481	1681	998	1254	1053
head_x(139	1095	1278	1113	1483	1683	1009	1256	1056
head_x(140	1099	1274	1112	1484	1682	1010	1258	1058
head_x(141	1103	1271	1108	1487	1681	1006	1258	1056
head_x(142	1105	1266	1104	1489	1681	1006	1261	1057
head_x(143	1111	1266	1106	1491	1680	1004	1263	1055
head_x(144	1113	1266	1103	1493	1695	1015	1263	1050
head_x(145	1115	1262	1102	1495	1699	1027	1264	1048
head_x(146	1119	1260	1099	1497	1705	1029	1264	1049
head_x(147	1123	1258	1100	1501	1701	1033	1267	1049
head_x(148	1126	1257	1099	1501	1708	1037	1266	1046
head_x(149	1127	1255	1128	1503	1705	1039	1251	1046
head_x(150	1130	1256	1129	1507	1704	1041	1253	1045
head_x(151	1133	1254	1129	1509	1691	1045	1253	1047
head_x(152	1133	1248	1129	1511	1686	1047	1252	1050
head_x(153	1137	1247	1125	1513	1689	1051	1252	1047
head_x(154	1138	1248	1126	1515	1695	1053	1252	1047
head_x(155	1138	1246	1126	1517	1706	1057	1252	1050
head_x(156	1141	1244	1125	1517		1059	1252	1055
head_x(157	1139	1241	1127	1519		1061	1252	1050
head_x(158	1141	1240	1127	1508		1065	1270	1050
head_x(159	1142	1237	1128	1509		1068	1273	1053
head_x(160	1143	1232	1130	1509		1069	1275	1050
head_x(161	1141	1230	1132	1506		1071	1276	1048
head_x(162	1144	1226	1135	1505		1073	1277	1047
head_x(163	1142	1226	1138	1502		1077	1277	1046
head_x(164	1143	1222	1140	1499		1079	1278	1045
head_x(165	1143	1220	1140	1498		1083	1279	1040
head_x(166	1140	1216	1138	1495		1085	1280	1038
head_x(167	1137	1212	1138	1493	1711	1090	1281	1039
head_x(168	1138	1212	1138	1490		1092	1280	1035
head_x(169	1137	1209	1147	1488		1097	1283	1034
head_x(170	1136	1206	1141	1484		1099	1285	1036
head_x(171	1135	1205	1151	1483		1103	1285	1032
head_x(172	1133	1203	1146	1480	1712	1104	1286	1031
head_x(173	1128	1200	1147	1479	1713	1109	1287	1028
head_x(174	1129	1196	1145	1476	1709	1113	1286	1027
head_x(175	1124	1198	1143	1474	1703	1115	1287	1026
head_x(176	1121	1192	1141	1474	1695	1119	1288	1026
head_x(177	1118	1192	1137	1473	1686	1122	1286	1025
head_x(178	1115	1209	1134	1471	1675	1127	1288	1025

head_x(17)	1110	1213	1133	1468	1658	1129	1287	1024
head_y(0)	1090	1035	893	873	737	616	565	548
head_y(1)	1093	1036	894	871	743	612	563	548
head_y(2)	1095	1039	892	871	733	606	560	548
head_y(3)	1097	1038	890	871	734	602	558	548
head_y(4)	1098	1038	890	871	735	598	559	548
head_y(5)	1099	1039	895	873	734	597	557	548
head_y(6)	1099	1042	896	871	738	592	555	548
head_y(7)	1100	1043	893	872	739	590	553	548
head_y(8)	1101	1043	894	872	736	588	552	548
head_y(9)	1100	1047	895	870	736	583	553	548
head_y(10)	1102	1048	893	870	737	580	551	548
head_y(11)	1102	1050	896	869	736	576	550	548
head_y(12)	1101	1049	897	869	736	573	549	548
head_y(13)	1100	1048	898	869	734	571	546	546
head_y(14)	1100	1050	899	872	735	564	545	546
head_y(15)	1099	1053	894	871	735	560	544	546
head_y(16)	1099	1055	894	870	735	556	543	546
head_y(17)	1096	1055	895	869	734	554	540	546
head_y(18)	1097	1057	894	869	732	550	538	546
head_y(19)	1096	1058	895	867	732	547	537	546
head_y(20)	1101	1059	896	867	732	543	536	546
head_y(21)	1100	1062	892	866	732	538	533	546
head_y(22)	1096	1063	891	866	733	538	533	546
head_y(23)	1090	1066	891	866	732	534	530	546
head_y(24)	1091	1067	890	867	728	533	528	546
head_y(25)	1087	1070	886	865	728	529	526	546
head_y(26)	1082	1071	889	866	729	522	526	551
head_y(27)	1082	1073	897	862	729	520	524	549
head_y(28)	1080	1074	895	862	730	518	522	550
head_y(29)	1078	1077	884	858	731	516	520	546
head_y(30)	1074	1078	890	859	728	514	520	546
head_y(31)	1074	1079	891	859	730	512	518	546
head_y(32)	1074	1079	891	859	730	512	518	546
head_y(33)	1070	1083	891	858	728	508	516	548
head_y(34)	1072	1083	895	856	728	504	515	546
head_y(35)	1070	1083	894	855	727	502	513	548
head_y(36)	1068	1086	894	855	730	498	510	548
head_y(37)	1066	1089	893	853	730	496	510	547
head_y(38)	1065	1090	889	850	730	492	508	546
head_y(39)	1062	1092	889	846	731	492	507	546
head_y(40)	1060	1095	886	845	730	489	504	546
head_y(41)	1058	1097	890	843	728	488	504	548
head_y(42)	1057	1097	888	838	725	483	502	546
head_y(43)	1052	1098	890	833	726	482	500	546
head_y(44)	1051	1101	889	833	725	485	499	546
head_y(45)	1048	1105	893	831	724	483	498	551
head_y(46)	1044	1106	892	831	725	482	497	551
head_y(47)	1048	1109	887	828	724	478	497	549
head_y(48)	1059	1111	887	829	726	486	494	549

head_y(49)	1058	1113	886	827	723	481	519	550
head_y(50)	1058	1117	885	824	720	476	508	549
head_y(51)	1060	1118	884	823	720	476	505	548
head_y(52)	1059	1121	884	820	720	472	505	546
head_y(53)	1061	1123	881	820	720	472	505	548
head_y(54)	1065	1125	879	820	720	470	506	548
head_y(55)	1067	1129	878	818	718	469	504	548
head_y(56)	1069	1131	876	817	716	465	505	548
head_y(57)	1072	1132	879	814	716	462	505	550
head_y(58)	1076	1133	882	812	716	464	504	570
head_y(59)	1078	1132	884	810	716	461	504	570
head_y(60)	1081	1136	873	808	718	462	507	572
head_y(61)	1084	1138	871	806	716	464	508	575
head_y(62)	1086	1139	872	804	716	464	507	575
head_y(63)	1090	1141	869	802	714	464	507	577
head_y(64)	1093	1142	869	800	716	463	510	577
head_y(65)	1097	1143	870	797	716	444	511	579
head_y(66)	1099	1144	891	796	714	443	511	577
head_y(67)	1103	1144	895	794	713	442	511	580
head_y(68)	1106	1147	888	792	711	442	512	580
head_y(69)	1109	1147	896	790	713	440	511	581
head_y(70)	1115	1151	898	788	714	436	510	583
head_y(71)	1118	1151	900	786	714	436	509	580
head_y(72)	1121	1147	902	787	714	438	509	574
head_y(73)	1125	1149	906	784	714	438	509	556
head_y(74)	1127	1150	907	783	714	442	506	560
head_y(75)	1131	1151	909	778	715	439	505	561
head_y(76)	1134	1150	908	778	715	435	505	563
head_y(77)	1135	1153	911	776	717	432	503	563
head_y(78)	1137	1155	914	776	716	432	502	563
head_y(79)	1139	1155	915	772	717	432	502	560
head_y(80)	1141	1154	913	774	717	426	502	562
head_y(81)	1143	1153	917	775	718	428	501	563
head_y(82)	1143	1154	918	774	716	425	501	567
head_y(83)	1144	1153	919	773	717	425	501	567
head_y(84)	1143	1155	920	773	718	422	501	568
head_y(85)	1141	1155	921	774	720	420	501	566
head_y(86)	1144	1152	918	772	717	443	501	566
head_y(87)	1147	1154	917	772	716	444	500	566
head_y(88)	1149	1153	918	770	716	445	500	568
head_y(89)	1148	1152	916	771	717	431	498	568
head_y(90)	1152	1155	919	772	715	430	498	568
head_y(91)	1146	1155	918	769	717	428	494	568
head_y(92)	1143	1153	918	769	716	431	494	572
head_y(93)	1142	1154	917	770	717	431	494	570
head_y(94)	1143	1151	913	767	718	429	494	570
head_y(95)	1142	1149	909	770	715	428	496	570
head_y(96)	1140	1148	907	769	715	427	494	570
head_y(97)	1141	1146	909	769	711	425	496	590
head_y(98)	1140	1142	921	766	713	426	499	594

head_y(99)	1151	1144	924	768	713	428	499	593
head_y(100)	1145	1143	919	766	715	429	500	593
head_y(101)	1150	1146	921	768	712	431	498	592
head_y(102)	1134	1139	920	767	708	434	500	592
head_y(103)	1132	1137	917	768	709	435	500	592
head_y(104)	1130	1136	918	768	708	434	501	594
head_y(105)	1128	1144	921	769	714	435	502	596
head_y(106)	1126	1159	923	770	723	430	505	598
head_y(107)	1126	1161	923	770	725	431	506	601
head_y(108)	1126	1163	923	771	729	422	506	601
head_y(109)	1124	1165	923	769	730	423	506	603
head_y(110)	1123	1167	922	769	733	423	502	601
head_y(111)	1122	1167	922	776	727	430	502	603
head_y(112)	1120	1166	921	777	712	430	500	580
head_y(113)	1120	1169	916	780	714	426	500	578
head_y(114)	1121	1171	916	779	716	461	500	578
head_y(115)	1120	1171	914	783	713	467	502	581
head_y(116)	1118	1171	915	774	710	479	502	580
head_y(117)	1120	1175	912	772	723	482	502	579
head_y(118)	1120	1177	916	772	729	483	502	578
head_y(119)	1120	1181	917	776	731	493	500	578
head_y(120)	1123	1181	921	779	732	503	501	578
head_y(121)	1122	1185	921	782	735	509	502	579
head_y(122)	1124	1185	917	782	737	509	502	578
head_y(123)	1126	1189	912	781	740	513	502	581
head_y(124)	1123	1191	913	784	743	509	504	581
head_y(125)	1124	1193	913	783	745	501	505	582
head_y(126)	1126	1195	909	788	747	495	506	573
head_y(127)	1130	1198	908	787	750	494	507	574
head_y(128)	1130	1199	906	791	752	493	507	573
head_y(129)	1119	1203	907	790	755	496	507	571
head_y(130)	1116	1202	907	792	757	497	509	569
head_y(131)	1114	1203	905	791	757	498	508	566
head_y(132)	1113	1207	907	782	759	497	513	568
head_y(133)	1111	1209	905	779	761	495	508	570
head_y(134)	1111	1211	906	778	761	495	511	569
head_y(135)	1111	1215	904	779	767	497	510	567
head_y(136)	1110	1216	905	778	770	496	513	564
head_y(137)	1109	1219	906	780	773	496	511	563
head_y(138)	1110	1220	904	779	773	494	488	564
head_y(139)	1110	1220	907	779	775	503	486	562
head_y(140)	1110	1221	905	778	777	509	486	560
head_y(141)	1110	1223	905	778	781	513	484	559
head_y(142)	1111	1223	905	778	785	513	482	558
head_y(143)	1112	1224	907	779	783	504	480	560
head_y(144)	1116	1225	903	778	765	492	479	560
head_y(145)	1116	1226	903	777	752	507	478	561
head_y(146)	1117	1228	903	776	738	506	476	560
head_y(147)	1119	1228	910	775	722	507	475	560
head_y(148)	1122	1231	911	775	716	505	476	566

head_y(149	1125	1233	907	775	718	504	497	566
head_y(150	1127	1236	906	772	716	505	499	562
head_y(151	1131	1237	908	772	706	504	499	564
head_y(152	1133	1232	909	773	704	502	497	558
head_y(153	1135	1232	911	773	702	498	497	558
head_y(154	1139	1229	911	771	702	502	493	558
head_y(155	1142	1225	910	778	688	499	493	560
head_y(156	1144	1227	909	783		499	491	556
head_y(157	1149	1224	907	778		497	492	554
head_y(158	1152	1224	907	787		492	480	554
head_y(159	1155	1222	904	787		499	480	554
head_y(160	1159	1223	901	786		504	478	554
head_y(161	1163	1224	902	787		502	478	555
head_y(162	1165	1222	901	789		500	476	554
head_y(163	1171	1225	902	791		500	474	554
head_y(164	1173	1225	901	793		499	472	552
head_y(165	1177	1226	904	794		498	473	554
head_y(166	1180	1224	904	795		498	472	552
head_y(167	1183	1224	904	797	707	497	470	552
head_y(168	1187	1223	900	797		497	468	554
head_y(169	1191	1222	896	797		496	466	552
head_y(170	1194	1221	896	796		496	466	552
head_y(171	1196	1218	901	796		498	464	550
head_y(172	1199	1214	896	794	711	497	464	550
head_y(173	1203	1215	896	797	712	496	462	550
head_y(174	1205	1212	899	798	725	494	460	550
head_y(175	1206	1210	899	799	733	492	459	549
head_y(176	1209	1214	901	798	745	489	460	549
head_y(177	1211	1214	902	801	757	489	455	550
head_y(178	1213	1206	901	801	765	488	454	546
head_y(179	1215	1205	897	802	767	486	453	546
spinepoint_	1039	1355	1017	1452	1410	998	1290	1107
spinepoint_	1036	1357	1014	1451	1414	998	1291	1107
spinepoint_	1034	1359	1015	1448	1412	997	1290	1107
spinepoint_	1032	1358	1018	1449	1414	998	1289	1107
spinepoint_	1030	1360	1019	1445	1415	998	1289	1108
spinepoint_	1028	1361	1022	1442	1420	1000	1289	1108
spinepoint_	1026	1363	1022	1441	1422	1002	1289	1108
spinepoint_	1023	1363	1027	1438	1425	1000	1289	1107
spinepoint_	1019	1364	1025	1438	1425	998	1287	1107
spinepoint_	1017	1366	1030	1436	1429	997	1287	1108
spinepoint_	1015	1366	1031	1435	1435	998	1287	1107
spinepoint_	1015	1367	1031	1431	1438	998	1286	1107
spinepoint_	1013	1367	1031	1432	1439	996	1285	1108
spinepoint_	1009	1370	1034	1430	1439	995	1284	1107
spinepoint_	1006	1371	1035	1429	1442	993	1283	1107
spinepoint_	1004	1371	1039	1427	1445	992	1284	1106
spinepoint_	1002	1372	1039	1424	1446	992	1283	1107
spinepoint_	997	1373	1043	1424	1448	990	1281	1107
spinepoint_	996	1373	1043	1423	1451	986	1279	1106

spinepoint_	990	1374	1044	1418	1455	988	1280	1107
spinepoint_	988	1374	1047	1417	1455	987	1278	1106
spinepoint_	987	1375	1049	1418	1458	990	1276	1104
spinepoint_	986	1374	1052	1416	1459	988	1276	1105
spinepoint_	983	1375	1052	1413	1464	988	1277	1105
spinepoint_	981	1376	1055	1412	1464	985	1276	1104
spinepoint_	979	1376	1059	1409	1467	983	1276	1103
spinepoint_	976	1376	1058	1408	1469	985	1274	1103
spinepoint_	974	1377	1059	1405	1472	984	1273	1103
spinepoint_	973	1378	1061	1404	1473	984	1271	1103
spinepoint_	970	1378	1063	1403	1478	982	1272	1104
spinepoint_	970	1378	1063	1399	1479	980	1271	1105
spinepoint_	967	1378	1064	1398	1481	979	1270	1105
spinepoint_	967	1378	1064	1398	1481	979	1270	1105
spinepoint_	967	1376	1066	1398	1483	978	1270	1106
spinepoint_	964	1375	1065	1394	1490	979	1269	1105
spinepoint_	964	1375	1067	1393	1491	978	1270	1106
spinepoint_	968	1375	1069	1392	1495	978	1268	1103
spinepoint_	969	1375	1070	1389	1498	976	1268	1104
spinepoint_	970	1374	1073	1385	1500	976	1266	1106
spinepoint_	970	1374	1074	1389	1499	974	1266	1107
spinepoint_	971	1374	1079	1388	1501	973	1264	1107
spinepoint_	971	1373	1080	1388	1503	974	1264	1106
spinepoint_	971	1373	1080	1386	1506	971	1263	1107
spinepoint_	972	1373	1084	1388	1508	972	1262	1106
spinepoint_	974	1372	1083	1388	1510	968	1263	1106
spinepoint_	975	1371	1089	1386	1513	967	1262	1103
spinepoint_	976	1371	1089	1385	1515	964	1259	1103
spinepoint_	976	1370	1093	1382	1522	962	1260	1103
spinepoint_	977	1369	1094	1382	1523	974	1260	1103
spinepoint_	979	1368	1094	1380	1522	975	1268	1104
spinepoint_	984	1368	1098	1380	1528	975	1258	1103
spinepoint_	986	1367	1102	1379	1529	978	1253	1103
spinepoint_	986	1366	1103	1380	1532	981	1255	1100
spinepoint_	992	1366	1103	1378	1537	983	1253	1098
spinepoint_	994	1363	1104	1377	1541	983	1250	1095
spinepoint_	996	1362	1109	1376	1545	987	1248	1098
spinepoint_	1001	1360	1109	1376	1546	987	1247	1098
spinepoint_	1004	1359	1111	1374	1548	993	1247	1096
spinepoint_	1005	1357	1113	1375	1549	994	1245	1088
spinepoint_	1006	1356	1115	1374	1553	996	1242	1085
spinepoint_	1010	1354	1116	1374	1558	1003	1245	1084
spinepoint_	1010	1353	1116	1372	1559	1008	1257	1081
spinepoint_	1013	1349	1116	1370	1561	1011	1259	1080
spinepoint_	1014	1349	1118	1370	1565	1014	1259	1080
spinepoint_	1015	1346	1120	1368	1569	1012	1258	1078
spinepoint_	1018	1345	1118	1370	1572	1006	1260	1078
spinepoint_	1017	1341	1119	1369	1573	1008	1261	1077
spinepoint_	1020	1340	1117	1370	1576	1008	1260	1077
spinepoint_	1021	1335	1107	1370	1576	1009	1260	1077

spinepoint_	1020	1336	1118	1370	1578	1011	1260	1076
spinepoint_	1021	1334	1119	1369	1581	1014	1260	1077
spinepoint_	1022	1332	1122	1362	1584	1015	1260	1074
spinepoint_	1022	1328	1122	1360	1588	1019	1261	1073
spinepoint_	1020	1326	1123	1360	1588	1017	1261	1084
spinepoint_	1018	1325	1126	1369	1593	1003	1263	1087
spinepoint_	1018	1322	1127	1369	1594	1005	1266	1086
spinepoint_	1017	1320	1130	1372	1596	1004	1268	1085
spinepoint_	1016	1319	1131	1374	1599	1002	1267	1084
spinepoint_	1014	1315	1134	1376	1604	1001	1269	1084
spinepoint_	1013	1312	1136	1376	1603	1000	1268	1083
spinepoint_	1011	1310	1140	1376	1607	998	1271	1083
spinepoint_	1006	1308	1142	1372	1609	995	1268	1084
spinepoint_	1004	1304	1143	1374	1613	995	1269	1085
spinepoint_	1003	1302	1145	1375	1616	995	1266	1085
spinepoint_	1000	1298	1148	1376	1619	995	1263	1084
spinepoint_	996	1296	1152	1376	1623	996	1264	1083
spinepoint_	998	1294	1153	1378	1624	1008	1261	1082
spinepoint_	994	1291	1159	1379	1627	1009	1261	1082
spinepoint_	992	1290	1163	1381	1631	1009	1262	1080
spinepoint_	989	1287	1165	1381	1633	1014	1263	1082
spinepoint_	985	1284	1167	1385	1638	1014	1263	1082
spinepoint_	986	1281	1171	1387	1639	1015	1264	1086
spinepoint_	984	1277	1173	1387	1643	1014	1264	1086
spinepoint_	981	1274	1174	1389	1645	1013	1264	1084
spinepoint_	977	1271	1177	1392	1648	1013	1264	1085
spinepoint_	974	1267	1178	1395	1650	1013	1263	1085
spinepoint_	972	1264	1180	1396	1654	1011	1263	1084
spinepoint_	968	1264	1181	1396	1655	1012	1262	1076
spinepoint_	969	1259	1166	1399	1658	1010	1260	1077
spinepoint_	970	1257	1167	1401	1662	1011	1258	1077
spinepoint_	967	1258	1170	1402	1666	1009	1258	1075
spinepoint_	970	1258	1170	1407	1666	1009	1258	1072
spinepoint_	979	1260	1167	1407	1669	1008	1256	1072
spinepoint_	983	1259	1165	1409	1667	1008	1255	1070
spinepoint_	983	1260	1164	1411	1667	1006	1256	1069
spinepoint_	987	1260	1166	1416	1668	1007	1256	1070
spinepoint_	989	1263	1165	1417	1667	1003	1258	1073
spinepoint_	993	1266	1166	1419	1667	985	1258	1073
spinepoint_	994	1266	1166	1421	1668	990	1258	1072
spinepoint_	997	1268	1165	1424	1668	990	1257	1071
spinepoint_	1000	1271	1167	1428	1670	992	1257	1071
spinepoint_	1003	1275	1164	1429	1668	991	1257	1074
spinepoint_	1006	1277	1166	1429	1671	991	1257	1080
spinepoint_	1010	1279	1161	1430	1671	990	1257	1078
spinepoint_	1012	1280	1163	1434	1673	985	1256	1080
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spinepoint_	1027	1286	1157	1439	1666	993	1256	1084

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spinepoint_	1067	1289	1134	1463	1675	1014	1248	1062
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spinepoint_	1087	1281	1122	1475	1680	1008	1253	1060
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spinepoint_	1140	1240	1136	1510		1062	1269	1051
spinepoint_	1142	1238	1140	1507		1063	1271	1053
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spinepoint_	1087	1031	888	867	737	619	569	555
spinepoint_	1090	1033	888	869	738	614	568	555
spinepoint_	1091	1033	887	869	737	610	564	555
spinepoint_	1092	1034	888	870	737	607	563	555
spinepoint_	1094	1035	891	870	736	604	564	556
spinepoint_	1094	1037	892	870	736	598	562	556
spinepoint_	1097	1037	892	870	738	597	561	556
spinepoint_	1097	1038	891	870	737	594	558	556
spinepoint_	1098	1040	894	871	736	591	559	555
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spinepoint_	1100	1044	895	870	736	576	553	551
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spinepoint_	1100	1046	894	870	735	568	550	552
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spinepoint_	1098	1050	894	870	734	556	543	551
spinepoint_	1097	1054	894	868	733	554	544	551
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spinepoint_	1097	1056	894	868	732	544	537	553
spinepoint_	1095	1061	894	867	732	542	538	551
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spinepoint_	1089	1064	889	867	730	531	531	552
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spinepoint_	1082	1069	890	863	730	524	527	550
spinepoint_	1082	1070	890	861	730	521	525	553
spinepoint_	1078	1071	890	860	730	517	523	553
spinepoint_	1078	1071	890	860	730	517	523	553
spinepoint_	1077	1075	892	860	730	515	523	552
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spinepoint_	1073	1078	894	859	730	509	520	555
spinepoint_	1075	1080	892	858	730	504	518	554
spinepoint_	1073	1082	893	855	730	505	516	552
spinepoint_	1070	1082	892	854	730	501	514	554

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spinepoint_	1065	1087	888	849	730	497	510	553
spinepoint_	1065	1088	890	847	730	495	508	552
spinepoint_	1063	1088	890	843	728	487	507	551
spinepoint_	1058	1090	890	840	728	487	505	554
spinepoint_	1056	1093	890	838	727	486	503	553
spinepoint_	1055	1097	891	835	726	486	504	552
spinepoint_	1052	1098	892	834	726	484	501	552
spinepoint_	1053	1104	890	831	724	482	502	553
spinepoint_	1058	1105	889	833	725	486	500	553
spinepoint_	1058	1105	888	833	724	484	514	554
spinepoint_	1058	1109	889	831	722	483	506	553
spinepoint_	1058	1112	887	827	722	480	507	553
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spinepoint_	1060	1116	885	825	720	475	506	555
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spinepoint_	1063	1121	882	824	720	470	505	552
spinepoint_	1065	1123	880	821	719	469	506	553
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spinepoint_	1081	1137	878	809	716	462	507	568
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spinepoint_	1085	1138	874	805	716	460	506	570
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spinepoint_	1091	1141	886	802	716	450	507	572
spinepoint_	1095	1142	887	799	715	449	507	574
spinepoint_	1098	1141	886	799	714	450	504	573
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spinepoint_	1109	1145	893	796	714	444	505	575
spinepoint_	1111	1146	896	793	714	444	504	576
spinepoint_	1113	1149	896	792	714	444	502	573
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spinepoint_	1123	1148	903	786	714	443	499	563
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spinepoint_	1131	1151	908	780	716	440	499	564
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spinepoint_	1142	1154	916	779	717	430	501	569
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spinepoint_	1144	1153	918	772	717	428	498	576
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spinepoint_	1144	1152	916	771	716	428	499	577
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spinepoint_	1142	1146	920	768	713	428	502	589
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spinepoint_	1147	1146	920	768	713	432	503	588
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spinepoint_	1121	1165	915	775	717	452	506	583
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spinepoint_	992	1365	1101	1380	1538	981	1255	1096
spinepoint_	996	1364	1103	1379	1539	981	1254	1096
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spinepoint_	1000	1360	1106	1378	1543	989	1252	1092

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spinepoint_	1006	1357	1109	1375	1552	1001	1251	1083
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spinepoint_	1135	1255	1140	1501		1051	1265	1057

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spinepoint_	1140	1242	1148	1503		1059	1267	1054
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spinepoint_	1085	1029	884	865	739	619	571	561
spinepoint_	1086	1029	885	868	740	615	568	560
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spinepoint_	1093	1032	888	869	738	605	568	562
spinepoint_	1094	1033	887	870	738	601	564	563
spinepoint_	1094	1034	890	870	736	599	565	562
spinepoint_	1096	1036	890	870	736	595	564	562
spinepoint_	1096	1038	890	871	736	592	563	560
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spinepoint_	1098	1039	892	871	735	578	558	557
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spinepoint_	1098	1044	892	870	735	567	552	559
spinepoint_	1098	1045	893	871	734	562	549	557
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spinepoint_	1079	1068	894	862	730	519	525	557
spinepoint_	1078	1071	893	862	729	515	527	559
spinepoint_	1081	1072	892	862	730	511	524	558
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spinepoint_	1077	1077	892	853	730	508	519	558
spinepoint_	1072	1080	891	853	730	505	516	557
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spinepoint_	1071	1080	892	847	730	496	513	557
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spinepoint_	1058	1101	890	837	724	490	508	559
spinepoint_	1058	1105	890	834	724	485	506	560
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spinepoint_	1070	1124	883	822	718	463	508	561
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spinepoint_	1129	1150	907	784	716	439	496	572
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spinepoint_	1043	1347	1002	1461	1399	996	1295	1112
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spinepoint_	1036	1351	1008	1454	1409	998	1294	1113
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spinepoint_	1030	1354	1016	1450	1415	996	1294	1112
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spinepoint_	985	1271	1184	1393	1652	999	1243	1084
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spinepoint_	984	1271	1161	1402	1655	999	1246	1082
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spinepoint_	1132	1264	1141	1501		1040	1267	1062
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spinepoint_	1138	1253	1155	1496		1047	1259	1060
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spinepoint_	1078	1024	882	863	742	631	581	566
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spinepoint_	1090	1029	886	868	740	609	571	569
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spinepoint_	1139	1153	914	768	717	444	509	583
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spinepoint_	1127	1153	925	770	716	443	520	590
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spinepoint_	1124	1155	927	772	716	451	522	595
spinepoint_	1123	1155	929	769	716	461	524	594
spinepoint_	1122	1158	929	768	716	463	521	592
spinepoint_	1121	1160	931	768	719	465	518	581

spinepoint_	1120	1162	930	768	719	474	514	580
spinepoint_	1120	1163	932	770	719	485	515	582
spinepoint_	1120	1165	931	771	718	488	514	582
spinepoint_	1119	1167	928	772	720	491	512	584
spinepoint_	1120	1167	915	774	722	494	512	578
spinepoint_	1120	1169	924	774	724	495	512	578
spinepoint_	1121	1172	910	775	726	494	512	578
spinepoint_	1121	1173	918	776	730	497	512	582
spinepoint_	1121	1176	918	776	730	497	512	584
spinepoint_	1123	1177	918	778	731	498	512	584
spinepoint_	1122	1180	917	778	734	497	512	583
spinepoint_	1119	1180	916	780	737	497	514	582
spinepoint_	1122	1184	916	777	736	498	503	581
spinepoint_	1122	1184	915	776	739	499	502	578
spinepoint_	1120	1186	914	776	739	499	500	580
spinepoint_	1119	1188	914	778	742	499	499	580
spinepoint_	1118	1196	912	780	748	499	496	579
spinepoint_	1116	1194	912	781	749	496	497	579
spinepoint_	1115	1199	911	781	753	495	496	578
spinepoint_	1114	1199	910	782	752	496	507	578
spinepoint_	1113	1201	910	781	754	496	505	578
spinepoint_	1112	1204	909	782	758	498	504	575
spinepoint_	1110	1204	909	780	761	498	501	576
spinepoint_	1111	1207	908	782	764	498	498	575
spinepoint_	1111	1207	908	781	765	496	500	576
spinepoint_	1112	1211	906	780	764	499	495	574
spinepoint_	1111	1211	908	780	764	499	497	575
spinepoint_	1112	1214	906	778	744	494	495	575
spinepoint_	1112	1215	906	779	738	497	492	574
spinepoint_	1112	1217	908	778	726	494	491	572
spinepoint_	1113	1217	906	778	726	495	488	572
spinepoint_	1114	1222	898	778	723	496	489	572
spinepoint_	1115	1221	897	776	719	498	493	573
spinepoint_	1118	1221	897	776	719	496	496	572
spinepoint_	1120	1221	898	775	719	498	497	572
spinepoint_	1121	1223	898	774	715	499	500	573
spinepoint_	1124	1222	899	779	706	501	500	572
spinepoint_	1126	1223	900	782		500	493	572
spinepoint_	1130	1225	900	781		500	487	573
spinepoint_	1132	1225	902	783		500	492	573
spinepoint_	1134	1227	902	782		501	492	572
spinepoint_	1138	1226	902	778		501	492	570
spinepoint_	1141	1226	902	779		501	491	572
spinepoint_	1144	1226	903	778		500	491	571
spinepoint_	1148	1228	904	778		499	488	570
spinepoint_	1152	1226	904	777		499	489	568
spinepoint_	1154	1226	906	776		497	488	568
spinepoint_	1158	1226	907	777		498	487	568
spinepoint_	1164	1226	913	778	692	498	485	568
spinepoint_	1168	1226	910	780		497	486	566

spinepoint_	1168	1226	907	780		496	484	566
spinepoint_	1172	1226	906	782		498	483	564
spinepoint_	1174	1226	902	783		496	480	564
spinepoint_	1177	1225	902	785	707	497	480	564
spinepoint_	1182	1224	899	784	707	498	480	564
spinepoint_	1186	1222	899	786	716	496	476	563
spinepoint_	1189	1221	896	788	725	496	475	562
spinepoint_	1192	1223	893	788	736	495	477	562
spinepoint_	1195	1224	890	792	744	493	474	563
spinepoint_	1198	1221	888	792	750	492	474	562
spinepoint_	1202	1221	885	791	752	492	470	562
tail_x(0)	1052	1338	995	1469	1392	999	1298	1112
tail_x(1)	1049	1340	995	1469	1394	998	1297	1112
tail_x(2)	1048	1342	996	1469	1394	996	1296	1113
tail_x(3)	1047	1342	998	1467	1396	995	1297	1115
tail_x(4)	1044	1345	1000	1464	1398	995	1295	1113
tail_x(5)	1043	1346	1001	1463	1400	996	1295	1116
tail_x(6)	1041	1348	1002	1461	1402	996	1294	1117
tail_x(7)	1039	1346	1007	1459	1404	995	1294	1114
tail_x(8)	1037	1350	1006	1459	1406	995	1296	1117
tail_x(9)	1035	1348	1008	1455	1411	995	1294	1117
tail_x(10)	1034	1353	1010	1455	1415	997	1295	1117
tail_x(11)	1033	1352	1010	1453	1417	995	1295	1116
tail_x(12)	1031	1352	1011	1451	1418	997	1293	1113
tail_x(13)	1027	1356	1013	1450	1420	997	1291	1112
tail_x(14)	1027	1357	1014	1449	1424	997	1290	1109
tail_x(15)	1023	1357	1016	1447	1425	999	1291	1111
tail_x(16)	1021	1356	1018	1447	1428	998	1291	1112
tail_x(17)	1017	1358	1020	1443	1428	996	1289	1115
tail_x(18)	1015	1360	1022	1442	1432	993	1287	1117
tail_x(19)	1013	1361	1023	1440	1432	991	1286	1117
tail_x(20)	1007	1363	1025	1439	1436	990	1285	1115
tail_x(21)	1007	1363	1026	1437	1440	991	1285	1108
tail_x(22)	1007	1366	1030	1435	1440	991	1284	1117
tail_x(23)	1003	1365	1030	1433	1446	991	1284	1119
tail_x(24)	1001	1366	1034	1431	1445	990	1285	1117
tail_x(25)	997	1369	1036	1430	1446	989	1282	1103
tail_x(26)	993	1370	1036	1429	1448	991	1283	1105
tail_x(27)	991	1369	1038	1427	1452	989	1283	1108
tail_x(28)	989	1370	1038	1425	1452	989	1280	1106
tail_x(29)	985	1371	1038	1421	1456	989	1281	1115
tail_x(30)	983	1371	1040	1420	1458	986	1281	1115
tail_x(31)	981	1374	1042	1419	1462	986	1278	1116
tail_x(32)	981	1374	1042	1419	1462	986	1278	1116
tail_x(33)	979	1373	1043	1415	1464	985	1278	1117
tail_x(34)	974	1372	1045	1413	1469	985	1277	1121
tail_x(35)	975	1371	1046	1411	1473	983	1276	1121
tail_x(36)	977	1371	1048	1409	1474	983	1277	1115
tail_x(37)	976	1371	1048	1407	1476	983	1277	1111
tail_x(38)	976	1376	1050	1404	1478	982	1275	1115

tail_x(39)	972	1376	1052	1406	1480	981	1275	1115
tail_x(40)	972	1376	1056	1404	1482	981	1272	1117
tail_x(41)	970	1376	1058	1402	1482	980	1273	1117
tail_x(42)	969	1376	1058	1403	1486	978	1272	1121
tail_x(43)	968	1376	1063	1405	1490	979	1271	1119
tail_x(44)	968	1378	1064	1404	1490	976	1271	1121
tail_x(45)	968	1375	1066	1403	1494	975	1271	1105
tail_x(46)	970	1374	1067	1403	1496	973	1271	1108
tail_x(47)	970	1374	1070	1400	1500	973	1270	1111
tail_x(48)	969	1373	1070	1397	1502	975	1270	1106
tail_x(49)	969	1372	1074	1394	1504	974	1252	1096
tail_x(50)	970	1372	1075	1394	1507	975	1269	1100
tail_x(51)	970	1372	1078	1395	1508	975	1267	1100
tail_x(52)	972	1372	1080	1393	1514	974	1268	1103
tail_x(53)	974	1370	1082	1393	1516	972	1269	1086
tail_x(54)	976	1370	1084	1390	1522	972	1269	1084
tail_x(55)	980	1371	1087	1387	1524	975	1267	1086
tail_x(56)	982	1370	1089	1384	1526	974	1265	1084
tail_x(57)	984	1368	1091	1383	1530	977	1265	1084
tail_x(58)	988	1367	1092	1382	1530	980	1263	1094
tail_x(59)	992	1366	1095	1384	1534	980	1263	1094
tail_x(60)	993	1363	1096	1382	1538	984	1262	1093
tail_x(61)	999	1365	1096	1381	1540	988	1242	1089
tail_x(62)	1000	1362	1096	1380	1544	990	1254	1088
tail_x(63)	1004	1362	1098	1378	1546	992	1258	1089
tail_x(64)	1006	1361	1098	1377	1548	992	1263	1088
tail_x(65)	1008	1359	1100	1375	1552	992	1264	1088
tail_x(66)	1009	1357	1100	1372	1554	992	1269	1087
tail_x(67)	1012	1356	1100	1373	1556	992	1271	1087
tail_x(68)	1015	1352	1121	1372	1558	992	1275	1087
tail_x(69)	1015	1352	1100	1372	1560	994	1277	1087
tail_x(70)	1019	1349	1100	1370	1562	1000	1277	1088
tail_x(71)	1019	1348	1102	1362	1566	996	1279	1088
tail_x(72)	1020	1347	1105	1360	1567	1002	1279	1088
tail_x(73)	1020	1345	1106	1360	1570	1001	1281	1068
tail_x(74)	1020	1342	1110	1371	1572	1000	1282	1089
tail_x(75)	1023	1341	1110	1370	1576	1001	1282	1091
tail_x(76)	1023	1337	1112	1372	1579	1000	1285	1091
tail_x(77)	1022	1337	1114	1379	1581	1001	1287	1090
tail_x(78)	1022	1334	1116	1376	1582	1001	1289	1087
tail_x(79)	1021	1333	1118	1377	1584	1000	1290	1083
tail_x(80)	1021	1328	1121	1383	1588	1001	1289	1082
tail_x(81)	1019	1327	1123	1375	1590	1004	1285	1082
tail_x(82)	1019	1323	1126	1375	1594	1003	1286	1084
tail_x(83)	1018	1321	1128	1375	1596	1004	1278	1089
tail_x(84)	1015	1319	1128	1372	1599	1004	1271	1085
tail_x(85)	1014	1315	1132	1372	1602	1003	1267	1082
tail_x(86)	1013	1313	1134	1370	1604	999	1265	1085
tail_x(87)	1011	1310	1136	1369	1608	999	1263	1084
tail_x(88)	1008	1309	1140	1369	1612	999	1260	1083

tail_x(89)	1006	1307	1142	1371	1614	995	1259	1084
tail_x(90)	1002	1303	1144	1370	1618	1002	1256	1085
tail_x(91)	1003	1301	1148	1371	1620	1012	1252	1088
tail_x(92)	1002	1297	1150	1372	1624	1012	1250	1091
tail_x(93)	1000	1295	1154	1375	1626	1007	1248	1074
tail_x(94)	999	1291	1154	1375	1628	1004	1246	1071
tail_x(95)	995	1289	1156	1376	1632	1002	1244	1070
tail_x(96)	993	1287	1157	1376	1634	1001	1242	1068
tail_x(97)	990	1282	1158	1380	1636	1000	1240	1087
tail_x(98)	991	1281	1181	1380	1640	1000	1240	1092
tail_x(99)	991	1277	1185	1382	1640	999	1238	1092
tail_x(100)	989	1277	1189	1384	1644	996	1238	1088
tail_x(101)	992	1275	1189	1386	1646	995	1235	1089
tail_x(102)	993	1279	1185	1388	1648	997	1234	1088
tail_x(103)	991	1278	1181	1390	1648	1000	1233	1086
tail_x(104)	991	1278	1162	1394	1648	999	1234	1087
tail_x(105)	991	1277	1156	1394	1648	995	1245	1089
tail_x(106)	987	1277	1154	1398	1650	986	1249	1089
tail_x(107)	986	1277	1152	1400	1648	984	1253	1089
tail_x(108)	986	1277	1150	1402	1650	970	1254	1085
tail_x(109)	986	1277	1149	1404	1652	970	1256	1085
tail_x(110)	986	1277	1147	1406	1654	975	1256	1085
tail_x(111)	988	1279	1147	1408	1652	977	1257	1087
tail_x(112)	990	1277	1144	1410	1652	975	1257	1064
tail_x(113)	992	1276	1146	1412	1653	979	1256	1064
tail_x(114)	994	1274	1144	1414	1653	999	1258	1062
tail_x(115)	995	1274	1142	1416	1652	999	1257	1064
tail_x(116)	998	1274	1145	1418	1650	1001	1257	1068
tail_x(117)	1002	1275	1140	1422	1650	1007	1263	1070
tail_x(118)	1004	1276	1140	1422	1650	1007	1261	1074
tail_x(119)	1008	1278	1149	1422	1652	1009	1242	1070
tail_x(120)	1011	1278	1160	1425	1652	1017	1238	1068
tail_x(121)	1014	1281	1155	1427	1652	1021	1236	1066
tail_x(122)	1018	1282	1154	1428	1654	1020	1234	1064
tail_x(123)	1024	1282	1148	1431	1656	1020	1232	1075
tail_x(124)	1024	1284	1152	1432	1658	1023	1231	1076
tail_x(125)	1030	1286	1142	1435	1660	1032	1229	1072
tail_x(126)	1030	1287	1164	1436	1662	1033	1227	1089
tail_x(127)	1034	1288	1163	1438	1662	1032	1226	1088
tail_x(128)	1034	1290	1163	1439	1663	1032	1224	1087
tail_x(129)	1034	1288	1161	1442	1665	1035	1222	1083
tail_x(130)	1038	1291	1161	1443	1665	1037	1228	1081
tail_x(131)	1040	1290	1161	1448	1665	1037	1240	1079
tail_x(132)	1042	1291	1159	1446	1666	1037	1247	1077
tail_x(133)	1047	1292	1157	1447	1665	1035	1248	1077
tail_x(134)	1050	1292	1155	1447	1666	1035	1250	1077
tail_x(135)	1053	1292	1152	1448	1666	1033	1253	1077
tail_x(136)	1057	1292	1149	1451	1666	1031	1254	1077
tail_x(137)	1060	1292	1147	1453	1671	1028	1255	1075
tail_x(138)	1066	1291	1145	1454	1669	1028	1251	1075

tail_x(139)	1069	1290	1143	1456	1670	1029	1247	1075
tail_x(140)	1072	1287	1141	1457	1669	1027	1247	1074
tail_x(141)	1076	1289	1138	1460	1671	1027	1248	1074
tail_x(142)	1078	1287	1136	1462	1673	1027	1249	1073
tail_x(143)	1082	1285	1135	1463	1679	1029	1248	1074
tail_x(144)	1086	1286	1132	1466	1677	1029	1250	1069
tail_x(145)	1090	1285	1131	1467	1686	1029	1251	1069
tail_x(146)	1094	1281	1129	1471	1690	1023	1253	1069
tail_x(147)	1096	1281	1129	1470	1689	1029	1251	1069
tail_x(148)	1100	1279	1129	1474	1688	1024	1252	1067
tail_x(149)	1104	1276	1105	1476	1688	1023	1267	1066
tail_x(150)	1119	1277	1125	1478	1685	1023	1271	1067
tail_x(151)	1110	1277	1133	1482	1684	1022	1273	1067
tail_x(152)	1114	1271	1135	1484	1684	1023	1273	1069
tail_x(153)	1116	1273	1139	1486	1687	1025	1275	1067
tail_x(154)	1120	1272	1141	1490	1697	1026	1275	1067
tail_x(155)	1123	1272	1143	1492	1712	1029	1277	1066
tail_x(156)	1125	1271	1147	1494		1032	1265	1067
tail_x(157)	1127	1269	1149	1494		1033	1266	1067
tail_x(158)	1129	1267	1153	1496		1038	1252	1067
tail_x(159)	1131	1263	1157	1492		1038	1252	1065
tail_x(160)	1133	1261	1159	1492		1040	1252	1065
tail_x(161)	1137	1259	1161	1492		1040	1254	1065
tail_x(162)	1139	1256	1163	1492		1042	1256	1063
tail_x(163)	1138	1254	1165	1492		1046	1258	1063
tail_x(164)	1141	1250	1169	1490		1048	1258	1061
tail_x(165)	1142	1247	1167	1492		1054	1260	1059
tail_x(166)	1142	1245	1144	1492		1058	1260	1059
tail_x(167)	1143	1241	1140	1493	1703	1058	1262	1057
tail_x(168)	1142	1239	1136	1492		1064	1262	1056
tail_x(169)	1142	1237	1134	1491		1066	1265	1057
tail_x(170)	1142	1233	1132	1491		1070	1265	1053
tail_x(171)	1142	1231	1128	1493		1072	1267	1053
tail_x(172)	1143	1228	1126	1492	1703	1074	1269	1051
tail_x(173)	1140	1227	1122	1491	1702	1078	1268	1051
tail_x(174)	1139	1223	1121	1494	1700	1084	1271	1047
tail_x(175)	1140	1219	1119	1494	1694	1086	1270	1047
tail_x(176)	1139	1219	1117	1494	1686	1091	1272	1047
tail_x(177)	1137	1215	1115	1495	1678	1094	1272	1045
tail_x(178)	1135	1219	1112	1495	1670	1098	1272	1043
tail_x(179)	1132	1219	1109	1493	1662	1100	1275	1043
tail_y(0)	1072	1019	878	863	741	647	590	571
tail_y(1)	1073	1018	878	862	740	643	589	571
tail_y(2)	1076	1020	881	862	741	636	587	571
tail_y(3)	1079	1020	881	862	743	633	587	571
tail_y(4)	1080	1022	881	862	742	629	583	571
tail_y(5)	1082	1020	886	863	741	624	583	571
tail_y(6)	1085	1023	886	864	741	623	581	572
tail_y(7)	1086	1024	882	866	739	619	581	573
tail_y(8)	1087	1025	885	867	741	617	579	570

tail_y(9)	1089	1027	886	867	741	613	577	571
tail_y(10)	1090	1026	886	867	741	609	577	571
tail_y(11)	1091	1029	887	868	741	605	574	573
tail_y(12)	1093	1028	886	868	743	601	573	571
tail_y(13)	1094	1029	886	869	738	597	572	571
tail_y(14)	1096	1030	888	869	736	594	571	571
tail_y(15)	1098	1030	888	869	737	589	568	571
tail_y(16)	1099	1032	889	872	737	585	568	571
tail_y(17)	1097	1032	892	870	737	583	566	566
tail_y(18)	1098	1034	891	871	736	579	563	565
tail_y(19)	1100	1034	893	869	737	575	563	570
tail_y(20)	1099	1036	894	871	735	573	559	569
tail_y(21)	1101	1036	893	869	735	569	559	569
tail_y(22)	1100	1038	892	872	737	567	557	563
tail_y(23)	1099	1040	894	870	728	563	557	563
tail_y(24)	1098	1042	895	872	735	561	555	566
tail_y(25)	1099	1042	894	869	735	558	553	567
tail_y(26)	1097	1044	892	870	735	552	549	571
tail_y(27)	1097	1048	897	868	733	553	548	573
tail_y(28)	1097	1047	898	870	732	547	547	571
tail_y(29)	1097	1050	894	869	734	544	547	556
tail_y(30)	1097	1050	891	869	733	543	545	553
tail_y(31)	1095	1052	892	869	731	539	543	552
tail_y(32)	1095	1052	892	869	731	539	543	552
tail_y(33)	1093	1054	894	868	733	537	541	553
tail_y(34)	1093	1054	899	867	733	533	539	559
tail_y(35)	1092	1055	898	866	732	532	539	562
tail_y(36)	1091	1054	893	866	732	527	537	564
tail_y(37)	1091	1057	894	865	731	527	532	571
tail_y(38)	1091	1062	895	867	732	523	532	552
tail_y(39)	1089	1064	894	861	732	521	530	550
tail_y(40)	1087	1066	891	859	731	519	531	552
tail_y(41)	1084	1066	894	861	733	515	529	553
tail_y(42)	1081	1066	894	857	731	513	527	557
tail_y(43)	1081	1070	895	846	731	508	523	552
tail_y(44)	1077	1074	897	847	731	509	523	558
tail_y(45)	1073	1078	891	845	728	508	523	569
tail_y(46)	1071	1078	894	845	730	503	521	571
tail_y(47)	1072	1082	892	843	729	504	519	572
tail_y(48)	1071	1082	894	847	729	503	519	567
tail_y(49)	1071	1086	891	847	728	505	507	565
tail_y(50)	1069	1088	893	845	729	503	519	573
tail_y(51)	1066	1092	892	845	727	500	519	575
tail_y(52)	1065	1094	892	843	726	499	519	567
tail_y(53)	1063	1096	892	843	727	495	515	561
tail_y(54)	1061	1100	891	841	724	493	514	563
tail_y(55)	1056	1103	893	842	724	489	512	569
tail_y(56)	1057	1106	891	841	723	484	512	565
tail_y(57)	1058	1106	893	839	723	483	512	563
tail_y(58)	1058	1109	890	837	723	478	510	550

tail_y(59)	1060	1110	893	835	720	475	509	550
tail_y(60)	1060	1112	891	833	722	475	511	552
tail_y(61)	1060	1115	885	830	721	473	506	550
tail_y(62)	1064	1118	886	829	720	463	494	552
tail_y(63)	1064	1118	884	827	718	461	492	552
tail_y(64)	1069	1122	883	827	721	459	490	556
tail_y(65)	1072	1124	887	823	720	460	492	554
tail_y(66)	1074	1127	888	823	718	457	493	556
tail_y(67)	1076	1128	887	821	719	457	494	557
tail_y(68)	1080	1130	897	819	715	457	495	556
tail_y(69)	1082	1130	888	817	716	460	495	558
tail_y(70)	1088	1133	885	815	718	463	495	560
tail_y(71)	1092	1134	885	813	719	455	495	560
tail_y(72)	1094	1136	884	813	719	459	494	560
tail_y(73)	1097	1137	887	810	720	455	493	574
tail_y(74)	1102	1138	887	807	718	454	492	573
tail_y(75)	1105	1137	890	806	717	453	490	577
tail_y(76)	1108	1140	893	805	716	453	491	577
tail_y(77)	1110	1141	895	801	716	455	488	579
tail_y(78)	1112	1144	895	801	718	455	491	583
tail_y(79)	1116	1144	898	799	717	455	492	585
tail_y(80)	1119	1144	898	792	717	455	490	587
tail_y(81)	1120	1147	900	797	718	455	485	587
tail_y(82)	1128	1150	901	796	716	453	494	585
tail_y(83)	1128	1147	902	796	717	451	503	583
tail_y(84)	1130	1149	906	797	718	451	507	585
tail_y(85)	1130	1150	908	795	719	449	509	587
tail_y(86)	1130	1151	911	794	719	420	511	591
tail_y(87)	1132	1148	909	793	720	441	511	593
tail_y(88)	1134	1152	912	793	720	443	513	593
tail_y(89)	1136	1151	912	791	719	439	513	595
tail_y(90)	1138	1154	913	788	719	422	513	597
tail_y(91)	1139	1154	915	787	719	439	510	593
tail_y(92)	1138	1151	915	787	719	441	509	592
tail_y(93)	1141	1154	918	783	719	443	507	581
tail_y(94)	1140	1151	915	783	718	444	504	580
tail_y(95)	1145	1148	915	781	718	446	505	581
tail_y(96)	1143	1152	914	781	716	447	505	585
tail_y(97)	1144	1155	915	777	717	446	505	570
tail_y(98)	1146	1153	926	776	717	447	503	576
tail_y(99)	1146	1153	927	776	717	449	503	576
tail_y(100)	1148	1154	923	774	718	446	502	574
tail_y(101)	1147	1156	922	774	717	449	502	575
tail_y(102)	1147	1150	923	774	716	449	503	578
tail_y(103)	1145	1151	908	772	713	451	503	578
tail_y(104)	1145	1151	905	772	714	451	502	579
tail_y(105)	1146	1152	909	769	716	455	515	582
tail_y(106)	1148	1155	916	772	718	446	515	583
tail_y(107)	1147	1154	919	768	719	449	516	584
tail_y(108)	1145	1154	920	768	717	435	517	582

tail_y(109)	1142	1150	921	768	717	442	519	583
tail_y(110)	1138	1148	921	769	717	445	521	583
tail_y(111)	1135	1150	925	772	717	449	523	583
tail_y(112)	1134	1149	924	769	717	449	525	589
tail_y(113)	1131	1148	929	769	716	453	527	593
tail_y(114)	1127	1148	931	769	716	451	529	598
tail_y(115)	1127	1150	933	770	717	447	529	600
tail_y(116)	1124	1151	935	769	717	454	529	598
tail_y(117)	1121	1152	934	764	718	463	524	597
tail_y(118)	1122	1154	935	764	720	466	524	576
tail_y(119)	1120	1156	937	765	719	466	512	576
tail_y(120)	1120	1158	935	768	720	485	516	578
tail_y(121)	1119	1158	939	768	719	487	516	581
tail_y(122)	1119	1162	935	771	723	486	514	583
tail_y(123)	1119	1163	913	770	721	488	512	576
tail_y(124)	1119	1164	927	773	723	488	512	572
tail_y(125)	1121	1166	907	772	722	490	513	573
tail_y(126)	1119	1168	915	774	725	490	512	582
tail_y(127)	1121	1170	916	775	727	490	514	583
tail_y(128)	1121	1172	916	778	728	490	513	585
tail_y(129)	1119	1175	918	777	730	492	515	586
tail_y(130)	1115	1174	918	778	730	492	519	585
tail_y(131)	1119	1176	916	773	734	492	500	585
tail_y(132)	1119	1178	917	776	734	494	498	583
tail_y(133)	1121	1180	914	774	736	495	494	582
tail_y(134)	1119	1182	914	774	737	497	494	585
tail_y(135)	1119	1188	913	779	744	500	492	585
tail_y(136)	1117	1188	911	778	745	498	492	583
tail_y(137)	1115	1194	910	778	748	499	491	583
tail_y(138)	1113	1193	912	782	750	499	510	580
tail_y(139)	1113	1193	911	780	750	500	511	580
tail_y(140)	1113	1197	910	781	752	502	509	579
tail_y(141)	1109	1199	911	781	762	500	509	579
tail_y(142)	1110	1201	909	782	760	503	505	580
tail_y(143)	1110	1201	908	781	760	496	504	579
tail_y(144)	1110	1208	907	781	762	496	502	580
tail_y(145)	1110	1206	908	780	767	496	503	579
tail_y(146)	1110	1209	906	781	739	490	501	581
tail_y(147)	1111	1210	906	780	739	496	499	579
tail_y(148)	1111	1213	908	780	725	490	498	577
tail_y(149)	1112	1212	907	779	726	490	491	579
tail_y(150)	1110	1217	896	779	721	490	493	578
tail_y(151)	1114	1220	897	778	720	491	495	579
tail_y(152)	1114	1216	896	778	718	492	499	577
tail_y(153)	1117	1219	898	774	721	492	503	578
tail_y(154)	1117	1218	898	770	713	497	505	579
tail_y(155)	1120	1218	902	780	709	496	505	579
tail_y(156)	1122	1219	902	785		498	486	576
tail_y(157)	1124	1221	902	784		496	480	577
tail_y(158)	1128	1224	902	786		497	492	577

tail_y(159)	1130	1224	902	782		497	492	574
tail_y(160)	1133	1224	902	782		499	492	574
tail_y(161)	1136	1226	903	780		502	495	572
tail_y(162)	1139	1225	901	779		501	494	572
tail_y(163)	1143	1224	904	779		503	493	570
tail_y(164)	1146	1224	905	778		502	492	572
tail_y(165)	1148	1226	905	775		502	492	571
tail_y(166)	1152	1224	911	776		500	493	569
tail_y(167)	1156	1225	915	776	688	498	491	570
tail_y(168)	1160	1227	911	777		498	489	569
tail_y(169)	1162	1227	905	778		495	489	569
tail_y(170)	1166	1225	900	780		498	487	568
tail_y(171)	1168	1226	899	778		495	487	569
tail_y(172)	1173	1225	899	780	709	498	485	565
tail_y(173)	1176	1225	896	780	709	499	483	561
tail_y(174)	1180	1224	894	780	719	498	483	566
tail_y(175)	1184	1223	890	782	724	500	481	566
tail_y(176)	1187	1224	888	782	736	497	480	566
tail_y(177)	1188	1227	886	786	744	497	478	565
tail_y(178)	1193	1223	882	787	749	496	478	564
tail_y(179)	1196	1223	880	786	751	495	477	563
radius_1(0)	2.10731	3.17525	3.7793	2.28045	2.4321	3.34692	2.93981	2.82674
radius_1(1)	3.10556	3.43821	2.89965	2.4494	2.23395	3	1.94176	2.81936
radius_1(2)	2.34246	2.81386	3.41853	1.91388	2.61199	2.44925	3.32656	2.87927
radius_1(3)	2.67993	3.38388	3.65656	2.32916	2.67779	3.15049	2.54162	2.75212
radius_1(4)	2.90723	2.72766	3.08514	2.77353	3.81369	3.03009	2.9517	2.96289
radius_1(5)	2.33064	2.79093	3.33157	2.94441	2.73465	3.17975	3.33554	3.08862
radius_1(6)	2.75665	2.35593	2.96943	3.15876	2.77063	2.82843	3.3853	3.03757
radius_1(7)	1.73633	2.847	2.67767	2.95514	2.63275	3.09585	2.67825	3.44617
radius_1(8)	2.33046	2.92156	3.8656	2.73102	4.02866	3.87005	3.0891	2.36672
radius_1(9)	2.76485	2.99234	3.1991	3.44153	3.23822	2.70862	2.83901	2.68823
radius_1(10)	2.48022	2.83085	2.96985	1.96118	2.61498	3.93453	3.2693	2.82545
radius_1(11)	2.4066	2.60426	2.90137	2.23676	3.05302	3.20553	3.29061	2.8472
radius_1(12)	2.67297	2.8301	2.66953	2.95325	3.0769	3.1888	3.06593	3.40891
radius_1(13)	3.27271	3.3326	2.31648	3.08807	2.83801	3.6245	3.2638	2.29651
radius_1(14)	2.32296	2.32046	2.69719	2.36963	3.28805	2.62226	3.17078	2.13943
radius_1(15)	3.09363	3.38621	2.92267	3.0769	2.44879	3.14667	3.04297	2.82184
radius_1(16)	3.19836	3.14818	3.20001	2.63554	3.28685	3.1834	2.91498	2.18251
radius_1(17)	1.80209	3.46959	3.37695	3.08252	2.78283	3.02463	3.00201	2.19999
radius_1(18)	3	3.81805	3.41156	2.9447	2.95143	2.98768	2.71479	3.19556
radius_1(19)	2.39805	2.52722	2.50629	2.71652	2.19853	3.15207	2.92382	2.12182
radius_1(20)	2.57678	2.8082	2.79315	2.63971	3.19696	2.79266	3.46946	2.69238
radius_1(21)	2.58545	2.75289	3.23822	3.13799	3.27716	3.35675	2.79472	3.01892
radius_1(22)	3.32453	2.87795	2.35804	3.19035	3.40636	3	3.26724	2.17163
radius_1(23)	2.76939	2.66923	2.99646	3.00149	2.95203	3.20636	3.2682	2.98475
radius_1(24)	3.4231	2.94128	3.23737	3.09196	2.20251	2.7833	3.149	2.52148
radius_1(25)	2.71742	2.9251	3.24297	3.27424	2.87823	2.97836	3.09316	2.62416
radius_1(26)	2.20736	3.05484	2.87987	2.44511	2.81311	2.80012	3.29836	3.54189
radius_1(27)	3.18901	2.73434	4.46405	3.50273	3.0769	3.20538	2.31396	3.06114
radius_1(28)	2.73016	3.27405	2.25439	2.96062	2.96985	3.34674	2.8794	3.54386

radius_1(2)	2.69843	3.11731	3.11151	2.68613	2.94415	3.13959	3.36668	2.61989
radius_1(3)	2.51385	2.95203	2.96985	2.99946	2.78583	3.16641	2.94911	2.66337
radius_1(3)	2.7518	3	3.23822	3.29268	3.40698	3.64004	3.2476	2.77474
radius_1(3)	2.7518	3	3.23822	3.29268	3.40698	3.64004	3.2476	2.77474
radius_1(3)	2.83732	2.96985	3.16333	3.80588	3.13422	3.32349	3.29872	2.93542
radius_1(3)	3.02277	2.0442	2.24988	3.10235	2.76075	3.29296	2.98725	2.01282
radius_1(3)	3.03396	2.43238	2.96985	4.15912	2.77068	3.46751	3.08398	3.28879
radius_1(3)	3.17442	2.25598	3.16406	3.80793	2.96985	3.27304	3.10978	3.48331
radius_1(3)	2.2552	2.27856	2.49634	2.68821	2.76971	3.23822	3.4323	3.10339
radius_1(3)	3.1421	2.84851	2.94358	3.41687	3	3.20296	2.82614	3.64038
radius_1(3)	3.24072	2.85559	2.54432	3.64265	2.7912	3.23822	3.37386	2.95853
radius_1(4)	2.40204	2.97767	2.67896	4.10048	3.33173	2.54179	2.59897	3.06385
radius_1(4)	2.23505	2.45606	2.96985	3.60187	2.74492	3.26776	3.12659	2.90872
radius_1(4)	2.2737	2.45606	3.23822	4.18584	3.13959	2.04118	2.93701	2.43762
radius_1(4)	3.0769	2.48256	3	3.8926	3.15393	3.14923	3.29659	3.70435
radius_1(4)	2.25524	2.94128	3.07867	3.75859	2.49636	4.12473	2.72315	3.20839
radius_1(4)	2.19604	2.18454	2.80911	3.30273	2.69317	3.4843	2.95263	3.49899
radius_1(4)	2.1757	2.03491	2.96985	3.46264	3.03093	3.15232	3.05367	3.53808
radius_1(4)	2.92598	2.51907	2.95484	3.39587	2.94642	2.80096	2.94002	2.87328
radius_1(4)	3.21411	2.44988	2.33769	3.23657	2.47473	1.95538	2.93583	3.68199
radius_1(4)	3.15393	2.99196	3.18457	3.14279	3.23682	3.45138	3.06247	3.80287
radius_1(5)	3.0769	2.4249	2.35193	3.29838	2.14186	2.87236	2.99771	2.83007
radius_1(5)	2.69946	2.13708	2.85052	3.08682	2.85855	3.45744	2.40134	2.19651
radius_1(5)	2.10327	2.40513	3.32788	3.90384	2.54889	2.43927	2.98825	3.21358
radius_1(5)	2.72009	2.52088	2.44936	3.47083	2.96985	3.35751	3.27893	2.75366
radius_1(5)	2.52795	2.95583	2.62868	3.44548	3.18823	2.92929	2.56348	2.6001
radius_1(5)	2.47864	2.63292	2.00778	2.93748	2.84742	3.42035	2.20328	3.17649
radius_1(5)	2.76287	2.61384	2.84906	3.64489	2.51829	3.62017	3.15927	2.94226
radius_1(5)	2.70133	2.26544	3.17133	3.53515	2.90091	3.387	3.19943	3.39621
radius_1(5)	2.82259	2.22406	3.19348	2.94208	3.23822	3.27389	2.97784	3.11973
radius_1(5)	2.81752	1.78645	2.96985	3.08169	2.70055	4.07633	2.36547	2.26508
radius_1(6)	3.28186	2.68914	3.03287	3.07665	2.60154	4.00238	3.15458	2.82715
radius_1(6)	2.51395	2.05956	2.20362	3.52661	2.40142	3.23002	3.45474	1.96118
radius_1(6)	2.80688	2.15173	2.62541	3.41826	3.17474	3.33704	2.81141	3.0769
radius_1(6)	2.30224	1.93578	2.38549	3.94604	3.23822	3.26588	2.81977	2.96964
radius_1(6)	2.66762	2.2634	2.32883	3.46276	2.96985	3.36313	3.58875	2.88814
radius_1(6)	3.21014	2.21985	3.0675	3.23816	2.84768	3.25104	2.67163	2.61617
radius_1(6)	2.70858	2.39099	3.44134	3.27995	3.15393	2.98755	2.32214	2.63745
radius_1(6)	3.27209	2.19357	2.85307	2.96985	2.79377	2.6688	2.99658	2.02333
radius_1(6)	2.39258	2.23219	3.14209	3.40991	3.15393	2.48811	3.09552	1.95215
radius_1(6)	2.62494	2.98032	3.4443	3.24548	2.73568	2.91867	2.77629	2.4788
radius_1(7)	1.9991	2.5405	2.80044	4.19995	3.20001	3.41706	2.93155	2.05908
radius_1(7)	3.08234	2.62117	2.71423	3.26909	3.20001	3.60895	3.09151	2.68127
radius_1(7)	2.60374	3.04146	2.78928	2.95654	2.45364	3.21517	2.76427	2.14648
radius_1(7)	2.56848	2.13185	2.71026	3.6995	2.81255	3.5324	2.03619	2.78271
radius_1(7)	2.83135	2.69982	3.39212	2.316	3	2.13474	2.67096	1.52979
radius_1(7)	2.92566	2.97107	2.67101	2.25439	2.64294	4.16802	2.83406	2.55424
radius_1(7)	2.107	3.33569	3.53666	3.33076	3.27087	4.12042	2.47696	3.37259
radius_1(7)	2.99726	2.7312	3.53548	3.67513	3.23822	3.47757	2.77844	3.4978
radius_1(7)	2.21837	2.34138	2.76887	2.96985	2.96985	3.94647	2.26524	3.24924

radius_1(7)	2.43433	2.62732	2.82623	3.39917	2.70111	3.43919	2.45974	2.3374
radius_1(8)	2.22705	2.82178	2.98328	2.50854	3.02332	3.09873	2.94717	2.55528
radius_1(8)	2.46964	2.96985	2.98388	3.08289	3.20001	3.8492	2.76788	3.07968
radius_1(8)	2.33064	2.61074	3.19451	1.89534	2.36056	3.54805	2.95203	2.74569
radius_1(8)	2.31433	2.90393	3.16309	2.07552	2.70029	2.94347	2.99527	3.00014
radius_1(8)	2.21182	2.8446	2.78536	2.30772	3.4866	3.46612	1.96317	3.12395
radius_1(8)	2.81483	3.0769	2.8432	2.36905	3.08643	4.73626	2.89716	2.24777
radius_1(8)	2.66296	4.19189	3.14374	2.38459	3.23822	4.12415	1.65821	2.89489
radius_1(8)	2.98499	3.34875	2.67375	2.03455	2.903	0.535207	0.724014	2.74426
radius_1(8)	2.55513	3.40002	2.96985	2.38396	2.10477	4.47203	2.42428	3.32629
radius_1(8)	2.28516	2.50189	2.96985	2.6378	2.82838	3.49628	2.86139	2.55371
radius_1(9)	2.33118	2.96985	2.50281	2.75946	2.43396	4.07009	2.93444	2.96985
radius_1(9)	2.75402	3.49365	2.2146	2.54684	3.11206	3.02864	3.31843	1.80639
radius_1(9)	2.83972	1.96118	2.96985	3.08255	2.35064	4.05508	3.26597	2.22335
radius_1(9)	1.8293	2.29773	3.20001	2.77694	3.20154	4.26797	2.94055	2.95642
radius_1(9)	3.39282	3.22754	2.49136	2.2141	2.8194	3.3176	3.00525	2.16443
radius_1(9)	2.18556	3.31641	3.31564	2.97665	3.15393	2.95203	2.79565	2.16138
radius_1(9)	2.42337	2.26972	2.85837	3.44348	2.02015	3.10078	2.25122	2.67694
radius_1(9)	3.07102	2.83558	2.87655	3.23822	2.80214	3.0298	2.73461	2.90737
radius_1(9)	3.54827	3.10572	3.10089	2.45856	2.72981	3.39832	3.30301	2.12147
radius_1(9)	1.85859	2.91966	2.41132	3.10828	2.53525	3.67168	3.46455	2.31922
radius_1(10)	2.38062	3.01401	2.84924	3.17975	2.94458	3.96511	3.3438	2.60255
radius_1(10)	1.9054	3.13822	2.96985	2.79791	2.4974	3.32028	2.88163	2.27017
radius_1(10)	2.15155	3.21138	2.90264	2.90413	2.9161	3.51492	3.00191	2.80304
radius_1(10)	1.7226	2.96541	2.70471	3.37903	2.9141	3.57346	3.23829	2.80408
radius_1(10)	2.42519	3.59565	2.11323	3.23846	2.84198	3.47209	3.55091	2.30267
radius_1(10)	2.30145	2.53676	2.6365	3	2.96661	4.17288	2.92944	3.41325
radius_1(10)	2.41814	2.87737	1.72638	3.23621	3.36104	4.09998	2.17783	1.83923
radius_1(10)	2.1857	3.41237	2.54475	3.40033	3.4408	2.43332	2.95801	2.29005
radius_1(10)	2.58018	3.21176	2.61255	3.1377	2.8678	3.36874	2.82461	2.55019
radius_1(10)	2.84968	3.51825	3.70886	3.36725	2.73047	3.43765	2.90573	2.43891
radius_1(11)	2.63249	2.73476	2.09534	3.0849	3.19434	3.13526	2.95941	2.4947
radius_1(11)	2.79174	2.76334	3.1703	3.52358	3.04257	3.40491	2.83794	2.82834
radius_1(11)	2.8163	2.85942	2.59473	3.30732	2.63874	3.39406	2.33369	2.87073
radius_1(11)	2.48657	3.39758	3.23272	2.88233	2.49048	3.417	1.79822	3.12537
radius_1(11)	2.79153	3.12415	3.23224	3.5156	2.13035	4.16157	2.96985	2.73149
radius_1(11)	2.94448	3.04914	2.32511	3.27612	3.33204	4.46099	3	2.71576
radius_1(11)	3.13965	3.25244	2.82053	4.20774	2.60085	2.83963	3.23633	3.06274
radius_1(11)	3.23816	3.14441	3.11483	3.20001	2.51917	3.11601	3.10071	2.40369
radius_1(11)	2.88059	3.26135	2.97107	3.17395	3.33215	4.18176	2.96985	2.27155
radius_1(11)	3	2.69757	3.03931	3.23822	2.60974	3.63792	2.63977	2.73551
radius_1(11)	3.1239	3.27304	3.43239	3.00181	2.34509	2.0104	2.92944	2.51172
radius_1(11)	3.04578	3.13428	2.46814	3.2547	2.88403	4.25153	2.38952	3.1229
radius_1(11)	2.93494	3.02991	2.61983	3.39423	2.50781	4.02631	1.85962	3.03339
radius_1(11)	2.40503	3.21228	2.74578	2.67413	2.18176	3.51624	2.94092	3.7275
radius_1(11)	2.64124	3.22687	3.16214	3.07428	3.03467	4.34033	2.68999	2.5059
radius_1(11)	3.26514	3.19836	2.7522	2.47058	3.05994	4.35836	2.06748	2.77418
radius_1(11)	2.44739	3.16528	2.76567	3.36027	3.15393	2.2002	2.59121	3.50062
radius_1(11)	2.99158	2.4182	3.46693	3.43524	3.07629	0.116089	2.43081	2.97532
radius_1(11)	2.95626	3.13106	3.29937	2.71271	3.13013	2.70804	2.61061	2.73262

radius_1(1	1.79254	3.01807	2.90948	3.31043	2.95508	4.06733	2.56186	3.54127
radius_1(1	2.47764	2.70874	2.87569	3.43738	2.97412	4.01079	2.90676	3.4815
radius_1(1	2.3588	3.47579	3.29441	3.63001	2.81189	3.53057	2.91077	2.80376
radius_1(1	2.27637	1.96118	3.42307	3.29657	3.03598	3.2224	2.52478	3.53014
radius_1(1	1.89026	2.20981	2.63577	2.69524	2.4425	3.12043	2.16036	3.18591
radius_1(1	1.93184	2.2836	3.03339	3.06792	3.19995	3.29619	1.97691	3.0781
radius_1(1	2.0002	2.16603	3.52643	2.8661	2.06885	3.07401	3.792	3.48474
radius_1(1	2.68091	2.74763	2.30791	3.05065	3.22095	3.99731	2.6827	2.80246
radius_1(1	1.95654	2.43776	2.33685	3.0451	3.40906	3.23276	3.43668	2.74746
radius_1(1	2.7913	2.14774	2.49725	2.19629	3.25464	3.26346	2.33831	3.19515
radius_1(1	2.1709	1.92876	2.98772	2.86416	3.07007	3.49382	2.35576	3.43538
radius_1(1	2.2146	2.19495	3.0769	2.97772	2.20155	2.20322	1.92564	3.27913
radius_1(1	3.28088	2.21962	2.87469	2.88368	3.0769	2.828	2.23489	2.62886
radius_1(1	2.35579	2.35835	3.09009	2.14759	2.23853	3.51655	2.35627	3.45332
radius_1(1	3.19995	2.09351	2.31091	2.48877	2.42252	3.3754	2.30554	3.40349
radius_1(1	2.72112	2.32796	3.20001	2.6343	4.38513	2.23499	2.28664	2.82202
radius_1(1	3.14148	1.33637	3.22055	3.02467	2.57764	2.20474	2.4169	3.18574
radius_1(1	2.69983	2.19954	3.04871	2.28223	3.18774	4.05719	2.28966	3.49617
radius_1(1	2.90801	2.349	3.76246	3.34625	3.2368	3.66788	2.2186	3.39807
radius_1(1	2.44409	2.31003	2.96411	2.78643	2.94098	3.63528	2.17576	2.80101
radius_1(1	3.34826	2.26184	4.07129	2.90266	2.45508	4.0192	2.24982	2.72075
radius_1(1	2.92109	2.15359	4.14948	2.32733	2.99573	4.32687	1.39832	2.29767
radius_1(1	2.70094	2.22689	2.82513	2.80301	1.98718	3.71081	2.2027	3.84968
radius_1(1	2.80555	2.47177	2.07385	3.01845	3.8234	3.13959	2.68056	3.42358
radius_1(1	2.69541	2.16776	2.71908	3.1291	2.79654	3.6094	2.85895	2.72411
radius_1(1	3.03852	3.25708	3.90583	4.21622	1.66748	3.87517	2.94125	3.36989
radius_1(1	2.9497	3.18799	2.96527	3.97552	2.14372	3.07617	3.13959	3.18372
radius_1(1	2.85581	2.5548	2.85342	2.909		3.73749	2.76477	3.23193
radius_1(1	1.83471	3.21167	3.07698	2.99713		3.41553	2.81753	2.6791
radius_1(1	2.99234	3.14348	2.67015	3.53319		3.2591	2.52454	3.2528
radius_1(1	3.14636	2.83222	3.21295	3.5534		4.18851	2.30221	2.85268
radius_1(1	3.14409	3.12838	2.78729	2.89265		3.2597	2.25149	3.33161
radius_1(1	3	3.02652	2.83612	3.32341		3.23819	2.1061	3.00532
radius_1(1	2.7262	2.9867	3.27429	2.37634		3.35571	2.37009	2.81358
radius_1(1	2.11735	4.23315	3.40143	2.77249		2.94815	2.32831	3.52479
radius_1(1	2.87952	2.71751	3.16926	3.06416		3.50229	2.46821	2.82744
radius_1(1	3	3.15393	4.22949	2.90002		2.99091	2.33297	2.97102
radius_1(1	2.86987	3.05812	0.093438	3.00935		3.75867	2.33003	2.7365
radius_1(1	2.55872	3.06165	4.31544	2.03987	2.56714	3.41995	2.20665	3.10461
radius_1(1	2.58363	3.23816	1.45047	2.22889		4.47302	2.43372	3.52548
radius_1(1	2.94159	2.63745	1.98828	2.33487		3.03624	2.15137	2.83477
radius_1(1	2.83777	3.16717	2.18793	2.66865		3.62939	2.34056	3.51428
radius_1(1	2.92864	3.32742	2.40901	2.35878		3.17661	1.804	3.49026
radius_1(1	2.77137	4.08374	3.41284	2.21876	1.08875	4	2.36232	3.3317
radius_1(1	2.3146	2.89895	3.15942	2.50763	0.87561	3.20001	2.44287	3.25755
radius_1(1	2.24881	2.64259	3.12311	2.71807	2.4593	3.27551	2.23768	2.68553
radius_1(1	2.16357	2.87372	2.75588	2.5675	3.30137	3.06442	2.36042	2.87207
radius_1(1	2.00475	3.07576	3.37408	2.60455	4.04342	3.25684	2.70665	2.87207
radius_1(1	2.3478	4.15442	3.18453	2.18066	3.72168	3.02962	2.24744	3.42353
radius_1(1	2.25525	2.77246	3.40904	2.66986	3.349	3.3067	2.66064	3.37637

radius_1(1)	2.2021	2.68408	3.06799	2.4715	2.57495	3.9949	2.09741	2.8264
radius_2(0)	3.45487	3.72343	3.48016	3.00458	2.50491	4.19714	4.13462	2.96385
radius_2(1)	2.20004	3.90271	3.25409	3.0769	3.01173	4	4.06812	3.35621
radius_2(2)	2.65061	2.76467	2.82409	3.01337	3.0024	4.11597	3.43639	2.89193
radius_2(3)	2.80847	3.52259	3.70148	3.21173	3.49842	4.31458	2.94128	2.9041
radius_2(4)	2.84864	3.47392	4.04425	3.11328	2.64837	3.13481	3.27209	3.30055
radius_2(5)	2.31032	3.35764	3.17418	3.13466	3.08255	3.35517	3.13965	3.09131
radius_2(6)	2.39288	3.5301	3.19443	3.27407	3.34729	3.47424	3.29089	3.18018
radius_2(7)	2.90537	3.40002	2.60715	3.23865	3.35812	3.71598	3.10063	2.81203
radius_2(8)	2.45114	3.54097	3.46918	3.3363	3.41427	3.02222	3.12207	3.57194
radius_2(9)	2.5623	3.40002	3.82364	3.08539	3.24738	3.15393	3.19769	3.36382
radius_2(10)	2.32188	3.5301	3.38544	3.02966	3.00024	4.20001	3.04834	3.19044
radius_2(11)	3.13184	2.94928	3.23688	4.14868	2.87024	4.02686	2.84599	2.73003
radius_2(12)	2.58761	3.62629	3.32476	2.96985	3.51679	3.11047	2.9617	2.6554
radius_2(13)	3.07861	4.19244	2.75907	2.93158	3.12677	3.26436	3.08447	3.03554
radius_2(14)	2.94128	3.40986	3.11828	4	4.23999	2.96985	3.41892	2.73056
radius_2(15)	2.7428	3.52362	2.98919	3.63983	4.20001	4.17609	3.41111	3.20807
radius_2(16)	3.15613	3.50498	3.29113	3.97754	4.20001	4.15689	3.15368	3.50464
radius_2(17)	3.29141	3.42401	3.45241	3.18491	4.24402	3.20227	3.3194	3.71411
radius_2(18)	3	3.48653	4.13902	3.87797	3.07669	2.8692	3.43352	3.34241
radius_2(19)	3.25427	3.27866	3.23608	3.38828	3.4071	3.28521	3.4364	2.85706
radius_2(20)	3.0769	3.57809	4.44855	3.15393	3.4704	3.62183	3.57239	3.13525
radius_2(21)	3.00427	3.42505	3.23932	2.85333	3.14392	3.15406	3.23134	3.46871
radius_2(22)	3.02014	3.54775	3.28223	2.76037	3.13269	3.79527	3.7611	3.79099
radius_2(23)	3.35298	2.88775	3.57416	3.50867	2.98732	3.15558	2.85651	3.21765
radius_2(24)	3.20056	2.69533	3.17737	2.94165	3.13934	2.92902	3.34615	3.53193
radius_2(25)	3.0081	3.30791	4.26361	3.23969	3.0769	2.92114	3.00177	3.38064
radius_2(26)	3.47364	2.77324	2.96723	3.43634	3.05087	4.27954	3.8126	3.20898
radius_2(27)	3.51866	3.56677	3.89772	3.65894	3.32861	3.59119	2.92346	2.94128
radius_2(28)	3.3569	2.92944	3.0575	3.60333	2.96985	3.0152	3.20435	3.04879
radius_2(29)	3.39392	2.94128	3.3338	2.92918	3.14215	3.30835	3.00757	2.91055
radius_2(30)	2.87154	2.95203	4.01605	3.50148	3.11584	3.34016	4.03388	4.08357
radius_2(31)	2.92218	3.5461	3.80829	3.37587	3.15393	3.75397	3.17609	2.4951
radius_2(32)	2.92218	3.5461	3.80829	3.37587	3.15393	3.75397	3.17609	2.4951
radius_2(33)	2.78527	2.96985	2.94128	3.92635	3.23822	3.44604	3.59431	4.13872
radius_2(34)	3.12163	2.23655	3.13403	3.31676	2.85754	3.83844	3.11539	3.83197
radius_2(35)	2.87797	2.91199	3.82483	4.12915	3.539	3.23331	2.80279	3.55303
radius_2(36)	2.87282	2.28137	3.26129	4.22755	3.28296	3.18765	3.11926	3.75452
radius_2(37)	2.36162	3.23816	3.23834	3.85695	3.12524	4.06812	3.05986	3.50519
radius_2(38)	3	3.03296	3.14258	3.90366	2.96985	3.28787	3.35268	4.27061
radius_2(39)	3.23822	3.15125	3.15393	5.38281	3.12903	3.32274	3.16967	3.28754
radius_2(40)	2.96985	2.11751	2.89083	4.1166	3.20001	3.08791	3.54858	4.25781
radius_2(41)	3.23822	2.0675	3.36035	4.15915	2.94128	3.99744	3.09912	4.68103
radius_2(42)	3.30908	2.0675	3.2392	4.03251	3.22827	2.95203	3.25393	3.29303
radius_2(43)	3.12695	2.96985	3.21826	4.17238	4.25659	3.94736	3.71355	3.94348
radius_2(44)	2.87042	2.95203	3.13959	4.16253	3.2605	3.66809	2.94823	2.60628
radius_2(45)	1.95283	3.13969	3.12077	4.10026	3.17609	3.41763	3.04882	3.72749
radius_2(46)	3.01685	2.82974	2.93231	3.46849	3.08258	3.8196	3.20371	2.90735
radius_2(47)	3.07012	2.05877	3.55139	4.17324	3	3.35623	3.06541	2.94819
radius_2(48)	3.43078	2.70335	2.96301	4.16824	3.0769	3.55743	2.93235	4.15247

radius_2(4)	2.38381	2.92651	3.39948	3.53346	3.23981	3.19161	3.49945	3.70692
radius_2(5)	3.29483	3.08826	2.94128	3.5301	2.65479	3.09009	3.48668	3.10944
radius_2(5)	3.15393	2.31995	3.0769	3.53985	3.32654	3.11122	2.41243	3.0769
radius_2(5)	3.19531	3.15393	3.39013	4.07202	2.64293	3.62019	3.03356	4.29419
radius_2(5)	3.10181	2.54193	2.51422	3.36838	3.06775	3.01282	3.1135	3.63011
radius_2(5)	3.32605	2.78182	3.07046	3.74524	3.20001	3.80747	3.02314	4.18278
radius_2(5)	3.10934	2.32454	3.06433	3.53109	3.11855	3.64438	3.02605	3.12639
radius_2(5)	3.15505	2.95093	2.85605	4.16228	2.34996	3.75064	3.09494	3.37261
radius_2(5)	3.32423	2.4571	2.81234	3.24249	3.15393	3.51158	2.41524	3.80446
radius_2(5)	3.46419	2.84155	3.26209	3.9553	3.23822	3.05845	3.07687	3.6039
radius_2(5)	3.40909	2.06687	2.09409	2.98842	3.19916	3.3772	3.10049	3.65762
radius_2(6)	3.01217	2.55341	3.83924	3.38819	3.10962	3.95978	2.96683	3.06335
radius_2(6)	3.2689	2.31765	3.23485	3.78669	3.27567	4.05258	4.11828	2.16703
radius_2(6)	3.77463	2.40451	3.32275	3.40222	3.18292	4.22937	3.5835	2.38767
radius_2(6)	3.42907	2.157	3.0144	3.98061	3.79968	3.13535	4.1408	2.82618
radius_2(6)	3.23049	2.6198	2.99699	4.04985	1.67625	5.13849	4.1057	3.29499
radius_2(6)	3.49032	2.9655	3.6149	3.19995	2.96985	4.47011	4.45496	2.45939
radius_2(6)	2.89381	2.7384	3.48187	2.96143	3.15393	3.66763	3.27973	2.39245
radius_2(6)	3.59189	2.92562	3.34982	3.30933	3.0769	3.08856	3.26062	2.20872
radius_2(6)	3.02014	2.75195	3.28955	3.19886	3.27875	3.54232	2.75156	2.49878
radius_2(6)	2.86886	2.92097	3.50349	3.19189	2.63654	4.18877	2.95147	2.95583
radius_2(7)	3.23822	3.30947	3.23278	4.2417	3.23822	3.68744	2.38161	2.3526
radius_2(7)	3.42462	2.55082	4.10858	4.23938	3.23834	3.79967	2.47012	2.90423
radius_2(7)	3.40137	3.29631	3.51004	3.97559	3.17022	4.13848	3.30334	2.93559
radius_2(7)	3.31207	3.2046	3.54097	4.20658	3.16177	4.46571	3.23054	2.76518
radius_2(7)	3	2.53699	3.47864	3.18573	2.69171	5.09624	2.74335	3.06821
radius_2(7)	2.40772	2.66745	3.55004	4.19995	3.28632	4.89313	3.00226	3.96875
radius_2(7)	2.19461	2.7875	3.50708	4.25328	2.8454	3.53436	2.12467	3.10645
radius_2(7)	2.98785	2.79235	3.42703	4.25659	3.1543	4.25305	3.01584	3.37585
radius_2(7)	3.21221	2.94629	3.31696	2.9389	3.56299	3.16574	2.39756	2.93469
radius_2(7)	2.43746	2.61807	3.41063	4.01294	3.24695	4.15861	2.57591	2.97595
radius_2(8)	2.28084	3.20508	3.48241	5.05554	3.23822	3.34822	2.94125	2.90527
radius_2(8)	2.25023	3.29396	3.36401	4.25659	3.35516	3.99599	2.78595	3.48921
radius_2(8)	2.84871	2.96985	3.54261	1.93538	4.22937	4.49907	3.40991	2.92944
radius_2(8)	2.94379	3.10058	2.75684	3.24219	3.80127	2.79528	2.97757	3.25933
radius_2(8)	3.00646	3.90686	3.46252	3.15039	3.32331	4.1283	4.2424	3.12646
radius_2(8)	2.54389	3.31819	4.15762	1.95041	3.1637	5.58383	3.84775	3.97375
radius_2(8)	2.8113	2.9213	3.37939	2.32784	3.10126	3.88818	4.32188	3.08264
radius_2(8)	2.80085	3.56739	3.24378	3.54233	3.1355	3.76678	4.64663	3.55457
radius_2(8)	3.03149	4	3.03564	3.05945	3.09326	5.29941	4.37401	3.0986
radius_2(8)	1.73747	3.97559	3.78949	2.98474	3.13739	5.23815	4.06036	2.9078
radius_2(9)	2.42459	3.57336	3.44924	2.61604	3.23822	5.62537	3.25821	2.89139
radius_2(9)	2.8644	3.29749	3.23547	3.52027	3.23822	5.37148	4.03852	3.11768
radius_2(9)	2.40539	3.90479	3.90472	2.76447	3.28363	4.43989	3.70661	3.61523
radius_2(9)	2.9657	2.61438	3.37708	3.44858	3.20001	3.18868	2.627	3.71594
radius_2(9)	3.6626	3.55123	3	2.94385	2.96497	3.02903	3.08079	3.05818
radius_2(9)	3.75957	3.15161	4.23022	2.87953	3.12682	3.08244	3.20102	2.44348
radius_2(9)	3.34464	3.7368	3.0433	3.40094	2.96985	2.76843	3.17925	3.10971
radius_2(9)	3.24426	3.56669	3.53822	2.88654	3.13959	2.96022	3.43076	2.74556
radius_2(9)	3.14771	3.90195	4.06305	2.94128	2.91066	3.75187	3.06107	2.7062

radius_2(9)	3.17969	3.34788	2.88373	3.08076	2.36207	2.90782	3.82285	3.22065
radius_2(10)	3.15393	3.51355	4.11908	3.00339	3.15778	4.39265	2.96985	2.95614
radius_2(10)	3.25195	4.05146	3.81116	3.19507	3.13959	3.07335	3.97552	3.4597
radius_2(10)	3.99806	3.51392	4.09546	3.02327	2.94128	4.35586	3.70343	2.88913
radius_2(10)	4.68719	3.44993	5.19281	3.45077	2.45338	3.15364	3.75818	3.09449
radius_2(10)	3.41066	3.70818	3.69626	3.15393	3.1926	4.14786	4	2.71573
radius_2(10)	2.27726	4.36511	4.96387	2.79364	3.62268	4.45537	3.34973	2.6908
radius_2(10)	2.78341	4.02515	4.51184	3.24461	3.16418	5.19983	3.61574	2.87055
radius_2(10)	2.22576	4.31092	4.3028	3.80835	3.34725	5.5509	3.39893	2.72549
radius_2(10)	3.21506	3.86563	4.27511	3.23822	3.2423	4.55673	3.62882	2.99435
radius_2(10)	2.48715	4.10713	2.98828	4.41345	3.47222	3.5056	3.56695	2.87321
radius_2(10)	2.63413	4.21919	3.39215	4.10518	3.48509	3.36889	3.98565	2.94122
radius_2(10)	2.95233	3.52328	3.15161	3.40564	4.159	3.6365	2.83386	3.57954
radius_2(10)	2.09155	4.18895	3.43213	3.13959	3.93885	4.16182	3.12415	3.36198
radius_2(10)	3.17969	3.44791	3.25198	3.57617	3.26703	4.99601	2.96985	4.28333
radius_2(10)	3.3031	3.45611	2.76365	3.51897	3.20001	5.76973	2.9585	2.73837
radius_2(10)	2.9364	3.71627	3.00348	3.33544	3.90472	5.86212	2.96985	3.50744
radius_2(10)	3.15979	3.71677	3.08375	4.46551	3.20374	5.13794	3.15393	3.60099
radius_2(10)	2.41091	3.53519	2.86861	3.61214	3.25764	3.09629	4.07009	2.54686
radius_2(10)	3.08545	3.48115	3.00119	3.63303	3.28478	4.29396	2.96985	4.2638
radius_2(10)	3	3.4815	2.91569	3.31262	3.77425	6.81112	3.01758	3.42619
radius_2(10)	3.13562	3.70523	4.05347	3.71226	3.48691	5.42986	2.80371	4.45648
radius_2(10)	3.24438	3.91858	3.19592	4.02873	3.64727	3.63987	4.13453	3.80627
radius_2(10)	2.7757	3.3135	4.01228	4.19737	3.531	3.79276	3.40425	3.32924
radius_2(10)	3.10421	3.1698	5.13141	3.63647	3.53251	4.65297	3.22516	5.50745
radius_2(10)	2.88	3.24758	4.22568	3.34719	3.2334	4.17617	3.53749	5.31212
radius_2(10)	2.78507	2.94128	4.14843	3.6424	3.40775	5.80135	2.92419	3.29859
radius_2(10)	2.39606	3.42091	3.7789	3.35172	2.8993	5.71478	3.40798	3.96045
radius_2(10)	3.48108	3.51758	4.04413	3.03051	2.98413	5.007	4.02078	3.99408
radius_2(10)	3.23317	3.57324	4.07122	3.60272	3.06641	4.65191	3.28037	3.72101
radius_2(10)	2.83765	2.94128	3.26294	3.39764	3.0769	3.85376	4.00577	3.48526
radius_2(10)	3.42807	2.94128	3.29497	3.35979	3.4044	3.94421	3.32724	3.53575
radius_2(10)	2.77612	3.23816	3.17879	3.47411	4.07757	3.95818	4.41946	3.38439
radius_2(10)	2.9327	2.95959	3.70282	3.49833	3.63459	3.84924	4.43025	3.60312
radius_2(10)	3.12352	2.26911	3.52832	4.06757	2.95923	3.67368	4.36323	3.48957
radius_2(10)	2.40215	2.44202	3.38491	3.4231	4.45927	3.60172	4.26444	2.62999
radius_2(10)	3.35013	3.28271	3.38239	2.96393	3.03645	3.65786	2.92594	3.49817
radius_2(10)	3.49731	2.26611	3.12982	3.20001	2.78172	4.36513	3.18372	3.36309
radius_2(10)	2.448	2.3534	3.20911	3.41931	3.52185	3.90475	3.46533	2.51009
radius_2(10)	2.9526	2.7937	3.27758	3.23822	3.44219	3.90475	2.54457	3.56537
radius_2(10)	3.15687	2.28102	2.8494	2.99955	2.76614	4.28732	2.31488	3.43662
radius_2(14)	3.13965	2.83516	2.76343	4.16345	4.23297	3.97418	2.49183	3.5766
radius_2(14)	3.15393	2.83344	3.48616	3.20001	3.1207	3.22211	2.79138	3.81388
radius_2(14)	2.92456	2.78708	2.99477	3.14832	2.94128	2.96608	2.47923	2.7617
radius_2(14)	3.19995	2.26547	3.35706	3.23822	4.13866	4.57192	2.38357	3.40017
radius_2(14)	3.13965	2.79278	3.48206	3.17603	4.79532	5.93522	2.29273	3.49003
radius_2(14)	3.18384	2.07667	3.0881	2.51482	6.16622	4.6687	2.921	3.23563
radius_2(14)	3.14868	2.83845	2.96722	3.0769	6.12096	4.94667	3.05609	3.47853
radius_2(14)	3.45618	2.87495	4.25391	3.25214	6.3088	5.1413	2.25772	3.3819
radius_2(14)	3.22602	2.6392	2.17216	3.54617	3.58621	3.97385	2.23934	3.51498

radius_2(14	2.83257	1.86754	5.60631	3.41414	4.59138	4.46501	3.28561	3.39894
radius_2(15	3.3933	3.73959	6.10695	3.23822	5.62215	4.12476	3.28403	3.36023
radius_2(16	3.51395	2.98319	5.54138	3.27388	4.79321	4.2845	2.93231	3.81305
radius_2(17	3.5301	2.91932	3.85324	3.38675	4.14343	4.26736	3.07374	4.13289
radius_2(18	3.41553	3.06651	3.48955	3.15344	4.1145	4.27954	3.27844	2.77635
radius_2(19	3.52541	2.48437	3.94939	4.24817	3.64429	4.0072	3.18713	3.41204
radius_2(20	3.00072	2.90083	3.26041	3.88434	5.63057	3.98447	3.35779	3.46838
radius_2(21	2.82542	3.00586	4.0755	2.94214		4.11908	3.08772	3.99914
radius_2(22	2.94358	3	3.15393	3.55414		3.90475	3.81142	3.46898
radius_2(23	3.46015	2.87146	2.94128	3.46477		3.85919	3.05894	2.92922
radius_2(24	3.23938	3.19	3.3952	3.19629		3.70261	3.13345	3.09679
radius_2(25	3.54537	3.95898	3.74911	3.47188		3.43753	2.47807	2.76527
radius_2(26	2.96985	3.90088	2.86981	3.15956		4.11897	3.36584	2.74565
radius_2(27	2.94629	3.26453	3.8739	3.28211		3.95187	2.45821	3.01205
radius_2(28	2.96985	4.19629	3.71296	4.28894		3.97552	2.5955	3.11303
radius_2(29	3	3.19995	3.22614	3.35164		4.22937	2.84553	3.5339
radius_2(30	2.99419	2.96217	3.78283	3.1379		4.23682	2.75325	3.52867
radius_2(31	3.13574	3	4.26055	2.72217		4.55334	2.7701	3.5301
radius_2(32	3.13965	3.28137	4.00971	3.50649	3.76873	4.23279	2.97267	3.71627
radius_2(33	2.52584	3.41521	4.27622	2.96277		4.22937	2.53035	3.5301
radius_2(34	2.15463	3.26416	5.66417	3.20823		3.89629	3.24292	3.1254
radius_2(35	3.0769	3.24677	4.13643	3.48018		4.02719	2.25584	3.54097
radius_2(36	2.94128	3.67707	4.0732	2.92899		3.96841	2.31492	3.35837
radius_2(37	3.01037	3.64102	2.91174	2.53201	3.12177	3.98251	3.02407	3.35621
radius_2(38	2.45849	3.45405	3.57312	3.02797	3.70923	3.22627	2.30112	3.28482
radius_2(39	3.08789	3.11963	2.7157	2.99427	4.87135	3.83268	2.98281	3.50906
radius_2(40	2.85339	4.10971	3.84288	2.469	6.37821	3.67334	2.37408	3.34513
radius_2(41	2.21523	4.07654	3.87126	2.30589	6.33765	3.2685	2.80557	3.34513
radius_2(42	2.37024	3.42812	3.54102	3.1173	5.66151	3.51304	3.05146	3.2578
radius_2(43	2.74935	3.472	3.15979	3.1342	6.47559	3.50995	3.03335	3.46652
radius_2(44	2.79631	3.53977	3.47819	3.71942	3.60022	3.80827	2.48935	2.73267
radius_3(0)	2.22195	2.75389	3.67381	1.99492	3.72806	3.0696	2.92109	2.65027
radius_3(1)	2.53026	3.47416	2.83033	2.59186	3.52988	3.46228	2.47681	2.64673
radius_3(2)	2.62262	3.35164	2.91805	2.49138	3.16399	3.24042	2.69638	3.35284
radius_3(3)	3.01487	2.57245	3.16243	2.7176	3.0769	3.20001	2.97778	2.74605
radius_3(4)	2.11398	2.68419	2.51866	2.56007	2.39594	3.23822	2.7122	3.35569
radius_3(5)	2.37978	2.90696	3.07996	2.9857	3.06814	3.49124	3.05652	2.77837
radius_3(6)	2.50357	2.76685	3.39246	2.61475	3.21161	3.09542	3.12432	2.30023
radius_3(7)	2.68665	2.63568	3.04078	3.15393	2.52977	3.8641	2.81519	2.41443
radius_3(8)	2.71587	3.10329	3.1636	2.96985	2.63049	3.0276	3.50543	2.46722
radius_3(9)	2.34264	3.53125	3.22983	2.90508	2.49176	2.76516	2.92316	2.85553
radius_3(10)	2.25183	3.47848	2.89301	2.38702	2.96006	3.11613	2.32184	2.83716
radius_3(11)	2.3719	2.76598	3.24438	3.41174	2.63448	3.644	2.88179	2.97421
radius_3(12)	2.00014	3.34443	2.45532	2.7857	2.65157	3.0081	2.9488	3.15393
radius_3(13)	3.0769	2.51299	3.42804	2.76247	2.35266	3.52337	2.90458	3.24329
radius_3(14)	2.99584	3.1358	3.13959	2.09824	3.18842	2.96985	2.79138	3
radius_3(15)	2.62921	2.96985	2.82886	3.02273	2.39235	3.46454	2.65588	2.96985
radius_3(16)	2.22815	2.64186	3.17915	3.02393	3.02997	3.5907	2.68502	3.2448
radius_3(17)	2.06055	3.44525	3	3.15637	2.97748	2.63277	3.17957	2.58783
radius_3(18)	2.42065	3.4549	3.08496	2.96985	2.99541	3.0769	3.2699	3.40891

radius_3(1)	2.43038	3.18698	2.24542	3.15393	2.59991	3.14532	2.80347	3.19044
radius_3(2)	2.91345	3.45337	3.0769	2.98218	2.67755	3.18616	3.21643	3.27319
radius_3(2)	2.95508	3.15039	3.23822	2.95065	3.05615	3.23822	3.43958	3.39455
radius_3(2)	2.84912	3.18237	3.32738	2.72631	2.45612	3	3.00443	2.05888
radius_3(2)	2.87683	2.89441	3.07978	2.96985	2.59192	3.13959	2.91968	3.03857
radius_3(2)	3.32166	3.51135	2.87067	3.2533	2.96563	3.36407	3.19165	3.54291
radius_3(2)	3.08997	3.06537	3.19812	3.15393	2.53497	2.95203	2.92651	2.64526
radius_3(2)	3.11829	3.01435	2.5525	3	2.72638	3.44473	3.27411	2.07583
radius_3(2)	3.10974	3.07408	3.98755	3.20107	3.41089	3.17577	3.27234	3.21448
radius_3(2)	3.13442	2.58743	1.85187	3.23822	2.39197	2.69324	2.90572	2.19599
radius_3(2)	3.1516	2.58813	3.85852	2.94128	3.0769	2.96808	3.20483	3.66104
radius_3(3)	2.7958	2.6543	3.23218	3.04285	2.96985	2.88867	3.19998	2.67383
radius_3(3)	2.74945	2.74064	3.22009	2.80241	3.2392	3.87915	2.9138	1.72692
radius_3(3)	2.74945	2.74064	3.22009	2.80241	3.2392	3.87915	2.9138	1.72692
radius_3(3)	2.79468	2.97303	2.47082	3.54883	2.64147	3.52777	3.13213	2.58562
radius_3(3)	2.78251	3.22643	2.47932	3.30774	2.94794	3.23657	3.35498	2.71552
radius_3(3)	2.60538	2.16382	3.37598	3.76703	2.94739	2.94128	2.97935	2.93598
radius_3(3)	2.77429	2.15527	3.25604	2.88763	2.9516	3.0769	3.31089	2.19189
radius_3(3)	2.65613	2.84473	3.01392	3.12958	3.11914	3.51352	2.51658	2.76028
radius_3(3)	3.01288	3.0769	2.17084	3.82587	3.0769	2.82827	2.7662	1.89966
radius_3(3)	2.77888	2.78147	2.66701	4.48358	2.46649	3.56909	2.85195	1.52954
radius_3(4)	3.0769	3.22462	3.21075	3.41854	3.23822	3.42017	3.46337	1.85417
radius_3(4)	3.20001	2.96985	2.35913	3.47717	2.36444	4.03868	2.93303	2.66965
radius_3(4)	2.04401	2.96985	2.80725	3.44971	2.92102	2.9549	3.23022	3.25923
radius_3(4)	2.04266	2.96985	2.59161	3.43191	3.15393	3.25513	3.37024	2.13232
radius_3(4)	2.28591	2.28356	3.00447	3.49477	3.15857	3.1911	2.62519	2.82753
radius_3(4)	2.60362	3.0769	2.94128	3.09503	2.06262	3.10155	2.73267	3.1131
radius_3(4)	2.39136	2.96985	2.17035	3.08984	2.25476	3.65448	3.36853	2.23828
radius_3(4)	3.01447	2.52832	3.60852	3.81326	3.00275	3.26219	2.80432	2.82592
radius_3(4)	3.37854	2.25146	3.32037	3.53497	2.85432	2.8728	2.93909	2.38025
radius_3(4)	3.31818	2.77307	2.36145	3.33964	2.59438	3.13415	3.51722	2.93113
radius_3(5)	2.40724	2.91089	2.7154	2.90389	2.70361	2.92804	2.38994	2.64712
radius_3(5)	2.20207	2.1707	3.18329	3.30585	2.96985	3.47906	2.83343	2.11883
radius_3(5)	2.15759	2.51648	3.10181	3.34387	2.61466	3.43683	2.88513	3.16992
radius_3(5)	3.17712	3.0332	2.94952	3.38245	2.57043	3.96813	2.80234	2.98673
radius_3(5)	2.38928	2.94128	2.92401	3.81299	3.3277	2.6441	2.88611	2.17859
radius_3(5)	2.50552	2.787	2.536	3.22547	2.57776	3.09575	3.32419	2.68978
radius_3(5)	3.2024	2.73149	3.39392	3.39976	2.61755	3.2896	3.28671	3.20697
radius_3(5)	2.88505	2.1554	2.61494	3.01811	2.77777	3.25036	2.63766	3.55849
radius_3(5)	3.36432	2.4026	2.70825	3.80164	2.9226	3.12969	2.92831	3.20694
radius_3(5)	3.05622	2.26884	2.51323	3.31372	2.06958	3.13564	3.30551	3.55518
radius_3(6)	2.67025	2.67456	2.99932	2.71362	2.96393	3.19918	2.66466	2.96373
radius_3(6)	3.48098	2.43594	2.72748	3.3156	2.63629	2.56626	3.8985	2.22046
radius_3(6)	3.15691	3.24482	2.41522	3.00244	3.06429	3.68707	2.98364	2.59375
radius_3(6)	2.97257	2.27174	2.89301	3.5274	2.06329	3.69027	2.58594	2.45877
radius_3(6)	2.76329	3.00721	2.96985	3.61816	2.71185	3.95703	2.34126	2.84908
radius_3(6)	3.34064	2.23605	2.88708	3.11389	3.41187	3.15311	2.02078	1.94544
radius_3(6)	2.4849	2.30578	2.48145	3	3.32806	4.22937	2.96254	2.38086
radius_3(6)	2.4289	2.7611	2.75349	3.0769	3.24706	4.30182	2.9837	2.28806
radius_3(6)	3.19999	2.67642	2.8962	3.2395	3.20001	4.25137	2.20108	2.64624

radius_3(6)	2.97378	2.38433	2.27362	2.9611	2.3725	3.37319	2.75182	2.90137
radius_3(7)	2.98816	2.61588	2.42206	3.52148	2.77466	4.61203	3.52481	2.58786
radius_3(7)	3	2.2577	2.74861	3.25195	2.25598	3.98807	3.02591	2.45945
radius_3(7)	2.93145	3.021	2.453	2.97986	2.27795	3.82176	2.55677	2.41352
radius_3(7)	2.8141	3.01729	2.67084	3.93152	2.78687	3.39735	3.02614	3.33157
radius_3(7)	2.82507	2.83568	3.56976	3.16956	2.58875	3.72116	2.73504	3.26605
radius_3(7)	2.61777	2.30664	2.97817	2.94177	2.40137	2.66294	2.34238	2.78982
radius_3(7)	2.21379	2.87992	3.46101	3.38016	2.90399	3.25348	2.39143	2.59239
radius_3(7)	2.8185	2.91776	3.52715	3.21936	2.81256	3.08252	1.95847	2.96921
radius_3(7)	1.9389	2.01213	2.88078	2.78446	2.9455	3.02652	2.56065	2.4906
radius_3(7)	2.83749	1.90222	2.95179	3.69954	2.87946	3.05325	3.17976	2.36096
radius_3(8)	2.66468	2.32158	3.02553	4.06239	2.67462	3.16113	3.00207	2.07669
radius_3(8)	2.60189	3.07832	3.55802	3.18213	2.37891	3.30977	2.3601	2.6792
radius_3(8)	2.693	3.08203	3.41919	2.92802	3.19437	3.94642	2.64423	3.23584
radius_3(8)	2.67444	2.91553	3.5342	2.91442	3.25836	2.6139	4.0352	3.19447
radius_3(8)	2.39183	2.62731	3.15046	3.23816	2.94128	3.38903	3.44263	2.76926
radius_3(8)	2.25805	2.83913	3.09149	3.4408	3.01697	5.03684	3.28502	2.43298
radius_3(8)	2.12136	3.55846	3.05427	2.72217	2.88281	3.64898	3.49531	2.02905
radius_3(8)	2.67524	2.31794	3.08115	2.62134	2.35059	5.50207	3.33096	2.35352
radius_3(8)	2.37535	2.94179	3.0127	2.02227	2.05621	2.45691	2.39697	3.00232
radius_3(8)	2.34428	2.0559	3.2348	3.47974	2.60638	3.0257	2.45185	2.24048
radius_3(9)	2.40094	3.01941	3.48172	2.41684	2.66644	3.36807	3.02914	2.5271
radius_3(9)	2.31476	2.46072	3.23822	2.92181	2.59369	3.33425	2.32193	2.70619
radius_3(9)	2.3826	3.60062	2.96985	2.7797	2.54614	2.02222	3.0853	3.13599
radius_3(9)	2.96985	3.203	3.20001	2.9924	2.89459	3.18115	2.92871	2.80059
radius_3(9)	3.07663	2.94128	3	2.24752	2.91028	2.81647	2.77335	2.98237
radius_3(9)	2.19624	3.56938	3.23822	3.36159	2.66637	2.97022	2.41046	3.08301
radius_3(9)	2.45071	2.65999	2.85919	2.27121	2.23859	2.62101	3.15656	2.73853
radius_3(9)	3.03187	3.5427	2.95972	2.89707	2.59308	3.07702	2.95203	2.4989
radius_3(9)	3.09229	2.90161	2.69853	2.67596	3.24005	2.83986	2.9776	2.62446
radius_3(9)	2.25598	2.96869	3.45983	2.28229	2.68146	2.51875	2.2662	2.34678
radius_3(10)	3.00098	2.77173	3.21914	2.48408	3.0769	2.62623	2.98354	2.6626
radius_3(10)	3.43848	3.44122	3.07866	2.39941	2.77881	2.91278	1.96389	2.37852
radius_3(10)	2.54663	2.62146	4.20964	2.2724	3.13702	3.98016	2.60855	2.26115
radius_3(10)	3.60608	3.28918	2.55542	3.68768	2.2594	2.96887	3.17401	2.26271
radius_3(10)	2.10035	3.23291	3.20646	3.1508	3.26154	4.45943	3.6019	2.08236
radius_3(10)	3.78775	3.68433	3.40839	2.96985	3.17029	2.90896	2.91699	2.8861
radius_3(10)	2.87508	2.35449	2.82294	3.0979	2.1126	2.27911	3.6488	2.94841
radius_3(10)	2.52139	2.16833	3.06671	3.20001	2.36829	2.8248	2.93384	2.7718
radius_3(10)	2.4949	2.98853	3.27399	3.09717	2.90967	3.45352	3.42554	3.03058
radius_3(10)	2.29003	2.34255	2.4105	3.16971	2.68716	3.13127	3.35356	2.52156
radius_3(11)	1.74639	2.33072	2.93317	3.08716	3.17975	2.93509	2.53198	2.66582
radius_3(11)	2.46165	3.56686	2.24764	4.25403	3.36542	2.79437	2.96985	2.97852
radius_3(11)	2.12562	3.18617	2.83065	3.13953	2.96987	3.17484	2.7854	3.34296
radius_3(11)	2.20222	3.17871	2.87491	3.17975	3.2853	4.00828	2.09595	3.44482
radius_3(11)	2.68812	3.0824	2.38173	4.01485	3.21785	3.95581	2.22591	2.03748
radius_3(11)	2.64417	2.94202	2.4444	3.35913	3.30655	3.46506	1.94259	3.878
radius_3(11)	2.69235	2.35925	2.5018	3.78994	2.7912	3.11334	3.03833	2.48282
radius_3(11)	3.15393	3.2027	2.27808	3.23602	2.99774	3.53345	2.64411	2.60392
radius_3(11)	1.93164	2.77724	2.98932	3.36218	1.95184	4.40754	4.18677	2.6364

radius_3(1	3.27771	2.83715	4.02029	3.82846	2.24274	4.85266	3.62901	2.76839
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radius_3(1	3.44189	2.94157	3.94788	3.07272	2.87915	3.51814	3.37049	3.15393
radius_3(1	3.31616	3.54123	2.08731	3.04039	3.18855	4.24072	3.1539	2.47943
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radius_3(1	2.32037	3.00857	2.48322	3.49738	3.02929	2.24733	3.07669	2.95881
radius_3(1	2.51663	2.98933	3.23822	3.32288	3.7742	2.84253	3	2.74915
radius_3(1	2.91638	2.9163	3.20001	3.83357	3.54006	3.40695	3.23077	2.89938
radius_3(1	2.24469	2.96997	3.20001	3.17558	2.80873	3.4624	2.96985	3.25049
radius_3(1	3.28992	2.24448	3.23382	3.5443	3.54276	3.07959	2.58899	3.42332
radius_3(1	2.48185	2.32272	3.38693	3.13213	2.84192	3.17503	2.85748	2.74622
radius_3(1	3.16239	3.1897	2.78015	3.50843	3.28906	2.68879	1.77961	3.32583
radius_3(1	2.94694	1.82104	4.1076	3.44347	3.50498	3.09774	2.89314	3.35889
radius_3(1	2.64771	2.96985	3.25549	3.52841	2.90495	3.08278	2.3064	2.91901
radius_3(1	1.96118	2.96985	2.86975	2.81021	2.98043	3.45694	2.45007	2.97694
radius_3(1	2.672	2.51843	3.48724	3.42434	3.51241	4	2.3011	3.51112
radius_3(1	2.66858	2.17456	2.96985	3.27669	2.71551	3.7861	2.43922	3.38595
radius_3(1	2.17944	2.33175	3.59811	3.51482	3.2644	4.14092	2.94116	2.94404
radius_3(1	2.96985	2.12134	3.32593	3.20001	3.17141	3.40042	2.96374	3.17761
radius_3(1	2.14746	2.28479	3	3.39678	3.11314	3.84984	2.66898	3.17822
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radius_3(1	3.23816	2.59848	2.44818	3.256	2.9273	2.78418	2.19018	2.94179
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radius_3(1	3.00279	2.21929	3.4754	2.96466	2.80463	2.87634	3.08069	2.69783
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radius_3(1	2.85311	2.23011	3.15393	2.03674	3.44775	0.24585	2.33651	2.85571
radius_3(1	2.65678	2.41319	3.23822	3.32391	3.24103	2.79755	2.65219	3.18136
radius_3(1	3.27734	2.31941	2.86237	2.6615	3.12201	3.38197	3.02393	2.73641
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radius_3(1	3.43903	2.99157	3.50931	3.20502	3.67161	4.07006	1.59174	3.60149
radius_3(1	2.70752	2.698	3.71575	2.78088	2.15991	3.18022	2.75266	3.46158
radius_3(1	3.57324	2.53079	3.18005	2.19238	3.14996	3.19938	2.60942	2.91111
radius_3(1	2.64429	2.46681	2.94608	2.30346	3.55795	3.61247	2.94381	3.14343
radius_3(1	2.80374	2.24458	3.90631	3.6373	2.78967	2.85449	3.17188	2.97439
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radius_3(1	3.25673	2.53849	2.94409	2.95613		3.77545	2.90594	3.37835
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radius_3(1	2.63547	3	3.31383	2.9306		4.24817	2.67929	3.34193
radius_3(1	3.23548	3.07617	2.96985	2.15253		3.80173	3.24372	3.01289
radius_3(1	2.91241	3.0769	3.27935	2.60754		2.98364	2.19914	2.84904
radius_3(1	2.5415	2.49225	3.20001	3.1369		3.53784	2.27475	2.84079
radius_3(1	2.86468	2.85718	3.01007	2.76783		3.6188	2.20591	3.32583
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radius_3(1	3.0769	2.34911	3.678	3.4826		3.04239	2.11523	3.02286
radius_3(1	3.2373	2.96985	2.33027	3.51825	3.25964	3.35089	3.01373	3.12433
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right_bend	0	0	0	1	1	0	0	0
right_bend	0	0	0	0	1	0	0	0
right_bend	0	1	0	0	1	0	0	0
right_bend	0	1	0	0	1	0	0	1
mov_direction(0)								
mov_direct	228.19	180	180	270	60	180	180	
mov_direct	180	120	120	270		180	180	
mov_direct	180	180	70.5288	180	90	180	180	
mov_direct	180	90	180	240	70.5288	180	180	90
mov_direct	180	180	180	250.529	90	180	180	
mov_direct	228.19	180	180	270	60	180	180	180
mov_direct	240	180	70.5288	240	90	180	180	180
mov_direct	228.19	180	180	270	90	180	180	
mov_direct	240	180	120	240	70.5288	180	180	90
mov_direct	180	120	90	270	90	180	180	
mov_direct	180	180	90	270	90	180	180	180
mov_direct	270	180	180	270	70.5288	180	180	180
mov_direct	255.522	180	180	270	90	180	180	180
mov_direct	270	60	180	180	75.5225	180	180	
mov_direct	250.529	180	70.5288	270	90	180	180	
mov_direct	270	180	90	270	90	180	180	
mov_direct	284.478	180	120	300	90	180	180	
mov_direct	240	180	90	180	70.5288	180	180	180
mov_direct	284.478	90	180	311.81	90	180	180	180
mov_direct	250.529	180	120	180	70.5288	180	180	180
mov_direction(21)								
mov_direct	300	180	60	300	90	180	180	270
mov_direct	300	180	60	240	90	180	180	90
mov_direct	311.81	180	90	300	90	180	180	180
mov_direct	270	120	109.471	180	180	180	180	
mov_direct	300	180	180	180	70.5288	180	180	289.471
mov_direct	300	180	180	240	90	180	180	180
mov_direct	300	180	180	180	90	180	180	180
mov_direct	180	180	180	270	90	180	180	180
mov_direct	180	180	180	300	90	180	180	180
mov_direct	180	180	180	300	90	180	180	90
mov_direct	180	180	90	300	90	180	180	90
mov_direction(32)								
mov_direct	180	180	180	270	60	180	180	270
mov_direct	180	180	180	300	90	180	180	120
mov_direction(35)								
mov_direct	60	180	70.5288	270	90	180	180	270
mov_direct	180	180	90	180	90	180	180	180
mov_direct	270	180	60	270	90	180	180	180

mov_direct	180	180	90	180	90	180	180	90
mov_direct	180	180	70.5288	180	90	180	180	180
mov_direct	180	180	180	180	90	180	180	180
mov_direct	180		90	180	70.5288	180	180	90
mov_direct	180	180	70.5288	180	90	180	180	180
mov_direct	180	180	180	180	60	300	180	180
mov_direct	180	180	90	180	70.5288	180	270	255.522
mov_direct	180	180	90	180	90	180	180	180
mov_direct	180	180	180	180	75.5225	300	180	180
mov_direct	180	180	120	240	90	104.478		318.59
mov_direct	90	180	48.1897	180	90	120	180	180
mov_direct	70.5288	180	180	180	60	180	270	180
mov_direct	60	180	90	180	60	180	270	180
mov_direct	90	180	180	180	78.463	180		306.87
mov_direct	90	180	60	180	75.5225	180	300	270
mov_direct	90	180	60	180	90	180	270	
mov_direct	109.471	180	90	270	70.5288	41.4096	270	
mov_direct	109.471	180	180	180	90	180	270	
mov_direct	131.81	180	120	300	75.5225	41.4096	180	180
mov_direct	138.59	240	90	180	90	75.5225	300	240
mov_direct	180	270	120	180	75.5225	180	270	180
mov_direct	120	180	180	180	70.5288	60	180	311.81
mov_direct	180	180	180	180	120	90	180	255.522
mov_direct	180	180	180	180	75.5225	48.1897	180	180
mov_direct	180	180	60	180	70.5288	109.471	60	180
mov_direct	180	228.19	180	311.81	90	180	180	180
mov_direct	180	180	180	180	90	180	90	180
mov_direct	180	221.41	180	180	90	180	60	180
mov_direct	180	180	180	180	180		90	180
mov_direct	180	258.463	180	180	60	180	90	
mov_direct	180	180		180	90	60	90	180
mov_direct	180	221.41	180	180	90	41.4096	180	90
mov_direct	180	270	120	286.602	90	180	90	240
mov_direct	180	221.41	180	270	90	70.5288	180	180
mov_direct	180	300	180	180	120	180	90	180
mov_direct	180	270	120	64.6231	70.5288	255.522	180	90
mov_direct	180	240	180	180	90	180	180	120
mov_direct	180	228.19	131.81	48.1897	90	180	90	270
mov_direct	180	270	180	48.1897	109.471	300	90	180
mov_direct	180	180	120	180	90		60	
mov_direct	221.41	250.529	180	180	90		90	180
mov_direct	180	270	120	180	90	180	270	180
mov_direct	180	270	109.471	250.529	109.471	300	180	
mov_direct	180	228.19	180	90	90	180	180	90
mov_direct	240	270	120	180	104.478	180	240	90
mov_direct	228.19	240	131.81		90		180	180
mov_direct	270	270	109.471	180	90	180	180	270
mov_direct	180	240	90	180	90	53.1301	180	180
mov_direct	250.529	289.471	109.471	180	90	180	180	180
mov_direct	228.19	270	109.471	60	90	180		180

mov_direct	180	270	90	180	90	180	180	120
mov_direct	240	255.522	120	70.5288	90	41.4096	270	
mov_direct	180	270	90	180	90	90	270	60
mov_direct	180	284.478	90	180	90	180	270	180
mov_direct	228.19	270	104.478	60	70.5288	180	270	311.81
mov_direct	270	270	180	60	90	180	180	180
mov_direct	289.471	311.81	70.5288	60	70.5288	180	270	270
mov_direct	240	270	180	90	90	180	270	180
mov_direct	284.478	300	90	70.5288	70.5288	180	270	180
mov_direct	90	300	180	180	90	180	270	180
mov_direct	180	270	180	120	90	180	270	180
mov_direct	300	270	60	180	90	180		180
mov_direct	131.81		90	90	90	180	270	270
mov_direct	180	180	180	90	180	180	270	180
mov_direct	180		318.59	90		180	270	270
mov_direct	60	90	289.471	70.5288		270	90	180
mov_direct	180	180	270	90		180	180	120
mov_direct	180	180	240	109.471	180	289.471	180	90
mov_direct	180	180	180	60	180	300	90	180
mov_direct	180	180	240	90	180	303.749		270
mov_direct	41.4096	180	180	120	180	270	180	180
mov_direct	180	180		90	120	180	90	
mov_direct	48.1897	120	180	120	180	180	180	131.81
mov_direct	60	180	270	120	180		180	318.59
mov_direct	60	120	180	180	90	180	180	180
mov_direct	60	180	180	90	90	180		180
mov_direct	70.5288	180	180	180	289.471	180	180	180
mov_direct	70.5288	180	180	60		180		180
mov_direct	90	120	270	180	240	180	180	180
mov_direct	90	180	180	90	180	180	180	180
mov_direct	70.5288	120	104.478	180	180	143.13	293.578	270
mov_direct	90	180	90	180	180	180	270	
mov_direct	109.471	180	270	120	180	180	270	270
mov_direct	90	180	180	109.471	180	180	300	270
mov_direct	101.537	180	180	90	180	113.578	180	70.5288
mov_direct	90	180	180	180	180	109.471	180	
mov_direct	104.478	180	180	90	180	90	270	180
mov_direct	90	180	270	180	180	60	270	300
mov_direct	120	180	270	90	180		270	180
mov_direction(128)		180	270	180	180	300	270	240
mov_direct	180	180	180	120	180	270		180
mov_direct	180			120	180		120	300
mov_direct	90	180	180	60	180	270	180	300
mov_direct	75.5225	180	270	180	180	270	180	180
mov_direct	60	180	300	180	180	289.471	180	180
mov_direct	60	180	270	90	180	270	180	180
mov_direct	90	180	300	109.471	180	180	180	
mov_direct	60	180	289.471	90	180	180	90	
mov_direct	75.5225	180	270	90	180	289.471	180	180
mov_direct	75.5225	180	270	90		270	180	270

mov_direct	90	180	300	60	180	180	180	
mov_direct	90	221.41	270	180	180	180	180	180
mov_direct	60	270	289.471	70.5288	180	180	180	
mov_direct	131.81	180	270	90	180	180	180	180
mov_direct	90	270	270	90	90	180	180	180
mov_direct	90	180	311.81	60	66.4218	90	60	284.478
mov_direct	104.478	180	180	90	36.8699	180		270
mov_direct	104.478	228.19	300	70.5288	180	90	180	90
mov_direct	90	180	240	60	180	90	180	180
mov_direct	131.81	228.19	180	90	180	90		270
mov_direct	131.81	180	41.4096	90	270	90	180	180
mov_direct	109.471	180	60	70.5288	180	120	180	180
mov_direct	131.81	180	70.5288	75.5225	326.443	90	180	
mov_direct	138.59	284.478	70.5288	90	180	60	180	60
mov_direct	120		90	60	180	90	180	270
mov_direct	180	270	90	70.5288	180	120	180	180
mov_direct	180	180	109.471	180	55.7711	75.5225		180
mov_direct	180	180	60	180		120	180	180
mov_direct	180	289.471	90	90		70.5288	180	270
mov_direct	180	240	90	255.522		75.5225	180	
mov_direct	180	270	90	180		180	180	180
mov_direct	180	270	90	180		90	180	180
mov_direct	180	270	90	180		120	180	
mov_direct	180	289.471	120	240		180	90	300
mov_direct	180	240	109.471	180		90	180	270
mov_direct	180	300	90	180		180	90	180
mov_direct	180	270	180	270		90	180	270
mov_direct	180	270	255.522	180		70.5288	180	180
mov_direct	180	289.471	250.529	240		90	180	270
mov_direct	180	270	270	180		90	180	180
mov_direct	180	270	180	270		70.5288	60	270
mov_direct	180	289.471	300	180		104.478	180	270
mov_direct	180	270	180	240		90	90	180
mov_direct	180	289.471	300	240		90	180	289.471
mov_direct	180	180	300		180	90	90	180
mov_direct	180	289.471	289.471	228.19	180	60	180	270
mov_direct	180	318.59	289.471		180	70.5288	180	180
mov_direct	221.41	240	180	180	212.204	60	180	
mov_direct	180	180	180	240	212.204	70.5288	180	240
mov_direct	180	60	311.81	180	228.19	75.5225	180	180
mov_direct	221.41	90	318.59	250.529	248.676	70.5288	60	270
velocity(0)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
velocity(1)	3.16228	2.23607	0	1	2.23607	4.12311	1.41421	0
velocity(2)	3.16228	2.82843	3.16228	0	1	7.28011	2.23607	1
velocity(3)	3.16228	0	2	2	2.82843	3.16228	1	2
velocity(4)	3.16228	3.60555	2	3	2.23607	4	4.47214	2
velocity(5)	2.23607	2.23607	5.09902	1.41421	2.23607	5.09902	0	3
velocity(6)	3.60555	3.60555	1	2.23607	2	1	2.23607	1.41421
velocity(7)	2.23607	2.23607	6.40312	2.82843	2.82843	4.12311	0	3.16228
velocity(8)	2.23607	4.12311	3.16228	1	2.82843	2	2.82843	4.24264

velocity(9)	2.82843	2.82843	2.23607	4	5	4	2.82843	1
velocity(10)	1.41421	5.09902	2	0	4	4.47214	1	0
velocity(11)	1.41421	3.16228	1	2.23607	2	4.47214	3	2.23607
velocity(12)	2.82843	1	1.41421	2	2.23607	4.47214	2.23607	3.60555
velocity(13)	4.12311	4.12311	2	1.41421	5.38516	4	2.23607	1
velocity(14)	2	1.41421	2.23607	1	4.47214	3	1.41421	3
velocity(15)	4.47214	0	2	2	1.41421	5.38516	3.16228	2
velocity(16)	2.23607	2.23607	2.23607	3	3	4.12311	0	1
velocity(17)	4.47214	2	3.60555	4.47214	0	2.82843	2.82843	5.83095
velocity(18)	2.23607	2.82843	2.23607	1.41421	4.12311	5	3.60555	2.23607
velocity(19)	2.82843	1	2.23607	2.82843	1	4.47214	1	5
velocity(20)	6.08276	2.82843	2.23607	2.23607	4.47214	2.23607	4.12311	2.23607
velocity(21)	2	0	1.41421	2.82843	4	4.12311	0	7
velocity(22)	1	3.60555	4.12311	3.60555	2	2	2.23607	10.8167
velocity(23)	4.12311	2.23607	2	2.82843	10.8167	4	0	2
velocity(24)	2.23607	2.23607	4.12311	2.82843	7.07107	2.23607	2.23607	3.60555
velocity(25)	4.12311	3	2.23607	3.16228	1	3.16228	3.60555	14.0357
velocity(26)	4.47214	2.23607	2	1.41421	2	6.32456	4.12311	4.47214
velocity(27)	2	4.12311	5.38516	2.82843	4.47214	2.23607	1	3.60555
velocity(28)	2	1.41421	1	2.82843	1	6	3.16228	2.82843
velocity(29)	4	3.16228	4	4.12311	4.47214	3	1	17.4929
velocity(30)	2	0	3.60555	1	2.23607	3.16228	2	3
velocity(31)	2.82843	3.60555	2.23607	1	4.47214	4	3.60555	1.41421
velocity(32)	0	0	0	0	0	0	0	0
velocity(33)	2.82843	2.23607	2.23607	4.12311	2.82843	2.23607	2	1.41421
velocity(34)	5	1	5.38516	2.23607	5	4	2.23607	7.2111
velocity(35)	1.41421	1.41421	1.41421	2.23607	4.12311	2.23607	1	3
velocity(36)	2.23607	1	5.38516	2	1	5	2.23607	6.32456
velocity(37)	1	3	1	2.23607	2.23607	0	5	8.06226
velocity(38)	0	7.07107	2.23607	3.60555	2.23607	4.12311	2	19.4165
velocity(39)	4.47214	2	2.23607	6.32456	2	2.23607	2	2
velocity(40)	2	2	5	2.82843	2.23607	2	3.16228	2.82843
velocity(41)	3.60555	0	3.60555	2.82843	2	4.12311	2.23607	1
velocity(42)	3.16228	0	0	4.12311	4.47214	2.82843	2.23607	5.65685
velocity(43)	1	4	5.09902	11.1803	4	5.09902	4.12311	5.38516
velocity(44)	4	4.47214	2.23607	1.41421	0	3.16228	0	6.32456
velocity(45)	4	5	6.32456	2.23607	5	1.41421	0	19.4165
velocity(46)	2.82843	1	3.16228	0	2.82843	5.38516	2	3.60555
velocity(47)	1	4	3.60555	3.60555	4.12311	1	2.23607	3.16228
velocity(48)	1.41421	1	2	5	2	2.23607	0	7.07107
velocity(49)	0	4.12311	5	3	2.23607	2.23607	21.6333	10.198
velocity(50)	2.23607	2	2.23607	2	3.16228	2.23607	20.8087	8.94427
velocity(51)	3	4	3.16228	1	2.23607	3	2	2
velocity(52)	2.23607	2	2	2.82843	6.08276	1.41421	1	8.544
velocity(53)	2.82843	2.82843	2	0	2.23607	4.47214	4.12311	18.0278
velocity(54)	2.82843	4	2.23607	3.60555	6.7082	2	1	2.82843
velocity(55)	6.40312	3.16228	3.60555	3.16228	2	5	2.82843	6.32456
velocity(56)	2.23607	3.16228	2.82843	3.16228	2.23607	5.09902	2	4.47214
velocity(57)	2.23607	2	2.82843	2.23607	4	3.16228	0	2
velocity(58)	4	3.16228	3.16228	2.23607	0	5.83095	2.82843	16.4012

velocity(59)	4.47214	1.41421	4.24264	2.82843	5	3	1	0
velocity(60)	1	3.60555	2.23607	2.82843	4.47214	4	2.23607	2.23607
velocity(61)	6	3.60555	6	3.16228	2.23607	4.47214	20.6155	4.47214
velocity(62)	4.12311	4.24264	1	1.41421	4.12311	10.198	16.9706	2.23607
velocity(63)	4	0	2.82843	2.82843	2.82843	2.82843	4.47214	1
velocity(64)	5.38516	4.12311	1	1	3.60555	2	5.38516	4.12311
velocity(65)	3.60555	2.82843	4.47214	4.47214	4.12311	1	2.23607	2
velocity(66)	2.23607	3.60555	1	3	2.82843	3	5.09902	2.23607
velocity(67)	3.60555	1.41421	1	2.23607	2.23607	0	2.23607	1
velocity(68)	5	4.47214	23.2594	2.23607	4.47214	0	4.12311	1
velocity(69)	2	0	22.8473	2	2.23607	3.60555	2	2
velocity(70)	7.2111	4.24264	3	2.82843	2.82843	6.7082	0	2.23607
velocity(71)	4	1.41421	2	8.24621	4.12311	8.94427	2	0
velocity(72)	2.23607	2.23607	3.16228	2	1	7.2111	1	0
velocity(73)	3	2.23607	3.16228	3	3.16228	4.12311	2.23607	24.4131
velocity(74)	5	3.16228	4	11.4018	2.82843	1.41421	1.41421	21.0238
velocity(75)	4.24264	1.41421	3	1.41421	4.12311	1.41421	2	4.47214
velocity(76)	3	5	3.60555	2.23607	3.16228	1	3.16228	0
velocity(77)	2.23607	1	2.82843	8.06226	2	2.23607	3.60555	2.23607
velocity(78)	2	4.24264	2	3	2.23607	0	3.60555	5
velocity(79)	4.12311	1	3.60555	2.23607	2.23607	1	1.41421	4.47214
velocity(80)	3	5	3	9.21954	4	1	2.23607	2.23607
velocity(81)	2.23607	3.16228	2.82843	9.43398	2.23607	3	6.40312	0
velocity(82)	8	5	3.16228	1	4.47214	2.23607	9.05539	2.82843
velocity(83)	1	3.60555	2.23607	0	2.23607	2.23607	12.0416	5.38516
velocity(84)	3.60555	2.82843	4	3.16228	3.16228	0	8.06226	4.47214
velocity(85)	1	4.12311	4.47214	2	3.16228	2.23607	4.47214	3.60555
velocity(86)	1	2.23607	3.60555	2.23607	2	29.2746	2.82843	5
velocity(87)	2.82843	4.24264	2.82843	1.41421	4.12311	21	2	2.23607
velocity(88)	3.60555	4.12311	5	0	4	2	3.60555	1
velocity(89)	2.82843	2.23607	2	2.82843	2.23607	5.65685	1	2.23607
velocity(90)	4.47214	5	2.23607	3.16228	4	18.3848	3	2.23607
velocity(91)	1.41421	2	4.47214	1.41421	2	19.7231	5	5
velocity(92)	1.41421	5	2	1	4	2	2.23607	3.16228
velocity(93)	3.60555	3.60555	5	5	2	5.38516	2.82843	20.2485
velocity(94)	1.41421	5	3	0	2.23607	3.16228	3.60555	3.16228
velocity(95)	6.40312	3.60555	2	2.23607	4	2.82843	2.23607	1.41421
velocity(96)	2.82843	4.47214	1.41421	0	2.82843	1.41421	2	4.47214
velocity(97)	3.16228	5.83095	1.41421	5.65685	2.23607	1.41421	2	24.2074
velocity(98)	2.23607	2.23607	25.4951	1	4	1	2	7.81025
velocity(99)	0	4	4.12311	2	0	2.23607	2	0
velocity(10)	2.82843	1	5.65685	2.82843	4.12311	4.24264	1	4.47214
velocity(10)	3.16228	2.82843	1	2	2.23607	3.16228	3	1.41421
velocity(10)	1	7.2111	4.12311	2	2.23607	2	1.41421	3.16228
velocity(10)	2.82843	1.41421	15.5242	2.82843	3	3.60555	1	2
velocity(10)	0	0	19.2354	4	1	1	1.41421	1.41421
velocity(10)	1	1.41421	7.2111	3	2	5.65685	17.0294	3.60555
velocity(10)	4.47214	3	7.28011	5	2.82843	12.7279	4	1
velocity(10)	1.41421	1	3.60555	4.47214	2.23607	3.60555	4.12311	1
velocity(10)	2	0	2.23607	2	2.82843	19.799	1.41421	4.47214

velocity(10	3	4	1.41421	2	2	7	2.82843	1
velocity(11	4	2	2	2.23607	2	5.83095	2	0
velocity(11	3.60555	2.82843	4	3.60555	2	4.47214	2.23607	2
velocity(11	2.23607	2.23607	3.16228	3.60555	0	2	2	23.7697
velocity(11	3.60555	1.41421	5.38516	2	1.41421	5.65685	2.23607	4
velocity(11	4.47214	2	2.82843	2	0	20.0998	2.82843	5.38516
velocity(11	1	2	2.82843	2.23607	1.41421	4	1	2.82843
velocity(11	4.24264	1	3.60555	2.23607	2	7.28011	0	4.47214
velocity(11	5	1.41421	5.09902	6.40312	1	10.8167	7.81025	2.23607
velocity(11	2.23607	2.23607	1	0	2	3	2	21.3776
velocity(11	4.47214	2.82843	9.21954	1	2.23607	2	22.4722	4
velocity(12	3	2	11.1803	4.24264	1	20.6155	5.65685	2.82843
velocity(12	3.16228	3	6.40312	2	1	4.47214	2	3.60555
velocity(12	4	4.12311	4.12311	3.16228	4.47214	1.41421	2.82843	2.82843
velocity(12	6	1	22.8035	3.16228	2.82843	2	2.82843	13.0384
velocity(12	0	2.23607	14.5602	3.16228	2.82843	3	1	4.12311
velocity(12	6.32456	2.82843	22.3607	3.16228	2.23607	9.21954	2.23607	4.12311
velocity(12	2	2.23607	23.4094	2.23607	3.60555	1	2.23607	19.2354
velocity(12	4.47214	2.23607	1.41421	2.23607	2	1	2.23607	1.41421
velocity(12	0	2.82843	0	3.16228	1.41421	0	2.23607	2.23607
velocity(12	2	3.60555	2.82843	3.16228	2.82843	3.60555	2.82843	4.12311
velocity(13	5.65685	3.16228	0	1.41421	0	2	7.2111	2.23607
velocity(13	4.47214	2.23607	2	7.07107	4	0	22.4722	2
velocity(13	2	2.23607	2.23607	3.60555	1	2	7.28011	2.82843
velocity(13	5.38516	2.23607	3.60555	2.23607	2.23607	2.23607	4.12311	1
velocity(13	3.60555	2	2	0	1.41421	2	2	3
velocity(13	3	6	3.16228	5.09902	7	3.60555	3.60555	0
velocity(13	4.47214	0	3.60555	3.16228	1	2.82843	1	2
velocity(13	3.60555	6	2.23607	2	5.83095	3.16228	1.41421	2
velocity(13	6.32456	1.41421	2.82843	4.12311	2.82843	0	19.4165	3
velocity(13	3	1	2.23607	2.82843	1	1.41421	4.12311	0
velocity(14	3	5	2.23607	1.41421	2.23607	2.82843	2	1.41421
velocity(14	5.65685	2.82843	3.16228	3	10.198	2	1	0
velocity(14	2.23607	2.82843	2.82843	2.23607	2.82843	3	4.12311	1.41421
velocity(14	4	2	1.41421	1.41421	6	7.28011	1.41421	1.41421
velocity(14	4	7.07107	3.16228	3	2.82843	0	2.82843	5.09902
velocity(14	4	2.23607	1.41421	1.41421	10.2956	0	1.41421	1
velocity(14	4	5	2.82843	4.12311	28.2843	8.48528	2.82843	2
velocity(14	2.23607	1	0	1.41421	1	8.48528	2.82843	2
velocity(14	4	3.60555	2	4	14.0357	7.81025	1.41421	2.82843
velocity(14	4.12311	3.16228	24.0208	2.23607	1	1	16.5529	2.23607
velocity(15	15.1327	5.09902	22.8254	2	5.83095	0	4.47214	1.41421
velocity(15	9.84886	3	8.06226	4.12311	1.41421	1.41421	2.82843	1
velocity(15	4	7.2111	2.23607	2	2	1.41421	4	2.82843
velocity(15	3.60555	3.60555	4.47214	4.47214	4.24264	2	4.47214	2.23607
velocity(15	4	1.41421	2	5.65685	12.8062	5.09902	2	1
velocity(15	4.24264	0	4.47214	10.198	15.5242	3.16228	2	1
velocity(15	2.82843	1.41421	4	5.38516		3.60555	22.4722	3.16228
velocity(15	2.82843	2.82843	2	1		2.23607	6.08276	1
velocity(15	4.47214	3.60555	4	2.82843		5.09902	18.4391	0

velocity(15	2.82843		4	4	5.65685		0	0	3.60555
velocity(16	3.60555		2	2	0		2.82843	0	0
velocity(16	5	2.82843	2.23607		2		3	3.60555	2
velocity(16	3.60555	3.16228	2.82843		1		2.23607	2.23607	2
velocity(16	4.12311	2.23607	3.60555		0		4.47214	2.23607	2
velocity(16	4.24264		4	4.12311	2.23607		2.23607	1	2.82843
velocity(16	2.23607	3.60555		2	3.60555		6	2	2.23607
velocity(16	4	2.82843	23.7697		1		4.47214	1	2
velocity(16	4.12311	4.12311	5.65685		1	0.00E+00	2	2.82843	2.23607
velocity(16	4.12311	2.82843	5.65685	1.41421			6	2	1.41421
velocity(16	2		2	6.32456	1.41421		3.60555	3	1
velocity(17	4	4.47214	5.38516		2		5	2	4.12311
velocity(17	2	2.23607	4.12311	2.82843			3.60555	2	1
velocity(17	5.09902	3.16228		2	2.23607	0.00E+00	3.60555	2.82843	4.47214
velocity(17	4.24264		1	5	1	1	4.12311	2.23607	4
velocity(17	4.12311	4.12311	2.23607		3	10.198	6.08276	3	6.40312
velocity(17	4.12311	4.12311	4.47214		2	7.81025	2.82843	2.23607	0
velocity(17	3.16228		1	2.82843	0	14.4222	5.83095	2.23607	0
velocity(17	2.23607		5	2.82843	4.12311	11.3137		3	2
velocity(17	5.38516	5.65685		5	1	9.43398	4.12311	0	2.23607
velocity(17	4.24264		0	3.60555	2.23607	8.24621	2.23607	3.16228	1
acceleratio	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
acceleratio	0	0.592359	3.16228		-1	-1.23607	3.157	0.821854	1
acceleratio	0	-2.82843	-1.16228		2	1.82843	-4.11783	-1.23607	1
acceleratio	0	3.60555		0	1	-0.59236	0.837722	3.47214	0
acceleratio	-0.92621	-1.36948	3.09902	-1.58579		0	1.09902	-4.47214	1
acceleratio	1.36948	1.36948	-4.09902	0.821854	-0.23607	-4.09902	2.23607	-1.58579	
acceleratio	-1.36948	-1.36948	5.40312	0.592359	0.828427	3.12311	-2.23607	1.74806	
acceleratio	0	1.88704	-3.24085	-1.82843		0	-2.12311	2.82843	1.08036
acceleratio	0.592359	-1.29468	-0.92621		3	2.17157	2	0	-3.24264
acceleratio	-1.41421	2.27059	-0.23607		-4	-1	0.472136	-1.82843	-1
acceleratio	0	-1.93674		-1	2.23607		-2	0	2
acceleratio	1.41421	-2.16228	0.414214	-0.23607	0.236068		0	-0.76393	1.36948
acceleratio	1.29468	3.12311	0.585786	-0.58579	3.1491	-0.47214		0	-2.60555
acceleratio	-2.12311	-2.70889	0.236068	-0.41421	-0.91303		-1	-0.82185	2
acceleratio	2.47214	-1.41421	-0.23607		1	-3.05792	2.38516	1.74806	-1
acceleratio	-2.23607	2.23607	0.236068		1	1.58579	-1.26206	-3.16228	-1
acceleratio	2.23607	-0.23607	1.36948	1.47214		-3	-1.29468	2.82843	4.83095
acceleratio	-2.23607	0.828427	-1.36948	-3.05792	4.12311	2.17157	0.777124	-3.59488	
acceleratio	0.592359	-1.82843		0	1.41421	-3.12311	-0.52786	-2.60555	2.76393
acceleratio	3.25434	1.82843		0	-0.59236	3.47214	-2.23607	3.12311	-2.76393
acceleratio	-4.08276	-2.82843	-0.82185	0.592359	-0.47214	1.88704	-4.12311	4.76393	
acceleratio	-1	3.60555	2.70889	0.777124		-2	-2.12311	2.23607	3.81665
acceleratio	3.12311	-1.36948	-2.12311	-0.77712	8.81665		2	-2.23607	-8.81665
acceleratio	-1.88704		0	2.12311		0	-3.74559	-1.76393	2.23607
acceleratio	1.88704	0.763932	-1.88704	0.333851	-6.07107	0.92621	1.36948	10.4301	
acceleratio	0.34903	-0.76393	-0.23607	-1.74806		1	3.16228	0.517554	-9.56353
acceleratio	-2.47214	1.88704	3.38516	1.41421	2.47214	-4.08849	-3.12311	-0.86659	
acceleratio	0	-2.70889	-4.38516		0	-3.47214	3.76393	2.16228	-0.77712
acceleratio	2	1.74806		3	1.29468	3.47214	-3	-2.16228	14.6644

acceleratio	-2	-3.16228	-0.39445	-3.12311	-2.23607	0.162278	1	-14.4929
acceleratio	0.828427	3.60555	-1.36948	0	2.23607	0.837722	1.60555	-1.58579
acceleratio	-2.82843	-3.60555	-2.23607	-1	-4.47214	-4	-3.60555	-1.41421
acceleratio	2.82843	2.23607	2.23607	4.12311	2.82843	2.23607	2	1.41421
acceleratio	2.17157	-1.23607	3.1491	-1.88704	2.17157	1.76393	0.236068	5.79689
acceleratio	-3.58579	0.414214	-3.97095	0	-0.87689	-1.76393	-1.23607	-4.2111
acceleratio	0.821854	-0.41421	3.97095	-0.23607	-3.12311	2.76393	1.23607	3.32456
acceleratio	-1.23607	2	-4.38516	0.236068	1.23607	-5	2.76393	1.7377
acceleratio	-1	4.07107	1.23607	1.36948	0	4.12311	-3	11.3542
acceleratio	4.47214	-5.07107	0	2.719	-0.23607	-1.88704	0	-17.4165
acceleratio	-2.47214	0	2.76393	-3.49613	0.236068	-0.23607	1.16228	0.828427
acceleratio	1.60555	-2	-1.39445	0	-0.23607	2.12311	-0.92621	-1.82843
acceleratio	-0.44327	0	-3.60555	1.29468	2.47214	-1.29468	0	4.65685
acceleratio	-2.16228	4	5.09902	7.05723	-0.47214	2.27059	1.88704	-0.27169
acceleratio	3	0.472136	-2.86295	-9.76613	-4	-1.93674	-4.12311	0.939391
acceleratio	0	0.527864	4.08849	0.821854	5	-1.74806	0	13.0919
acceleratio	-1.17157	-4	-3.16228	-2.23607	-2.17157	3.97095	2	-15.8109
acceleratio	-1.82843	3	0.443274	3.60555	1.29468	-4.38516	0.236068	-0.44327
acceleratio	0.414214	-3	-1.60555	1.39445	-2.12311	1.23607	-2.23607	3.90879
acceleratio	-1.41421	3.12311	3	-2	0.236068	0	21.6333	3.12697
acceleratio	2.23607	-2.12311	-2.76393	-1	0.92621	0	-0.82466	-1.25377
acceleratio	0.763932	2	0.92621	-1	-0.92621	0.763932	-18.8087	-6.94427
acceleratio	-0.76393	-2	-1.16228	1.82843	3.84669	-1.58579	-1	6.544
acceleratio	0.592359	0.828427	0	-2.82843	-3.84669	3.05792	3.12311	9.48375
acceleratio	0	1.17157	0.236068	3.60555	4.47214	-2.47214	-3.12311	-15.1993
acceleratio	3.5747	-0.83772	1.36948	-0.44327	-4.7082	3	1.82843	3.49613
acceleratio	-4.16706	0	-0.77712	0	0.236068	0.09902	-0.82843	-1.85242
acceleratio	0	-1.16228	0	-0.92621	1.76393	-1.93674	-2	-2.47214
acceleratio	1.76393	1.16228	0.333851	0	-4	2.66867	2.82843	14.4012
acceleratio	0.472136	-1.74806	1.08036	0.592359	5	-2.83095	-1.82843	-16.4012
acceleratio	-3.47214	2.19134	-2.00657	0	-0.52786	1	1.23607	2.23607
acceleratio	5	0	3.76393	0.333851	-2.23607	0.472136	18.3795	2.23607
acceleratio	-1.87689	0.637089	-5	-1.74806	1.88704	5.7259	-3.64497	-2.23607
acceleratio	-0.12311	-4.24264	1.82843	1.41421	-1.29468	-7.36961	-12.4984	-1.23607
acceleratio	1.38516	4.12311	-1.82843	-1.82843	0.777124	-0.82843	0.913029	3.12311
acceleratio	-1.77961	-1.29468	3.47214	3.47214	0.517554	-1	-3.1491	-2.12311
acceleratio	-1.36948	0.777124	-3.47214	-1.47214	-1.29468	2	2.86295	0.236068
acceleratio	1.36948	-2.19134	0	-0.76393	-0.59236	-3	-2.86295	-1.23607
acceleratio	1.39445	3.05792	22.2594	0	2.23607	0	1.88704	0
acceleratio	-3	-4.47214	-0.41209	-0.23607	-2.23607	3.60555	-2.12311	1
acceleratio	5.2111	4.24264	-19.8473	0.828427	0.592359	3.10265	-2	0.236068
acceleratio	-3.2111	-2.82843	-1	5.41778	1.29468	2.23607	2	-2.23607
acceleratio	-1.76393	0.821854	1.16228	-6.24621	-3.12311	-1.73317	-1	0
acceleratio	0.763932	0	0	1	2.16228	-3.088	1.23607	24.4131
acceleratio	2	0.92621	0.837722	8.40175	-0.33385	-2.70889	-0.82185	-3.38932
acceleratio	-0.75736	-1.74806	-1	-9.98754	1.29468	0	0.585786	-16.5517
acceleratio	-1.24264	3.58579	0.605551	0.821854	-0.96083	-0.41421	1.16228	-4.47214
acceleratio	-0.76393	-4	-0.77712	5.82619	-1.16228	1.23607	0.443274	2.23607
acceleratio	-0.23607	3.24264	-0.82843	-5.06226	0.236068	-2.23607	0	2.76393
acceleratio	2.12311	-3.24264	1.60555	-0.76393	0	1	-2.19134	-0.52786

acceleratio	-1.12311	4	-0.60555	6.98348	1.76393	0	0.821854	-2.23607
acceleratio	-0.76393	-1.83772	-0.17157	0.214437	-1.76393	2	4.16706	-2.23607
acceleratio	5.76393	1.83772	0.333851	-8.43398	2.23607	-0.76393	2.65226	2.82843
acceleratio	-7	-1.39445	-0.92621	-1	-2.23607	0	2.98621	2.55674
acceleratio	2.60555	-0.77712	1.76393	3.16228	0.92621	-2.23607	-3.97934	-0.91303
acceleratio	-2.60555	1.29468	0.472136	-1.16228	0	2.23607	-3.59012	-0.86659
acceleratio	0	-1.88704	-0.86659	0.236068	-1.16228	27.0385	-1.64371	1.39445
acceleratio	1.82843	2.00657	-0.77712	-0.82185	2.12311	-8.27456	-0.82843	-2.76393
acceleratio	0.777124	-0.11954	2.17157	-1.41421	-0.12311	-19	1.60555	-1.23607
acceleratio	-0.77712	-1.88704	-3	2.82843	-1.76393	3.65685	-2.60555	1.23607
acceleratio	1.64371	2.76393	0.236068	0.333851	1.76393	12.7279	2	0
acceleratio	-3.05792	-3	2.23607	-1.74806	-2	1.33831	2	2.76393
acceleratio	0	3	-2.47214	-0.41421	2	-17.7231	-2.76393	-1.83772
acceleratio	2.19134	-1.39445	3	4	-2	3.38516	0.592359	17.0862
acceleratio	-2.19134	1.39445	-2	-5	0.236068	-2.22289	0.777124	-17.0862
acceleratio	4.98891	-1.39445	-1	2.23607	1.76393	-0.33385	-1.36948	-1.74806
acceleratio	-3.5747	0.866585	-0.58579	-2.23607	-1.17157	-1.41421	-0.23607	3.05792
acceleratio	0.333851	1.35882	0	5.65685	-0.59236	0	0	19.7353
acceleratio	-0.92621	-3.59488	24.0809	-4.65685	1.76393	-0.41421	0	-16.3972
acceleratio	-2.23607	1.76393	-21.372	1	-4	1.23607	0	-7.81025
acceleratio	2.82843	-3	1.53375	0.828427	4.12311	2.00657	-1	4.47214
acceleratio	0.333851	1.82843	-4.65685	-0.82843	-1.88704	-1.08036	2	-3.05792
acceleratio	-2.16228	4.38268	3.12311	0	0	-1.16228	-1.58579	1.74806
acceleratio	1.82843	-5.79689	11.4011	0.828427	0.763932	1.60555	-0.41421	-1.16228
acceleratio	-2.82843	-1.41421	3.71121	1.17157	-2	-2.60555	0.414214	-0.58579
acceleratio	1	1.41421	-12.0243	-1	1	4.65685	15.6152	2.19134
acceleratio	3.47214	1.58579	0.069007	2	0.828427	7.07107	-13.0294	-2.60555
acceleratio	-3.05792	-2	-3.67456	-0.52786	-0.59236	-9.12237	0.123106	0
acceleratio	0.585786	-1	-1.36948	-2.47214	0.592359	16.1934	-2.70889	3.47214
acceleratio	1	4	-0.82185	0	-0.82843	-12.799	1.41421	-3.47214
acceleratio	1	-2	0.585786	0.236068	0	-1.16905	-0.82843	-1
acceleratio	-0.39445	0.828427	2	1.36948	0	-1.35882	0.236068	2
acceleratio	-1.36948	-0.59236	-0.83772	0	-2	-2.47214	-0.23607	21.7697
acceleratio	1.36948	-0.82185	2.22289	-1.60555	1.41421	3.65685	0.236068	-19.7697
acceleratio	0.866585	0.585786	-2.55674	0	-1.41421	14.4429	0.592359	1.38516
acceleratio	-3.47214	0	0	0.236068	1.41421	-16.0998	-1.82843	-2.55674
acceleratio	3.24264	-1	0.777124	0	0.585786	3.28011	-1	1.64371
acceleratio	0.757359	0.414214	1.49347	4.16706	-1	3.53654	7.81025	-2.23607
acceleratio	-2.76393	0.821854	-4.09902	-6.40312	1	-7.81665	-5.81025	19.1415
acceleratio	2.23607	0.592359	8.21954	1	0.236068	-1	20.4722	-17.3776
acceleratio	-1.47214	-0.82843	1.9608	3.24264	-1.23607	18.6155	-16.8154	-1.17157
acceleratio	0.162278	1	-4.77722	-2.24264	0	-16.1434	-3.65685	0.777124
acceleratio	0.837722	1.12311	-2.28002	1.16228	3.47214	-3.05792	0.828427	-0.77712
acceleratio	2	-3.12311	18.6804	0	-1.64371	0.585786	0	10.21
acceleratio	-6	1.23607	-8.24329	0	0	1	-1.82843	-8.9153
acceleratio	6.32456	0.592359	7.80046	0	-0.59236	6.21954	1.23607	0
acceleratio	-4.32456	-0.59236	1.04872	-0.92621	1.36948	-8.21954	0	15.1123
acceleratio	2.47214	0	-21.9952	0	-1.60555	0	0	-17.8212
acceleratio	-4.47214	0.592359	-1.41421	0.92621	-0.58579	-1	0	0.821854
acceleratio	2	0.777124	2.82843	0	1.41421	3.60555	0.592359	1.88704

acceleratio	3.65685	-0.44327	-2.82843	-1.74806	-2.82843	-1.60555	4.38268	-1.88704
acceleratio	-1.18472	-0.92621	2	5.65685	4	-2	15.2611	-0.23607
acceleratio	-2.47214	0	0.236068	-3.46552	-3	2	-15.1921	0.828427
acceleratio	3.38516	0	1.36948	-1.36948	1.23607	0.236068	-3.157	-1.82843
acceleratio	-1.77961	-0.23607	-1.60555	-2.23607	-0.82185	-0.23607	-2.12311	2
acceleratio	-0.60555	4	1.16228	5.09902	5.58579	1.60555	1.60555	-3
acceleratio	1.47214	-6	0.443274	-1.93674	-6	-0.77712	-2.60555	2
acceleratio	-0.86659	6	-1.36948	-1.16228	4.83095	0.333851	0.414214	0
acceleratio	2.719	-4.58579	0.592359	2.12311	-3.00252	-3.16228	18.0023	1
acceleratio	-3.32456	-0.41421	-0.59236	-1.29468	-1.82843	1.41421	-15.2934	-3
acceleratio	0	4	0	-1.41421	1.23607	1.41421	-2.12311	1.41421
acceleratio	2.65685	-2.17157	0.92621	1.58579	7.96197	-0.82843	-1	-1.41421
acceleratio	-3.42079	0	-0.33385	-0.76393	-7.36961	1	3.12311	1.41421
acceleratio	1.76393	-0.82843	-1.41421	-0.82185	3.17157	4.28011	-2.70889	0
acceleratio	0	5.07107	1.74806	1.58579	-3.17157	-7.28011	1.41421	3.68481
acceleratio	0	-4.835	-1.74806	-1.58579	7.4672	0	-1.41421	-4.09902
acceleratio	0	2.76393	1.41421	2.70889	17.9886	8.48528	1.41421	1
acceleratio	-1.76393	-4	-2.82843	-2.70889	-27.2843	0	0	0
acceleratio	1.76393	2.60555	2	2.58579	13.0357	-0.67503	-1.41421	0.828427
acceleratio	0.123106	-0.44327	22.0208	-1.76393	-13.0357	-6.81025	15.1387	-0.59236
acceleratio	11.0096	1.93674	-1.1954	-0.23607	4.83095	-1	-12.0808	-0.82185
acceleratio	-5.28389	-2.09902	-14.7632	2.12311	-4.41674	1.41421	-1.64371	-0.41421
acceleratio	-5.84886	4.2111	-5.82619	-2.12311	0.585786	0	1.17157	1.82843
acceleratio	-0.39445	-3.60555	2.23607	2.47214	2.24264	0.585786	0.472136	-0.59236
acceleratio	0.394449	-2.19134	-2.47214	1.18472	8.56361	3.09902	-2.47214	-1.23607
acceleratio	0.242641	-1.41421	2.47214	4.54118	2.71793	-1.93674	0	0
acceleratio	-1.41421	1.41421	-0.47214	-4.81287	-1.29368	0.443274	20.4722	2.16228
acceleratio	0	1.41421	-2	-4.38516		-1.36948	-16.3894	-2.16228
acceleratio	1.64371	0.777124	2	1.82843		2.86295	12.3563	-1
acceleratio	-1.64371	0.394449	0	2.82843		-5.09902	-18.4391	3.60555
acceleratio	0.777124	-2	-2	-5.65685		2.82843	0	-3.60555
acceleratio	1.39445	0.828427	0.236068	2		0.171573	3.60555	2
acceleratio	-1.39445	0.333851	0.592359	-1		-0.76393	-1.36948	0
acceleratio	0.517554	-0.92621	0.777124	-1		2.23607	0	0
acceleratio	0.119535	1.76393	0.517554	2.23607		-2.23607	-1.23607	0.828427
acceleratio	-2.00657	-0.39445	-2.12311	1.36948		3.76393	1	-0.59236
acceleratio	1.76393	-0.77712	21.7697	-2.60555		-1.52786	-1	-0.23607
acceleratio	0.123106	1.29468	-18.1129	0		-2.47214	1.82843	0.236068
acceleratio	0	-1.29468	0	0.414214	0	4	-0.82843	-0.82185
acceleratio	-2.12311	-0.82843	0.667701	0		-2.39445	1	-0.41421
acceleratio	2	2.47214	-0.93939	0.585786		1.39445	-1	3.12311
acceleratio	-2	-2.23607	-1.26206	0.828427		-1.39445	0	-3.12311
acceleratio	3.09902	0.92621	-2.12311	-0.59236		0	0.828427	3.47214
acceleratio	-0.85638	-2.16228	3	-1.23607	1	0.517554	-0.59236	-0.47214
acceleratio	-0.11954	3.12311	-2.76393	2	9.19804	1.95966	0.763932	2.40312
acceleratio	0	0	2.23607	-1	-2.38779	-3.25434	-0.76393	-6.40312
acceleratio	-0.96083	-3.12311	-1.64371	-2	6.61196	3.00252	0	0
acceleratio	-0.92621	4	0	4.12311	-3.1085	-2.83095	-0.23607	2.23607
acceleratio	3.1491	0.656854	2.17157	-3.12311	-1.87973	1.12311	-2	0
acceleratio	-1.14252	-5.65685	-1.39445	1.23607	-1.18777	-1.88704	3.16228	-1.23607

acceleratio 2.28E-303 2.28E-303 2.28E-303 2.33845e-33 3.82779e-33 3.40338e-3 2.28E-303 2.28E-303