

XVPM	GWYH	TRAT	TLLZ	IGGA	HYKR	EDFS	GUUB	MGJM	JHJC	TARGET CLASS
1636.670614	817.9885254	2565.995189	358.3471633	550.4174909	1618.870897	2147.641254	330.7278926	1494.878631	845.1360881	0
1013.40276	577.5873317	2644.141273	280.4282034	1161.873391	2084.107872	853.4049814	447.1576194	1193.032521	861.0818088	1
1300.035501	820.5186973	2025.854469	525.5622917	922.2062613	2552.355407	818.6766863	845.491492	1968.367513	1647.186291	1
1059.347542	1066.866418	612.0000407	480.8277892	419.4674946	685.6669826	852.8678103	341.664784	1154.391368	1450.935357	0
1018.340526	1313.679056	950.6226611	724.7421745	843.0659034	1370.554164	905.4694531	658.1182024	539.4593496	1899.850792	0
1587.993461	667.4201206	2072.048544	364.6249576	905.0113846	2229.178514	880.4425664	568.6984084	645.7192172	2156.94999	0
1497.293624	822.4358528	908.0593656	671.7975171	1280.270442	1910.066313	1052.812386	713.7574986	703.9516317	1088.493788	1
1172.820769	1166.958461	455.6565879	445.5727453	1109.894585	1045.551452	1301.821786	264.9401373	945.0239321	2307.922229	0
839.494647	1089.747059	653.6998943	659.3345896	1529.725972	1521.320489	1401.676227	433.0250425	1289.063583	1690.149835	0
1028.68914	202.0897744	1030.84186	429.109102	943.1048148	1978.506855	653.1785123	753.6552906	1336.37596	1057.864848	1
1042.945431	826.0099	741.5185935	548.2373812	1528.675999	2045.541016	870.2451986	495.1773384	1452.401331	1814.55535	0
715.5339487	768.001549	1513.34281	95.99587552	1281.787242	1090.21718	1982.211252	465.5893813	914.0558579	872.7056598	1
747.2916718	686.6332844	1616.22955	511.1877644	1134.462664	795.0973878	1990.580165	117.9234156	1325.204825	1377.789557	1
1283.507423	431.8946676	1546.932746	561.8856338	525.9565925	867.6271201	595.6905732	458.8913684	1299.23968	1056.137311	0
520.8030318	804.0542622	1758.46012	485.3044009	1130.508717	1303.730111	2076.52105	962.861165	773.5523801	314.4712148	1
873.1296174	452.9183718	2502.381633	473.0050268	1104.84198	962.9538427	2442.336841	426.7606868	1018.262154	1416.744985	1
788.7434177	1074.643318	1590.149211	352.8760134	264.3189096	2044.646303	497.9560762	509.5362094	967.3984791	921.1432085	0
1656.397158	1246.507359	819.5646948	759.1766574	1177.173127	1138.812756	2028.880845	774.3851374	1220.454072	1511.862543	0
1659.985069	564.2614798	1330.514249	351.2126789	1133.611093	1401.643495	1537.033328	185.9445093	704.436036	1530.576756	1
977.9705109	1256.551409	1296.039273	446.8837563	856.889614	2207.645059	1144.668238	304.0502932	385.6523647	1098.520412	0
1590.953919	1642.642026	1441.558864	452.3552515	1185.151256	1271.075752	1601.72348	33.79584006	1393.799311	1367.835696	0
925.5100814	1208.215974	1535.052971	348.7236854	822.4280455	1000.350732	3147.852887	587.1953283	1566.304705	655.5029381	1
1112.177643	1299.353372	3088.971728	482.2906834	976.8094106	1977.667013	1436.432496	438.6097103	921.4522563	2222.72433	1
869.2765716	1553.333984	627.1419833	713.3732513	907.8521262	1211.430751	1962.229486	553.4777594	1610.411277	1565.09303	0
1004.468897	352.7526722	1837.076385	383.0052943	1251.250803	1059.642491	1577.967851	372.5554093	501.9245211	1404.1278	1
1195.067484	309.8731883	1427.623387	481.5603326	1181.589813	972.20475	1625.921357	306.0928101	702.7906987	1402.234683	1
727.1586558	761.8181188	665.3421078	522.9307867	1187.126255	1536.23743	1892.641705	326.8817182	1097.684197	724.5413264	0
969.2053665	1222.820168	458.0714847	277.527595	973.021138	1750.078691	2820.497566	610.9367569	892.0008848	1506.187758	0
1379.823388	587.7503047	1652.746728	637.3493196	1171.338396	1311.619008	282.9711059	705.4055974	723.418855	1157.365009	0
1528.677741	1030.704153	377.7634687	460.8925511	618.9182433	1813.189429	1180.293065	392.2216912	788.7471563	1116.096121	0
757.1913671	679.701416	1639.242084	463.828551	503.1644743	1605.403733	2851.483768	850.0730984	830.7354642	9850.936787	0
804.5623106	978.422198	1505.25894	609.7021297	1065.668223	334.8760693	1888.76008	330.7800503	1153.443956	1857.442286	1
1165.950127	742.4013919	1981.015083	734.7751848	844.8566157	1872.779943	2395.941334	472.9038291	1100.764326	1113.994899	1
934.2349042	942.1451785	1725.523537	756.4620411	862.5435538	1142.147623	2366.939469	421.3536106	1254.164883	1107.633484	1
520.2381318	985.837026	2595.9978	582.3888209	1002.694209	516.1619464	1192.478828	763.1005096	1210.398146	819.3720129	1
326.3709673	981.0122351	1583.639677	441.8245626	797.2134714	295.7152193	1990.297706	550.117537	1196.212182	1229.38068	1
512.1218228	600.0273643	2080.735649	405.4229948	1107.613203	2242.021795	1894.214939	434.5102424	1300.512904	893.4231334	1
561.0763007	716.085887	2071.18116	567.8163807	718.7312313	1691.510686	1802.53724	743.6993089	451.1199633	1927.788827	0
1155.350566	1608.608028	1106.957687	571.4488664	1184.461052	926.6336422	2014.950226	1075.797115	1621.316385	422.1960855	0
1680.574245	1368.968535	2144.298422	532.4820803	852.3646642	1665.274434	2349.438746	1302.12485	1675.302496	1336.430331	0
1090.588718	1512.927949	2678.739112	451.831492	1387.970244	1502.332542	1028.002828	321.65722	1938.125746	1603.842538	1
1076.962203	673.1956216	1343.902962	425.5749895	583.0143276	1566.993735	707.7428023	212.9564358	630.8048979	1669.991086	1
977.027942	716.195846	1377.725409	586.7909175	822.420152	2485.798215	2071.975853	833.4737789	1464.182788	661.801453	1
828.2064535	1339.697957	265.903079	361.5575104	1227.674733	166.571282	653.9901698	569.4963952	769.2383521	1269.425848	0
1033.641478	723.1863826	1470.60942	656.8857634	1279.343782	2229.352922	2129.350189	570.0279649	738.0528822	1413.547705	1
691.7965692	857.906358	1234.419952	369.5464957	419.085791	1006.363185	2038.829953	423.9761499	501.0767565	1293.698606	1
1240.344967	1102.629665	2538.836386	540.1275719	1517.197192	1067.460274	2752.678804	875.2084833	897.743767	1145.044601	0
1467.856543	1883.499655	1425.926646	527.8017897	623.1098685	1331.190581	1070.707513	1193.075211	1632.989552	2019.315396	1
1301.479287	633.4936402	2451.48247	563.6523244	692.7457807	2011.871648	1632.371832	901.3365192	1784.240794	569.0724646	0
814.1750939	1097.08249	1066.433589	333.0697662	1049.614092	2334.723338	541.6721127	299.7126895	982.3068482	1210.819025	0
1267.238608	582.2299634	1941.277127	519.7553934	735.1773555	2521.579488	1600.753751	484.0375294	744.0754041	1702.114053	1
1916.223162	1694.53942	1170.198928	493.1885614	605.4554731	1521.6104	876.0406403	515.4162102	807.1312462	1471.403249	0
1186.127449	176.2452597	1998.69274	651.4909813	1062.021484	1167.96446	1688.408305	497.0519571	1317.212244	1373.15733	1
397.3782783	1152.437273	558.0880105	469.9524846	909.7264686	1111.967986	2031.485133	414.3515845	1201.135796	942.3139964	0
1209.872745	1591.091812	927.4936988	622.7970792	655.5259223	1147.387053	2021.232683	400.2926956	1221.448578	2355.196953	0
777.7018323	620.8713546	2175.111278	472.9332473	1682.015838	947.3139064	1309.283396	731.7904704	1405.033082	2262.41521	1
1118.439294	944.6323951	1882.236932	604.6094965	651.3807221	1807.834004	1802.300366	227.7928976	498.8464138	1293.445769	1
1059.354599	1055.382069	482.3824492	379.9449334	927.606318	1802.056578	576.9479181	635.2501341	1164.813083	296.5018563	0
1069.24759	1306.106433	3138.891624	512.2865711	1155.173423	944.2282006	927.7541709	775.3700084	1916.412943	1169.702649	1
605.1290098	648.2179207	629.5229004	463.8216697	1221.180728	1681.557759	1450.974717	832.5631901	1297.412515	461.7063612	1
1297.569807	969.5003919	914.8372478	441.8146951	701.4666338	1955.183272	2243.011982	163.4880462	1376.619742	2016.985864	0
614.6873033	1361.510241	1981.423397	554.9982948	927.8012948	1805.643759	1815.807058	1061.483271	1478.005825	1214.014589	0
860.2394627	503.2860862	1648.890699	669.9775638	868.1604893	2249.416078	1229.489836	560.2461455	1340.048855	1956.143963	1
1012.192648	1452.488055	1062.443411	396.8619398	392.6934355	1536.556771	1411.717798	938.4617895	1262.241003	2863.886466	0
1683.236612	765.8518211	953.8805242	692.5416082	865.1197833	1359.363648	1093.087121	438.6771501	872.2873799	1214.884713	0
1141.766252	630.8486087	1625.110584	784.54083	1225.703178	1562.761891	2185.392658	769.5944799	1306.383454	1020.550724	1
1341.384974	1583.708984	419.2743175	518.5960922	1532.863815	1790.273511	1406.436978	779.5505795	1495.931675	1952.302693	0
1236.352616	837.4628111	1827.396002	637.0145739	1028.326419	1664.427342	2049.388867	129.734401	893.1019731	1814.158083	1
1044.250571	666.4752891	3145.317108	513.4259383	1271.145934	1648.828815	1899.029758	681.8260364	1059.183517	2022.115782	1
668.2646845	722.4889755	1526.810017	749.9006574	789.3105568	911.116752	1566.335706	1083.903617	1319.173778	1357.615772	0
1053.161334	1042.172933	1432.042242	354.1131649	846.9840371	1178.687933	1506.499281	22.13534772	1218.867055	487.8995895	1
497.0082101	1527.891953	1015.97359	496.6568399	534.4127333	1261.03097	1248.731231	936.3829759	1675.434973	2347.593548	0
1079.341122	514.0780026	920.6344034	401.2762707	608.2608233	825.3242057	835.0146264				

1011.425541	1040.866965	2453.025782	609.4245805	1202.431723	1163.093627	812.3824536	520.0745574	531.67972	2182.01853	0
967.4111708	1190.831463	2547.641704	792.5245443	1128.124275	1846.63301	1768.068412	806.4687011	1189.600547	1017.712403	1
686.5256322	805.5170147	2341.227581	446.8379823	1173.732399	1253.515073	1901.498393	194.0951355	649.5737875	1626.451935	1
829.5749643	918.4005417	750.3130413	445.2282496	330.3301959	1421.075475	602.2659845	707.5639664	639.9727793	1174.740097	0
1165.696278	495.2842986	2095.96948	650.2555888	1536.831901	1526.076656	2116.942379	638.5634984	1180.257522	1004.955772	1
1725.192322	1734.43188	982.4933796	561.0618046	658.225378	2171.898213	1058.992788	918.6570385	1309.517444	1649.611512	0
1027.69163	1036.503085	708.4253382	534.9524316	733.8245828	1669.028837	702.2118789	421.8494306	632.4959136	2154.952201	0
1319.51501	1534.536611	629.2115095	644.6340126	744.6093994	900.7456849	2015.89516	590.7600117	1190.967808	686.950941	1
1512.528509	1259.595165	422.46375	583.4445519	821.1814135	1715.725165	2563.067663	942.1086727	1394.464832	1238.542582	0
587.9290512	1464.856433	1439.482088	676.188531	605.2031771	1495.360377	1171.491168	346.205641	839.3799349	1275.951194	0
745.467091	1207.316744	1927.468268	536.3777371	1787.648	2029.027066	1821.27251	712.3771096	1736.917671	1408.214382	1
1104.657713	667.2022098	1962.601729	580.7437125	1033.295278	1802.680915	299.6261702	878.152546	1269.726178	2484.396852	0
466.7756395	1295.317204	1658.859827	36.24455316	850.9505291	1767.277257	1341.548188	452.2020926	1126.249479	1324.744743	1
1341.612111	1367.258696	932.9520025	569.9218622	606.473081	2361.152292	2328.581481	557.0436972	1196.739608	1959.464815	1
1421.808745	990.2136168	2893.285685	484.166209	1569.006387	1228.708891	1266.179257	895.053886	1050.849777	624.1219264	1
1170.802929	431.625767	2039.300453	625.4661282	852.9023631	770.9962263	1877.265166	691.8354458	798.6847302	715.3299917	1
980.0403152	1256.985668	1026.701345	563.776131	702.9470968	2243.116967	1981.943073	525.6367947	476.4124134	1092.713258	0
1334.242233	351.5178479	2337.724854	457.4592836	924.7095873	1878.98674	1437.678524	252.2403987	1147.235271	994.3793442	1
772.6482244	732.3582701	1842.837032	360.0132144	842.4625952	2334.224278	1995.031019	178.6049954	1246.187742	1637.77473	1
1104.891175	1258.489262	863.2973615	470.9124522	593.6726225	2223.328371	77.06561401	654.9938205	1418.789709	1291.455083	0
1076.66076	745.4480448	1158.560998	593.8188804	826.7258299	756.2505639	1800.551897	692.2281939	494.597093	1432.998421	0
1314.60145	1072.048038	1831.396464	501.8283471	1229.600858	625.5273183	1932.990983	198.709164	581.1691632	1643.887792	1
765.9753898	789.8880553	2627.7141402	307.6290443	986.3783684	2230.402855	1107.925387	395.0133847	729.6225395	1461.087931	1
811.995372	248.9855904	1603.614413	615.6610044	803.5442289	1680.412289	1640.343246	743.0271372	989.5891625	2151.144028	0
1390.453454	1025.993429	203.4835176	260.9783251	701.4694124	2272.473093	1655.938585	630.3816152	1151.268202	1326.009537	0
568.1956871	1291.481882	1969.97647	560.4997528	524.5621569	1372.399279	1449.96021	908.4429096	345.6893437	1915.927624	1
641.3833034	951.2415624	2325.095772	392.1693957	1207.068952	2241.332123	2083.12783	971.9235231	665.7737225	2150.013772	1
760.7135738	428.6787532	1718.412013	457.3245863	1581.288439	1624.016684	1467.557978	513.5246644	1471.960126	706.8144662	1
1288.701685	1172.666864	1744.354118	454.5176957	369.6702181	401.9649804	1409.200214	286.8921484	1715.670306	1144.465478	0
1018.10691	1029.421952	2683.481611	585.9263776	1423.503121	1914.537444	2070.006108	372.0732383	1118.54461	996.5156179	1
1142.86332	1082.725153	1568.487299	355.906626	472.7343625	1726.300074	1628.014891	844.7673162	1462.726087	3089.0	0
943.5185018	731.9665998	2787.577397	452.9464529	843.6090947	1013.998922	1576.606358	286.3642671	960.1142995	2235.236611	1
683.0599686	1442.44286	680.255187	688.5952561	476.3508287	1517.123762	1759.311138	852.0337216	1385.178987	1694.251949	0
1478.986222	1490.490949	1172.542828	482.2237747	869.9375977	2120.640496	1073.314307	764.1403588	1413.704322	2838.218826	0
1034.595357	863.3612359	1158.05571	503.6981061	907.9642837	2438.847728	1356.147834	274.7507514	1740.224352	1839.763422	0
1340.969456	703.0745322	1815.755137	689.5997723	666.6776151	753.2174616	1209.432816	347.9995226	1138.240271	1261.432377	1
778.046327	1121.509026	2251.278053	450.2589175	887.1797697	2091.886005	1090.111324	457.9633712	383.2600265	2106.89356	1
1504.69155	1072.557732	1461.796701	605.8283581	719.7266503	2265.007874	1490.755951	283.0693862	1242.940275	721.0548659	1
1354.29551	1249.179473	2471.360681	473.1193947	561.3670358	1627.105621	1991.380305	257.852176	851.2937683	2365.294948	1
939.7537714	772.5193466	2606.805993	558.713672	1320.375123	1794.949939	936.4605058	377.0053846	1326.889646	682.070168	0
1147.775262	947.0484956	1054.909273	524.512729	363.3262902	2640.346206	1249.746521	714.9552691	1222.20904	1196.944577	1
1592.297554	475.865114	1046.38222	511.1840197	507.3540943	1163.973266	1853.150963	499.8612496	730.8011045	1752.387448	0
1084.397714	281.8196404	1891.295699	342.9637775	1087.659025	1402.644084	2806.672367	853.4644841	928.6541101	1230.922431	1
1428.955881	1166.094896	2100.970935	697.2496043	1428.86791	1430.705803	1661.153462	223.2819058	1230.603201	1726.426817	0
1943.17111	1112.209615	1566.935891	387.1625965	1201.924408	1677.708054	1884.408379	537.0746664	637.7435916	2374.101993	1
744.4734862	328.2851635	1098.047961	278.1659006	950.3399772	1305.707679	2005.04665	474.637157	1059.812712	713.1755885	1
662.3407437	158.1242281	1054.179638	289.6409663	896.3872519	1489.080249	1816.244338	621.4553478	993.6152514	1412.279935	1
1158.99361	542.2690255	1847.537657	685.4393652	1129.300051	1368.595434	2213.449218	494.8239219	1111.306586	626.6144683	1
621.325189	972.1200824	2134.149121	253.1291813	1083.510948	712.6811016	2377.627558	608.7568783	1073.731994	2445.41158	0
1668.135434	387.1056292	1089.70061	528.9608014	836.8082078	1884.005216	1497.394595	499.8626924	1336.776337	2156.494419	0
1244.393912	1488.092668	1236.119721	666.7700694	853.182535	1905.454277	1765.875667	261.0410759	691.2612679	1350.506873	0
2003.885341	1738.413768	2035.314555	365.6873422	1478.549672	1641.970323	1360.916098	683.0904439	927.2314095	1487.296309	0
673.9267584	1521.236689	503.737098	393.8736637	1473.820732	2063.247944	1069.324602	599.5850189	1211.707575	1538.549016	1
907.2428475	788.8750789	2253.107522	274.5301678	896.6232958	2431.003678	1429.164929	210.6646929	1172.935526	1316.247716	1
1427.097728	622.1883094	1734.309144	585.7969115	1337.720354	1754.623621	2360.783176	394.8144048	1531.944492	833.8966662	1
569.9389967	591.1806883	2173.605745	510.8123916	1014.661785	1400.659567	1604.137425	300.0576778	1486.965568	2285.460865	1
1024.478931	2060.003115	1611.338863	565.1262844	804.6736096	1823.621576	1902.083051	563.002743	1015.999286	681.5520133	0
859.3312916	409.5185305	1486.434248	569.1114861	1602.244758	943.5749199	1356.689484	574.7057651	1563.057012	1383.185772	0
864.2031988	1026.761547	2076.566083	401.6494918	1418.296003	1649.356309	3069.751106	457.5101637	1090.762392	1251.368674	1
1903.008003	1299.933693	2133.02027	497.9553425	387.9074354	1642.518377	578.1019012	798.4162	1639.138836	1794.81249	0
456.0569015	1257.509044	1090.663136	434.5954121	1417.168902	681.3934711	1585.74502	981.8120173	1356.114322	2282.42942	0
817.4930344	920.2704392	948.1238754	554.2409477	1574.863784	1235.595599	1274.477923	232.2968442	1314.74873	1197.176957	1
1140.727969	962.3615353	1077.433041	308.601394	615.620734	2398.280305	1798.147486	504.6806371	879.8471542	2415.298458	1
1183.662266	738.3090981	2050.2274	520.9114613	1280.984039	1129.856195	2355.869431	151.7441175	1398.064088	990.1780724	1
944.2038775	350.34705	2869.245111	344.0227254	722.013994	1694.51754	1583.5153	452.3472399	1404.417709	1701.333207	0
1572.497995	1332.415589	1474.731897	284.0318073	1461.181329	2507.62764	1513.363026	380.5062495	1073.960731	1350.42833	1
916.8062433	1803.173139	1246.065558	359.7433542	845.0780654	1969.802862	907.2646196	1056.942965	1874.702289	2187.353733	0
546.262822	1080.271004	920.8545749	607.8358705	945.0719519	1510.948045	1427.576978	178.4125843	1012.079484	1514.455045	0
724.9240342	296.0691193	1689.66461	454.2029573	675.6721774	966.1759237	1441.643221	309.5671796	970.9808914	1249.482556	1
649.8109686	1191.992047	2030.233814	342.2098567	648.0584051	1732.14716	2129.19507	656.3750934	471.1213633	461.4161784	1
930.0915534	1356.59902	732.447696	634.1747684	1447.261665	1486.59056	1404.045187	750.0580167	571.7999805	1933.856644	0
700.6683828	852.6088244	2070.827337	525.3630535	582.574288	963.6520743	1523.893879	359.3502179	854.5987338	450.958284	1
541.0505344	1560.851601	500.396138	328.5663774	1187.795098	1268.677842	723.431453	577.4115901	1635.385448</		

899.9447687	1638.569543	1241.424901	634.0725227	188.1694237	1190.560812	960.8774023	764.710415	1403.03485	1766.163064	0
935.6123689	831.3925939	2171.215444	691.9312302	286.5220262	1560.518342	1658.884732	438.9876056	991.1094147	1438.005605	0
649.487051	1607.571446	1779.390528	635.8232362	1209.660785	1905.812171	1771.579003	713.2537074	1519.070542	2468.921076	0
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980.8664286	524.6244797	1155.020668	691.924873	1002.508409	1254.186189	738.1989288	389.3219807	1469.698514	1570.234941	0
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359.5576973	940.9218473	761.8366861	495.4761255	850.8083198	1570.906675	2400.536712	715.4566489	1110.278662	2070.098387	0
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434.6696763	939.2494774	1572.249647	519.1158931	1577.405083	1721.192886	1978.174817	354.4790057	1334.166664	1490.437213	1
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1831.214805	981.8597797	2363.963178	702.9219043	1198.790327	1322.203203	1426.110388	469.423473	1343.259153	1900.744326	0
537.9459388	387.6682498	1564.165209	278.2946615	725.3771272	780.2761768	1615.968495	448.9653611	1130.833015	1017.250152	1
886.6973182	1084.516035	1161.959423	523.0243032	1044.645572	1209.849171	2261.883144	238.1949198	1766.553966	2321.418464	0
1416.344097	579.2151876	1626.725998	738.9085104	1106.032438	138.811404	1443.891225	769.0003575	900.6641085	2281.427915	0
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1331.350334	245.9669231	1561.479144	382.6386289	313.6554648	1594.90623	2153.749116	747.3396197	1483.120606	1724.96438	1
1422.512916	305.7586243	1520.110483	280.7585243	665.3623485	1324.761619	1023.263315	599.966104	479.2562374	1519.713419	0
1243.908774	1137.834372	1425.58035	268.7491193	842.0186192	508.5404365	1178.592993	169.0562812	678.4717942	1769.45065	0
347.9880837	1606.469572	781.2779095	406.5687113	627.7764941	862.4412433	1692.548591	719.2824073	1106.395257	936.4568187	0
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987.3454893	659.7237957	1689.558022	558.0936302	1366.256415	1688.940954	2717.942944	410.4005734	889.1530544	1458.01859	1
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857.1875211	1380.354517	2250.739571	543.462622	1175.474252	2008.980917	396.4748336	414.0392865	1371.492742	677.837293	1
546.5127008	435.1593771	1891.829221	349.6814748	1040.294619	1467.952541	1213.295002	435.4548548	521.8779806	1322.674776	1
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1322.403209	426.1920815	1317.101995	601.5256265	912.0313576	1733.614917	1808.093517	725.2994542	1232.194574	2627.338048	1
1727.042731	738.4008322	1156.732913	454.8281944	1440.563018	974.9396473	1358.326482	503.7151466	1964.290151	1846.275143	0
517.4969688	1513.790439	1480.117307	657.9058365	1359.734761	1706.389866	1038.128868	369.5862266	1253.070092	1412.456288	0
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691.456507	1331.311001	895.8307927	649.1887967	574.545904	1209.456167	864.9375915	368.1240755	1606.667036	1521.621121	0
1653.52232	732.536493	1483.958216	401.8343487	1456.84164	1932.101952	2355.240493	731.7942462	632.4499156	1003.115433	1
1039.818191	1041.772359	769.2294251	571.1999222	1222.045152	2215.571986	2139.604148	731.204529	1190.05835	2202.112679	0
823.5559117	877.6951638	1765.158281	377.0768505	248.691477	362.0475997	2052.812326	609.4194952	1497.969612	1215.438591	1
1031.134533	885.1899486	2047.883011	651.6746418	896.6610347	1310.049316	2774.433747	522.9674717	1461.672622	2261.425947	1
583.2223791	694.6962567	2663.63014	467.7694937	781.5025974	691.5852324	1734.379539	348.8433863	1162.84287	1400.148222	1
758.6749929	692.5769282	1535.71267	438.6452084	1285.776668	1416.030211	1156.720204	419.7428728	468.8577354	609.8729583	0
1039.302535	820.5319259	1131.945373	608.3587697	1016.093783	2557.1464	1542.326757	520.1143085	1014.390791	2076.579539	0
1519.718299	774.2582406	704.6403502	280.1576925	648.9739457	867.7302507	1396.824586	386.4566452	1915.144872	1543.545653	0
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1225.058594	555.5282195	2701.167456	189.3897099	1230.613812	1492.865635	542.6657136	732.3107046	856.7926808	1385.06643	0
785.2205439	988.067137	765.6062211	653.1452535	1120.869245	740.1798024	1802.203303	621.7353432	822.2299544	2114.039541	1
565.7459916	728.8850439	2527.95397	336.8474269	1059.839966	2101.730096	1041.453658	628.4163822	1664.152689	685.4975098	1
990.8957443	471.6996191	2282.155858	576.6157444	1135.062154	973.572136	887.1605938	333.1646449	1137.85272	2001.33863	0
1002.515971	240.0030574	1513.098748	602.7361957	1017.486771	1853.417278	1460.697967	365.4649037	1474.486641	1300.640807	1
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322.8349418	1288.275254	903.2838226	415.9798251	640.9237653	894.4517035	1844.267456	490.123229	1148.025404	754.4499711	0
1693.34871	905.1977676	1859.181217	365.1129867	909.7886033	1778.942149	1973.411709	206.7570134	942.6988196	522.3792894	1
1794.921163	1480.092771	2195.507219	302.9186483	865.3426425	1711.083125	2161.168256	512.8111984	1327.409033	2582.083071	0
888.511651	345.8787455	680.4897907	458.4067765	1196.989074	1605.147826	2116.263204	923.8759191	1169.766917	2018.139963	0
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706.0113753	1066.615299	933.2494267	375.5744079	1418.948253	2309.049258	1619.095078	407.5616942	1228.532855	765.7360965	1
577.0830193	1387.909723	1080.345444	522.2251015	473.2763079	2345.882538	834.4616478	599.0405708	1165.748393	1325.385672	1
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311.4521256	945.9761496	1673.0887	567.1221973	1323.423937	1359.122126	2584.209431	625.3216063	1425.033967	1393.654033	1
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538.5109574										

1284.950411	218.7497898	1013.810874	210.8238592	1182.808747	1966.502811	1762.965722	641.6417024	1216.634941	1254.759334	1
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1528.39676	804.1822609	478.9213161	592.7759318	784.4275281	2185.919511	1253.078662	752.0175568	887.6358606	1256.034721	0
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1417.891336	1274.378762	1358.366352	550.8944181	1253.425723	2652.343779	2126.028415	685.266155	1738.854124	1282.031026	0
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1156.104244	832.3824095	1318.515955	446.8405451	1339.920932	1628.89251	1293.627721	224.1584837	966.1369806	289.9908719	1
670.6959776	995.068751	1805.655442	385.9909034	414.5516451	2216.867104	1796.845251	691.1634807	771.3420041	509.1693804	1
1447.415376	1129.116527	418.8118822	203.4002518	1068.076553	1624.367012	1588.951082	336.5761191	721.2723709	1255.730515	0
680.0264735	1470.694675	2627.5575	457.9862707	1267.879721	1834.665862	1882.718732	638.3738719	1506.280196	349.046945	1
684.5775548	1013.571906	1172.819617	445.9061787	1399.106375	2554.50485	1762.098204	589.802419	818.4232047	1188.532009	1
1289.410877	923.1010924	2223.236662	587.0394243	1707.523191	1770.550373	1787.433897	321.8604252	1383.105393	1375.740232	1
1227.297357	1397.364705	794.604153	472.9363048	103.426106	1002.150877	2081.409556	599.7942358	1261.61472	1868.15651	0
1023.01337	341.0268785	1316.909472	489.6969518	912.1559368	1792.072462	1711.435073	421.5901399	503.9002684	1690.379093	1
1167.6451	1944.308032	1227.304765	527.8842775	479.3400298	1192.676531	1208.303204	692.5351359	761.6874866	2212.530951	0
1275.807208	409.1986971	1244.495229	435.9792231	577.5050513	1991.331557	1186.953473	983.1256468	524.3131357	1606.915391	0
248.6847577	984.5768215	1478.560705	635.2693005	829.3553751	993.004265	899.2594344	609.4982411	906.753739	1269.405461	1
1272.789498	883.1454004	2982.581378	758.8106145	1278.731435	2254.489669	1317.20208	839.7773173	1251.971225	1001.635614	1
1164.958442	1025.443056	7705.548598	648.0874959	813.5320872	1920.201311	1824.089789	676.0145761	609.8588486	2090.525644	1
1217.920261	1203.490761	1394.491567	602.4239949	1070.162164	532.9056627	2921.461027	833.4651177	915.8250582	1554.984355	1
1211.746939	844.8360801	2277.761963	340.11419	214.3206203	1792.234548	2341.775364	354.8004885	1082.02456	1389.566642	1
924.656245	826.7227776	981.3306526	394.3433712	832.5424129	1342.611416	352.6596995	966.1585034	1011.387359	2635.98362	0
714.9112291	1546.169672	1077.510646	612.1847327	846.1491167	1576.543038	1594.592231	131.4580558	1371.181629	1531.002291	0
485.8244551	998.9899573	1697.372304	278.718674	828.8888895	2143.602509	548.3021423	431.1143258	759.9080434	1473.176477	0
1703.065445	512.885892	919.5669015	136.766863	1236.151553	1264.689434	1834.521643	893.7761732	1330.061905	1741.460817	1
1807.846769	1288.434096	1785.936355	191.419362	979.0861029	1892.311871	2194.741044	613.1819929	471.2598515	1251.158863	1
1944.317141	1484.428403	1695.713622	430.6174952	1054.57843	1089.213783	1305.725168	581.003166	313.7850476	1450.447239	0
882.6766829	1773.52807	2478.419955	633.6809555	654.5804798	2064.447847	1524.993828	295.3977293	1309.579608	1956.295427	0
388.0633029	1605.865178	1205.514878	539.3103375	959.0920322	1310.262521	2435.707119	431.8398305	1185.341011	1130.852009	0
1387.740677	814.9599733	1517.027121	810.8602756	911.8451606	1327.329304	1515.16704	485.3318887	868.4741943	1072.782454	0
1030.599748	85.612871	1810.224469	530.0372255	449.8164803	1132.389042	1610.103266	60.52280857	1230.666239	1837.456055	0
1167.273872	634.3415672	2937.577565	632.3312687	672.2110398	1354.313958	1957.756882	593.5211337	1274.817673	909.927444	1
1497.006982	1157.124904	893.0163746	738.1350619	1451.062241	1032.975111	1750.348097	815.2170347	1570.343261	1649.146977	1
1320.614532	234.9818531	1436.207678	623.7429658	702.5770742	1166.50186	2117.37978	801.4987495	1203.278636	1971.974326	0
962.4769601	1303.047177	2464.342033	578.2656441	1087.816829	1560.315956	1712.846707	96.26339981	939.7605806	1004.894325	1
1236.363255	490.4499619	1382.200166	270.3228895	667.4721643	1915.543248	1981.439489	564.3455218	631.8725862	635.233866	1
635.5621672	889.778796	1507.93438	403.4914465	1556.399063	1777.987414	1017.319879	981.9242857	1186.580176	342.9697325	1
1178.054586	721.6192527	965.8468301	157.5214076	362.4032499	1215.208661	931.4077766	1010.462962	875.562826	1065.711425	1
882.9687493	735.9302232	1691.92629	505.2631289	1312.098484	1555.469119	2488.807573	613.4199406	334.1536143	1432.587023	1
684.0461756	360.1319094	1884.438761	363.8497011	1242.990577	1050.428961	1933.851406	857.9372752	755.4469785	688.226042	1
826.7438179	1176.339144	784.7435966	530.1023619	1261.590361	1111.306693	1484.718541	759.7621453	2321	1632.022904	0
1050.586337	540.4754472	2102.185146	592.4294888	1009.780603	1582.879142	780.3866153	535.0902051	1856.497891	554.795045	0
1276.103978	1294.597149	1102.526396	591.5247802	1409.513754	1472.822029	1570.001455	136.1584737	947.1134254	1905.772361	0
831.2976726	1924.576793	1203.174951	553.7923185	1344.270252	1416.878296	1580.316129	348.9721271	1673.401187	1534.215083	1
960.2267274	832.3098629	2654.998703	451.9315308	661.4024898	1367.397731	370.4562559	462.418132	634.6793779	1168.949255	1
1262.118733	1644.63381	1642.521778	648.3420518	1404.700768	1562.422607	2771.760699	797.1451644	1248.996319	1819.790189	0
2054.315825	791.8367918	1290.788882	546.2993999	911.430808	1448.724754	1271.346693	1128.662731	894.2351996	1763.912196	0
465.8236069	1245.771469	1959.8297	496.3075101	290.3883135	1785.444244	1557.109955	1135.77109	1661.204926	1591.864107	0
1225.716321	1305.639229	1032.6729	674.2121674	515.4021239	1428.813524	433.8813639	984.6509427	906.4409732	1883.295074	0
756.5846614	1112.855262	2733.357292	456.2076593	1422.296193	530.1032014	1610.305286	810.0878266	794.5773586	923.644546	1
1420.999872	821.2055596	2742.338372	305.9771257	764.5923598	1487.160094	2084.356051	306.1875006	1510.449451	627.3176777	1
1066.754812	1022.2432	2064.280792	749.2228598	904.0353781	2373.663749	993.5224754	865.0856946	921.9405715	1395.935644	0
1257.404476	1140.777351	764.4008468	541.0380976	1159.125933	1803.733842	1970.353203	336.771237	448.010254	1607.863793	0
989.0681597	1266.176077	1576.820727	714.5633475	1035.59679	1400.279811	2257.584949	509.0840035	431.696064	1296.519303	1
1311.397006	2172	2181.715275	452.062121	958.259494	1700.654561	1866.398045	514.1240723	902.1153029	1011.012783	1
781.6357636	1067.737371	1593.687126	280.2120015	499.377972	1221.780944	1520.477672	171.0514239	656.9205		

1574.294713	843.3698218	2122.138922	498.4420954	1437.556015	2012.441014	1893.400967	269.7184878	952.5364703	1884.740683	1
1225.032947	1005.113946	2757.148363	305.6516215	1237.994025	1910.942655	2455.178262	320.1491223	933.3881221	1314.639985	1
1763.251667	727.7743802	518.4640725	515.9737537	718.4407172	1953.284973	1370.137142	987.2078875	1373.299406	1063.647831	0
1319.508185	837.3682589	1017.116661	561.5714183	881.2873151	1981.953667	2186.477948	433.5187851	1739.062469	2359.734034	0
1017.223762	1515.059665	1563.883522	795.9822366	532.932046	1493.230787	1007.28558	603.3776043	1267.485085	973.4554471	0
773.5157002	777.2492044	2341.503921	434.0306917	1142.086744	1946.313186	2404.113296	494.2210792	1709.742664	598.4166754	1
1534.279473	1151.612018	1458.274052	603.5609413	984.8071816	2051.590325	31.96	924.9402305	1139.385244	1899.824231	0
860.2389866	327.3593776	2293.657988	392.3118731	1170.025375	1001.852687	685.5723255	529.8681751	1686.986299	1861.91861	1
1020.331134	1227.497418	2528.307441	708.3322863	1593.73212	1507.468261	1737.076424	504.5909826	1423.346373	1568.939057	1
1694.28551	519.7884772	1153.693063	310.2274422	814.4649559	1479.97504	1134.54897	369.8650942	810.7007617	734.9441888	0
1355.915668	807.2356231	1167.532775	514.0913891	814.4436971	2409.330836	1479.532194	1155.020823	663.6144673	1106.034334	0
978.5463583	612.0423188	2450.989487	540.7153883	1023.446914	1429.312328	1815.828504	545.3628013	1171.665071	1284.535528	1
1194.243751	824.9347381	1786.842496	597.6435689	1232.983011	1666.216262	1164.890229	293.7214763	470.8891861	902.3244083	1
653.3152985	1189.531804	1596.920281	255.5350052	1294.757601	1756.988264	1828.106598	391.5456471	1872.084881	485.611332	1
949.8297766	579.6307061	964.6953593	562.8280446	778.8947393	1777.585256	1478.640612	867.0097734	1993.229157	640.6678257	0
953.1685446	1056.184466	1421.959736	567.2680003	1078.255067	1697.498509	1640.909866	773.4215273	23.21	1222.027475	0
656.1155974	1053.199328	1848.816469	209.3187147	765.8077039	2253.248567	649.0200064	364.0048323	1299.834296	921.66096	0
1172.47937	1064.526571	1840.981039	728.8885551	693.9950054	1824.934937	954.8075	500.7749523	1976.542183	1864.628561	0
1100.072639	1252.594746	1100.471287	532.216886	1461.616368	1998.234529	1344.366496	376.9324522	827.8208551	520.0675259	1
1131.341538	1197.848574	1105.801912	437.8558724	1086.325936	1986.201062	1586.812976	319.0413603	547.1901246	2455.468371	0
1634.659324	1704.387025	496.5936056	341.4046256	1370.202045	1563.589464	1382.83209	396.3332787	1323.344028	1284.421257	0
710.2390372	1733.139221	1122.041763	438.3282476	1256.519723	1884.068935	2049.566197	266.8838869	1437.770237	1859.162416	0
990.8424628	845.9424555	1679.973384	599.6404759	960.1633449	2246.294189	724.7670956	256.2579548	868.1675961	1489.071384	1
1134.05218	1527.193846	1612.321332	486.4581531	373.2953136	1561.376615	929.6216338	373.3448543	599.6744446	2193.602201	0
1534.642206	1303.067797	415.0234775	391.2311073	801.9223128	2394.340592	1223.252675	453.2801231	1206.975133	1686.772763	0
324.9715835	1146.804662	1907.272209	629.0503247	1314.084837	1745.143044	1761.956997	567.7090989	1484.723603	2107.131	1
883.73099	1292.41395	864.6708543	473.6759227	1574.997542	1054.785412	2201.458409	467.2054555	750.7706127	946.1355583	1
1297.713094	648.6319383	1424.471173	472.3533651	1222.211724	1318.796904	2069.525096	152.670987	1552.514303	681.2983554	1
1113.986691	231.6728712	748.7327991	342.904833	1180.797246	1067.62529	1194.504579	1021.764512	1040.349581	1787.389614	1
1417.330645	1090.908831	857.0286573	537.6809667	304.3792867	1421.977983	616.8710948	636.2712458	627.4598883	1635.822993	0
1162.747965	1129.467584	1573.929533	663.4642626	332.0483571	2230.551812	1208.104909	1088.651396	1517.244478	1300.662591	0
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1034.50268	901.5995589	535.6735603	506.048212	394.3941617	928.7320261	2014.020157	533.900719	907.380356	873.0308627	0
835.0562314	1333.218764	2616.881693	414.1855529	760.8652165	1904.082138	1986.604419	114.1193199	1083.309992	1522.161779	1
733.3993781	1725.082055	2043.776317	491.8658066	812.6053144	782.739295	294.8818596	425.716974	1134.554713	1196.478244	0
910.1053076	1257.736475	1385.590798	749.0891171	422.2744434	1075.013518	738.4090018	544.3249619	1475.059398	1582.580755	0
827.2831802	1551.513376	1562.817353	659.6798737	499.3018793	2141.146477	1700.166574	906.7231542	693.4015466	1656.031809	0
266.1832618	620.2936985	2293.560529	324.1112973	873.3367489	1345.402131	948.8683304	424.4794862	1113.494585	1283.458263	1
789.9327713	2005.621531	1052.678256	601.8090263	1074.871997	1264.430364	2086.95381	663.5874976	1545.348359	1642.650383	0
865.1016704	1055.036169	1911.069885	404.7555644	1167.94593	1149.166483	1546.477129	148.7001886	1629.261674	2577.548262	0
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690.8289651	864.7722534	1556.504315	636.5125188	1575.557342	1816.705465	1562.583129	802.141752	899.0499243	2200.203474	1
1445.166257	1126.61047	759.1137294	557.7362132	957.1445584	1560.60966	2298.963763	549.322272	371.9186152	1189.217787	1
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1156.020012	1373.145391	645.5649122	322.0239129	300.1414431	1584.024103	1027.608195	294.1941244	1274.105723	1016.737272	1
1468.897456	1298.915587	786.6903156	528.1809502	1077.634392	1323.970059	1703.262326	468.3831677	862.9099276	2203.824	0
646.2721218	295.5933556	2076.152292	453.5651418	960.7552722	1678.302695	1338.772639	303.611313	1531.457542	1654.252002	1
1673.287442	661.3623723	2040.869453	464.4707038	1358.89613	307.0279728	1699.893338	417.0528673	1390.711279	1394.359753	1
1218.718573	992.7597476	748.3987689	605.3496764	633.434068	1636.350714	1147.844585	297.2118356	1060.991174	2290.350314	0
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1373.92492	834.4034409	2396.829673	371.9249676	507.6515342	786.0777936	649.5480979	1271.159694	1113.267784	1303.723835	0
1440.147015	1212.747088	1386.232284	779.2759946	773.5744687	1630.197211	1118.264583	454.7811134	1128.845745	701.1001388	0
886.7866386	1230.269954	3112.188269	646.8843494	901.1929171	2018.431974	1671.275285	869.8219285	1066.815427	1203.412836	1
1045.025423	752.0816061	1211.182388	237.0532993	1427.898271	1063.907544	1776.178004	275.0889071	1434.093465	570.6476084	1
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892.7312216	1094.314246	347.612902	278.1227088	370.3638706	999.3701736	1844.568339	614.1697116	946.8100267	9903.287925	0
1427.581941	629.4617494	2529.07823	585.532997	954.1312067	1592.184996	2195.325034	427.7393506	1288.969566	599.5824059	1
885.9766237	971.2206942	1502.768481	449.8865545	305.5464858	1451.414753	2256.586546	223.922069	1074.927993	2063.408962	0
1335.86015	1490.095554	601.3218215	344.2704302	835.8892593	1057.670935	2213.680126	715.9590967	950.7728386	2521.760099	0
1156.89761	1037.896091	2697.647748	223.6234126	1263.109217	1988.279272	1190.545832	396.3636398	686.4147509	1986.156328	1
1803.655412	816.730779	1688.468076	300.1101872	1736.944739	1551.425181	2134.618815	852.7262114	1561.627078	1354.104556	1
1156.413587	479.3702101	746.1681431	625.8778269	1213.52646	1573.211154	1086.76268	379.9013044	1258.191383	1172.636411	1
21.17	1350.384377	1265.702371	479.3893066	727.8269682	1392.28368	1592.488784	768.9820312			

551.2200155	1367.841045	2643.219736	417.9300151	1156.164423	633.8518926	538.1348003	792.9371809	1232.069612	2002.939953	0
957.7926101	360.9702522	1241.897261	668.6203911	793.3034207	816.5849658	1411.239842	472.0892876	1183.371531	1229.136053	1
1389.683004	1220.394691	727.3617093	569.2025779	96.81062622	1732.136656	1776.019304	869.7823029	1299.727969	1337.090401	0
1483.560857	874.9251451	3042.793868	247.2652608	612.0492253	1157.367425	1736.003003	623.4382743	727.353713	1003.903216	0
1369.438187	676.372838	2314.82055	619.6494486	1358.89116	1616.101691	1442.977646	675.9205751	1282.717845	275.7951331	1
401.4940453	519.0065561	1800.918303	675.4459574	858.266558	1632.013568	1380.445238	747.0849941	945.1383427	1611.718806	1
1505.889625	968.1015359	1396.414969	514.2077652	1751.34014	1582.28839	1377.896328	259.1231284	1502.606514	1407.25459	1
1368.204621	1379.414036	1569.452222	567.6098501	531.9041683	1522.221299	1384.579571	437.1614106	1629.764803	2782.686567	0
493.7921924	568.7062136	1367.477956	507.4761392	991.5927869	1665.321418	2442.0053	419.4887444	1622.466741	1570.816713	1
998.9936019	872.3767694	1253.018251	548.5527999	999.1648135	1455.568204	1803.656124	106.5327442	603.0297786	1794.776151	1
1410.057625	760.3960037	2769.589814	543.7594704	504.6436664	778.9781264	1848.342614	662.5052312	1669.591452	881.1760976	1
495.0078673	1024.996588	595.3249487	567.3039828	1163.653688	1523.866938	2328.210172	737.6685563	1599.723079	1013.227822	1
1131.805998	1190.953437	2571.975599	611.9202364	1359.029751	1850.944537	1883.913657	238.4091326	1553.510483	1224.755606	1
1757.076351	778.3371256	2249.885837	684.573772	732.7508519	1184.812012	2379.751339	671.3124934	1366.688275	1774.063191	1
738.9152032	1624.231834	1292.143954	632.369256	326.0546858	1481.182698	1505.920298	843.5294075	642.367077	1503.49608	0
675.0095863	675.3001592	1249.279286	597.5793083	1502.950668	1142.291229	1990.216405	442.5546973	900.5900088	1668.367131	1
1118.871968	1490.507667	1786.225188	322.4597462	957.6613708	1282.971386	3073.638331	748.3229461	497.0781924	1733.999463	0
1425.179361	756.9207496	1009.495851	512.3174869	927.7232937	1646.242206	1417.108021	157.6737834	822.4904671	1032.827179	1
1292.722742	626.1047969	1606.934207	496.6613742	1080.143809	2042.153464	2463.858699	281.2445263	1323.971459	796.533651	1
253.0677321	975.9608296	1171.94137	530.7142251	574.2159586	1842.692475	855.1206614	656.3007169	979.1306317	1769.148097	0
1029.813116	836.0844678	367.7980178	446.6875118	244.7123312	1922.086938	1788.109394	716.7924237	1198.709736	1563.646427	0
901.888457	1134.481076	753.7274751	681.5129316	819.0946613	1537.098644	2356.559819	845.7085408	1260.228166	2338.924737	0
963.7911488	988.977407	1120.659529	414.8233271	1367.700009	1481.391834	2488.192237	1195.672775	1378.096247	474.4822697	1
844.7704334	863.4795161	1215.143345	688.0236434	927.7821211	2513.039776	1410.267037	753.7699217	1032.226226	1013.089297	0
1652.904716	603.0814514	2042.933673	352.5891043	1474.744628	1728.303723	1128.016506	522.568926	522.3949591	1483.894949	0
497.3088113	1728.156948	1147.425356	678.9501865	1103.090919	1368.949581	1876.703359	900.2867552	1396.800104	1864.084777	0
819.5048589	1275.787825	1284.470058	549.9022685	896.8231775	1717.906959	947.3645036	274.2737166	387.8705825	1699.454277	0
1211.339516	805.2417091	1715.573406	426.3879326	938.876389	986.3633849	2371.911943	94.19381086	1276.40387	2165.112825	0
689.7477624	755.6226042	1051.985702	532.3737834	1485.061614	132.1264545	1400.761826	797.2707214	535.4381178	1345.052328	0
1636.848215	1550.202337	758.108601	671.9135199	1131.748736	1995.405898	914.6506686	793.936022	1385.768425	1667.622385	0
1214.546755	1389.292228	1505.247172	309.618673	1110.515312	941.5411634	687.9149343	722.3792381	623.583874	2774.027675	1
1841.585666	667.224337	1535.61054	540.0327054	1383.144067	563.4282963	1452.684168	565.5326	1276.248777	775.7351917	1
431.6639785	603.1163061	1112.873989	412.928287	584.0933315	975.6553255	2141.651133	962.3737904	851.6626112	1632.24935	0
859.2741257	1256.951381	2107.057326	604.4593628	1088.208053	986.7875483	1655.32748	159.3372107	814.8066931	826.6330085	1
1133.556497	1374.838382	948.8838653	571.0540682	609.2181931	2409.985246	1289.323108	477.7027406	1826.117063	1731.986402	0
596.9651376	925.2575385	1296.496304	683.1323035	2221.653154	1718.93954	1718.93954	461.29742	1053.777066	1979.369366	0
1071.530312	702.2948149	1616.52462	450.7538652	882.3837709	2344.930473	1756.070812	168.5634707	808.0167741	1421.435807	1
583.0533348	1467.901073	1619.741028	461.1889363	445.5522719	1500.501871	1117.201542	239.5893718	1400.480346	2210.981209	0
1741.446448	909.1160111	1050.216966	428.7270285	1238.273892	554.3612144	1477.058441	811.938095	836.520225	2396.125689	0
707.4752499	1002.308545	614.9920552	544.8918915	1502.617618	1340.351332	806.8395789	785.3550529	717.3864896	1634.044883	1
232.3032317	1453.493648	2431.899429	499.3446454	1154.871434	2032.830357	1578.250467	538.4918294	1350.030721	1388.281172	1
736.7199379	716.8221191	2097.164959	574.6526064	565.3661968	1808.324713	1739.654663	189.9944776	1403.225115	1620.528387	1
1298.703449	841.8441859	1224.610174	696.0054891	1370.268121	429.6104288	1558.426237	610.7663727	1546.958008	1644.689889	0
287.7482456	863.9865889	1510.956789	559.7798298	796.3163624	989.7162798	604.4399599	436.4274271	1269.677281	1518.587	0
1426.957666	595.8436894	918.1784576	652.8262437	1343.125776	1065.138219	1890.189085	780.4563576	1544.783045	2118.86758	0
1350.637981	1213.843284	1405.461818	675.4345961	829.1789496	1528.052536	1750.186088	304.7885472	2036.558199	1943.657689	1
1387.203443	479.6888379	1247.887808	357.5813054	873.2986966	1145.046218	1937.565426	865.4683712	253.1917231	1770.848113	1
1107.093418	220.4957595	1313.502576	333.046638	511.1689792	1136.995878	1637.876534	501.6590482	1752.533796	1063.904612	1
1537.133493	669.9377835	1556.127049	587.8204818	885.2880459	1073.101747	1953.929257	592.8122978	999.2021391	163.9987232	1
1605.141956	1464.619212	1018.108572	681.4579825	897.9900794	1294.991638	1092.386309	463.1073687	1838.304995	1969.858253	0
1097.422175	661.4958809	2053.833672	601.6020502	716.2233809	1418.45827	2135.71283	515.8500097	463.4061595	1547.231032	1
1386.898079	1078.63844	1573.679592	604.5211181	574.0559736	980.2929125	1890.86812	304.0296837	1101.111604	2531.556198	0
902.4451406	928.0888468	2760.748153	407.9719442	816.0079283	2213.594794	2079.607135	481.7838858	913.9620811	679.2638314	1
1058.5577	1703.736885	1230.98591	596.4783674	1346.341099	1101.262125	1261.263801	619.450405	1139.035442	209.9392636	0
941.4425818	1398.051358	1769.878372	774.1843165	679.1495498	1684.930592	671.3993689	971.3749288	1655.224304	1529.645697	0
638.7178361	1118.971836	2572.033065	572.8487017	1194.456295	1209.6940848	2368.012327	388.293801	1257.697826	1646.152803	1
309.0286418	623.1064644	906.8254701	411.8515817	1277.254292	8213.229295	1279.991655	433.6053747	1209.202616	1589.974488	1
1243.962068	533.1868083	1703.555443	388.3397538	810.3994185	904.1140997	2276.758833	180.8144975	888.2613221	1079.000523	1
883.6943824	815.4404548	2313.537791	288.9246542	1224.135852	1701.4340105	2628.670196	679.5535366	991.9043393	650.1967305	1
1014.854324	1000.798151	798.2924843	733.2631424	615.6322781	1458.224855	759.2496571	750.2123729	785.2174703	1689.147466	0
931.0833116	848.274502	1856.073972	511.8863172	391.8871787	1667.568802	1338.387731	647.0841743	395.6742018	2295.634193	0
1199.707739	557.4453794	2183.138858	532.6165216	673.9623909	1082.836867	2271.349762	477.3483165	943.8936888	472.5062199	1
984.7163615	816.8299343	46.38895398	564.2282027	990.8383505	1494.697767	1961.704622	520.5394716	1174.191891	1643.264048	1
1024.922819	1368.15477	169.7801385	657.0981843	788.9321725	1570.597532	1034.886033	864.404582	1531.803528	1525.726292	0
1201.070538	1173.531141	241.517919	618.7822712	536.6913627	1471.400022	950.6358833	633.8607676	1378.471916	926.117927	1
1162.30145	648.8051331	1687.656853	490.7052165	969.1500535	1952.144469	2766.452906	540.7079096	614.3576779	1012.586708	1
706.6727316	1133.630232	2219.791878	589.4585377	918.9477261	628.7213847	2231.594906	306.8570886	998.7480825	1867.178706	1
847.8510261	887.4457168	1681.299947	655.0151601	1027.416561	2535.076786	1059.33003	693.8922649	758.7138239	1215.240006	0
1193.534026	825.001621	1071.956766	737.6265288	705.2325692	1060.893586	1695.418701	483.9711421	701.3708199	1830.159336	0
1144.647799	722.1168729	1926.007555	634.1941934	484.4929545	859.2315499	1257.056556	558.1895787	1116.389079	370.5891592	1
1206.814193	1361.153335	841.2181201	323.5189254	1101.740731	2666.749784	2243.810373	669.5845038	902.9133341	1388.276814	0
743.7634015	1556.574275	1167.311107	534.2284911	713.0064132	1265.290091	2531.643533	734.4668232	1317.972208	2573.946142	0
1124.460513	1321.073999	849.7179693	616.3516432	695.5360791	1805.213584	1252.295557	642.9595691	1453.08145	2750.453886	0
1867.										

1461.877676	1145.995506	958.8125303	493.4298763	1602.602351	287.7131731	1376.637649	722.6339005	1481.570867	1189.396199	0
1207.176863	1510.057642	2466.122585	720.8261201	903.995913	1855.008978	986.3315613	371.6718289	990.4435612	1526.767069	1
512.7231648	838.7118622	1857.167255	411.5096332	376.9129271	1542.598456	2081.473477	512.5978263	1992.698283	1620.936032	1
1037.959079	811.8347918	2177.787388	541.9293324	1529.742107	1769.808295	922.0188003	217.3540007	1332.529918	1044.689414	1
1506.443188	584.0161436	1343.793908	377.3306659	1267.309776	1363.057414	2313.390983	727.1984614	2121.912376	882.3215741	1
939.7583236	856.6279417	1563.588436	629.1987901	1091.796453	776.2682963	154.9925815	154.9925815	1319.576976	1602.150469	0
1520.626327	770.6213076	201.043129	445.4395533	1156.505702	1942.52635	2002.067838	912.9650614	1326.579985	1833.377674	0
458.4219367	723.7900655	2641.636288	545.3039796	1094.105981	1571.476279	1742.641786	486.3507815	1284.306529	742.4815818	1
656.9800715	1109.549727	546.1713004	578.6160681	757.4223264	176.1613369	1146.775212	335.12896	1247.923891	1385.639393	0
1322.220314	1395.185428	2273.942852	361.8990075	469.157865	1974.611888	2757.598255	482.0429293	1491.204881	1981.749621	0
1231.650989	414.5582796	2013.561739	564.8613593	856.8963553	1332.509205	1936.42486	535.7629352	373.448538	1329.944788	1
769.7004863	1056.505967	2570.649495	390.3794618	939.4844503	1923.705036	1416.679494	352.5255633	406.6071554	1559.277088	1
1267.851801	696.2165189	2147.994371	229.4116171	1547.761817	1842.854214	2542.398609	534.2391361	1200.044047	1061.089645	1
1058.889767	796.515199	2343.614851	791.7365192	986.7841395	1493.263681	1450.717481	443.6444954	987.0489112	1135.536129	1
1563.761768	881.9486692	1485.185543	367.4224065	1061.573084	1763.943649	729.4107956	356.0177868	408.6819529	880.4172522	1
679.4522124	1511.015246	605.0307417	666.6093978	797.9559899	1427.55227	604.4399038	650.5259048	1275.027316	1384.541564	0
1166.110151	883.7439577	662.2013716	285.7107415	458.925098	411.1411013	1277.820214	633.6000676	1026.989109	2323.322169	0
387.4638451	580.7541578	1086.138228	257.1230594	473.3569564	1784.737966	1421.900237	577.0217846	1202.604104	1076.030967	0
790.6363187	1238.068416	1813.012884	634.6523864	1320.926138	1882.109973	1372.075111	595.4506721	697.6489285	2496.918494	1
831.8031271	1153.293449	1947.987014	563.5728132	949.1600284	661.8605231	3014.796479	617.4934534	1024.006203	1819.029901	1
1610.532683	715.1538097	1861.670998	407.5970816	789.4497049	1925.321261	1461.934634	200.0347678	1384.234933	1507.7290155	0
1118.241861	699.3424847	1108.896686	722.3528958	771.1822621	1668.595384	558.1276269	823.3735347	1755.829438	1539.945704	0
1048.957246	1018.895809	3153.853406	337.029992	1352.336562	2110.270313	1068.97355	906.071236	912.9226323	1579.688496	1
1201.153907	1065.83092	2527.34417	382.1407175	597.2628303	1711.076775	1148.378529	1138.694684	290.045376	1776.1371596	1
814.531504	2000.56207	2003.820999	503.2843348	695.512483	1475.310747	1500.057734	813.0526343	554.3899386	2042.624516	0
1376.209887	562.1963615	1409.743137	444.5119075	1495.082251	2027.464719	347.8027708	793.6369246	953.4118622	1725.182304	1
451.6715446	1211.57662	1105.952497	624.0075196	824.7679396	1699.256815	786.4673918	693.5667012	1243.371557	2395.330537	0
1241.013488	903.3190911	1780.833234	610.6032972	518.3343657	2574.910291	2181.490495	816.0303471	968.4035988	1407.314956	0
1384.773527	959.303819	1679.463136	263.2482966	741.613035	1267.295182	93.95093149	438.1216982	953.896267	539.3592032	0
1154.64143	294.9543678	1100.179908	527.8201226	1172.246667	2097.665786	1412.55287	510.7449375	869.7042362	1776.139991	1
1145.465616	756.7363362	2761.187836	482.236112	1207.65476	1109.067998	2446.057173	487.6223216	927.3311508	716.5205487	1
1257.707242	1757.676446	836.0291638	469.5694951	1117.888897	2458.249147	1085.477769	466.5904635	1116.945914	1242.991832	0
1469.767406	859.4462213	1145.903782	494.6435876	813.8016081	1917.120091	178.6401955	725.21593	515.888693	1944.649218	0
1369.834887	1444.978384	1300.419095	356.2965339	992.3003427	1905.094229	1387.661869	339.4430222	199.9254646	1538.830384	0
1258.299044	1254.731472	313.192487	555.6670634	779.9174069	1903.775569	1077.40208	651.1491711	1229.50816	2423.320665	0
1284.709098	1249.209249	1091.22398	503.4698993	455.3454091	2967.261857	2340.662011	234.0714484	1002.553897	1250.735529	0
615.9094911	725.214192	2133.834924	404.952098	617.0601959	564.4560715	1725.57644	710.1275592	1193.990993	2532.454732	0
452.5293881	703.3288073	1736.863506	364.2324709	1214.437689	2073.345374	1081.185975	308.4094393	1033.66192	1372.789078	1
1380.204004	654.1824341	1670.225436	500.3468143	932.5483398	2136.9058	2657.356118	796.2856826	1098.48026	503.5750208	1
641.0432544	991.0845197	1295.222886	495.6547511	1555.31748	2161.707198	1805.317487	542.6400875	696.3304206	1769.756269	0
1472.001411	1646.635454	79.74300148	434.5679954	1045.297614	1652.815106	1801.596944	829.8906897	1530.010847	1856.643325	1
1415.9222504	659.1807458	2207.657525	202.163616	1164.328992	1842.947826	2043.714503	293.8503113	1546.779182	816.7798558	1
732.6801892	1085.900295	2115.031598	291.5731987	1341.591869	2268.476106	2336.068909	450.1235928	743.3932597	1580.539919	1
1080.4365	314.9675379	1402.366387	485.902218	944.8584562	2156.543343	1340.422559	454.0830415	1423.826725	638.162623	1
1174.896143	1623.33683	2472.02583	500.1187798	1258.160198	2440.494316	1246.713155	505.2167166	1034.047155	2061.399117	0
492.8793401	837.2702155	1282.065819	474.4846785	587.5350309	430.265944	1046.656569	771.0527809	744.9234298	1191.177963	0
1863.555579	1114.711877	1579.437358	557.7550264	332.4263926	1457.537417	1531.720096	618.9353621	555.3874588	1174.025045	1
739.1975163	1347.605708	1105.48515	580.2795279	768.6442907	1984.590964	1781.190548	494.6874708	460.5863839	1997.3859	0
770.6875825	682.7077286	2511.352227	617.2863919	1016.20357	2072.570822	1862.351738	947.1778847	1116.46761	701.7642398	1
546.9015209	166.8742998	1239.113849	419.1704006	1012.269148	1216.062719	1285.162659	662.3208985	898.0296472	1225.198776	1
971.5125926	1348.428999	2328.682026	777.3605926	568.309418	1369.481346	1524.942509	905.8996379	929.7294141	1999.178088	0
1388.378297	419.0999688	2476.873808	423.0132425	623.3219731	2016.544404	1368.231073	627.7073073	665.712013	995.6932988	1
1003.019096	1309.981551	208.9991061	513.0203037	427.0222004	1561.776831	1122.090011	725.9816153	1778.16089	1630.083578	0
1727.438771	969.8704371	1647.379982	469.7875406	714.9038144	1581.077298	1266.271928	902.1592266	149.4611023	1079.550277	1
918.035977	959.5985708	1907.550801	603.4023199	888.9766437	27.93	1861.358405	645.0785598	1247.460582	896.0864497	1
979.2983073	883.1248744	2372.524972	682.399107	1024.508157	1049.025252	766.9477028	491.5991988	592.520566	1743.592445	1
458.9036534	723.1655332	1383.558143	480.6215102	1102.502935	1545.369184	1728.923685	357.2018166	523.291446	1145.367351	1
1364.640475	1187.366434	894.0594583	596.6776684	577.1597281	726.4224091	915.2760661	823.578657	1307.01873	2537.945061	0
1581.758839	869.8147	1417.985881	424.8887382	1081.033186	2540.305763	779.3177177	430.1035304	1734.519238	1287.117533	1
1090.689831	21.72	234.242457	406.2365251	1049.99779	1639.277438	1555.995226	892.2902781	1016.952079	1234.551769	1
1532.187623	1016.181523	1078.008539	198.2720448	439.4482797	1156.494055	2681.831609	731.1095865	1228.44093	810.7111328	1
1208.909009	905.3810034	1870.213088	560.6871712	1125.467072	1277.900146	883.1042585	330.7457565	892.1698002	2262.316695	1
1044.101868	850.5289636	1624.18854	659.274959	1690.439161	2250.022051	2425.552002	570.0117017	1211.988734	1551.27511	1
1363.431989	910.8646664	2415.404611	621.0398001	1141.708412	2110.16087	2233.685271	499.2580916	650.3915325	1499.141833	1
1035.254625	552.4394803	1537.336742	410.0148025	1255.413534	1483.577553	710.0192156	347.1613522	802.904826	2380.818163	0
1581.989986	864.2960942	2565.323344	417.5761576	1077.900364	1197.855379	2715.327515	1202.165803	1402.825252	1509.285683	0
930.099157	1140.947458	2569.386859	102.7016953	740.1967758	1405.827964	2641.025497	609.6986753	1410.253571	987.4042508	1
1434.48607	1447.363025	2210.075849	505.9027703	312.6500105	1319.469914	1493.138671	376.4672654	517.7080978	1167.274539	0
832.8283656	1361.4863	1320.494063	600.4909102	1034.072163	1083.457539	493.6961115	1352.0	1178.303731	1487.934828	0
1304.718184	502.9296782	710.8658949	633.4017005	1197.492584	954.2945308	1207.247768	828.4323639	752.780174	1473.393924	0
239.8400548	1299.452152	2162.135694	382.7242761	1259.634677	2009.035824	1790.410483	565.5790905	1128.779361	753.8372622	1
711.4638373	915.7969478	2004.877726	435.3404409	779.862688	2387.612519	2179.155969	550.5828198	1673.404405	575.9260076	1
1865.296351	1345.730185	548.1109682	573.4730428	761.9233101	1275.086645	1731.727507	615.2184108	1479.083444	2127.763286	0
1265.5311	1446.899548	1168.99930								

580.7883479	1339.426341	1461.783453	491.2512998	1056.420737	1864.971363	1474.97609	798.0009696	138.8130964	1575.721253	1
816.853663	1142.676924	1731.519429	797.2644945	708.5909093	1811.424837	1565.430051	832.292946	989.5675144	2169.193273	0
1773.323459	1058.997658	1314.306879	554.4737476	1124.219423	1452.162286	2463.829025	289.6505887	831.8537747	1686.344646	1
627.6120029	765.2141409	1871.468887	543.1065274	1237.047216	2087.117509	2365.374575	475.6044849	1710.187067	1059.620245	1
354.2265694	837.880026	1403.25179	480.940619	610.3611213	858.1290815	414.673562	588.4129469	1197.05333	1171.329372	0
1185.209247	455.1622959	1807.095649	594.8214661	961.5527301	1377.999237	2333.838765	478.1152164	655.956809	2192.923424	0
1622.056299	692.3725518	2641.412527	468.5999729	1147.079187	1255.879209	2659.490889	624.5177931	857.7888284	1158.545801	1
1280.169891	307.7577067	1117.558063	503.8367059	957.0458474	1950.645346	2409.240929	665.2666009	1107.023217	2027.951233	0
1387.69982	1664.885325	1606.866319	524.3648983	1095.268527	1653.771492	491.5221447	684.9130852	704.633212	392.7640444	1
642.0970165	1461.523641	708.1078884	507.0638335	883.3463863	644.2421491	824.5104416	472.4489228	1637.610969	1061.963884	0
791.2928601	613.8359799	816.5109788	203.6982675	812.7688691	2055.965501	2454.624279	818.0702645	1099.695648	1283.872035	1
1642.844648	841.0745861	1183.32335	759.9284456	882.2710093	1161.790056	1844.369775	603.5735613	775.7929008	1284.99543	0
658.9942742	1482.915591	954.3260439	369.1167119	1480.190419	1253.071076	1448.279733	407.1837497	852.5622462	2287.005508	0
1007.708875	1134.938591	1801.986926	428.4708398	1281.772929	605.9950132	1645.343172	614.7965913	137.657046	1732.378967	1
1121.324757	533.5197851	2562.781525	531.8689297	1052.234956	1998.983196	1503.344181	726.4674005	577.0912268	782.1460304	1
1004.252552	1292.890933	1876.447691	328.4948734	1557.100879	1478.060382	1142.837028	154.5584105	719.3353078	1032.842914	1
1295.479682	1547.885062	1723.000629	785.6625248	1035.122552	1661.274695	1787.799216	703.3491624	582.2349953	1406.758101	0
803.3962925	1192.287797	858.2954486	663.8416747	616.3407966	2123.895185	1661.924589	725.1611725	1060.465977	2255.011682	0
724.6359494	1499.429086	1748.512626	412.6350854	62.84310318	1236.799714	1803.229017	511.3433261	1697.927505	1122.070486	0
389.990645	1336.203867	1173.122813	707.3560784	1139.411302	1544.8366	1682.082535	436.2714636	1270.820553	1535.957796	1
1336.08723	351.7020321	2195.341348	614.3925088	897.0138582	1958.985443	1129.216527	699.440377	703.7273339	1154.29159	1
1474.347187	684.6894457	1330.253898	618.7820873	1336.776872	1707.599527	1604.40041	264.4247061	851.5942223	1066.432554	1
1009.233416	741.4542799	2415.12913	413.8186155	1096.628114	826.1730747	2137.513703	364.9697301	1616.439245	2446.569848	0
1045.87443	1673.425056	332.0569393	667.1182571	840.1520152	1474.477699	1602.547856	594.3396886	1036.22654	1253.231309	0
583.2786619	1245.853987	1662.60272	603.320532	1049.263117	796.1535158	2251.523366	843.9394025	780.2462869	535.3834687	1
558.623128	660.8564123	1654.464503	161.5033374	1189.763889	1431.330646	1503.085185	375.1509751	661.4562924	1267.934012	1
669.6498343	575.0859832	2366.838275	609.080793	911.2708016	1802.490738	1756.737033	775.6121856	590.4714421	1040.766912	1
727.3144746	402.8166222	2152.670757	361.4734855	1617.189852	1383.852225	802.9223927	817.3320858	1103.56239	1180.795511	1
1547.83476	1585.887977	492.6670513	686.385166	974.8790767	1681.066997	1558.432675	731.9729525	1159.422705	960.6734375	0
1242.537342	1070.757716	1415.583441	650.2661932	507.6172559	1448.656786	508.7714164	1308.674554	1308.674554	1415.583441	0
644.4554959	556.0251149	758.5934571	599.5420733	970.2913907	1127.755629	1921.865656	905.4403949	1297.918634	726.2586202	1
546.4717789	1369.502313	2467.870997	436.3773136	1270.06233	2032.772292	2182.839317	436.6288433	1773.84896	1423.840735	1
742.5993879	1049.488942	741.3015497	310.5636482	1362.022019	2455.82985	1644.62525	625.3376866	1150.766669	2045.375337	0
583.7421132	638.6807455	806.4493592	353.0954664	1075.383242	1821.529796	1803.786585	311.902654	1139.658125	2016.455442	0
1087.234622	1052.974101	229.1409762	427.2409705	1022.747755	1506.478884	1458.882703	188.3092737	993.4890914	1749.972059	0
687.5903549	654.1745609	1236.831746	485.2665251	295.6189742	1398.917616	623.3258207	971.5057812	1066.38204	1942.218856	1
484.8992681	1679.042692	490.5566088	375.3641104	590.4171762	1454.713153	1647.267222	568.9593136	995.1977388	1213.269278	0
1079.703911	885.1270417	1649.376022	396.4045872	1139.030575	587.3730902	2129.10533	363.9646664	1222.238878	2682.0264	1
666.0001587	498.0931031	429.4080237	372.178412	818.5915873	1980.511758	1609.151458	729.7284102	1027.210877	1791.883255	0
619.9877235	517.8938659	2445.030489	276.2278313	603.7230596	1426.94199	1208.807395	396.2312926	1122.538603	852.9501223	1
1490.941491	1298.649034	882.9576384	458.1815712	663.3639589	2456.201377	903.1920366	814.9190282	979.6994354	2250.52663	0
587.2361788	739.5840332	2342.000465	441.3597765	885.9996054	1246.76223	1445.901829	479.2721781	1941.297617	501.2893634	1
1115.421819	957.444595	990.1954436	614.6712694	924.7968364	1672.516156	908.278397	597.6376816	499.7083011	509.4010602	0
573.9687959	1434.500101	1253.347772	683.2801614	472.5920472	1856.98447	1012.285051	520.1136024	1260.479603	1673.359703	0
1348.334009	1513.354576	1810.546579	551.9172065	1220.407058	1705.249178	1221.027269	781.374768	154.1818439	1954.264709	0
796.7272541	1254.184801	1426.305237	652.2859568	892.7413287	1170.110764	477.0480575	214.3560766	1018.897349	1355.084323	1
993.2400516	1043.602286	2324.828971	355.5101222	1428.6498	740.9004448	2434.596178	366.3110812	701.7853142	1477.304232	1
1355.633994	585.150373	978.5929507	617.0128982	616.9046625	960.974794	1003.641147	704.0079923	754.1879486	584.1023785	1
1159.659595	358.2745589	2653.094336	630.5588395	991.0195368	1717.696188	1808.268772	560.763379	1061.138914	1750.779353	1
415.3049312	1194.329668	628.6775977	386.7041404	1452.656322	2063.397009	1653.811358	745.1408067	1343.77574	1097.099595	0
469.4284555	957.9967779	1617.032262	563.8565079	473.5806339	1642.56616	1219.66223	350.6232569	966.822321	775.8167261	1
1769.20879	909.9891552	1384.231093	375.301064	1134.468503	1460.717787	483.0163617	459.3382465	1749.521564	543.8634111	1
1602.983021	898.0115775	1584.487822	673.7542495	369.9798791	2174.712194	1543.766224	710.8847629	1157.443693	1924.22068	1
1356.526824	725.2716095	1519.489232	358.0742232	679.7625923	2793.0	1976.437131	566.6736295	1390.514276	1146.084883	0
1183.333645	843.5061968	2359.329911	532.4652417	614.879703	2134.940242	1050.246735	210.2031019	875.6454493	1414.340875	1
311.8967496	1186.535872	2453.9462	104.7019521	969.9262976	1503.261881	1264.294616	692.2891599	1481.491291	1092.47262	1
1241.039848	801.9965264	1820.466136	662.4082152	914.9253155	1423.877681	1090.505463	279.981099	808.9307894	2331.771054	0
908.4003783	763.0560085	1808.562786	751.0602204	733.0865074	1426.3572	903.1873986	891.9989928	1192.869593	2358.830231	0
1740.344874	1658.027869	513.5172362	381.7418272	931.4597812	1456.520508	624.4083574	467.3051994	1168.371631	1664.666958	0
1089.09163	1127.207305	1545.507561	679.9421114	1119.12853	317.2554509	1541.187187	344.2207791	933.4147153	1524.683064	0
1488.673345	742.9948016	1978.103983	672.0026801	1183.752527	1655.702377	1196.193711	236.93666	1078.297335	1955.668192	0
792.0151886	768.1917281	1258.785294	577.5731517	1106.31047	459.1649777	2103.853577	311.1723966	1331.528703	1270.476925	1
1304.184093	1517.369891	1321.7656189	334.2454647	677.6884844	1392.930162	1592.521609	895.4876715	629.5353978	1459.731671	0
662.509252	1118.954226	2153.959002	734.2939747	761.1156648	1788.639424	936.45539	363.4000815	1145.35602	1358.263675	1
635.6464107	731.1394261	2018.582667	216.8738996	1320.190795	1505.777004	2609.625504	510.4486712	905.5330343	1781.140996	1
1073.360109	2008.854333	893.9023213	647.824541	1163.566668	1282.714368	1862.295614	772.7241284	1373.06854	1886.69497	0
1104.274421	1427.550797	1284.639634	611.6289318	610.6704828	2206.537811	1537.796561	440.3550032	496.6662558	1352.67842	0
1236.29027	1470.291887	1337.016485	569.521783	924.3900655	2425.64262	1013.868813	678.3991167	665.0925717	2267.50358	1
1021.47859	1659.778346	527.7225564	543.5883817	882.7255666	1894.615026	1920.201935	430.3818989	782.4705924	1100.343427	0
1179.06703	742.7823786	2347.252547	505.8121342	387.1352837	691.6237528	1785.746215	428.8840718	698.4072899	1758.861757	1
1102.398298	1351.927428	1144.898615	535.5727939	160.2529408	1518.019117	857.3294915	330.5308013	1541.247318	1231.804098	0
1413.965814	622.4320297	2504.838856	589.1548314	1391.105238	1603.245762	2272.686155	442.0426797	995.7157282	1576.6177	1
1060.229363	1130.861901	2474.087755	318.3314136	450.6728877	1828.730096	1728.400059	264.2363118	846.9056067	668.8696634	0
702.9975121	673.8700375	923.								

1417.358106	1088.085755	963.0316665	496.0267418	885.768129	1026.857893	556.1193104	953.3017558	358.3061293	1995.776943	0
577.3076096	351.1873007	1763.919	352.5151855	1308.197147	1828.327102	1662.035763	555.3221	762.0701166	1823.272636	1
551.0210904	1091.792777	761.7081534	384.8552724	206.6567828	1891.812097	1893.958774	837.5790471	1105.653374	1265.892068	0
421.7382746	1279.104438	1912.090902	358.5120042	1117.503751	1098.212055	2063.987346	353.1206317	2055.317197	1530.044387	1
854.6825375	429.5806305	1886.475353	529.7355644	950.3003882	1541.367934	969.2114042	198.1162057	1249.881402	2012.470368	1
596.6519435	1054.98507	1523.008816	303.8471811	841.8459037	1970.570197	1433.912736	307.4652983	1280.227701	255.9423161	1
962.3765081	559.486387	1547.635825	445.6799587	1024.207162	2048.764344	2044.949151	905.6945589	712.3475374	346.7092608	1
761.837295	832.4898873	1010.114151	369.5090401	1394.372232	349.7809148	909.8069206	976.7939905	1461.613462	990.6654007	0
1530.699417	1664.216025	1266.753152	550.137905	1153.616163	1216.588486	1706.65074	370.4345547	402.4912821	1357.590003	0
575.0031951	945.3241655	983.0345208	377.6327447	633.7885212	2245.480909	1606.349839	521.0625773	1054.877429	2363.831965	0
721.0978898	1159.976975	2265.078408	512.0981383	1404.500735	2013.289449	1836.860537	563.7438806	397.0134576	1264.054274	0
725.5981463	647.3638316	2024.993782	356.0061745	1365.489618	1239.019663	2863.781664	458.8623608	1299.297008	1741.021962	1
1586.258012	1818.224899	1028.499667	580.3164688	795.2675059	832.2118212	1435.929054	663.0158455	877.9322539	2354.949892	0
884.3764282	1780.007905	1027.212875	587.8301118	1183.576983	1551.839	1961.341097	241.2557192	1139.858626	1175.821553	1
1286.279837	1319.267744	1434.550555	468.9464671	638.1498931	1098.290149	2561.614547	155.0847137	1280.288292	780.099379	1
1071.516193	451.352193	480.270426	421.3702574	1191.806521	1958.959152	1926.184765	518.3704824	1188.435346	985.8423718	0
1156.048869	1518.754049	525.5094884	560.4085463	630.7420868	1245.613875	302.7425264	551.1399366	1013.061579	1467.319968	0
1391.002444	1223.285219	1357.764703	528.0529766	1143.927916	1273.944519	2009.458425	96.77183025	1916.407816	1741.021962	0
1650.795621	826.5118842	1722.19759	573.2869134	1551.853454	1657.735369	1469.92683	428.7332337	624.560343	1736.525012	1
1389.68083	650.1483953	2195.818802	534.6922232	1250.387935	2321.287018	1168.510799	1045.433398	1253.503419	2244.755827	0
974.0904196	438.9136141	1179.859887	331.8869678	967.2213474	1107.15987	1417.096231	577.7620684	271.3738879	1159.789906	1
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1059.949956	1655.027865	467.7143338	336.0823056	758.51062	1491.818327	1677.363443	537.0020722	1364.769519	315.0005213	0
1971.299544	527.4718198	1479.67102	580.4979856	817.0722547	922.5283352	1869.976248	668.8252083	887.495481	1513.437577	1
1676.524372	1998.179592	1334.51772	383.3167544	1125.455754	1758.788211	508.1485896	719.3646784	1373.823455	989.0048757	0
766.8550927	1508.285724	2491.501555	529.6762791	622.4579124	1766.276506	1945.053276	144.6765584	976.7225062	940.5735139	0
764.6966537	1023.164364	2381.223985	705.0630249	531.6135073	1404.290456	1208.308682	687.0515635	1655.300784	2234.758563	0
791.3360042	1346.539757	413.9960807	414.0997308	404.1625013	1018.601565	633.9415086	847.1119343	962.6026646	1248.635904	0
925.5846704	1104.901064	1341.135247	645.9975891	1518.654917	1237.974323	1317.825448	516.2003072	1241.878301	2596.492534	0
1229.312798	755.2748251	860.3045562	709.6561252	549.2748556	1259.745726	2429.192576	662.2222093	1240.84186	1553.821804	0
1655.948684	1409.728502	992.4585475	461.1456548	753.5953311	892.6519141	1963.207475	205.749748	1718.235909	1767.487214	0
753.8506469	474.260137	996.2893368	536.1073197	534.8213358	1364.822039	1654.016311	890.3999026	1247.692618	2420.303185	0
1164.145558	628.8257944	1748.663967	406.8405932	1284.049469	1639.309517	3032.3305	550.8649595	1085.358395	1085.358395	1
1899.500007	1162.608644	839.8413815	509.607271	636.6986647	1745.466163	767.5498189	925.1693405	1654.595119	2001.482317	0
1019.520519	934.7977877	1286.208734	479.2582174	814.1579035	265.5074495	562.1826145	780.3136053	698.0837859	845.9677193	1
881.6175895	336.8464062	1138.466715	426.7143526	573.8348007	2418.130033	1465.988241	768.372175	1266.038055	1573.758616	0
677.8758954	1182.325179	1445.109264	681.6234158	1194.541146	966.5859565	371.2428089	600.1169481	1485.095629	890.666038	0
1126.543715	820.5870437	1633.770613	230.4219219	69.52751936	955.6890591	850.7780349	482.508718	1158.293407	1470.021236	1
350.4637169	1318.488278	2103.128722	559.3285667	791.4303561	1544.218835	1568.46671	403.8012955	590.0438069	1143.063586	1
1086.784614	885.0847546	2263.300947	507.0702566	980.6295586	1467.547514	2225.937086	1030.346414	285.3919285	2083.515509	1
1327.221613	740.3910434	1921.606117	601.0341026	1038.206507	1913.718677	1446.557906	385.7108021	1589.399262	2584.06464	0
968.7494453	927.4679611	2044.887591	393.0651612	1468.758066	367.76546	2057.579717	411.6723633	775.4700855	1322.540597	1
1413.34842	1714.552298	1176.609857	459.4323413	1551.620423	1063.018933	1511.568467	368.4072807	1555.821286	719.6052973	1
813.9141313	654.444093	582.6301875	545.3191417	1020.57767	1225.2829	2632.259805	943.5321519	1046.205883	1430.259461	1
1124.483404	1063.934792	2616.920474	659.2584522	743.7977589	1886.518769	1964.54697	391.7769941	714.6336896	1158.742698	1
1769.101195	931.8008277	1105.463403	540.8571993	981.3868986	2405.034893	675.6985377	517.8697279	1273.096227	1596.212941	0
1431.772749	1401.151372	1300.466643	180.6817647	113.2178004	1359.285501	2005.00203	543.8478692	948.3216741	1271.646604	0
909.847183	519.8323404	1764.865109	416.2687043	1221.487421	1149.534834	2690.336967	762.6147517	493.5974143	1481.861593	1
1458.650383	983.0041783	1904.311205	254.0968298	1554.86395	1453.683407	2711.794307	1093.73362	1532.779863	1132.741009	1
844.6990366	1248.797194	827.8366382	573.6225184	818.2154151	1015.355386	1552.661232	378.0387691	586.9069313	1953.717818	0
1197.49297	1807.930802	1663.00151	634.8570794	1035.026448	1945.871211	1922.920343	700.6666088	765.6569923	2222.211787	0
1328.785552	1624.44425	1128.248026	397.7016293	483.7463928	1988.294296	500.7932168	574.7269492	1938.147445	1553.435926	0
1045.935181	929.1411461	1286.601809	447.6537083	965.750025	1945.705073	1367.784106	365.871313	223.2640073	920.9622187	1
1072.400789	613.8856654	1488.508562	458.5928037	949.1187565	1643.246391	1986.860799	88.06978318	753.0189377	1771.570132	1
1348.665775	721.6699697	3180.0	473.0572522	1110.437386	855.6121985	1026.895771	1006.123031	1300.561275	1085.326533	1
1007.711972	1137.03728	764.1877523	451.9160369	969.4333161	1773.976534	1926.893652	340.1085908	494.7096528	2213.032382	0
1532.091338	628.8406185	2104.941982	652.5119585	1141.418333	1170.224738	2136.035925	495.3241966	711.8822523	998.730545	1
592.6272918	274.9148165	1498.199377	543.2165926	1040.175748	1465.492124	1676.797818	408.5855869	920.8653281	1305.784927	1
1846.787421	1318.612746	2611.750589	489.0018671	1168.098728	1981.019406	1648.495351	400.8212938	960.7121154	1962.378164	1
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1067.071716	1273.738922	981.1461317	622.2564955	691.9670165	1708.426008	436.8133532	1209.823278	1599.447333	1692.680963	1
927.8292029	548.4146171	687.3274558	622.7743738	862.4390839	1531.329742	1545.29894	442.0279424	1052.800305	766.0977664	1
1724.33376	1272.276951	1713.322897	385.2797921	398.474937	823.6912363	1743.878756	496.8406355	426.4615661	1582.221967	0
284.7081078	501.2898942	1444.283274	497.221338	1142.962205	1414.026886	1171.5926	718.6696662	1003.848813	2122.91102	0
1341.2001	754.3093874	2200.680103	8.45	1309.26736	1315.196121	1196.36925	606.4477101	1046.567443	1882.853781	1
676.3505254	622.2169986	1848.319659	390.7031209	889.0915971	2337.603277	2041.154849	543.151914	1250.621424	508.984641	1
1112.636365	337.5973538	1989.187861	103.9171272	1083.836315	1198.540243	1384.083684	398.8129837	1173.023489	1087.458008	1
641.7363349	679.879559	1950.558596	212.7134346	454.1946894	1189.671219	1988.565929	444.1603581	896.4190849	2071.759954	1
1598.674689	794.783993	1657.398193	395.6924757	808.3023893	1314.823125	771.9373126	354.634884	1783.467227	347.1829712	1
990.8939517	1108.368786	2712.826445	503.2860043	1462.911039	1793.440487	1656.012532	179.4868433	1160.896737	1485.627474	1
723.1698271	650.9906958	1488.846046	651.7349009	751.8748343	2007.206852	1730.716916	299.0238507	1071.727161	1208.884302	0
1164.918962	645.3166037	2588.456335	479.11837	626.3180591	1494.151313	2006.481275	272.7683494	1119.635124	671.5618356	1
1009.063356	1794.599257	1178.788655	310.0756369	1022.126355	1965.915348	1132.608149	500.6803532	408.8565565	1032.880751	0
769.6520823	335.5469744	24								

692.5845401	1136.846056	1253.025111	598.3475073	1017.517943	2534.633398	1252.372268	363.3348925	1079.374401	1428.426322	0
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488.2370904	1219.04626	266.2485914	435.0816756	1037.653212	1756.89648	1746.102221	693.2585913	1396.076113	2162.35296	0
774.1439948	884.6525781	1902.743266	651.3682256	1175.852882	2234.224136	1122.024549	712.8601022	1068.53982	465.6578285	0
1656.767358	1195.752663	1706.369074	608.4093905	1378.212505	1024.934163	945.2101628	723.6772177	1893.688641	2333.248694	1
1341.841728	1615.691028	1464.392129	366.2797489	1709.682641	1205.990955	942.3482081	692.5611846	644.9638134	787.7254756	1
971.6967325	1479.09652	2078.709713	599.513367	955.9332359	2330.989224	2264.97262	352.7714567	1643.245594	1374.742404	1
1297.756229	542.3977751	1148.318159	256.7227721	1098.717808	2210.13251	1075.472197	410.0133629	675.8368463	1281.451413	1
1041.610663	473.8332345	2107.793433	621.0230512	734.9259956	1837.56342	1824.772929	247.8819509	1106.476038	1361.736287	1
723.2162883	1137.908578	1915.906143	682.3713891	701.5237815	2050.766341	1827.899069	425.032581	688.1211731	1127.837485	1
1208.372448	1370.220826	1210.196255	477.3706505	912.8305577	1907.187824	860.3063911	436.5474391	517.1215641	2497.142362	0
438.2341293	1289.60804	1595.375861	473.769404	1313.074518	1821.322966	887.1955129	422.4976284	777.4869124	715.3571255	0
427.132989	729.054131	2066.638658	253.7408472	422.7038136	2100.973761	1599.611741	954.7957947	1094.400506	1453.638757	1
975.2372735	1314.679989	973.9425175	453.3535901	17.93	772.286826	1563.589981	587.2727997	1229.200328	1718.892925	0
1881.523772	971.5147828	1987.945174	747.7160056	862.9063874	1358.424955	1629.660965	1026.91283	1046.970449	1620.324216	0
985.1693474	467.1022452	1759.512118	471.607125	1264.960821	2443.118383	1319.242879	401.0353475	1185.459343	1890.407472	1
327.0676025	1543.589257	1213.093041	388.3233434	677.2401293	1438.062569	1325.168527	864.2663558	1532.12632	2512.601101	0
934.9791224	342.499317	769.9203173	522.9976415	1095.940804	1572.735847	1607.072836	508.2555985	680.5830833	1676.665591	1
1304.646155	252.9412974	2391.822729	498.2945465	1386.625325	1973.213965	1309.239393	860.7449507	1114.368567	1453.068537	1
1171.956522	1054.123699	1194.859206	642.6718156	1772.300291	1231.114542	1483.735212	761.0440431	845.28531	2023.846489	1
1452.183557	1112.48973	1306.281267	640.494985	1003.621505	1101.420138	1518.892272	381.9468197	2072.527859	2176.92435	0
1143.837615	1000.285517	732.992445	419.5006844	816.0446463	1378.405981	1000.427136	80.90837129	748.4146475	1828.688808	0
1901.857381	1101.349474	1792.495755	282.9556769	1391.447229	1909.716315	392.2037646	771.6597071	943.4274931	1085.344999	0
857.7785254	948.2930013	1626.006777	171.0279824	1052.524404	1602.363333	639.4436941	590.3362593	405.3688274	754.3101413	1
913.4230367	1098.960564	1200.434957	482.7719449	397.4539981	1265.181659	2688.009424	546.7625039	1415.100345	501.9557155	0
1227.910741	776.9430425	1745.142599	702.1603276	442.085016	936.4248029	1679.885775	644.9919662	1238.995877	490.3137911	0
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730.7015616	1221.804402	679.2024198	564.0385032	1184.208781	461.6728987	1484.58118	579.5516972	950.7180603	825.1574342	1
1592.337457	230.3860281	1809.594941	628.4139122	1105.283709	1066.853726	1424.994239	582.3125616	1324.43305	1076.882951	1
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848.446277	1455.702559	1695.4346	467.5590024	179.3855329	1869.717333	1090.429789	436.5394496	1575.661296	2155.953378	0
1352.495366	745.9908242	287.2063417	410.4259175	552.7892483	1664.970589	1138.879876	340.7060713	1325.894477	1650.210612	0
1037.732131	454.6038122	2015.060038	543.0502665	1159.940311	1272.108075	893.6346814	312.0684534	611.8691375	1341.4244	1
1016.313273	1060.455208	1864.107069	489.4083326	460.4268779	1401.594775	2461.609859	157.3100402	832.9044998	1631.956963	1
964.9769305	942.6457941	1672.26833	412.7815238	507.3319837	224.4889033	543.1639342	720.6549983	829.319436	1015.522034	0
1876.556887	848.3256495	1153.956036	317.3633041	1337.229846	1941.962647	1002.743206	1186.723634	1378.878804	1225.355268	0
724.2604192	676.9549101	2127.771148	640.7441669	916.4369057	2020.215887	1167.276492	735.4630892	678.8452451	764.1541375	1
1062.915192	530.2472469	614.8214509	491.3463505	1092.035202	1068.824082	1540.68672	213.4229238	1210.928789	1730.783462	1
483.2453111	740.4762731	1702.064768	411.230846	781.4510354	990.0861433	1676.314066	454.3457698	395.1784607	1060.634362	1
1159.770581	401.9141316	1273.983227	309.4609141	1048.472262	1607.000867	768.7950479	374.28687	1968.365025	1687.8275859	0
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1439.09835	1085.862153	2097.166243	678.2527997	1168.87344	1499.404514	1065.05641	300.728951	878.9206886	2256.546235	0
857.3827252	658.1052966	746.684564	463.0320032	1650.48836	1797.469563	1920.826778	653.333485	1009.440068	1856.300395	0
1088.998003	1698.698006	2251.866365	618.7533073	750.6330876	1259.30543	925.1859145	222.9972838	1287.017823	908.9450933	0
1037.14636	686.9776442	2717.056669	465.0416483	1306.389408	1788.88141	2047.092589	650.8082177	491.8664327	1087.942501	1
689.6467989	1217.639331	1421.154588	487.0654246	1793	673.2071697	1365.275392	854.8597416	850.7632605	1606.3684	1
833.1262819	1023.44935	619.5142066	587.4262489	1272.980825	1833.785148	765.7184284	956.9011302	774.2535545	1946.588363	0
636.3336919	750.5159499	1662.494873	685.4905822	760.9250813	1881.474325	1224.344484	483.0381055	1055.241195	667.8275859	1
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1704.397474	212.6472859	1468.359375	405.8755644	1269.719081	930.4319749	1723.496784	591.8272432	1196.533206	1027.044437	0
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770.5767811	1048.517658	924.6855142	501.7095609	1001.178163	1939.218802	1451.036589	431.8925643	1541.269655	177.1401015	0
676.5050554	1381.521586	2050.2291	542.2734145	448.9539608	2065.063119	1532.048341	1085.258719	1018.104136	600.3317113	0
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1120.59129	813.6406182	2384.889244	512.9270333	1364.224614	2340.726295	2121.973554	385.2228837	1498.41509	1125.69324	1
1465.214823	1507.503133	1671.5017557	372.7422495	662.0225994	740.7236866	780.9468584	550.5783437	656.9516738	1267.13762	0
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548.0387905	1594.035469	772.5270804	529.5323008	682.0633661	1689.118881	561.8579299	469.827463	1334.667656	1501.605305	0
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920.7077733	1673.750307	1263.988689	637.8702636	729.6145208	1784.372877	2231.431109	1058.170869	733.641739	1905.8838	0
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1446.863149	1845.314418	2280.291078	515.3268470	810.8892923	1603.157076	1056.715802	1054.994405	472.6287982	1453.350799	0
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536.5873273	546.3467106	2087.263022	498.7165646	1524.829074	1854.072007	1983.458985	641.8033339	936.1470086	1337.278457	1
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951.6240794	443.1478138	1675.973273	635.9460713	909.7209115	2303.813335	1588.516621	552.8404625	1711.887149	1427.752463	1
1285.014192	1164.940928	952.3800065	807.5147403	1307.648051	1278.026937	883.3294171	668.6896759	12		

537.0595887	1149.885974	2008.448639	356.4411108	1140.355189	1555.687749	1577.242381	287.2142144	435.4061236	1981.301994	1
1649.380416	565.4307421	2073.112162	345.2878037	1487.235029	1330.367692	1682.854297	235.4763213	1365.074648	1192.758606	1
1058.678311	419.3153109	1709.138959	226.1296433	672.413723	1865.448934	2205.66153	306.0509882	1319.989035	1840.265214	1
1497.838317	789.3830037	1593.998968	277.4260181	920.2316354	1674.033154	1473.606107	218.3436556	374.1757539	1602.432493	1
1273.61657	604.3783205	1620.334397	443.375208	1562.795243	590.6475272	2317.696334	751.8281595	904.4200044	947.5583625	1
958.4646962	1057.989393	1823.77264	590.1258446	1527.579462	1715.298568	2238.572409	229.9850883	995.2690025	1157.187942	1
714.367102	1067.314469	1391.838578	743.0804858	966.686677	2417.978122	1688.718299	697.7850483	1206.584218	1630.041075	0
924.0472292	1712.359169	735.0280463	463.8608285	829.0693285	2211.135741	437.4614857	779.5943927	1464.349571	1757.153432	0
734.5595733	1261.387	1533.740737	261.9386334	156.5523948	1778.765664	1279.142363	1119.027083	1287.31626	805.6561732	0
1990.967015	827.7192556	525.7497585	328.2932973	1165.319712	1258.308671	1679.78053	871.5849449	930.724709	1155.537344	0
909.4550575	513.9300658	2086.051391	428.4636043	1637.248443	1327.973866	1976.710859	491.1730386	1114.722327	700.4334405	1
827.1963563	1620.755651	1404.8018	753.0746973	1107.370924	2134.01768	1581.242493	923.1612464	1034.040347	1555.540106	0
923.8940686	840.9922027	681.3821864	367.8523346	489.9286241	1202.987106	2209.354831	992.5605132	810.5309504	2278.396603	1
709.4902644	510.4426748	1890.064401	268.5684684	1279.753053	1300.825897	1326.109581	634.2770075	344.7893703	1671.303536	1
1095.139903	1542.793055	892.270832	448.6647848	685.0444933	1596.35649	1472.601993	447.8838491	1414.644218	1851.820465	0
1570.906021	760.8690286	1714.264689	680.8490992	816.1364233	1561.159935	457.4006547	349.0401992	1187.444346	1259.518666	1
693.8524362	645.463612	1450.619997	604.068836	1092.023319	1587.223379	767.9855529	397.9976373	861.1120334	729.8005757	1
1047.488718	830.0836583	2454.065215	542.2592329	1167.730386	1698.497535	1864.572901	420.8503984	1064.462763	193.5585083	1
218.8455094	625.5281524	1546.92678	359.1361437	489.6390098	1356.659577	1397.163837	602.6362068	843.803139	1459.420235	0
1184.259259	569.6395304	1672.062076	256.8300579	1706.809482	2122.141763	1161.83631	517.2112299	1369.503444	1581.146158	1
953.9977266	927.2981869	1455.198509	355.4975553	1285.026758	1739.37937	863.315059	654.3618931	123.4920376	1895.74471	0
1508.155567	1224.052496	1261.877113	453.0084171	1115.635422	2141.814742	1070.97598	1232.344787	1345.994221	371.8893762	1
959.4835214	938.2478922	2483.812405	545.6810409	1387.972905	2277.783005	1871.092052	697.8019864	666.0628575	940.09531	0
911.105673	1701.586738	1528.559268	589.8269526	1122.656125	1528.525598	503.3555274	676.735102	988.5447261	359.9420987	0
801.0669915	917.0751474	2088.429693	272.1910079	723.7156079	1157.330682	1338.45046	13.52	1351.017195	1045.90585	1
1387.907067	1189.54087	1636.521192	712.9491838	294.2131797	1365.888036	1994.041028	1072.481775	1547.675615	1166.343827	0
1198.003635	1330.612842	998.2566557	693.6408446	737.4098148	1301.002478	220.6104589	746.4010748	1709.585192	1718.454439	0
1598.355901	804.8563613	2327.606657	487.2515455	1592.13156	1310.582797	2190.68354	415.9936788	1073.575363	1978.636327	1
876.0746785	852.7956608	1534.366129	768.4394348	1149.89408	1545.233056	2009.755859	323.588088	1466.846072	1420.271628	1
1131.219918	1155.641805	1795.191152	401.5041947	396.5356693	1564.466551	3196.0	887.8113541	1165.820804	987.2111461	1
1091.537576	509.2644859	1283.380431	702.6017327	488.3292853	1739.770358	1569.854749	627.5702265	1556.81517	1944.758914	0
1564.993149	1467.282536	1664.876731	628.7319095	1131.379224	2026.30113	2051.643504	325.5631739	1822.368576	1388.068225	0
504.9024589	1415.526583	890.4392742	233.8551013	1366.748963	1295.850309	1210.667143	1096.378375	832.482427	1527.927298	0
484.9933763	1076.361953	2034.03882	132.9939629	582.7592154	1647.503139	1517.000957	655.4112385	1451.045666	2427.710327	1
1101.979607	1275.003752	1407.372944	320.4982313	672.7522826	822.8308963	1448.799415	168.3417657	430.3197381	1638.971599	1
729.0366592	851.5060929	1574.129617	274.8490239	1283.697009	897.9732325	1760.020301	294.1519153	936.3046382	2438.765925	0
840.5111887	831.0232998	1246.313441	601.3953243	927.8215269	1081.181413	2423.784811	214.0281837	1493.12436	1826.175227	1
1221.780339	1479.518622	1285.632726	616.8519544	748.0735471	1368.535141	1674.994867	119.4594329	1028.988631	2142.82536	0
649.6287734	870.8026705	918.4471805	397.8862306	1161.229061	1379.133424	2261.523086	206.6008615	1627.243192	1718.454439	0
1025.092017	1580.86734	1955.156325	497.2283881	574.5546556	1344.798593	2345.578283	749.312953	456.0688132	2321.15826	0
1494.265861	771.1421878	1364.39675	508.2165479	589.0892055	1853.02694	217.243825	448.4143741	1114.254728	2429.442145	0
1154.508299	1638.798962	783.7737536	156.8838454	1231.25758	1604.576014	2300.554127	990.1141201	1280.63004	174.2273824	1
594.0205413	1163.556502	2081.790742	551.8849439	478.0813435	1913.089504	1156.685466	1035.691083	965.000507	2388.076033	0
596.0732358	1249.368999	505.231382	393.2281484	1397.325132	1227.556846	1464.992444	269.6769109	1133.649487	1528.740587	1
1279.919434	1065.989907	1314.2098	405.6409848	576.6256425	2140.297092	641.6547815	389.3587269	488.8238794	1092.220777	0
1019.702091	1257.253206	1222.633548	591.0093371	702.6839367	2160.04963	1658.762406	147.110334	1374.083886	1941.942812	0
1590.40653	1027.066296	1146.598237	687.6237121	1218.112495	1853.937515	1903.931626	588.9350784	963.5429291	562.4878789	0
1172.893807	1140.368527	864.7519123	630.8518814	996.4507217	1849.949722	2487.273062	281.8910916	1015.874339	192.101441	0
1671.022814	1230.489716	1220.021438	371.1329337	485.207942	1365.640926	1021.611637	489.1354349	1664.560647	243.9423603	0
832.7774224	648.2128692	1045.534994	623.2795531	1297.473604	1615.355376	1174.83238	340.4808987	936.0064387	912.620386	1
1296.414101	1074.297688	1684.835303	845	1254.99757	1941.646603	1428.610653	724.6367905	1404.140249	1316.961369	1
1097.475015	812.2545915	1911.935578	791.176145	944.9736756	1900.989127	2065.047796	459.7285882	1093.031826	1265.574047	1
1109.844829	1094.657523	1237.038901	707.7166782	219.8027479	1956.667034	1555.630082	575.0300405	1345.781719	1718.066352	0
1424.425424	1222.329062	1627.987928	381.6029147	588.4334049	1913.240682	3183.29126	946.8639518	1195.782648	1030.277789	1
1011.871482	1195.525192	1519.441438	455.3820911	1605.865009	1374.651625	309.0031498	792.4652829	483.8494665	1742.04564	0
717.566583	2073.336598	1525.57649	382.278802	1323.983803	1900.921021	894.5300929	809.9944994	1483.081521	1048.51797	0
721.7366478	502.3784674	1836.29873	432.3176649	1309.465372	2179.054156	2354.176359	620.7572366	1704.438899	1259.752021	1
1182.160256	262.1694516	1348.142107	371.669625	1523.102598	886.2397737	766.7837751	709.250395	1253.54472	1741.335601	1
916.584235	1006.326036	2159.577975	532.5302545	843.4981835	2442.496243	1424.804275	263.9993054	1488.537528	791.7648205	1
1800.642639	494.3062147	1117.268334	482.9382903	796.8621587	1511.15668	886.1339904	840.2337292	1968.88218	1526.24368	0
567.8525808	853.9102682	1403.703545	137.8838248	1178.933308	1558.219616	2341.365256	581.6446134	1135.136561	628.7936795	1
1257.786298	926.9118295	1736.256261	739.7280125	928.4501935	1522.895526	325.7130221	509.8454618	822.2226692	1219.790777	0
1269.617312	427.0994132	928.3243906	605.8418116	711.2227214	1259.674601	1246.300333	572.277536	1393.582737	2380.328018	0
1257.969471	762.2348051	2192.153557	444.4553547	1211.859371	1046.361771	717.5490929	748.0502219	819.3565856	105.6547152	1
1263.554401	859.96393	1124.952267	413.711341	1671.868226	1258.697728	2005.89801	213.6134282	1428.519748	1763.806146	1
1158.436342	1218.888627	1045.302808	534.052712	749.9478519	1359.570793	1345.986787	159.4699991	533.098011	1936.035719	0
1025.432948	1053.091426	2306.507979	770.4511078	1075.427727	710.5349493	1279.224031	408.1453662	1408.641857	1471.726512	1
842.2080475	1129.710928	1761.397341	556.8239954	1720.812824	1374.829024	896.9845586	426.2268609	1053.430327	690.0309895	0
553.512785	1001.082125	1411.217737	509.3412776	979.9103493	2257.704361	1585.53619	617.8609803	840.4408678	2529.385403	0
974.9663942	1137.845295	1025.603862	376.3044712	599.9233351	971.7880232	2374.777767	380.9767116	464.2451155	1033.612123	1
1222.403649	667.7568457	1938.147275	468.0056623	1201.335984	1692.5026	2336.469298	195.6434092	664.5467366	1466.923663	1
560.6400548	1802.770512	2199.347026	373.3268075	1121.741745	947.368561	599.7780045	415.9053773	1080.873998	1751.037516	0
603.7299052	491.5195377	1206.708086	498.1032539	1088.104711	1203.008728	2476.996362	604.5533499	812.487846	989.213	

828.2037007	1563.627874	3077.739013	482.2667003	970.4744897	1338.859829	2517.231373	847.0705169	953.1530558	1613.916959	0
1696.180406	925.3772988	920.0958853	257.5566893	424.9419769	2150.245375	788.620136	573.7154499	1221.018573	1712.278493	0
1135.319786	485.6510052	2548.741418	378.430195	1357.875144	1330.456529	2252.212478	429.3483204	750.0935007	1617.581129	1
1588.018706	527.6744761	1879.159093	565.9889963	1491.769512	1878.071948	1028.80217	950.3769304	1352.620203	2090.74952	1
648.5616776	579.8115324	1832.646563	449.2676142	754.3963328	2199.414897	2414.64107	860.380032	1122.607138	2175.522875	0
1150.5179	520.7178429	2338.37393	507.2317426	1075.05441	940.3967538	739.3063867	516.5113665	1153.223696	2512.872245	1
478.5865546	1088.907863	394.5858468	410.2972007	1054.909621	1377.28313	1695.219928	602.24448	1969.304452	1651.082193	0
1091.419778	1459.656106	1208.16019	605.2603722	810.8237285	2126.533365	2058.364024	469.8837836	826.3002223	2380.829506	0
1539.690223	1033.713038	2357.005771	542.0568111	764.3539048	1514.671213	2146.761028	877.4461994	226.5736303	1272.853874	1
1353.222413	920.850002	1183.309554	207.5172733	555.87316	990.7778821	849.3331669	321.8983356	595.8821303	1765.693082	0
1685.208358	1460.462263	2210.045065	651.741054	853.8093001	1970.195432	1895.051939	596.5273254	1892.782869	1877.597228	0
1195.817157	926.0400761	332.7438079	588.0288469	897.5701534	1854.177368	1242.772158	532.7492249	1564.154862	640.0779932	0
1067.646837	894.2261753	2260.017119	480.2983755	1560.300488	1073.142522	1731.357038	350.4419318	479.2999403	1317.85562	1
435.6933171	1092.724224	262.998115	362.3335067	945.9460443	1230.304303	1228.118159	633.7023089	1708.75102	1073.713878	0
938.4356355	536.5871755	744.1608576	474.4267948	658.2825572	1807.982282	1407.183039	500.5253826	1240.797375	422.111432	0
1377.336984	724.6760357	2688.317409	230.0053988	1075.963263	1552.436437	1198.550278	510.0189199	1561.763407	342.5014249	1
991.0928552	1355.520911	1321.875959	518.7277229	133.4032795	1192.302212	445.9086652	734.4484849	1749.658838	1510.853456	0
881.9639471	504.6007808	1735.557876	474.4997684	1253.764111	1976.46468	2302.688587	758.7828714	848.1334256	521.037945	1
979.5310125	1323.835139	2515.119799	722.824788	740.4327264	1821.132362	773.1976875	1027.589331	1094.553354	1881.687421	0
1498.22118	1527.843109	1612.925429	406.2670786	829.1657695	1200.753841	1766.369955	215.4253809	402.0296342	1921.836554	1
1401.247532	327.7932503	1901.957864	456.6413093	612.1452165	1385.550419	2392.994214	521.9545174	688.0773572	1527.179565	0
1151.074348	1326.167453	982.6144134	676.7530385	467.596562	1266.154625	1641.41807	743.0428791	565.6931645	2110.574962	0
1096.283276	792.0040092	1869.87956	357.2518803	844.1117236	2030.5537	2703.284985	392.9299238	1380.576397	2391.666736	1
1000.883034	603.4139777	1781.777584	662.0806527	1592.740032	1362.214377	2241.484957	725.6888314	1173.178337	956.4459387	1
1437.335515	1600.201829	1294.713737	700.4783912	768.8843237	1628.171813	560.8226547	416.0420875	1570.544222	1450.024491	1
1067.094782	1400.26347	462.9564164	414.5282363	757.1063266	2272.995872	1331.411325	715.7055732	1002.077881	2412.339373	0
1169.729647	1343.552791	476.2910049	515.0187773	755.0702272	1845.235654	2688.856705	539.2744401	1222.044148	1961.639993	0
1395.112643	877.0266175	1930.405078	420.840246	1135.372934	2509.165507	1968.68137	371.3696542	1690.016625	775.1859641	1
1213.701723	1923.503348	463.006318	528.3325208	646.8202466	1110.083946	1181.804382	582.0856775	988.7872104	1470.102863	0
187.245121	753.2915578	2184.81639	428.4875817	1257.843352	1159.006875	1696.056666	416.1145811	1113.386299	1379.973286	1
642.2746616	1598.395843	1983.678827	536.4203908	905.944502	498.7841534	1110.921457	772.2032711	491.1219615	1241.820296	0
1160.130178	1424.882986	2685.683839	388.9660976	1521.79738	1770.177167	762.4673367	471.7213049	895.7441783	2122.102493	1
788.4057269	1540.60494	1156.776118	786.7976816	727.9429774	1377.910493	890.2213295	596.3854751	1200.185953	1302.693882	0
561.3824162	1527.646178	1573.555631	519.7878775	740.784615	1535.443415	846.0993132	175.673929	935.5300435	1104.199622	0
1113.616465	977.0031257	2071.369219	499.2483399	740.9620625	1717.702762	760.5582752	540.1328477	128.8234046	1664.630878	1
635.3810251	342.7793689	1644.051697	399.7392711	1083.412274	1209.661099	1940.133502	283.1458617	1607.024857	1192.320015	1
1252.147212	1020.212582	1522.005721	472.9407759	717.2719006	1574.411245	710.6069981	971.9259206	164.7302388	2053.706571	0
1491.461635	848.3904721	1383.572563	676.9065206	673.0435236	857.0230378	2213.186443	316.2547736	1036.654869	1462.742589	0
1376.039864	619.2444354	1784.958801	564.1749297	884.4688058	1174.706947	1833.201813	288.6851157	550.3131551	829.826886	1
1374.066826	1025.674843	1970.559967	293.88774	755.1544409	1337.37563	2023.491722	283.4766056	513.7448138	2388.334919	1
1545.482978	557.8606676	2185.376904	308.0918033	834.9561452	1429.811886	641.2683044	384.9675693	1039.283022	2351.835273	1
1082.365554	1403.686759	1079.668873	347.016942	287.1227643	1589.432044	2632.735557	397.2242371	920.8934938	1490.829411	0
1041.256157	660.4158402	1684.855524	588.532181	621.1336936	737.7722493	2807.017634	565.9403263	1440.073546	1649.594961	1
1429.763548	624.0516993	2591.180052	679.9792047	1211.859421	1111.011866	1116.664495	622.1305509	770.3723469	1541.994763	0
951.7666284	220.4197964	2131.858934	428.9294386	536.4407866	1492.01496	2384.542899	695.0035314	932.6562935	1479.051906	1
1679.656397	676.1523251	1639.43194	671.8649989	422.0116083	1433.465085	773.8714614	780.7172304	1618.536125	1342.940621	1
897.8868186	293.4527651	1836.608971	590.7018002	935.5587078	1940.276148	1575.641606	466.978766	1253.100727	745.2709127	1
876.2071466	674.8481364	2229.222535	363.4016539	736.5147501	585.324937	1454.7558	476.3184916	389.6194648	1376.154408	1
1044.078216	511.7305058	1471.606457	463.4013794	1439.383352	2037.838682	1358.948399	313.4535941	732.3808033	1506.777885	1
648.6911258	1188.990869	1990.331285	421.1045037	492.4779431	1031.621014	1656.188285	1339.850756	767.6940546	1893.656164	0
1343.0606	1289.142057	407.3074486	567.5647644	1000.953905	919.602401	485.2690588	668.0073966	1124.772996	2127.62829	0
938.847057	1142.884331	2096.064295	483.24222	522.7557708	1703.169782	2007.548635	533.5148162	379.2645966	567.2005451	1
921.994822	607.9969012	2065.482529	497.1077897	457.4304274	1577.506205	1659.197738	186.8545773	978.340107	1943.304912	1
1157.069348	602.7491604	1548.809995	646.8095283	1335.73782	1455.50439	2788.366441	552.3881069	1264.818079	1331.87902	1
1287.150025	1303.600085	2247.287535	664.3624792	1132.682562	991.7749408	2007.676371	251.9169482	846.1675114	952.8957511	1