

queryID	ground_truth_X	positioning_X	ground_truth_Y	positioning_Y	Distance
1	144.0	144.0	28.5	28.44295287000325	0.0570471299967501
2	144.0	143.8308789231692	28.5	28.90496101819151	0.4388568842836081
3	144.0	143.8308789231692	28.5	28.90496101819151	0.4388568842836081
4	144.0	143.99999999999997	28.5	27.63768945905757	0.8623105409424312
5	144.0	143.99999999999997	28.5	27.63768945905757	0.8623105409424312
6	144.0	144.0	30.0	29.132115194163656	0.8678848058363435
7	144.0	144.0	30.0	29.132115194163656	0.8678848058363435
8	144.0	144.0	30.0	29.132115194163656	0.8678848058363435
9	144.0	144.0	30.0	30.0	0.0
10	144.0	144.0	30.0	30.0	0.0
11	144.0	141.67368609683956	30.0	29.64434493840717	2.3533437698037574
12	144.0	144.0	30.0	30.0	0.0
13	144.0	144.0	30.0	30.0	0.0
14	144.0	141.2083845043045	31.5	30.701771126464312	2.9034955502554745
15	144.0	141.2083845043045	31.5	30.701771126464312	2.9034955502554745
16	144.0	143.09308845638128	31.5	29.816149282841007	1.9125485054308409
17	144.0	143.09308845638128	31.5	29.816149282841007	1.9125485054308409
18	144.0	142.21722986909325	31.5	30.476791598047594	2.0555351550093435
19	144.0	144.0	31.5	31.5	0.0
20	144.0	143.79179974570238	31.5	28.502160180504074	3.005060886112786
21	144.0	143.79179974570238	31.5	28.502160180504074	3.005060886112786
22	142.5	142.83934407754032	31.5	29.810211709203386	1.7235251291104026
23	142.5	142.83934407754032	31.5	29.810211709203386	1.7235251291104026
24	142.5	142.5322307062957	31.5	30.78463514475638	0.7160905630896464
25	142.5	142.5322307062957	31.5	30.78463514475638	0.7160905630896464
26	142.5	142.5322307062957	31.5	30.78463514475638	0.7160905630896464
27	142.5	140.95204430806535	31.5	31.28509482452517	1.5628023095192614
28	141.0	139.21830693458696	31.5	31.38592532556097	1.7853412028767153
29	141.0	141.0	31.5	31.5	0.0
30	141.0	139.09926246621797	31.5	31.499999999999996	1.900737533782035
31	141.0	138.40772093931008	31.5	31.500000000000007	2.5922790606899184
32	141.0	138.40772093931008	31.5	31.500000000000007	2.5922790606899184
33	141.0	136.550876996964	31.5	31.499999999999996	4.449123003035993
34	141.0	139.39233470925709	31.5	31.3663077954949	1.6132145835582241
35	141.0	138.6190996944411	31.5	31.5	2.380900305558896
36	139.5	138.09190023971973	31.5	31.5	1.4080997602802654
37	139.5	139.50401075994293	31.5	31.499999999999996	0.0040107599429290985
38	139.5	139.50401075994293	31.5	31.499999999999996	0.0040107599429290985

39	139.5	139.50401075994293	31.5	31.499999999999996	0.0040107599429290985
40	139.5	138.18728834634504	31.5	31.5	1.312711653654958
41	139.5	139.5	31.5	31.5	0.0
42	139.5	139.5	31.5	31.5	0.0
43	139.5	139.5	31.5	31.5	0.0
44	138.0	138.347562585224	31.5	31.499999999999996	0.3475625852240114
45	138.0	138.347562585224	31.5	31.499999999999996	0.3475625852240114
46	138.0	136.69068412944173	31.5	31.5	1.3093158705582653
47	138.0	138.16039263602826	31.5	31.5	0.1603926360282628
48	138.0	138.16039263602826	31.5	31.5	0.1603926360282628
49	138.0	138.16039263602826	31.5	31.5	0.1603926360282628
50	136.5	137.73670445911986	31.5	31.500000000000004	1.2367044591198635
51	87.0	87.0	36.0	36.0	0.0
52	87.0	87.0	36.0	36.0	0.0
53	87.0	87.0	36.0	36.0	0.0
54	87.0	87.0	36.0	36.0	0.0
55	87.0	87.0	36.0	36.0	0.0
56	88.5	88.5	36.0	36.0	0.0
57	88.5	89.76633165829145	36.0	35.999999999999999	1.266331658291449
58	88.5	89.76633165829145	36.0	35.999999999999999	1.266331658291449
59	88.5	89.76633165829145	36.0	35.999999999999999	1.266331658291449
60	88.5	90.349999999999998	36.0	36.000000000000001	1.849999999999998
61	88.5	90.349999999999998	36.0	36.000000000000001	1.849999999999998
62	88.5	90.349999999999998	36.0	36.000000000000001	1.849999999999998
63	88.5	90.349999999999998	36.0	36.000000000000001	1.849999999999998
64	88.5	88.5	36.0	36.0	0.0
65	88.5	88.5	36.0	36.0	0.0
66	90.0	88.5	36.0	36.0	1.5
67	90.0	88.5	36.0	36.0	1.5
68	90.0	90.0	36.0	36.0	0.0
69	90.0	90.0	36.0	36.0	0.0
70	90.0	90.0	36.0	36.0	0.0
71	90.0	90.0	36.0	36.0	0.0
72	90.0	90.0	36.0	36.0	0.0
73	90.0	90.0	36.0	36.0	0.0
74	90.0	90.0	36.0	36.0	0.0
75	90.0	90.0	36.0	36.0	0.0
76	90.0	90.0	36.0	36.0	0.0
77	90.0	90.0	36.0	36.0	0.0
78	91.5	90.34009546539377	36.0	36.0	1.159904534606227

79	91.5	90.34009546539377	36.0	36.0	1.159904534606227
80	91.5	90.34009546539377	36.0	36.0	1.159904534606227
81	91.5	93.455625	36.0	36.0	1.9556249999999977
82	91.5	93.455625	36.0	36.0	1.9556249999999977
83	91.5	93.455625	36.0	36.0	1.9556249999999977
84	91.5	90.91928864569084	36.0	36.0	0.5807113543091589
85	91.5	91.5	36.0	36.0	0.0
86	91.5	91.5	36.0	36.0	0.0
87	91.5	90.93784361637142	36.0	36.0	0.5621563836285759
88	91.5	90.93784361637142	36.0	36.0	0.5621563836285759
89	93.0	93.0	36.0	36.0	0.0
90	93.0	93.0	36.0	36.0	0.0
91	93.0	93.0	36.0	36.0	0.0
92	93.0	93.0	36.0	36.0	0.0
93	94.5	89.50313884785821	36.0	36.0	4.99686115214179
94	94.5	94.48609129814552	36.0	36.0	0.01390870185447568
95	94.5	94.48609129814552	36.0	36.0	0.01390870185447568
96	94.5	94.5	36.0	36.0	0.0
97	96.0	91.96782563570318	36.0	36.000000000000001	4.0321743642968215
98	96.0	98.95822871490529	36.0	36.0	2.958228714905289
99	96.0	97.88405569842564	36.0	35.999999999999999	1.884055698425641
100	96.0	93.54375307254723	36.0	36.0000000000000014	2.456246927452767
101	36.0	35.91446475488426	36.0	36.0	0.08553524511574295
102	36.0	35.91446475488426	36.0	36.0	0.08553524511574295
103	36.0	35.91446475488426	36.0	36.0	0.08553524511574295
104	36.0	37.97686366232365	36.0	36.0	1.9768636623236517
105	36.0	38.705429938601085	36.0	36.0	2.7054299386010854
106	36.0	38.705429938601085	36.0	36.0	2.7054299386010854
107	36.0	38.705429938601085	36.0	36.0	2.7054299386010854
108	36.0	38.72730443348765	36.0	36.0	2.727304433487653
109	37.5	37.5	36.0	36.0	0.0
110	37.5	37.28987288876795	36.0	36.0	0.21012711123204753
111	37.5	36.749644324630566	36.0	36.000000000000001	0.750355675369434
112	37.5	37.476747346164494	36.0	36.0	0.02325265383550601
113	37.5	37.476747346164494	36.0	36.0	0.02325265383550601
114	37.5	37.5	36.0	36.0	0.0
115	37.5	37.5	36.0	36.0	0.0
116	37.5	37.5	36.0	36.0	0.0
117	37.5	37.57970339590198	36.0	35.999999999999999	0.07970339590197995
118	37.5	37.57970339590198	36.0	35.999999999999999	0.07970339590197995

119	39.0	37.14608130264284	36.0	36.0	1.8539186973571589
120	39.0	39.0	36.0	36.0	0.0
121	39.0	39.0	36.0	36.0	0.0
122	39.0	39.0	36.0	36.0	0.0
123	39.0	38.9259813211685	36.0	36.000000000000014	0.07401867883150004
124	39.0	39.0	36.0	36.0	0.0
125	40.5	40.25473611207218	36.0	36.000000000000001	0.24526388792781972
126	40.5	40.5	36.0	36.0	0.0
127	40.5	40.5	36.0	36.0	0.0
128	40.5	40.207810615316966	36.0	35.999999999999986	0.29218938468303435
129	40.5	40.5	36.0	36.0	0.0
130	40.5	40.07035520965182	36.0	36.0000000000000014	0.4296447903481777
131	42.0	40.14773422207713	36.0	36.0	1.8522657779228666
132	42.0	40.14773422207713	36.0	36.0	1.8522657779228666
133	42.0	40.14773422207713	36.0	36.0	1.8522657779228666
134	42.0	41.96151191340497	36.0	35.98105768914072	0.042896899077161814
135	42.0	42.0	36.0	36.0	0.0
136	42.0	42.0	36.0	36.0	0.0
137	42.0	42.87069155033525	36.0	35.86715449963098	0.8807676781044479
138	42.0	42.87069155033525	36.0	35.86715449963098	0.8807676781044479
139	42.0	42.88563839916956	36.0	35.87115149608481	0.8949621841423241
140	43.5	43.5	36.0	36.0	0.0
141	43.5	43.5	36.0	36.0	0.0
142	43.5	43.5	36.0	36.0	0.0
143	43.5	43.370901051110415	36.0	35.67736785354263	0.34750257629561154
144	43.5	43.370901051110415	36.0	35.67736785354263	0.34750257629561154
145	43.5	43.370901051110415	36.0	35.67736785354263	0.34750257629561154
146	45.0	42.91671193876137	36.0	35.73556386381884	2.1000037181438143
147	45.0	43.63554419016852	36.0	35.729894228505145	1.390933781593401
148	45.0	43.567823995462646	36.0	35.761568328145955	1.4518876575395538
149	45.0	45.0	36.0	36.0	0.0
150	45.0	44.95523508819895	36.0	35.99213860784459	0.04544995946287789
151	72.0	72.000000000000001	27.0	26.893744440518381	0.10625559481619007
152	72.0	72.000000000000001	27.0	26.583890778499118	0.41610922150088214
153	72.0	72.0	27.0	26.24100526365488	0.7589947363451195
154	72.0	72.0	27.0	26.24100526365488	0.7589947363451195
155	72.0	72.0	27.0	26.24698886475288	0.7530111352471209
156	72.0	71.9455020815095	27.0	26.998236280196583	0.05452645071285926
157	72.0	71.9455020815095	27.0	26.998236280196583	0.05452645071285926
158	72.0	71.9455020815095	27.0	26.998236280196583	0.05452645071285926

159	72.0	71.9455020815095	27.0	26.998236280196583	0.05452645071285926
160	72.0	72.000000000000001	28.5	25.35502519686624	3.14497480313376
161	72.0	72.000000000000001	28.5	25.35502519686624	3.14497480313376
162	72.0	72.000000000000001	28.5	25.35502519686624	3.14497480313376
163	72.0	71.69124929094657	28.5	25.932248913452128	2.5862468255773217
164	72.0	72.0	28.5	28.5	0.0
165	72.0	72.0	28.5	28.5	0.0
166	72.0	72.0	28.5	28.5	0.0
167	72.0	71.67435270932447	28.5	30.52923453168124	2.0551980299941652
168	72.0	71.67435270932447	28.5	30.52923453168124	2.0551980299941652
169	72.0	72.01496657464995	30.0	30.09643462932784	0.09758911870875081
170	72.0	72.0	30.0	30.0	0.0
171	72.0	72.2328707718994	30.0	31.20078057241978	1.223152803007784
172	72.0	70.66268619967994	30.0	30.23858180475194	1.3584290478656502
173	72.0	70.66268619967994	30.0	30.23858180475194	1.3584290478656502
174	72.0	70.20878234366663	30.0	30.677715597402855	1.9151394527092616
175	72.0	70.20878234366663	30.0	30.677715597402855	1.9151394527092616
176	72.0	69.78802687843616	30.0	31.088955662094175	2.4654917409165784
177	72.0	72.0	31.5	31.5	0.0
178	72.0	72.0	31.5	31.5	0.0
179	72.0	72.0	31.5	31.5	0.0
180	72.0	71.04340491194937	31.5	31.518606217810493	0.9567760207194842
181	72.0	71.86488252473936	31.5	31.514815462360772	0.13592729691189262
182	72.0	72.0	31.5	31.5	0.0
183	72.0	71.86488252473936	31.5	31.514815462360772	0.13592729691189262
184	72.0	72.0	31.5	31.5	0.0
185	72.0	68.57298253227732	31.5	31.5	3.4270174677226777
186	72.0	68.53213615478649	31.5	31.70754368515914	3.474068800439695
187	70.5	70.5	31.5	31.5	0.0
188	70.5	70.5	31.5	31.5	0.0
189	70.5	69.50280678076885	31.5	31.499999999999996	0.9971932192311499
190	70.5	69.49101034540296	31.5	31.499999999999999	1.0089896545970447
191	70.5	69.49101034540296	31.5	31.499999999999999	1.0089896545970447
192	70.5	69.49101034540296	31.5	31.499999999999999	1.0089896545970447
193	70.5	70.23403856955628	31.5	31.5	0.2659614304437241
194	69.0	68.94504112137675	31.5	31.466003509587928	0.06462383229013575
195	69.0	68.94504112137675	31.5	31.466003509587928	0.06462383229013575
196	69.0	69.0	31.5	31.5	0.0
197	69.0	68.84508166523395	31.5	31.379804740267716	0.1960780225032825
198	69.0	69.0	31.5	31.5	0.0

199	69.0	69.0	31.5	31.5	0.0
200	69.0	69.0	31.5	31.5	0.0
201	0.0	0.0	22.5	23.25089972270841	0.7508997227084109
202	0.0	0.0	24.0	23.044315250452392	0.9556847495476077
203	0.0	0.0	24.0	23.044315250452392	0.9556847495476077
204	0.0	0.0	24.0	23.500847407241956	0.499152592758044
205	0.0	0.0	24.0	23.500847407241956	0.499152592758044
206	0.0	0.0	24.0	23.163111183797948	0.8368888162020518
207	0.0	0.0	24.0	22.98262990448118	1.017370095518821
208	0.0	0.0	24.0	22.98262990448118	1.017370095518821
209	0.0	0.0	24.0	21.391066807246244	2.6089331927537565
210	0.0	0.0	24.0	24.0	0.0
211	0.0	0.0	24.0	17.45758218451749	6.542417815482509
212	0.0	0.0	24.0	24.0	0.0
213	0.0	0.0	25.5	4.20089147577638	21.29910852422362
214	0.0	0.0	25.5	2.97703833129745	22.52296166870255
215	0.0	0.0	25.5	23.43316475475355	2.0668352452464482
216	0.0	0.0	25.5	23.43316475475355	2.0668352452464482
217	0.0	0.0	25.5	23.58107517054542	1.9189248294545784
218	0.0	0.0	25.5	24.71261957041854	0.7873804295814608
219	0.0	0.0	25.5	24.71261957041854	0.7873804295814608
220	0.0	0.0	27.0	24.595029764876926	2.4049702351230735
221	0.0	0.0	27.0	20.955984915543034	6.044015084456966
222	0.0	0.0	27.0	20.955984915543034	6.044015084456966
223	0.0	0.0	27.0	20.955984915543034	6.044015084456966
224	0.0	0.0	27.0	21.1936588140205	5.806341185979502
225	0.0	0.0	27.0	25.835602888641336	1.1643971113586638
226	0.0	0.0	27.0	25.835602888641336	1.1643971113586638
227	0.0	0.0	27.0	25.835602888641336	1.1643971113586638
228	0.0	0.0	27.0	19.402006006152682	7.597993993847318
229	0.0	0.0	28.5	26.507789985227276	1.9922100147727235
230	0.0	0.0	28.5	26.507789985227276	1.9922100147727235
231	0.0	0.0	28.5	28.5	0.0
232	0.0	0.0	28.5	28.5	0.0
233	0.0	0.0	28.5	28.5	0.0
234	0.0	0.0	28.5	28.5	0.0
235	0.0	0.0	28.5	28.5	0.0
236	0.0	0.0	28.5	28.5	0.0
237	0.0	0.0	30.0	29.92607541744996	0.07392458255003831
238	0.0	0.0	30.0	29.92607541744996	0.07392458255003831

239	0.0	0.0	30.0	29.92607541744996	0.07392458255003831
240	0.0	0.0	30.0	30.267279883535664	0.26727988353566445
241	0.0	0.0	30.0	30.482763433356595	0.48276343335659533
242	0.0	0.0	30.0	30.482763433356595	0.48276343335659533
243	0.0	0.0	30.0	30.482763433356595	0.48276343335659533
244	0.0	0.0	30.0	30.482763433356595	0.48276343335659533
245	0.0	0.0	31.5	30.924325455361412	0.5756745446385878
246	0.0	0.0	31.5	31.5	0.0
247	0.0	0.0	31.5	31.5	0.0
248	0.0	0.0	31.5	31.5	0.0
249	0.0	0.0	31.5	30.141591769734596	1.358408230265404
250	0.0	0.0	31.5	32.140912506777696	0.6409125067776955
251	96.0	93.54375307254723	36.0	36.000000000000014	2.456246927452767
252	96.0	94.52342086586233	36.0	36.000000000000001	1.4765791341376655
253	96.0	94.52342086586233	36.0	36.000000000000001	1.4765791341376655
254	97.5	94.66319282103474	36.0	36.0	2.836807178965259
255	97.5	97.5	36.0	36.0	0.0
256	97.5	97.5	36.0	36.0	0.0
257	97.5	90.8447734039034	36.0	36.0	6.655226596096597
258	97.5	97.5	36.0	36.0	0.0
259	97.5	97.5	36.0	36.0	0.0
260	97.5	97.5	36.0	36.0	0.0
261	99.0	99.0	36.0	36.0	0.0
262	99.0	101.72797345955803	36.0	36.0	2.7279734595580294
263	99.0	101.72797345955803	36.0	36.0	2.7279734595580294
264	99.0	94.20945066388963	36.0	36.0	4.790549336110374
265	99.0	97.06636005256243	36.0	36.0	1.9336399474375696
266	99.0	97.06636005256243	36.0	36.0	1.9336399474375696
267	99.0	97.06636005256243	36.0	36.0	1.9336399474375696
268	99.0	97.75724547931635	36.0	36.000000000000001	1.242754520683647
269	99.0	97.75724547931635	36.0	36.000000000000001	1.242754520683647
270	100.5	91.81157270029675	36.0	36.0	8.68842729970325
271	100.5	100.5	36.0	36.0	0.0
272	100.5	100.5	36.0	36.0	0.0
273	100.5	102.67790470883254	36.0	36.0	2.1779047088325427
274	100.5	100.5	36.0	36.0	0.0
275	100.5	100.5	36.0	36.0	0.0
276	100.5	100.5	36.0	36.0	0.0
277	102.0	94.55074560427332	36.0	36.0	7.449254395726683
278	102.0	103.58378462672601	36.0	36.000000000000001	1.5837846267260147

279	102.0	103.58378462672601	36.0	36.000000000000001	1.5837846267260147
280	102.0	102.39396691844345	36.0	36.0	0.39396691844345355
281	102.0	103.60572269050833	36.0	36.000000000000001	1.6057226905083297
282	102.0	102.0	36.0	36.0	0.0
283	103.5	103.5	36.0	36.0	0.0
284	103.5	104.5964963689642	36.0	36.0	1.0964963689641962
285	103.5	103.5	36.0	36.0	0.0
286	103.5	104.83698841388656	36.0	35.999999999999999	1.3369884138865586
287	103.5	104.83698841388656	36.0	35.999999999999999	1.3369884138865586
288	103.5	104.83698841388656	36.0	35.999999999999999	1.3369884138865586
289	103.5	105.05330182144019	36.0	36.0	1.5533018214401864
290	103.5	103.2945325420761	36.0	35.999999999999999	0.20546745792390197
291	103.5	103.2945325420761	36.0	35.999999999999999	0.20546745792390197
292	105.0	105.0	36.0	36.0	0.0
293	105.0	104.45258678015692	36.0	36.0	0.5474132198430794
294	105.0	105.0	36.0	36.0	0.0
295	105.0	104.90039233663536	36.0	36.0	0.09960766336463678
296	105.0	104.84719902838924	36.0	36.0	0.152800971610759
297	106.5	105.01136393843538	36.0	36.0	1.4886360615646197
298	106.5	104.69960943108444	36.0	36.0	1.8003905689155602
299	106.5	104.69960943108444	36.0	36.0	1.8003905689155602
300	106.5	105.68956172500462	36.0	36.000000000000001	0.8104382749953771
301	45.0	45.000000000000001	1.5	2.9230617736720794	1.4230617736720794
302	45.0	45.0	1.5	2.9384903640256956	1.4384903640256956
303	45.0	45.0	1.5	2.9384903640256956	1.4384903640256956
304	45.0	45.000000000000001	0.0	2.5010625124893857	2.5010625124893857
305	45.0	45.07485386866346	0.0	0.15815016591565048	0.17497021641706437
306	45.0	45.07651794840869	0.0	0.1547437882462594	0.17262860837496938
307	45.0	48.981546208815416	0.0	0.0	3.9815462088154163
308	46.5	46.299642567033004	0.0	0.8817578114646862	0.9042344491469663
309	46.5	46.299642567033004	0.0	0.8817578114646862	0.9042344491469663
310	46.5	46.312669492919646	0.0	0.8735447201807129	0.8934053374804645
311	46.5	46.312669492919646	0.0	0.8735447201807129	0.8934053374804645
312	46.5	46.6595407615686	0.0	0.0	0.15954076156859998
313	46.5	46.66375509348079	0.0	0.0	0.16375509348078765
314	46.5	49.48366818647684	0.0	0.0	2.983668186476841
315	48.0	49.500649418701656	0.0	0.0	1.5006494187016557
316	48.0	48.15420783986883	0.0	0.0	0.1542078398688318
317	48.0	48.15420783986883	0.0	0.0	0.1542078398688318
318	48.0	48.0	0.0	0.0	0.0



319	48.0	48.41327190820807	0.0	0.0	0.4132719082080669
320	48.0	48.13880032501242	0.0	0.0	0.13880032501241857
321	48.0	48.0	0.0	0.0	0.0
322	48.0	48.0	0.0	0.0	0.0
323	48.0	49.22271494945626	0.0	0.0	1.222714949456261
324	48.0	49.58872623215431	0.0	0.0	1.5887262321543076
325	49.5	50.36324190954256	0.0	0.0	0.863241909542559
326	49.5	49.52539966623664	0.0	0.0	0.025399666236637586
327	49.5	49.5	0.0	0.0	0.0
328	49.5	49.5	0.0	0.0	0.0
329	49.5	49.5	0.0	0.0	0.0
330	49.5	49.67462715455925	0.0	0.0	0.17462715455925348
331	49.5	50.63378311118175	0.0	0.0	1.1337831111817493
332	49.5	50.63378311118175	0.0	0.0	1.1337831111817493
333	49.5	50.63378311118175	0.0	0.0	1.1337831111817493
334	51.0	49.859683341152355	0.0	0.0	1.1403166588476452
335	51.0	51.0	0.0	0.0	0.0
336	51.0	50.99725144457582	0.0	0.0	0.0027485554241835075
337	51.0	50.99725144457582	0.0	0.0	0.0027485554241835075
338	51.0	50.99725144457582	0.0	0.0	0.0027485554241835075
339	51.0	51.0	0.0	0.0	0.0
340	52.5	52.5	0.0	0.0	0.0
341	52.5	52.49048416087153	0.0	0.0	0.009515839128468428
342	52.5	52.5	0.0	0.0	0.0
343	52.5	53.384835635839536	0.0	0.0	0.8848356358395364
344	52.5	53.890961566924865	0.0	0.0	1.3909615669248652
345	54.0	53.87043353487046	0.0	0.0	0.1295664651295425
346	54.0	52.676057883479686	0.0	0.0	1.323942116520314
347	54.0	52.676057883479686	0.0	0.0	1.323942116520314
348	54.0	53.12885461610382	0.0	0.0	0.8711453838961773
349	54.0	54.11197193244444	0.0	0.0	0.11197193244444037
350	54.0	54.11197193244444	0.0	0.0	0.11197193244444037
351	144.0	144.0	1.5	4.437433236685488	2.9374332366854876
352	144.0	144.0	1.5	4.437433236685488	2.9374332366854876
353	144.0	144.0	1.5	3.719764909511084	2.219764909511084
354	144.0	144.0	3.0	3.0	0.0
355	144.0	143.99999999999997	3.0	4.583893718356495	1.583893718356495
356	144.0	143.99999999999997	3.0	4.583893718356495	1.583893718356495
357	144.0	144.0	3.0	5.339895589405427	2.339895589405427
358	144.0	144.0	3.0	4.543702674987339	1.5437026749873386

359	144.0	144.0	3.0	4.543702674987339	1.5437026749873386
360	144.0	144.0	3.0	4.543702674987339	1.5437026749873386
361	144.0	143.99999999999997	3.0	4.453429139159467	1.453429139159467
362	144.0	144.0	3.0	3.0	0.0
363	144.0	144.0	3.0	3.0	0.0
364	144.0	143.53412142548564	4.5	3.7640613174384776	0.8710043574414105
365	144.0	143.53412142548564	4.5	3.7640613174384776	0.8710043574414105
366	144.0	144.0	4.5	4.5	0.0
367	144.0	144.0	4.5	3.919984237574932	0.5800157624250679
368	144.0	144.0	4.5	3.919984237574932	0.5800157624250679
369	144.0	144.0	4.5	3.919984237574932	0.5800157624250679
370	144.0	144.0	4.5	3.919984237574932	0.5800157624250679
371	144.0	144.0	4.5	4.5	0.0
372	144.0	144.0	6.0	4.566258300683724	1.4337416993162764
373	144.0	144.0	6.0	4.6756387836622055	1.3243612163377945
374	144.0	144.0	6.0	4.6756387836622055	1.3243612163377945
375	144.0	144.0	6.0	4.6756387836622055	1.3243612163377945
376	144.0	143.99999999999997	6.0	4.162685909028426	1.8373140909715744
377	144.0	144.00000000000003	7.5	7.243260662193813	0.2567393378061871
378	144.0	144.0	7.5	7.304571356199599	0.19542864380040115
379	144.0	144.0	7.5	7.304571356199599	0.19542864380040115
380	144.0	144.0	7.5	7.304571356199599	0.19542864380040115
381	144.0	144.0	7.5	6.893343518110429	0.606656481889571
382	144.0	144.0	7.5	6.893343518110429	0.606656481889571
383	144.0	144.0	7.5	4.578486723181267	2.9215132768187333
384	144.0	144.0	7.5	7.5	0.0
385	144.0	144.0	7.5	7.5	0.0
386	144.0	144.00000000000003	9.0	8.881701432827775	0.11829856717222498
387	144.0	144.00000000000003	9.0	8.881701432827775	0.11829856717222498
388	144.0	144.00000000000003	9.0	11.056967847868364	2.056967847868364
389	144.0	144.0	9.0	9.0	0.0
390	144.0	144.0	9.0	9.0	0.0
391	144.0	144.00000000000003	9.0	9.516921308666443	0.5169213086664435
392	144.0	144.0	9.0	10.14306394083035	1.1430639408303502
393	144.0	144.0	10.5	10.5	0.0
394	144.0	144.0	10.5	10.095369282955453	0.40463071704454734
395	144.0	144.0	10.5	10.095369282955453	0.40463071704454734
396	144.0	144.0	10.5	10.332716749127812	0.1672832508721882
397	144.0	144.0	10.5	10.332716749127812	0.1672832508721882
398	144.0	144.00000000000003	10.5	9.786431744256538	0.7135682557434624

399	144.0	144.0	12.0	12.0	0.0
400	144.0	144.0	12.0	12.0	0.0
401	136.5	137.73670445911986	31.5	31.500000000000004	1.2367044591198635
402	136.5	137.55246275185306	31.5	31.5	1.0524627518530565
403	136.5	137.55246275185306	31.5	31.5	1.0524627518530565
404	136.5	134.20656735207723	31.5	31.500000000000007	2.2934326479227707
405	136.5	136.5	31.5	31.5	0.0
406	136.5	136.5	31.5	31.5	0.0
407	135.0	135.63635050553685	31.5	31.5	0.6363505055368535
408	135.0	135.63635050553685	31.5	31.5	0.6363505055368535
409	135.0	133.97151422604477	31.5	31.500000000000004	1.0284857739552251
410	135.0	133.123874624875	31.5	31.500000000000007	1.8761253751250138
411	135.0	133.123874624875	31.5	31.500000000000007	1.8761253751250138
412	135.0	133.123874624875	31.5	31.500000000000007	1.8761253751250138
413	135.0	133.123874624875	31.5	31.500000000000007	1.8761253751250138
414	135.0	132.60053859964094	31.5	31.500000000000007	2.3994614003590584
415	135.0	132.60053859964094	31.5	31.500000000000007	2.3994614003590584
416	133.5	132.3744149765991	31.5	31.5	1.1255850234009017
417	133.5	132.3744149765991	31.5	31.5	1.1255850234009017
418	133.5	132.3744149765991	31.5	31.5	1.1255850234009017
419	133.5	132.3744149765991	31.5	31.5	1.1255850234009017
420	133.5	132.37735849056605	31.5	31.500000000000007	1.1226415094339472
421	133.5	133.5	31.5	31.5	0.0
422	133.5	133.5	31.5	31.5	0.0
423	132.0	132.23831775700936	31.5	31.499999999999996	0.2383177570093551
424	132.0	132.4886293792256	31.5	31.499999999999996	0.488629379225614
425	132.0	132.4886293792256	31.5	31.499999999999996	0.488629379225614
426	132.0	132.0	31.5	31.5	0.0
427	132.0	130.78237214363438	31.5	31.500000000000004	1.217627856365624
428	132.0	130.78237214363438	31.5	31.500000000000004	1.217627856365624
429	132.0	130.78237214363438	31.5	31.500000000000004	1.217627856365624
430	132.0	130.78237214363438	31.5	31.500000000000004	1.217627856365624
431	132.0	131.44736842105263	31.5	31.499999999999996	0.5526315789473699
432	130.5	130.5	31.5	31.5	0.0
433	130.5	130.5	31.5	31.5	0.0
434	130.5	130.5	31.5	31.5	0.0
435	130.5	130.5	31.5	31.5	0.0
436	130.5	130.5	31.5	31.5	0.0
437	130.5	130.50172018348624	31.5	31.5	0.0017201834862419219
438	130.5	130.42467248908298	31.5	31.5	0.07532751091702039

439	130.5	130.42467248908298	31.5	31.5	0.07532751091702039
440	129.0	129.0	31.5	31.5	0.0
441	129.0	129.0	31.5	31.5	0.0
442	129.0	129.0	31.5	31.5	0.0
443	129.0	126.95976447497547	31.5	31.500000000000007	2.040235525024528
444	129.0	126.95976447497547	31.5	31.500000000000007	2.040235525024528
445	127.5	128.98057636155897	31.5	31.5	1.480576361558974
446	127.5	128.98057636155897	31.5	31.5	1.480576361558974
447	127.5	128.98057636155897	31.5	31.5	1.480576361558974
448	127.5	128.98057636155897	31.5	31.5	1.480576361558974
449	127.5	129.4375	31.5	31.5	1.9375
450	127.5	129.4375	31.5	31.5	1.9375
451	72.0	72.0	16.5	16.5	0.0
452	72.0	72.0	16.5	16.5	0.0
453	72.0	71.99999999999999	16.5	16.455622287745097	0.044377712254902946
454	72.0	72.0	18.0	18.0	0.0
455	72.0	72.0	18.0	18.0	0.0
456	72.0	72.0	18.0	16.532874533741968	1.4671254662580324
457	72.0	72.0	18.0	16.53763617404539	1.4623638259546112
458	72.0	72.0	18.0	16.53763617404539	1.4623638259546112
459	72.0	72.0	18.0	16.53763617404539	1.4623638259546112
460	72.0	72.0	18.0	17.19020954998247	0.8097904500175304
461	72.0	72.0	19.5	18.0	1.5
462	72.0	72.0	19.5	19.5	0.0
463	72.0	72.0	19.5	19.5	0.0
464	72.0	72.0	19.5	19.5	0.0
465	72.0	71.99999999999999	19.5	18.975621008657733	0.5243789913422674
466	72.0	72.00000000000001	19.5	21.140943997852496	1.6409439978524958
467	72.0	71.99999999999997	19.5	21.16561154722714	1.6656115472271402
468	72.0	72.0	21.0	21.371277622005643	0.3712776220056426
469	72.0	72.0	21.0	21.16917291370914	0.16917291370914
470	72.0	72.0	21.0	21.16917291370914	0.16917291370914
471	72.0	72.0	21.0	21.16917291370914	0.16917291370914
472	72.0	72.0	21.0	21.16917291370914	0.16917291370914
473	72.0	72.0	21.0	21.16917291370914	0.16917291370914
474	72.0	72.0	21.0	21.16917291370914	0.16917291370914
475	72.0	72.0	21.0	21.0	0.0
476	72.0	72.0	21.0	21.0	0.0
477	72.0	72.0	22.5	22.391180841685284	0.10881915831471645
478	72.0	72.0	22.5	22.391180841685284	0.10881915831471645

479	72.0	72.0	22.5	22.391180841685284	0.10881915831471645
480	72.0	72.000000000000003	24.0	23.918785477937995	0.0812145220620053
481	72.0	72.000000000000001	24.0	23.878534343474147	0.12146565652585295
482	72.0	72.0	24.0	24.0	0.0
483	72.0	72.0	24.0	24.0	0.0
484	72.0	72.0	24.0	24.0	0.0
485	72.0	72.0	24.0	24.0	0.0
486	72.0	72.0	25.5	25.5	0.0
487	72.0	72.0	25.5	25.32618565124306	0.17381434875694168
488	72.0	72.0	25.5	25.32618565124306	0.17381434875694168
489	72.0	71.99999999999999	25.5	23.00939337196197	2.49060662803803
490	72.0	72.0	25.5	25.05333925988621	0.44666074011378853
491	72.0	72.0	25.5	25.04288048229209	0.45711951770790904
492	72.0	72.0	25.5	25.04288048229209	0.45711951770790904
493	72.0	72.0	25.5	25.04288048229209	0.45711951770790904
494	72.0	72.0	25.5	25.04288048229209	0.45711951770790904
495	72.0	72.0	25.5	25.04288048229209	0.45711951770790904
496	72.0	71.99999999999999	27.0	26.069574224366445	0.9304257756335552
497	72.0	72.34553376590853	27.0	28.465858226091616	1.5060325104005514
498	72.0	72.0	27.0	27.0	0.0
499	72.0	72.000000000000001	27.0	26.893744440518381	0.10625559481619007
500	72.0	72.000000000000001	27.0	26.893744440518381	0.10625559481619007
501	115.5	113.76453282457291	36.0	36.000000000000001	1.7354671754270896
502	115.5	113.76453282457291	36.0	36.000000000000001	1.7354671754270896
503	115.5	113.76453282457291	36.0	36.000000000000001	1.7354671754270896
504	115.5	113.76453282457291	36.0	36.000000000000001	1.7354671754270896
505	115.5	113.76453282457291	36.0	36.000000000000001	1.7354671754270896
506	115.5	113.61304053830793	36.0	36.0	1.8869594616920722
507	117.0	113.61304053830793	36.0	36.0	3.386959461692072
508	117.0	116.92266433289531	36.0	35.97401213522447	0.08158538179183114
509	117.0	116.92266433289531	36.0	35.97401213522447	0.08158538179183114
510	117.0	117.0	36.0	36.0	0.0
511	117.0	117.0	36.0	36.0	0.0
512	117.0	117.0	36.0	36.0	0.0
513	117.0	116.58543407998394	36.0	35.754333502589	0.48188891872396405
514	117.0	117.38677699342101	36.0	35.667598756059355	0.5099872837758633
515	117.0	117.38677699342101	36.0	35.667598756059355	0.5099872837758633
516	118.5	117.38677699342101	36.0	35.667598756059355	1.1617900194742838
517	118.5	117.87878586359477	36.0	35.434807811032876	0.8398507091972618
518	118.5	118.5	36.0	36.0	0.0

519	118.5	118.5	36.0	36.0	0.0
520	118.5	118.5	36.0	36.0	0.0
521	118.5	118.5	36.0	36.0	0.0
522	118.5	118.5	36.0	36.0	0.0
523	118.5	116.96893676164002	36.0	35.85852675469076	1.5375855485128846
524	118.5	118.5	36.0	36.0	0.0
525	118.5	116.2800724267038	34.5	35.508136751437284	2.4381177453681953
526	118.5	116.2800724267038	34.5	35.508136751437284	2.4381177453681953
527	118.5	118.27873639582961	34.5	34.72584313410421	0.31616878997219594
528	118.5	118.27873639582961	34.5	34.72584313410421	0.31616878997219594
529	118.5	118.27873639582961	34.5	34.72584313410421	0.31616878997219594
530	118.5	118.27873639582961	34.5	34.72584313410421	0.31616878997219594
531	118.5	118.33327436759242	33.0	34.28613125773926	1.2968928439295473
532	118.5	118.33327436759242	33.0	34.28613125773926	1.2968928439295473
533	118.5	118.33327436759242	33.0	34.28613125773926	1.2968928439295473
534	118.5	119.3192089057319	33.0	33.41418758882047	0.9179621941906796
535	118.5	119.3192089057319	33.0	33.41418758882047	0.9179621941906796
536	118.5	120.00786058131743	33.0	32.74971609951198	1.5284912703494375
537	118.5	122.26719552922738	33.0	31.7195661815669	3.9788532165459336
538	118.5	118.5	33.0	33.0	0.0
539	118.5	118.5	33.0	33.0	0.0
540	118.5	120.07905868530122	33.0	32.08624052532396	1.8243855703182517
541	118.5	120.48696487668471	33.0	31.80668653241369	2.317763243539242
542	118.5	120.41697175732222	31.5	31.32740585774059	1.9247258132817997
543	118.5	120.41697175732222	31.5	31.32740585774059	1.9247258132817997
544	118.5	119.31665086263281	31.5	31.063792039490274	0.9258488085270573
545	118.5	119.31665086263281	31.5	31.063792039490274	0.9258488085270573
546	118.5	120.36412749474518	31.5	31.319470884831865	1.8728486532788273
547	118.5	118.5	30.0	30.0	0.0
548	118.5	118.5	30.0	30.0	0.0
549	118.5	118.5	30.0	30.0	0.0
550	118.5	118.5	30.0	30.0	0.0
551	69.0	69.0	31.5	31.5	0.0
552	69.0	67.76364282041804	31.5	31.5	1.2363571795819581
553	69.0	67.76364282041804	31.5	31.5	1.2363571795819581
554	69.0	67.76364282041804	31.5	31.5	1.2363571795819581
555	69.0	67.76364282041804	31.5	31.5	1.2363571795819581
556	69.0	67.73143265261464	31.5	31.500000000000004	1.268567347385357
557	67.5	68.71463604188659	31.5	31.5	1.2146360418865925
558	67.5	68.71463604188659	31.5	31.5	1.2146360418865925

559	67.5	68.71463604188659	31.5	31.5	1.2146360418865925
560	67.5	68.45921941843656	31.5	31.184682474358524	1.0097163139627074
561	67.5	67.5	31.5	31.5	0.0
562	67.5	67.64366762402067	31.5	31.476731581022506	0.1455397042509549
563	67.5	67.64366762402067	31.5	31.476731581022506	0.1455397042509549
564	67.5	67.64366762402067	31.5	31.476731581022506	0.1455397042509549
565	67.5	68.26987777119518	31.5	31.36151039880266	0.7822347168339316
566	67.5	68.71189514910128	31.5	31.500000000000004	1.2118951491012808
567	67.5	68.71189514910128	31.5	31.500000000000004	1.2118951491012808
568	66.0	67.63706888287687	31.5	31.5	1.637068882876875
569	66.0	67.58689380276829	31.5	31.5	1.5868938027682873
570	66.0	67.80138786320181	31.5	31.500000000000004	1.8013878632018105
571	66.0	66.37641825387004	31.5	31.500000000000004	0.37641825387004246
572	66.0	66.37641825387004	31.5	31.500000000000004	0.37641825387004246
573	66.0	66.37641825387004	31.5	31.500000000000004	0.37641825387004246
574	64.5	64.5	31.5	31.5	0.0
575	64.5	64.5	31.5	31.5	0.0
576	64.5	64.5	31.5	31.5	0.0
577	64.5	64.5	31.5	31.5	0.0
578	64.5	64.10971443218888	31.5	31.499999999999993	0.39028556781111945
579	64.5	64.5	31.5	31.5	0.0
580	64.5	64.5	31.5	31.5	0.0
581	64.5	62.93078959176209	31.5	31.5	1.5692104082379075
582	63.0	62.9132310671241	31.5	31.500000000000004	0.08676893287589849
583	63.0	62.9132310671241	31.5	31.500000000000004	0.08676893287589849
584	63.0	63.0	31.5	31.5	0.0
585	63.0	62.035533647633926	31.5	31.500000000000007	0.9644663523660739
586	63.0	62.035533647633926	31.5	31.500000000000007	0.9644663523660739
587	63.0	62.035533647633926	31.5	31.500000000000007	0.9644663523660739
588	63.0	62.035533647633926	31.5	31.500000000000007	0.9644663523660739
589	63.0	61.81014422011474	31.5	31.499999999999996	1.1898557798852565
590	63.0	62.333284608207194	31.5	31.499999999999996	0.6667153917928061
591	63.0	62.333284608207194	31.5	31.499999999999996	0.6667153917928061
592	63.0	62.333284608207194	31.5	31.499999999999996	0.6667153917928061
593	61.5	62.42616825801742	31.5	31.5	0.9261682580174195
594	61.5	61.72334972579989	31.5	31.500000000000001	0.22334972579989198
595	61.5	61.72334972579989	31.5	31.500000000000001	0.22334972579989198
596	61.5	61.5	31.5	31.5	0.0
597	61.5	62.11473382958674	31.5	31.5	0.6147338295867399
598	61.5	61.5	31.5	31.5	0.0

599	61.5	61.5	31.5	31.5	0.0
600	61.5	61.5	31.5	31.5	0.0
601	45.0	45.0	18.0	18.0	0.0
602	45.0	45.000000000000014	18.0	17.485910478721898	0.5140895212781018
603	45.0	45.0	18.0	15.42819991610643	2.571800083893571
604	45.0	45.0	18.0	15.45575519249153	2.54424480750847
605	45.0	45.0	18.0	15.45575519249153	2.54424480750847
606	45.0	44.99999999999999	16.5	14.999562068529587	1.5004379314704135
607	45.0	45.000000000000001	16.5	16.228155991574965	0.27184400842503464
608	45.0	45.000000000000001	16.5	16.228155991574965	0.27184400842503464
609	45.0	45.000000000000001	16.5	16.228155991574965	0.27184400842503464
610	45.0	45.0	16.5	16.23677368367619	0.26322631632380933
611	45.0	45.0	16.5	16.23677368367619	0.26322631632380933
612	45.0	45.0	16.5	16.23677368367619	0.26322631632380933
613	45.0	45.0	16.5	16.5	0.0
614	45.0	45.0	16.5	16.5	0.0
615	45.0	45.0	16.5	16.435823635785425	0.06417636421457473
616	45.0	45.0	16.5	16.435823635785425	0.06417636421457473
617	45.0	45.0	15.0	15.0	0.0
618	45.0	44.99999999999999	15.0	14.97434691657774	0.02565308342225947
619	45.0	45.0	15.0	14.824706632193642	0.17529336780635774
620	45.0	45.0	15.0	14.573938255645965	0.4260617443540351
621	45.0	45.0	15.0	14.573938255645965	0.4260617443540351
622	45.0	45.0	15.0	15.0	0.0
623	45.0	44.99999999999999	15.0	14.955023104354051	0.044976895645948645
624	45.0	45.0	13.5	13.5	0.0
625	45.0	44.99999999999999	13.5	13.467474853378057	0.032525146621942724
626	45.0	45.0	13.5	13.228918553589919	0.27108144641008103
627	45.0	45.000000000000001	13.5	13.204910364930601	0.2950896350693988
628	45.0	44.999999999999986	12.0	12.150203547715813	0.15020354771581346
629	45.0	45.000000000000001	12.0	14.34615343582819	2.3461534358281906
630	45.0	45.0	12.0	12.034036087917597	0.03403608791759716
631	45.0	45.0	12.0	12.034036087917597	0.03403608791759716
632	45.0	45.0	12.0	12.0	0.0
633	45.0	44.99999999999999	12.0	12.132323341803144	0.13232334180314353
634	45.0	45.0	12.0	12.0	0.0
635	45.0	45.0	12.0	12.0	0.0
636	45.0	44.99999999999999	10.5	10.53038103917531	0.03038103917531032
637	45.0	45.0	10.5	10.5	0.0
638	45.0	45.000000000000014	10.5	10.434618836616405	0.06538116338359501



639	45.0	45.0	10.5	10.5	0.0
640	45.0	45.0	10.5	10.5	0.0
641	45.0	45.0	10.5	10.5	0.0
642	45.0	45.0	9.0	9.119464324807492	0.1194643248074918
643	45.0	45.000000000000001	9.0	9.759800473583596	0.7598004735835957
644	45.0	45.000000000000001	9.0	9.759800473583596	0.7598004735835957
645	45.0	45.000000000000001	9.0	9.759800473583596	0.7598004735835957
646	45.0	45.0	9.0	8.20765247050426	0.7923475294957392
647	45.0	45.000000000000001	9.0	9.683946351039037	0.6839463510390367
648	45.0	45.000000000000001	9.0	9.683946351039037	0.6839463510390367
649	45.0	45.000000000000001	9.0	9.683946351039037	0.6839463510390367
650	45.0	45.000000000000001	7.5	9.098385617884922	1.5983856178849223
651	27.0	27.436741196506077	36.0	36.000000000000001	0.4367411965060768
652	27.0	27.436741196506077	36.0	36.000000000000001	0.4367411965060768
653	27.0	27.0	36.0	36.0	0.0
654	28.5	24.05778732547887	36.0	35.99999999999999	4.44221267452113
655	28.5	27.85499865600991	36.0	35.99999999999999	0.6450013439900886
656	28.5	27.85499865600991	36.0	35.99999999999999	0.6450013439900886
657	28.5	27.902923308849466	36.0	35.99999999999999	0.5970766911505336
658	28.5	28.26089363945701	36.0	36.0	0.23910636054299061
659	28.5	28.5	36.0	36.0	0.0
660	28.5	28.5	36.0	36.0	0.0
661	28.5	28.5	36.0	36.0	0.0
662	30.0	28.995918751711514	36.0	36.0	1.004081248288486
663	30.0	30.0	36.0	36.0	0.0
664	30.0	30.451469867601848	36.0	36.0	0.4514698676018476
665	30.0	30.503491772292058	36.0	35.99999999999999	0.5034917722920582
666	30.0	30.503491772292058	36.0	35.99999999999999	0.5034917722920582
667	30.0	30.0	36.0	36.0	0.0
668	30.0	30.0	36.0	36.0	0.0
669	30.0	30.0	36.0	36.0	0.0
670	31.5	30.407649281860575	36.0	36.0	1.092350718139425
671	31.5	30.407649281860575	36.0	36.0	1.092350718139425
672	31.5	30.407649281860575	36.0	36.0	1.092350718139425
673	31.5	30.41134460408209	36.0	36.0	1.088655395917911
674	31.5	31.5	36.0	36.0	0.0
675	31.5	31.5	36.0	36.0	0.0
676	31.5	33.13304911626255	36.0	36.0	1.6330491162625478
677	33.0	33.0	36.0	36.0	0.0
678	33.0	32.8984683705994	36.0	36.000000000000001	0.10153162940059701

679	33.0	31.633688290412167	36.0	36.0	1.3663117095878334
680	33.0	34.021552708939424	36.0	36.0	1.0215527089394243
681	33.0	34.021552708939424	36.0	36.0	1.0215527089394243
682	33.0	34.0508821189025	36.0	36.0	1.0508821189025
683	33.0	34.0508821189025	36.0	36.0	1.0508821189025
684	33.0	34.0508821189025	36.0	36.0	1.0508821189025
685	33.0	34.08788422775879	36.0	36.0	1.0878842277587921
686	33.0	33.0	36.0	36.0	0.0
687	33.0	33.0	36.0	36.0	0.0
688	33.0	33.0	36.0	36.0	0.0
689	33.0	32.64697573342992	36.0	36.0	0.3530242665700811
690	33.0	31.903188852294008	36.0	35.99999999999999	1.096811147705992
691	34.5	33.379504931200074	36.0	36.0	1.1204950687999258
692	34.5	35.07355951250184	36.0	36.0	0.5735595125018378
693	34.5	35.07355951250184	36.0	36.0	0.5735595125018378
694	34.5	35.07355951250184	36.0	36.0	0.5735595125018378
695	34.5	35.65107257757681	36.0	36.000000000000001	1.1510725775768123
696	34.5	35.65107257757681	36.0	36.000000000000001	1.1510725775768123
697	34.5	35.65107257757681	36.0	36.000000000000001	1.1510725775768123
698	34.5	35.65861224582239	36.0	35.99999999999999	1.1586122458223898
699	36.0	35.94718135857377	36.0	36.000000000000001	0.05281864142622794
700	36.0	35.92270242411972	36.0	36.0	0.07729757588028008
701	64.5	64.5	0.0	0.0	0.0
702	64.5	64.5	0.0	0.0	0.0
703	64.5	64.5	0.0	0.0	0.0
704	64.5	64.61229822271753	0.0	0.0	0.1122982227175271
705	64.5	64.5	0.0	0.0	0.0
706	66.0	66.0	0.0	0.0	0.0
707	66.0	66.0	0.0	0.0	0.0
708	66.0	66.0	0.0	0.0	0.0
709	66.0	66.0	0.0	0.0	0.0
710	66.0	66.54849817209465	0.0	0.0	0.5484981720946536
711	66.0	67.00398980000354	0.0	0.0	1.0039898000035379
712	66.0	67.00398980000354	0.0	0.0	1.0039898000035379
713	66.0	67.00398980000354	0.0	0.0	1.0039898000035379
714	66.0	67.00398980000354	0.0	0.0	1.0039898000035379
715	66.0	66.99599155132131	0.0	0.0	0.9959915513213105
716	67.5	66.79691119343067	0.0	0.0	0.7030888065693262
717	67.5	66.79691119343067	0.0	0.0	0.7030888065693262
718	67.5	66.79691119343067	0.0	0.0	0.7030888065693262

719	67.5	66.37203915449138	0.0	0.0	1.1279608455086247
720	67.5	67.63169107856191	0.0	0.0	0.1316910785619143
721	67.5	67.63169107856191	0.0	0.0	0.1316910785619143
722	67.5	67.95738411068717	0.0	0.0	0.45738411068717255
723	67.5	67.63169107856191	0.0	0.0	0.1316910785619143
724	67.5	67.63169107856191	0.0	0.0	0.1316910785619143
725	67.5	67.05540449005034	0.0	0.0	0.44459550994966435
726	67.5	67.5	0.0	0.0	0.0
727	67.5	67.5	0.0	0.0	0.0
728	67.5	67.5	0.0	0.0	0.0
729	69.0	69.0	0.0	0.0	0.0
730	69.0	69.0	0.0	0.0	0.0
731	69.0	69.0	0.0	0.0	0.0
732	69.0	69.0	0.0	0.0	0.0
733	69.0	69.0	0.0	0.0	0.0
734	69.0	68.95911479369444	0.0	0.0	0.04088520630556047
735	69.0	68.95911479369444	0.0	0.0	0.04088520630556047
736	69.0	68.95911479369444	0.0	0.0	0.04088520630556047
737	69.0	67.84950286507359	0.0	0.0	1.150497134926411
738	69.0	67.86299766808177	0.0	0.0	1.1370023319182252
739	70.5	68.95830207559136	0.0	0.0	1.5416979244086377
740	70.5	70.5	0.0	0.0	0.0
741	70.5	70.5	0.0	0.0	0.0
742	70.5	70.5	0.0	0.0	0.0
743	70.5	70.5	0.0	0.0	0.0
744	70.5	69.83389305805727	0.0	0.0	0.6661069419427292
745	70.5	70.5	0.0	0.0	0.0
746	70.5	70.5	0.0	0.0	0.0
747	70.5	70.56061103238396	0.0	0.12012004599730522	0.13454561567380852
748	70.5	69.30569290391553	0.0	0.0	1.1943070960844722
749	70.5	69.30975131169218	0.0	0.0	1.1902486883078183
750	70.5	69.30496720782712	0.0	0.0	1.1950327921728814
751	52.5	52.692780299420725	31.5	31.500000000000004	0.1927802994207255
752	52.5	52.5	31.5	31.5	0.0
753	52.5	54.18082491356152	31.5	31.499999999999996	1.6808249135615227
754	52.5	51.07978486224934	31.5	31.148206995524315	1.4631368204970285
755	52.5	51.074761973504486	31.5	31.1492966795589	1.4677521082039837
756	52.5	51.074761973504486	31.5	31.1492966795589	1.4677521082039837
757	52.5	50.15707393799961	31.5	31.293109762539185	2.3520429635440836
758	51.0	50.15707393799961	31.5	31.293109762539185	0.8679446505141173

759	51.0	50.165895170213986	31.5	31.499999999999996	0.8341048297860141
760	51.0	50.165895170213986	31.5	31.499999999999996	0.8341048297860141
761	51.0	50.49625747506091	31.5	31.499999999999993	0.5037425249390921
762	51.0	49.19051836658587	31.5	31.5	1.80948163341413
763	51.0	48.87252794731129	31.5	31.5	2.1274720526887094
764	51.0	48.85004602727319	31.5	31.500000000000004	2.149953972726813
765	49.5	47.59071228905053	31.5	31.153220344258788	1.9405245921705458
766	49.5	48.878497615134066	31.5	31.499999999999996	0.6215023848659342
767	49.5	48.878497615134066	31.5	31.499999999999996	0.6215023848659342
768	49.5	48.84453165292741	31.5	31.5	0.6554683470725919
769	49.5	48.84453165292741	31.5	31.5	0.6554683470725919
770	49.5	48.8105727149984	31.5	31.5	0.6894272850015994
771	49.5	48.8105727149984	31.5	31.5	0.6894272850015994
772	49.5	48.8105727149984	31.5	31.5	0.6894272850015994
773	49.5	47.971046585395776	31.5	31.5	1.5289534146042243
774	49.5	47.971046585395776	31.5	31.5	1.5289534146042243
775	48.0	47.75484178098239	31.5	31.477134575502447	0.2462222166851324
776	48.0	48.075324330290975	31.5	31.500000000000004	0.07532433029097518
777	48.0	48.0	31.5	31.5	0.0
778	48.0	47.98462037856656	31.5	31.530874368825508	0.0344928892064638
779	48.0	49.21669904804708	31.5	31.499999999999996	1.216699048047083
780	48.0	47.78637152435165	31.5	31.30743071620732	0.28761094323454134
781	48.0	47.78637152435165	31.5	31.30743071620732	0.28761094323454134
782	48.0	47.78637152435165	31.5	31.30743071620732	0.28761094323454134
783	48.0	47.786329163949176	31.5	31.30710072226762	0.28786343555292293
784	48.0	47.786329163949176	31.5	31.30710072226762	0.28786343555292293
785	46.5	47.94051595997031	31.5	31.500000000000004	1.4405159599703126
786	46.5	47.78013682700055	31.5	31.850136068775285	1.3271569471997045
787	46.5	47.78013682700055	31.5	31.850136068775285	1.3271569471997045
788	46.5	47.619515491776966	31.5	31.8695335366598	1.1789274664053433
789	46.5	47.12580602550943	31.5	31.671534789153313	0.6488893322083399
790	46.5	47.12580602550943	31.5	31.671534789153313	0.6488893322083399
791	46.5	47.12580602550943	31.5	31.671534789153313	0.6488893322083399
792	46.5	46.54024134134499	31.5	31.52105579549557	0.04541709014451614
793	46.5	46.5	31.5	31.5	0.0
794	72.0	71.87581887268136	33.0	33.040868529794956	0.1307332746844828
795	72.0	72.15513673118879	33.0	33.268382087041964	0.30999411286174955
796	72.0	72.15513673118879	33.0	33.268382087041964	0.30999411286174955
797	72.0	69.49080295349329	33.0	32.78246756400686	2.5186087784543125
798	72.0	71.98766853632497	33.0	33.13164844945634	0.13222473006449154

799	72.0	72.0	33.0	33.0	0.0
800	72.0	72.15987173471473	33.0	33.201017018377726	0.2568400538042445
801	4.5	3.5706359344034944	36.0	35.999999999999986	0.9293640655965056
802	4.5	3.5706359344034944	36.0	35.999999999999986	0.9293640655965056
803	4.5	3.5706359344034944	36.0	35.999999999999986	0.9293640655965056
804	4.5	4.5	36.0	36.0	0.0
805	4.5	4.5	36.0	36.0	0.0
806	6.0	6.0	36.0	36.0	0.0
807	6.0	5.445151505675599	36.0	36.0	0.5548484943244008
808	6.0	5.445151505675599	36.0	36.0	0.5548484943244008
809	6.0	5.39263940520446	36.0	35.999999999999999	0.6073605947955398
810	6.0	5.39263940520446	36.0	35.999999999999999	0.6073605947955398
811	6.0	5.39263940520446	36.0	35.999999999999999	0.6073605947955398
812	6.0	5.39263940520446	36.0	35.999999999999999	0.6073605947955398
813	6.0	5.39263940520446	36.0	35.999999999999999	0.6073605947955398
814	6.0	4.672986676004152	36.0	36.0	1.327013323995848
815	6.0	4.672986676004152	36.0	36.0	1.327013323995848
816	6.0	4.672986676004152	36.0	36.0	1.327013323995848
817	6.0	4.672986676004152	36.0	36.0	1.327013323995848
818	6.0	5.319797578939156	36.0	36.0	0.6802024210608444
819	7.5	7.1573845276563395	36.0	36.000000000000014	0.3426154723436605
820	7.5	7.5	36.0	36.0	0.0
821	7.5	4.709794499539925	36.0	36.0	2.7902055004600754
822	7.5	5.863245584805065	36.0	36.0	1.6367544151949351
823	7.5	5.863245584805065	36.0	36.0	1.6367544151949351
824	7.5	5.863245584805065	36.0	36.0	1.6367544151949351
825	7.5	5.863245584805065	36.0	36.0	1.6367544151949351
826	7.5	5.863245584805065	36.0	36.0	1.6367544151949351
827	9.0	9.606154331702697	36.0	35.999999999999986	0.6061543317026974
828	9.0	9.349595840705897	36.0	36.000000000000001	0.3495958407058968
829	9.0	9.606154331702697	36.0	35.999999999999986	0.6061543317026974
830	9.0	9.606154331702697	36.0	35.999999999999986	0.6061543317026974
831	9.0	9.606154331702697	36.0	35.999999999999986	0.6061543317026974
832	9.0	9.0	36.0	36.0	0.0
833	9.0	9.0	36.0	36.0	0.0
834	9.0	10.04068091981495	36.0	36.0	1.0406809198149496
835	9.0	10.04068091981495	36.0	36.0	1.0406809198149496
836	10.5	10.043475550040835	36.0	36.0	0.45652444995916497
837	10.5	10.043475550040835	36.0	36.0	0.45652444995916497
838	10.5	10.841523338503551	36.0	35.999999999999999	0.341523338503551

839	10.5	10.815937940761637	36.0	36.000000000000014	0.3159379407616374
840	10.5	11.522291599801594	36.0	36.0	1.0222915998015942
841	10.5	11.599104543207165	36.0	36.0	1.099104543207165
842	10.5	10.83587760478233	36.0	36.0	0.33587760478233086
843	12.0	11.802911026788246	36.0	36.000000000000001	0.19708897321175378
844	12.0	11.867556299523635	36.0	36.0	0.13244370047636522
845	12.0	11.867556299523635	36.0	36.0	0.13244370047636522
846	12.0	12.0	36.0	36.0	0.0
847	12.0	11.501424929578238	36.0	36.0	0.4985750704217615
848	12.0	11.501424929578238	36.0	36.0	0.4985750704217615
849	12.0	11.501424929578238	36.0	36.0	0.4985750704217615
850	12.0	11.501424929578238	36.0	36.0	0.4985750704217615
851	61.5	61.5	31.5	31.5	0.0
852	60.0	60.0	31.5	31.5	0.0
853	60.0	61.465275427189326	31.5	31.499999999999996	1.4652754271893258
854	60.0	61.65984541588074	31.5	31.5	1.6598454158807385
855	60.0	61.65984541588074	31.5	31.5	1.6598454158807385
856	60.0	61.65984541588074	31.5	31.5	1.6598454158807385
857	60.0	61.65984541588074	31.5	31.5	1.6598454158807385
858	60.0	61.65984541588074	31.5	31.5	1.6598454158807385
859	60.0	61.864066637743704	31.5	31.499999999999993	1.8640666377437043
860	60.0	61.70793193622317	31.5	31.5	1.7079319362231686
861	60.0	61.70793193622317	31.5	31.5	1.7079319362231686
862	60.0	61.6949299874957	31.5	31.500000000000007	1.6949299874956978
863	60.0	61.68080801362363	31.5	31.500000000000007	1.6808080136236327
864	60.0	61.68080801362363	31.5	31.500000000000007	1.6808080136236327
865	58.5	61.61017533629337	31.5	31.5	3.1101753362933735
866	58.5	61.57341301234629	31.5	31.5	3.0734130123462933
867	58.5	58.5	31.5	31.5	0.0
868	58.5	58.5	31.5	31.5	0.0
869	58.5	58.5	31.5	31.5	0.0
870	58.5	61.0280271269584	31.5	31.500000000000004	2.528027126958399
871	58.5	57.29681495304045	31.5	31.5	1.2031850469595469
872	58.5	57.2562487970484	31.5	31.5	1.2437512029516
873	58.5	57.29681495304045	31.5	31.5	1.2031850469595469
874	58.5	57.29681495304045	31.5	31.5	1.2031850469595469
875	58.5	57.29681495304045	31.5	31.5	1.2031850469595469
876	57.0	57.77553537962211	31.5	31.5	0.7755353796221129
877	57.0	57.81721365326326	31.5	31.500000000000004	0.8172136532632592
878	57.0	57.81721365326326	31.5	31.500000000000004	0.8172136532632592

879	57.0	57.81721365326326	31.5	31.500000000000004	0.8172136532632592
880	57.0	59.50989669224636	31.5	31.5	2.5098966922463575
881	57.0	56.16308533478016	31.5	31.499999999999996	0.8369146652198367
882	57.0	56.16308533478016	31.5	31.499999999999996	0.8369146652198367
883	57.0	56.143398926187324	31.5	31.500000000000004	0.8566010738126764
884	57.0	56.143398926187324	31.5	31.500000000000004	0.8566010738126764
885	57.0	57.0	31.5	31.5	0.0
886	55.5	57.23797625235628	31.5	31.5	1.7379762523562832
887	55.5	54.980457798180645	31.5	31.375476098409244	0.5342567749113605
888	55.5	54.980457798180645	31.5	31.375476098409244	0.5342567749113605
889	55.5	54.97314148565029	31.5	31.378550657773115	0.5406753525639288
890	55.5	54.97314148565029	31.5	31.378550657773115	0.5406753525639288
891	55.5	55.5	31.5	31.5	0.0
892	55.5	55.5	31.5	31.5	0.0
893	54.0	54.488607104982016	31.5	31.39646359308044	0.49945639509042167
894	54.0	53.932587549934	31.5	31.48285956725793	0.069557406927563
895	54.0	53.932587549934	31.5	31.48285956725793	0.069557406927563
896	54.0	50.79103461481182	31.5	31.500000000000004	3.208965385188179
897	54.0	50.79103461481182	31.5	31.500000000000004	3.208965385188179
898	54.0	51.2069721836964	31.5	31.500000000000007	2.7930278163035993
899	52.5	52.854948987767756	31.5	31.500000000000007	0.35494898776775585
900	52.5	52.692780299420725	31.5	31.500000000000004	0.1927802994207255
901	139.5	140.43315683473574	0.0	0.32776748623260465	0.98904661328234
902	139.5	139.5	0.0	0.0	0.0
903	139.5	139.7729048006509	0.0	0.0	0.27290480065090605
904	139.5	140.1722272317403	0.0	0.0	0.672227231740294
905	139.5	140.1722272317403	0.0	0.0	0.672227231740294
906	139.5	140.1722272317403	0.0	0.0	0.672227231740294
907	139.5	140.21751468565935	0.0	0.0	0.7175146856593528
908	139.5	140.21751468565935	0.0	0.0	0.7175146856593528
909	139.5	140.40404008540042	0.0	0.0	0.9040400854004247
910	139.5	140.40404008540042	0.0	0.0	0.9040400854004247
911	141.0	141.0	0.0	0.0	0.0
912	141.0	140.19498079558795	0.0	0.0	0.8050192044120479
913	141.0	140.37398877042702	0.0	0.0	0.6260112295729812
914	141.0	140.37398877042702	0.0	0.0	0.6260112295729812
915	141.0	140.2752659574468	0.0	0.0	0.7247340425531945
916	141.0	140.9238193683638	0.0	0.3589038774476074	0.36689982540663096
917	141.0	140.29388116662682	0.0	0.0	0.706118833373182
918	141.0	140.29388116662682	0.0	0.0	0.706118833373182

919	142.5	142.48908903432164	0.0	0.31534479493276657	0.3155334987972323
920	142.5	142.48908903432164	0.0	0.31534479493276657	0.3155334987972323
921	142.5	141.63024892689083	0.0	0.3238777414186239	0.9280968271473531
922	142.5	142.5	0.0	0.0	0.0
923	142.5	142.04904756621548	0.0	0.363839247345896	0.5794282487464792
924	142.5	141.80674120646535	0.0	0.39543053818180396	0.7981059236341215
925	142.5	141.80674120646535	0.0	0.39543053818180396	0.7981059236341215
926	142.5	141.80674120646535	0.0	0.39543053818180396	0.7981059236341215
927	142.5	141.55928096407035	0.0	0.6716259819190219	1.1558692677587261
928	142.5	141.81138513175392	0.0	0.20637447889921473	0.7188747194821116
929	142.5	141.81138513175392	0.0	0.20637447889921473	0.7188747194821116
930	142.5	141.81138513175392	0.0	0.20637447889921473	0.7188747194821116
931	144.0	143.6513900967324	0.0	0.7324883048642461	0.8112138937537638
932	144.0	143.6513900967324	0.0	0.7324883048642461	0.8112138937537638
933	144.0	143.6513900967324	0.0	0.7324883048642461	0.8112138937537638
934	144.0	143.2744602918005	0.0	0.3339540403937056	0.7987071861887212
935	144.0	143.2744602918005	0.0	0.3339540403937056	0.7987071861887212
936	144.0	143.2744602918005	0.0	0.3339540403937056	0.7987071861887212
937	144.0	143.2744602918005	0.0	0.3339540403937056	0.7987071861887212
938	144.0	144.0	0.0	0.0	0.0
939	144.0	144.0	0.0	0.0	0.0
940	144.0	144.0	1.5	1.5	0.0
941	144.0	144.0	1.5	1.5	0.0
942	144.0	144.0	1.5	1.5	0.0
943	144.0	144.0	1.5	1.5	0.0
944	144.0	144.0	1.5	1.5	0.0
945	144.0	143.28352770764798	1.5	0.7371775205315749	1.0465326946113622
946	144.0	143.2747487626834	1.5	0.9055990372025681	0.937710969224404
947	144.0	143.2747487626834	1.5	0.9055990372025681	0.937710969224404
948	144.0	143.2747487626834	1.5	0.9055990372025681	0.937710969224404
949	144.0	142.07584644472752	1.5	1.311829969364497	1.933332579950253
950	144.0	144.0	1.5	4.437433236685488	2.9374332366854876
951	0.0	0.0	16.5	15.234925606891148	1.2650743931088524
952	0.0	0.0	16.5	15.651195784353467	0.848804215646533
953	0.0	0.0	16.5	16.5	0.0
954	0.0	0.0	16.5	16.5	0.0
955	0.0	0.0	16.5	16.5	0.0
956	0.0	0.0	16.5	15.526534771164133	0.9734652288358667
957	0.0	0.0	16.5	15.480011844832694	1.0199881551673062
958	0.0	0.0	18.0	15.480011844832694	2.5199881551673062



959	0.0	0.0	18.0	15.480011844832694	2.5199881551673062
960	0.0	0.0	18.0	15.195214965667914	2.8047850343320864
961	0.0	0.0	18.0	15.195214965667914	2.8047850343320864
962	0.0	0.0	18.0	15.195214965667914	2.8047850343320864
963	0.0	0.0	18.0	21.482744967992573	3.4827449679925735
964	0.0	0.0	18.0	21.482744967992573	3.4827449679925735
965	0.0	0.0	18.0	18.007188418825894	0.007188418825894161
966	0.0	0.0	18.0	18.0	0.0
967	0.0	0.0	18.0	18.0	0.0
968	0.0	0.0	19.5	18.749221949851307	0.7507780501486927
969	0.0	0.0	19.5	19.92258531801213	0.4225853180121284
970	0.0	0.0	19.5	19.32939366368503	0.17060633631497168
971	0.0	0.0	19.5	19.5	0.0
972	0.0	0.0	19.5	19.5	0.0
973	0.0	0.0	19.5	19.5	0.0
974	0.0	0.0	19.5	19.5	0.0
975	0.0	0.0	19.5	19.5	0.0
976	0.0	0.0	19.5	19.5	0.0
977	0.0	0.0	19.5	19.5	0.0
978	0.0	0.0	19.5	19.5	0.0
979	0.0	0.0	19.5	19.5	0.0
980	0.0	0.0	21.0	21.16931673670824	0.16931673670823955
981	0.0	0.0	21.0	21.16931673670824	0.16931673670823955
982	0.0	0.0	21.0	21.0	0.0
983	0.0	0.0	21.0	21.0	0.0
984	0.0	0.0	21.0	21.0	0.0
985	0.0	0.0	21.0	21.0	0.0
986	0.0	0.0	21.0	21.0	0.0
987	0.0	0.0	21.0	21.0	0.0
988	0.0	0.0	21.0	21.56411660682433	0.5641166068243315
989	0.0	0.0	21.0	21.56411660682433	0.5641166068243315
990	0.0	0.0	21.0	21.56411660682433	0.5641166068243315
991	0.0	0.0	22.5	20.383722587146032	2.116277412853968
992	0.0	0.0	22.5	20.383722587146032	2.116277412853968
993	0.0	0.0	22.5	20.383722587146032	2.116277412853968
994	0.0	0.0	22.5	16.392305020052845	6.107694979947155
995	0.0	0.0	22.5	20.206822185272372	2.2931778147276276
996	0.0	0.0	22.5	20.018852691314695	2.481147308685305
997	0.0	0.0	22.5	22.5	0.0
998	0.0	0.0	22.5	22.5	0.0

999	0.0	0.0	22.5	23.25089972270841	0.7508997227084109
1000	0.0	0.0	22.5	23.25089972270841	0.7508997227084109
1001	118.5	118.5	21.0	21.673224814046613	0.6732248140466126
1002	118.5	118.5	19.5	21.085480348986287	1.5854803489862874
1003	118.5	118.5	19.5	21.085480348986287	1.5854803489862874
1004	118.5	118.5	19.5	21.085480348986287	1.5854803489862874
1005	118.5	118.5	19.5	21.581794422036808	2.0817944220368076
1006	118.5	118.5	19.5	21.581794422036808	2.0817944220368076
1007	118.5	118.5	19.5	22.13581174020291	2.635811740202911
1008	118.5	118.5	18.0	20.478672081141788	2.478672081141788
1009	118.5	118.5	18.0	20.478672081141788	2.478672081141788
1010	118.5	118.5	18.0	21.129988159556078	3.1299881595560777
1011	118.5	118.5	18.0	21.129988159556078	3.1299881595560777
1012	118.5	118.5	18.0	21.129988159556078	3.1299881595560777
1013	118.5	118.5	18.0	20.492870785386955	2.4928707853869554
1014	118.5	118.5	18.0	18.0	0.0
1015	118.5	118.5	16.5	16.5	0.0
1016	118.5	118.49999999999999	16.5	18.33795173580446	1.8379517358044595
1017	118.5	118.5	16.5	14.459018664081166	2.0409813359188345
1018	118.5	118.50000000000001	16.5	14.066931816381183	2.4330681836188166
1019	118.5	118.5	16.5	16.40194774855105	0.09805225144895147
1020	118.5	118.5	16.5	16.40194774855105	0.09805225144895147
1021	118.5	118.5	16.5	14.334444763701224	2.1655552362987756
1022	118.5	118.5	16.5	13.812845643927615	2.6871543560723854
1023	118.5	118.5	15.0	11.506575163899857	3.493424836100143
1024	118.5	118.5	15.0	15.0	0.0
1025	118.5	118.49999999999999	15.0	15.029190215234802	0.029190215234802253
1026	118.5	118.49999999999999	15.0	15.392426765171278	0.39242676517127784
1027	118.5	118.49999999999999	15.0	15.392426765171278	0.39242676517127784
1028	118.5	118.5	15.0	13.42021143057644	1.5797885694235596
1029	118.5	118.5	15.0	13.42021143057644	1.5797885694235596
1030	118.5	118.49999999999997	15.0	13.512886914733937	1.4871130852660635
1031	118.5	118.50000000000001	15.0	13.495007157266626	1.5049928427333743
1032	118.5	118.50000000000001	15.0	12.26205545835881	2.7379445416411894
1033	118.5	118.49999999999999	15.0	12.469341616905645	2.530658383094355
1034	118.5	118.5	13.5	12.467244649615955	1.0327553503840452
1035	118.5	118.49999999999997	13.5	11.477658533767954	2.022341466232046
1036	118.5	118.49999999999999	13.5	11.623973863247528	1.876026136752472
1037	118.5	118.5	13.5	12.463021323603668	1.0369786763963322
1038	118.5	118.5	13.5	12.77939550996037	0.72060449003963

1039	118.5	118.5	13.5	12.77939550996037	0.72060449003963
1040	118.5	118.5	13.5	12.77939550996037	0.72060449003963
1041	118.5	118.5	13.5	13.5	0.0
1042	118.5	118.5	13.5	13.5	0.0
1043	118.5	118.5	12.0	11.810436645549736	0.1895633544502644
1044	118.5	118.49999999999999	12.0	11.684548218293584	0.3154517817064164
1045	118.5	118.49999999999999	12.0	11.684548218293584	0.3154517817064164
1046	118.5	118.49999999999999	12.0	11.684548218293584	0.3154517817064164
1047	118.5	118.50000000000001	12.0	12.862100567783376	0.8621005677833757
1048	118.5	118.50000000000001	12.0	11.201449677508165	0.7985503224918347
1049	118.5	118.50000000000001	12.0	11.201449677508165	0.7985503224918347
1050	118.5	118.50000000000001	12.0	11.201449677508165	0.7985503224918347
1051	72.0	72.29469854469855	33.0	33.3660541245287	0.46993920280384843
1052	72.0	72.29469854469855	33.0	33.3660541245287	0.46993920280384843
1053	72.0	72.41140562051685	33.0	33.505035865186194	0.6513952791640558
1054	72.0	72.4435126030304	34.5	33.87191176496439	0.7688941799994007
1055	72.0	75.49199366531761	34.5	35.066306208308674	3.53761536634316
1056	72.0	74.49032840897014	34.5	34.58178339887342	2.491670947146724
1057	72.0	74.43601257296811	34.5	34.56106870229007	2.436777922187023
1058	72.0	72.7252607625315	36.0	34.79430989130854	1.4070152137998413
1059	72.0	73.30778127392571	36.0	35.10560142004971	1.5843739079673893
1060	72.0	73.30778127392571	36.0	35.10560142004971	1.5843739079673893
1061	72.0	73.30778127392571	36.0	35.10560142004971	1.5843739079673893
1062	72.0	73.33444116579253	36.0	35.125887360281794	1.59524485013331
1063	72.0	73.33444116579253	36.0	35.125887360281794	1.59524485013331
1064	72.0	75.72336493652578	36.0	35.99999999999999	3.7233649365257833
1065	72.0	75.82884845612477	36.0	36.0	3.828848456124774
1066	72.0	75.82884845612477	36.0	36.0	3.828848456124774
1067	72.0	75.89039241074926	36.0	36.0	3.890392410749257
1068	72.0	75.89039241074926	36.0	36.0	3.890392410749257
1069	72.0	72.0	36.0	36.0	0.0
1070	73.5	73.46923879334649	36.0	35.70695235410207	0.29465772448910543
1071	73.5	77.0164939607748	36.0	36.0	3.5164939607747954
1072	73.5	77.0510415872873	36.0	36.0	3.551041587287301
1073	73.5	77.0510415872873	36.0	36.0	3.551041587287301
1074	73.5	77.82705196892418	36.0	36.0	4.327051968924181
1075	73.5	74.47655985366846	36.0	36.000000000000014	0.9765598536684621
1076	73.5	73.5	36.0	36.0	0.0
1077	75.0	75.0	36.0	36.0	0.0
1078	75.0	75.0	36.0	36.0	0.0

1079	75.0	75.0	36.0	36.0	0.0
1080	75.0	75.0	36.0	36.0	0.0
1081	75.0	76.20967778767324	36.0	36.0	1.2096777876732432
1082	75.0	76.20967778767324	36.0	36.0	1.2096777876732432
1083	75.0	76.38641325885409	36.0	36.0	1.3864132588540912
1084	75.0	76.20967778767324	36.0	36.0	1.2096777876732432
1085	75.0	76.20967778767324	36.0	36.0	1.2096777876732432
1086	75.0	76.20967778767324	36.0	36.0	1.2096777876732432
1087	75.0	78.89320900485299	36.0	36.0	3.8932090048529915
1088	76.5	78.89320900485299	36.0	36.0	2.3932090048529915
1089	76.5	76.5	36.0	36.0	0.0
1090	76.5	76.5	36.0	36.0	0.0
1091	76.5	76.5	36.0	36.0	0.0
1092	76.5	77.22605292827527	36.0	36.0	0.7260529282752657
1093	76.5	76.5	36.0	36.0	0.0
1094	76.5	76.5	36.0	36.0	0.0
1095	76.5	78.58582172798724	36.0	35.99999999999999	2.0858217279872378
1096	76.5	78.0	36.0	36.0	1.5
1097	78.0	78.0	36.0	36.0	0.0
1098	78.0	78.46864374763885	36.0	36.0	0.4686437476388505
1099	78.0	78.46864374763885	36.0	36.0	0.4686437476388505
1100	78.0	78.46864374763885	36.0	36.0	0.4686437476388505
1101	118.5	118.49999999999999	3.0	4.637262325501622	1.6372623255016219
1102	118.5	118.5	1.5	1.5	0.0
1103	118.5	120.68643287534833	1.5	0.5219919197620829	2.395201144667108
1104	118.5	120.65306701241947	1.5	0.46028345147308064	2.3909638352032077
1105	118.5	119.8593866765916	1.5	1.9860901442598846	1.4436813238527901
1106	118.5	120.96256818693566	1.5	0.4448508580586693	2.6791009288653327
1107	118.5	120.96256818693566	1.5	0.4448508580586693	2.6791009288653327
1108	118.5	120.35325754158438	0.0	1.279758625363808	2.2521868605052418
1109	118.5	122.75443649669077	0.0	0.0	4.254436496690772
1110	118.5	120.20721731686064	0.0	1.9895177720972275	2.6215972101906773
1111	118.5	120.20721731686064	0.0	1.9895177720972275	2.6215972101906773
1112	118.5	118.50000000000001	0.0	2.4348020646130917	2.4348020646130917
1113	118.5	118.50000000000001	0.0	2.4348020646130917	2.4348020646130917
1114	118.5	119.82088929499103	0.0	1.7114925545716075	2.1619332306932972
1115	118.5	118.5	0.0	0.0	0.0
1116	118.5	118.5	0.0	0.0	0.0
1117	118.5	120.46894576680056	0.0	0.0	1.9689457668005588
1118	118.5	118.5	0.0	0.0	0.0

1119	118.5	118.5	0.0	0.0	0.0
1120	118.5	120.10934509444952	0.0	0.3295331613547474	1.642736661020627
1121	118.5	120.76150896092608	0.0	0.15887861653378516	2.2670829705021043
1122	118.5	119.65868580171845	0.0	1.1842442073510746	1.6568002685141314
1123	120.0	120.7476159980605	0.0	0.5283119170522863	0.9154469740271436
1124	120.0	122.05376067782048	0.0	0.49023297881326916	2.111459517792789
1125	120.0	121.13161305480268	0.0	0.411940077681046	1.2042602432197662
1126	120.0	121.13161305480268	0.0	0.411940077681046	1.2042602432197662
1127	120.0	120.0	0.0	0.0	0.0
1128	120.0	120.90293116183925	0.0	0.0	0.9029311618392484
1129	120.0	120.0	0.0	0.0	0.0
1130	121.5	121.1659926346811	0.0	0.15666290255435222	0.3689230070407989
1131	121.5	121.1659926346811	0.0	0.15666290255435222	0.3689230070407989
1132	121.5	121.5	0.0	0.0	0.0
1133	121.5	121.5	0.0	0.0	0.0
1134	121.5	121.77006727816806	0.0	0.0	0.27006727816805665
1135	121.5	121.77006727816806	0.0	0.0	0.27006727816805665
1136	121.5	121.77006727816806	0.0	0.0	0.27006727816805665
1137	121.5	121.5	0.0	0.0	0.0
1138	121.5	121.5	0.0	0.0	0.0
1139	121.5	122.36653307889075	0.0	0.0	0.8665330788907539
1140	121.5	121.87997920358423	0.0	0.0	0.3799792035842273
1141	123.0	121.34981440735605	0.0	1.7034913721523177	2.371707263801132
1142	123.0	121.2604021744272	0.0	0.15627415823241278	1.7466030479959855
1143	123.0	121.2604021744272	0.0	0.15627415823241278	1.7466030479959855
1144	123.0	121.2604021744272	0.0	0.15627415823241278	1.7466030479959855
1145	123.0	121.31444183205623	0.0	0.14212474302740502	1.6915394704536326
1146	123.0	121.91303741860894	0.0	0.0	1.086962581391063
1147	123.0	121.91303741860894	0.0	0.0	1.086962581391063
1148	123.0	121.91303741860894	0.0	0.0	1.086962581391063
1149	123.0	123.0	0.0	0.0	0.0
1150	123.0	123.0	0.0	0.0	0.0
1151	144.0	144.00000000000003	12.0	12.79314379577982	0.7931437957798195
1152	144.0	144.0	12.0	12.0	0.0
1153	144.0	143.99999999999997	12.0	12.978612687760862	0.9786126877608616
1154	144.0	144.0	12.0	12.047351871269727	0.0473518712697274
1155	144.0	144.0	12.0	12.047351871269727	0.0473518712697274
1156	144.0	144.0	12.0	12.752456730906585	0.7524567309065855
1157	144.0	144.00000000000003	12.0	11.330366517662446	0.669633482337554
1158	144.0	144.00000000000003	12.0	11.330366517662446	0.669633482337554

1159	144.0	144.0	13.5	13.5	0.0
1160	144.0	144.0	13.5	15.46231381837605	1.9623138183760496
1161	144.0	144.0	13.5	15.46231381837605	1.9623138183760496
1162	144.0	144.0	13.5	15.46231381837605	1.9623138183760496
1163	144.0	144.0	13.5	15.599026642076605	2.0990266420766055
1164	144.0	143.99999999999997	13.5	15.394227653147016	1.8942276531470164
1165	144.0	143.99999999999997	13.5	15.394227653147016	1.8942276531470164
1166	144.0	143.99999999999997	13.5	15.394227653147016	1.8942276531470164
1167	144.0	144.0	13.5	14.827122554599423	1.3271225545994234
1168	144.0	144.0	13.5	13.5	0.0
1169	144.0	144.0	13.5	13.5	0.0
1170	144.0	144.0	13.5	13.791783314445466	0.2917833144454658
1171	144.0	144.0	15.0	15.0	0.0
1172	144.0	144.0	15.0	15.0	0.0
1173	144.0	144.0	15.0	16.29484099199067	1.2948409919906716
1174	144.0	144.0	15.0	16.29484099199067	1.2948409919906716
1175	144.0	143.99999999999997	15.0	14.210491903933384	0.7895080960666156
1176	144.0	144.0	15.0	14.526405476524664	0.47359452347533626
1177	144.0	144.0	15.0	12.766939863781673	2.2330601362183273
1178	144.0	144.0	15.0	12.766939863781673	2.2330601362183273
1179	144.0	144.0	15.0	14.005609460011062	0.9943905399889381
1180	144.0	144.00000000000003	16.5	16.504315663142002	0.004315663142001824
1181	144.0	144.00000000000003	16.5	17.566338736594716	1.066338736594716
1182	144.0	144.0	16.5	16.5	0.0
1183	144.0	144.0	16.5	16.5	0.0
1184	144.0	143.99999999999997	18.0	18.457863709163718	0.45786370916371766
1185	144.0	144.0	18.0	18.0	0.0
1186	144.0	144.0	18.0	18.0	0.0
1187	144.0	144.0	18.0	18.0	0.0
1188	144.0	144.0	18.0	19.018000310573775	1.0180003105737754
1189	144.0	144.0	18.0	18.367090621381625	0.3670906213816245
1190	144.0	144.0	18.0	18.367090621381625	0.3670906213816245
1191	144.0	144.0	18.0	18.367090621381625	0.3670906213816245
1192	144.0	144.0	18.0	18.0	0.0
1193	144.0	144.0	19.5	18.149643835331116	1.3503561646688844
1194	144.0	144.0	19.5	18.149643835331116	1.3503561646688844
1195	144.0	144.0	19.5	18.149643835331116	1.3503561646688844
1196	144.0	144.0	19.5	19.5	0.0
1197	144.0	144.0	19.5	20.388426915541764	0.8884269155417641
1198	144.0	144.0	19.5	20.388426915541764	0.8884269155417641

1199	144.0	144.0	19.5	20.974017440753016	1.4740174407530162
1200	144.0	144.0	21.0	21.902642228923057	0.9026422289230567
1201	45.0	45.000000000000001	7.5	9.098385617884922	1.5983856178849223
1202	45.0	45.000000000000001	7.5	9.098385617884922	1.5983856178849223
1203	45.0	45.000000000000001	7.5	9.098385617884922	1.5983856178849223
1204	45.0	45.0	7.5	7.013797747557769	0.48620225244223114
1205	45.0	44.999999999999986	7.5	7.469156817534997	0.03084318246500306
1206	45.0	45.0	7.5	7.5	0.0
1207	45.0	45.0	7.5	7.5	0.0
1208	45.0	44.999999999999999	7.5	4.503327799520126	2.996672200479874
1209	45.0	45.0	7.5	4.797137780027692	2.7028622199723076
1210	45.0	45.0	7.5	4.797137780027692	2.7028622199723076
1211	45.0	45.0	7.5	4.797137780027692	2.7028622199723076
1212	45.0	45.000000000000001	7.5	4.825572594074595	2.674427405925405
1213	45.0	45.000000000000001	7.5	4.825572594074595	2.674427405925405
1214	45.0	45.000000000000014	7.5	4.910365738805449	2.5896342611945506
1215	45.0	45.000000000000014	7.5	4.910365738805449	2.5896342611945506
1216	45.0	45.000000000000014	7.5	4.910365738805449	2.5896342611945506
1217	45.0	44.999999999999999	7.5	4.922603647849857	2.577396352150143
1218	45.0	45.0	6.0	6.0	0.0
1219	45.0	45.0	6.0	6.0	0.0
1220	45.0	44.999999999999999	6.0	4.574669515335216	1.4253304846647836
1221	45.0	45.0	6.0	6.0	0.0
1222	45.0	45.0	6.0	6.0	0.0
1223	45.0	45.0	6.0	5.930896100675487	0.06910389932451277
1224	45.0	45.0	6.0	5.930896100675487	0.06910389932451277
1225	45.0	44.999999999999999	6.0	5.572938462816547	0.4270615371834534
1226	45.0	45.000000000000001	6.0	5.0027611939488645	0.9972388060511355
1227	45.0	45.000000000000001	6.0	5.0027611939488645	0.9972388060511355
1228	45.0	44.999999999999999	6.0	4.991475980052761	1.008524019947239
1229	45.0	44.999999999999999	6.0	4.991475980052761	1.008524019947239
1230	45.0	44.999999999999999	4.5	3.721555332796693	0.77844446672033072
1231	45.0	44.999999999999999	4.5	3.721555332796693	0.77844446672033072
1232	45.0	44.999999999999999	4.5	3.721555332796693	0.77844446672033072
1233	45.0	45.000000000000001	4.5	4.336841575631295	0.16315842436870476
1234	45.0	45.0	4.5	4.5	0.0
1235	45.0	45.0	4.5	4.5	0.0
1236	45.0	45.0	4.5	4.5	0.0
1237	45.0	44.999999999999999	4.5	4.331596928782102	0.16840307121789788
1238	45.0	45.0	4.5	4.5	0.0

1239	45.0	45.0	3.0	3.0	0.0
1240	45.0	45.0	3.0	3.0	0.0
1241	45.0	45.0	3.0	3.0	0.0
1242	45.0	45.0	3.0	3.051215915904068	0.051215915904068154
1243	45.0	45.000000000000014	3.0	3.0003201446899026	3.201446899026017E-4
1244	45.0	44.99999999999999	3.0	2.9974172911401604	0.0025827088598395775
1245	45.0	45.14640496383286	3.0	2.8363127965109287	0.2196085472402496
1246	45.0	45.0	3.0	3.0	0.0
1247	45.0	45.0	1.5	1.5	0.0
1248	45.0	45.0	1.5	1.5	0.0
1249	45.0	45.0	1.5	1.5	0.0
1250	45.0	45.0	1.5	1.5	0.0
1251	12.0	11.501424929578238	36.0	36.0	0.4985750704217615
1252	12.0	10.994807217450566	36.0	36.0	1.0051927825494342
1253	12.0	11.739742943815015	36.0	36.000000000000001	0.26025705618498485
1254	13.5	10.97268588770865	36.0	35.99999999999999	2.52731411229135
1255	13.5	14.808093447717933	36.0	35.99999999999999	1.3080934477179333
1256	13.5	14.808093447717933	36.0	35.99999999999999	1.3080934477179333
1257	13.5	14.809217617293609	36.0	36.0	1.3092176172936085
1258	13.5	14.809217617293609	36.0	36.0	1.3092176172936085
1259	13.5	14.49994629504775	36.0	36.0	0.9999462950477493
1260	13.5	13.5	36.0	36.0	0.0
1261	13.5	13.459192282254842	36.0	36.0	0.040807717745158456
1262	13.5	13.459192282254842	36.0	36.0	0.040807717745158456
1263	13.5	15.466210036063892	36.0	36.000000000000001	1.9662100360638917
1264	15.0	15.451163013994574	36.0	36.0	0.4511630139945737
1265	15.0	15.451163013994574	36.0	36.0	0.4511630139945737
1266	15.0	15.451163013994574	36.0	36.0	0.4511630139945737
1267	15.0	15.451163013994574	36.0	36.0	0.4511630139945737
1268	15.0	15.064264067381606	36.0	36.000000000000014	0.06426406738160573
1269	15.0	15.064264067381606	36.0	36.000000000000014	0.06426406738160573
1270	15.0	12.422444279219608	36.0	36.0	2.577555720780392
1271	15.0	15.0	36.0	36.0	0.0
1272	15.0	15.0	36.0	36.0	0.0
1273	15.0	15.0	36.0	36.0	0.0
1274	16.5	16.5	36.0	36.0	0.0
1275	16.5	16.28615823760963	36.0	35.999999999999986	0.2138417623903699
1276	16.5	15.934499564345778	36.0	36.000000000000001	0.5655004356542221
1277	16.5	16.5	36.0	36.0	0.0
1278	16.5	16.5	36.0	36.0	0.0



1279	16.5	16.5	36.0	36.0	0.0
1280	16.5	16.5	36.0	36.0	0.0
1281	16.5	15.775507794048183	36.0	36.0	0.7244922059518171
1282	16.5	15.69680868456332	36.0	36.000000000000001	0.8031913154366794
1283	16.5	16.205731482822102	36.0	36.0	0.2942685171778976
1284	16.5	16.205731482822102	36.0	36.0	0.2942685171778976
1285	16.5	16.205731482822102	36.0	36.0	0.2942685171778976
1286	18.0	16.884338451283877	36.0	36.0	1.1156615487161226
1287	18.0	16.884338451283877	36.0	36.0	1.1156615487161226
1288	18.0	16.884338451283877	36.0	36.0	1.1156615487161226
1289	18.0	16.902214646443284	36.0	35.99999999999999	1.0977853535567164
1290	18.0	18.156255398541962	36.0	36.0	0.1562553985419619
1291	18.0	18.0	36.0	36.0	0.0
1292	18.0	18.0	36.0	36.0	0.0
1293	18.0	18.0	36.0	36.0	0.0
1294	19.5	18.82660516011372	36.0	36.000000000000001	0.6733948398862815
1295	19.5	18.642408142565056	36.0	35.99999999999999	0.8575918574349437
1296	19.5	18.642408142565056	36.0	35.99999999999999	0.8575918574349437
1297	19.5	20.244625429396915	36.0	36.000000000000001	0.7446254293969155
1298	19.5	20.244625429396915	36.0	36.000000000000001	0.7446254293969155
1299	19.5	20.244625429396915	36.0	36.000000000000001	0.7446254293969155
1300	19.5	18.120578066365894	36.0	36.0	1.3794219336341058
1301	118.5	118.5	30.0	30.0	0.0
1302	118.5	119.42144328807649	30.0	30.921443288076492	1.303117594955432
1303	118.5	119.42144328807649	30.0	30.921443288076492	1.303117594955432
1304	118.5	118.84032267631534	28.5	29.331143602823424	0.8981198208083019
1305	118.5	118.5	28.5	28.5	0.0
1306	118.5	118.65693745878744	28.5	28.375339712358272	0.20042343497100706
1307	118.5	118.66585738481224	28.5	28.727987940289097	0.28193469636428364
1308	118.5	118.67586171204492	28.5	28.85347299420058	0.3948043811718576
1309	118.5	118.5	27.0	27.0	0.0
1310	118.5	118.5	27.0	27.0	0.0
1311	118.5	118.5	27.0	27.0	0.0
1312	118.5	118.5	27.0	27.0	0.0
1313	118.5	118.8800692660038	27.0	28.951642274606186	1.9883058655525505
1314	118.5	118.49999999999999	27.0	27.672074622408807	0.6720746224088074
1315	118.5	118.49999999999999	27.0	27.672074622408807	0.6720746224088074
1316	118.5	119.1534866752818	25.5	30.426890676422463	4.970039896438403
1317	118.5	118.5	25.5	27.51228143483517	2.0122814348351703
1318	118.5	118.50000000000003	25.5	28.185539835007997	2.6855398350079973

1319	118.5	118.5	25.5	23.13327656218538	2.3667234378146205
1320	118.5	118.5	25.5	23.13327656218538	2.3667234378146205
1321	118.5	118.5	25.5	23.13327656218538	2.3667234378146205
1322	118.5	118.50000000000001	25.5	26.01266330273365	0.5126633027336496
1323	118.5	118.50000000000001	25.5	26.01266330273365	0.5126633027336496
1324	118.5	118.50000000000001	25.5	26.01266330273365	0.5126633027336496
1325	118.5	118.50000000000001	25.5	26.01266330273365	0.5126633027336496
1326	118.5	118.5	25.5	25.5	0.0
1327	118.5	118.5	24.0	27.11867620074625	3.1186762007462505
1328	118.5	118.5	24.0	22.793963605121856	1.2060363948781436
1329	118.5	118.5	24.0	22.793963605121856	1.2060363948781436
1330	118.5	118.50000000000004	24.0	22.90052803370736	1.09947196629264
1331	118.5	118.5	24.0	23.034571608342045	0.9654283916579551
1332	118.5	118.5	24.0	23.034571608342045	0.9654283916579551
1333	118.5	118.49999999999997	24.0	24.47495886200567	0.4749588620056713
1334	118.5	118.5	24.0	24.0	0.0
1335	118.5	118.5	24.0	22.688002142474556	1.3119978575254443
1336	118.5	118.5	22.5	22.5	0.0
1337	118.5	118.5	22.5	22.5	0.0
1338	118.5	118.50000000000001	22.5	22.236959778263042	0.26304022173695785
1339	118.5	118.50000000000001	22.5	22.236959778263042	0.26304022173695785
1340	118.5	118.50000000000001	22.5	22.236959778263042	0.26304022173695785
1341	118.5	118.49999999999999	22.5	25.20825698339877	2.708256983398769
1342	118.5	118.50000000000001	22.5	21.513501736333538	0.9864982636664621
1343	118.5	118.50000000000001	22.5	21.513501736333538	0.9864982636664621
1344	118.5	118.50000000000001	22.5	21.513501736333538	0.9864982636664621
1345	118.5	118.5	21.0	22.028934721150712	1.028934721150712
1346	118.5	118.5	21.0	22.028934721150712	1.028934721150712
1347	118.5	118.5	21.0	21.0	0.0
1348	118.5	118.5	21.0	21.0	0.0
1349	118.5	118.49999999999999	21.0	21.582114792484994	0.5821147924849939
1350	118.5	118.49999999999999	21.0	21.582114792484994	0.5821147924849939
1351	45.0	44.95523508819895	36.0	35.99213860784459	0.04544995946287789
1352	45.0	44.67025964447872	36.0	35.943130965945265	0.33460841157033006
1353	45.0	43.90950204589505	36.0	35.79541049508268	1.109523615534789
1354	45.0	43.90950204589505	36.0	35.79541049508268	1.109523615534789
1355	45.0	43.90950204589505	36.0	35.79541049508268	1.109523615534789
1356	45.0	43.92778399241678	36.0	35.79299490241669	1.092015694641419
1357	45.0	43.92778399241678	36.0	35.79299490241669	1.092015694641419
1358	45.0	44.854529005738456	34.5	34.547282393509164	0.15296220091054366

1359	45.0	44.256361547157915	34.5	34.74579757955409	0.7832078898096085
1360	45.0	44.31482906650278	34.5	34.123083924183504	0.7820005986687965
1361	45.0	44.32414654408743	34.5	34.10977925681632	0.7804166337795438
1362	45.0	45.08462326148753	34.5	34.34148265777129	0.17969096853220407
1363	45.0	45.0	34.5	34.5	0.0
1364	45.0	45.0	34.5	34.5	0.0
1365	45.0	45.0	34.5	34.5	0.0
1366	45.0	44.835871980711204	34.5	34.10244439480305	0.4301028550697797
1367	45.0	44.835871980711204	34.5	34.10244439480305	0.4301028550697797
1368	45.0	45.0	33.0	33.0	0.0
1369	45.0	45.01746230045876	33.0	32.982389052741695	0.024800754033835696
1370	45.0	45.0	33.0	33.0	0.0
1371	45.0	45.131456842195476	33.0	32.87797988572255	0.17935944259583195
1372	45.0	45.000000000000001	33.0	32.33135163384216	0.6686483661578393
1373	45.0	44.999999999999999	33.0	32.337172929069595	0.6628270709304047
1374	45.0	44.999999999999999	33.0	32.34443340651906	0.6555665934809412
1375	45.0	45.66495647506889	33.0	31.96387876371245	1.231143505048085
1376	45.0	46.27716835858937	31.5	31.842255954222964	1.3222322618900735
1377	45.0	46.27716835858937	31.5	31.842255954222964	1.3222322618900735
1378	45.0	47.15206669504043	31.5	31.70743726476897	2.1620409983895033
1379	45.0	46.76567956307237	31.5	31.705301892593084	1.7775750860522685
1380	45.0	46.7674030313124	31.5	31.698404237994772	1.7785043482506695
1381	45.0	46.7674030313124	31.5	31.698404237994772	1.7785043482506695
1382	45.0	46.76849560892151	31.5	31.69168210470891	1.7788532114933788
1383	45.0	46.61030881953333	31.5	31.696457675983066	1.6222484744081265
1384	45.0	46.051786264164825	31.5	31.386062947065415	1.0579395056038021
1385	45.0	46.051786264164825	31.5	31.386062947065415	1.0579395056038021
1386	45.0	46.051786264164825	31.5	31.386062947065415	1.0579395056038021
1387	45.0	46.051786264164825	31.5	31.386062947065415	1.0579395056038021
1388	45.0	45.0	31.5	31.5	0.0
1389	45.0	45.0	31.5	31.5	0.0
1390	45.0	45.0	31.5	31.5	0.0
1391	45.0	45.0	30.0	30.0	0.0
1392	45.0	45.0	30.0	30.0	0.0
1393	45.0	45.0	30.0	30.0	0.0
1394	45.0	45.368107934479944	30.0	30.089427076483236	0.3788148009719651
1395	45.0	45.22974738892352	30.0	30.158401100985905	0.27906051585762265
1396	45.0	45.22974738892352	30.0	30.158401100985905	0.27906051585762265
1397	45.0	45.0000000000000014	30.0	30.074702725671212	0.07470272567121228
1398	45.0	45.0	30.0	30.0	0.0

1399	45.0	45.0	30.0	30.023391887107973	0.02339188710797302
1400	45.0	45.0	30.0	29.597591929246928	0.40240807075307217
1401	124.5	122.59570184269606	0.0	0.18105555341535842	1.9128859310825954
1402	124.5	124.59330140417376	0.0	0.8824196979883434	0.8873385348437394
1403	124.5	127.50564059912824	0.0	0.0	3.0056405991282418
1404	124.5	124.5	0.0	0.0	0.0
1405	124.5	125.78050923019293	0.0	0.0	1.2805092301929335
1406	124.5	128.13623282777843	0.0	0.0	3.6362328277784286
1407	124.5	128.13623282777843	0.0	0.0	3.6362328277784286
1408	124.5	128.17204760199442	0.0	0.0	3.6720476019944215
1409	124.5	126.13328281866453	0.0	0.0	1.6332828186645258
1410	126.0	125.45660820392057	0.0	0.0	0.5433917960794332
1411	126.0	125.52450436343969	0.0	0.0	0.4754956365603107
1412	126.0	126.0	0.0	0.0	0.0
1413	126.0	126.0	0.0	0.0	0.0
1414	126.0	127.16434705739486	0.0	0.0	1.1643470573948633
1415	126.0	129.09602028401744	0.0	0.0	3.096020284017442
1416	126.0	129.09602028401744	0.0	0.0	3.096020284017442
1417	126.0	129.12840464690493	0.0	0.0	3.128404646904926
1418	126.0	129.12840464690493	0.0	0.0	3.128404646904926
1419	126.0	129.12840464690493	0.0	0.0	3.128404646904926
1420	126.0	128.590681683105	0.0	0.0	2.5906816831050037
1421	126.0	129.05136612354354	0.0	0.0	3.051366123543545
1422	126.0	129.05136612354354	0.0	0.0	3.051366123543545
1423	127.5	128.06142123114356	0.0	0.0	0.5614212311435551
1424	127.5	128.13623650137998	0.0	0.0	0.6362365013799831
1425	127.5	128.13623650137998	0.0	0.0	0.6362365013799831
1426	127.5	129.1986581662323	0.0	0.0	1.698658166232292
1427	127.5	129.1986581662323	0.0	0.0	1.698658166232292
1428	127.5	127.5	0.0	0.0	0.0
1429	127.5	128.62298555351194	0.0	0.0	1.1229855535119384
1430	129.0	129.0	0.0	0.0	0.0
1431	129.0	129.0	0.0	0.0	0.0
1432	129.0	130.12106851875993	0.0	0.0	1.1210685187599267
1433	129.0	130.12106851875993	0.0	0.0	1.1210685187599267
1434	129.0	129.67910366268842	0.0	0.0	0.6791036626884193
1435	129.0	129.53709026844083	0.0	0.0	0.537090268440835
1436	129.0	129.53709026844083	0.0	0.0	0.537090268440835
1437	129.0	129.737933542932	0.0	0.0	0.7379335429320122
1438	129.0	129.737933542932	0.0	0.0	0.7379335429320122

1439	129.0	129.737933542932	0.0	0.0	0.7379335429320122
1440	130.5	130.48962027042418	0.0	0.0	0.01037972957581701
1441	130.5	130.5	0.0	0.0	0.0
1442	130.5	130.5	0.0	0.0	0.0
1443	130.5	130.5	0.0	0.0	0.0
1444	130.5	130.5	0.0	0.0	0.0
1445	130.5	129.74031946017047	0.0	0.0	0.7596805398295317
1446	130.5	129.545142461209	0.0	0.0	0.9548575387910034
1447	130.5	129.545142461209	0.0	0.0	0.9548575387910034
1448	130.5	129.545142461209	0.0	0.0	0.9548575387910034
1449	132.0	129.80256527714158	0.0	0.0	2.197434722858418
1450	132.0	132.0	0.0	0.0	0.0
1451	72.0	72.0	9.0	8.945424852978793	0.05457514702120747
1452	72.0	72.0	9.0	8.574033008785403	0.42596699121459736
1453	72.0	72.0	9.0	8.93878247011064	0.06121752988936002
1454	72.0	72.0	9.0	9.0	0.0
1455	72.0	72.0	9.0	9.0	0.0
1456	72.0	72.0	10.5	10.5	0.0
1457	72.0	72.0	10.5	10.5	0.0
1458	72.0	71.99999999999999	10.5	12.921393904462018	2.4213939044620183
1459	72.0	72.0	10.5	12.936638747587129	2.4366387475871285
1460	72.0	72.0	10.5	12.936638747587129	2.4366387475871285
1461	72.0	72.0	10.5	12.52095744701962	2.0209574470196205
1462	72.0	72.0	10.5	12.52095744701962	2.0209574470196205
1463	72.0	72.0	10.5	12.52095744701962	2.0209574470196205
1464	72.0	72.0	10.5	12.10755417711315	1.6075541771131494
1465	72.0	72.0	12.0	12.10755417711315	0.10755417711314941
1466	72.0	72.0	12.0	11.17952549361797	0.8204745063820305
1467	72.0	72.0	12.0	11.17952549361797	0.8204745063820305
1468	72.0	72.0	12.0	11.17952549361797	0.8204745063820305
1469	72.0	72.0	12.0	11.17952549361797	0.8204745063820305
1470	72.0	72.0	12.0	12.0	0.0
1471	72.0	72.0	12.0	12.0	0.0
1472	72.0	72.0	12.0	13.34961883022451	1.3496188302245091
1473	72.0	72.0	12.0	12.9882466489437	0.9882466489437007
1474	72.0	72.0	12.0	12.0	0.0
1475	72.0	72.0	12.0	12.0	0.0
1476	72.0	72.0	12.0	12.0	0.0
1477	72.0	72.0	12.0	12.386289637994393	0.386289637994393
1478	72.0	72.0	12.0	14.133380167173609	2.133380167173609

1479	72.0	72.0	13.5	13.5	0.0
1480	72.0	72.0	13.5	13.5	0.0
1481	72.0	72.0	13.5	13.5	0.0
1482	72.0	72.0	13.5	14.117257554659354	0.6172575546593535
1483	72.0	72.0	13.5	14.117257554659354	0.6172575546593535
1484	72.0	72.0	13.5	14.117257554659354	0.6172575546593535
1485	72.0	72.0	13.5	14.117257554659354	0.6172575546593535
1486	72.0	71.99999999999999	15.0	14.933180033138044	0.06681996686195646
1487	72.0	72.0	15.0	14.605222903929853	0.3947770960701469
1488	72.0	72.000000000000001	15.0	15.062327321476381	0.062327321476381314
1489	72.0	72.000000000000001	15.0	15.062327321476381	0.062327321476381314
1490	72.0	72.000000000000001	15.0	15.062327321476381	0.062327321476381314
1491	72.0	72.000000000000001	15.0	15.062327321476381	0.062327321476381314
1492	72.0	72.000000000000001	15.0	15.062327321476381	0.062327321476381314
1493	72.0	72.0	15.0	15.063938134577526	0.06393813457752628
1494	72.0	72.0	15.0	14.550136611126762	0.4498633888732382
1495	72.0	72.0	15.0	15.0	0.0
1496	72.0	72.0	15.0	15.0	0.0
1497	72.0	72.0	15.0	15.0	0.0
1498	72.0	72.000000000000001	16.5	15.537293707068704	0.962706292931296
1499	72.0	72.000000000000001	16.5	15.537293707068704	0.962706292931296
1500	72.0	72.0	16.5	15.57649163601444	0.9235083639855599
1501	45.0	45.0	30.0	29.597591929246928	0.40240807075307217
1502	45.0	46.16853375031163	28.5	30.78348379676687	2.5651061139286626
1503	45.0	45.0	28.5	28.693463958387973	0.19346395838797292
1504	45.0	45.0	28.5	28.693463958387973	0.19346395838797292
1505	45.0	44.99999999999999	28.5	28.629219786965642	0.12921978696564196
1506	45.0	45.000000000000001	28.5	29.85149217755829	1.3514921775582884
1507	45.0	45.000000000000001	28.5	29.018024758172178	0.518024758172178
1508	45.0	45.0	28.5	28.999990320010745	0.4999903200107454
1509	45.0	45.0	27.0	28.75317870355636	1.7531787035563617
1510	45.0	45.0	27.0	28.72956946485212	1.7295694648521192
1511	45.0	45.0	27.0	28.72956946485212	1.7295694648521192
1512	45.0	45.0	27.0	28.445084101740996	1.4450841017409957
1513	45.0	45.0	27.0	27.0	0.0
1514	45.0	45.0	27.0	27.0	0.0
1515	45.0	45.0	27.0	26.05614622679964	0.9438537732003596
1516	45.0	45.000000000000001	27.0	25.122774186553844	1.877225813446156
1517	45.0	45.0	27.0	25.100499596141102	1.899500403858898
1518	45.0	44.99999999999999	25.5	25.431949101608993	0.06805089839100731

1519	45.0	44.99999999999999	25.5	25.431949101608993	0.06805089839100731
1520	45.0	44.99999999999999	25.5	24.781577821118617	0.7184221788813829
1521	45.0	44.99999999999999	25.5	24.768325378445184	0.7316746215548164
1522	45.0	44.99999999999999	25.5	24.768325378445184	0.7316746215548164
1523	45.0	45.0	25.5	25.557275985887657	0.05727598588765659
1524	45.0	45.000000000000001	25.5	24.93924734386706	0.5607526561329408
1525	45.0	45.0	24.0	24.0	0.0
1526	45.0	45.0	24.0	24.0	0.0
1527	45.0	45.0	24.0	23.99214738936998	0.007852610630020962
1528	45.0	45.000000000000001	24.0	23.97853861266433	0.021461387335669713
1529	45.0	45.0	24.0	23.6447384424671	0.35526155753289856
1530	45.0	44.99999999999999	22.5	24.546253450842897	2.0462534508428973
1531	45.0	45.0	22.5	24.697738353906296	2.1977383539062956
1532	45.0	45.0	22.5	22.5	0.0
1533	45.0	45.0	22.5	22.5	0.0
1534	45.0	44.99999999999999	22.5	22.592195641875882	0.09219564187588247
1535	45.0	45.0	22.5	22.32724289563793	0.17275710436206992
1536	45.0	45.000000000000001	21.0	21.04682388056235	0.046823880562349984
1537	45.0	45.0	21.0	21.0	0.0
1538	45.0	44.99999999999999	21.0	20.43617607417415	0.5638239258258508
1539	45.0	44.99999999999999	21.0	20.43617607417415	0.5638239258258508
1540	45.0	44.99999999999999	21.0	20.43617607417415	0.5638239258258508
1541	45.0	45.0	19.5	19.257876269185765	0.24212373081423522
1542	45.0	45.0000000000000014	19.5	19.46285028618587	0.03714971381413079
1543	45.0	45.0	19.5	19.5	0.0
1544	45.0	45.0	19.5	19.5	0.0
1545	45.0	45.0	19.5	14.763970464656664	4.736029535343336
1546	45.0	45.0	19.5	17.593424103852787	1.9065758961472135
1547	45.0	45.0	19.5	17.593424103852787	1.9065758961472135
1548	45.0	45.0	19.5	17.593424103852787	1.9065758961472135
1549	45.0	45.0	18.0	18.0	0.0
1550	45.0	45.0	18.0	18.0	0.0
1551	0.0	0.0	0.0	1.3519308649117732	1.3519308649117732
1552	0.0	0.0	0.0	1.3519308649117732	1.3519308649117732
1553	0.0	0.0	0.0	0.0	0.0
1554	0.0	0.0	0.0	2.8796838480397655	2.8796838480397655
1555	0.0	0.0	0.0	5.860220041131468	5.860220041131468
1556	0.0	0.0	0.0	5.860220041131468	5.860220041131468
1557	0.0	0.0	0.0	5.860220041131468	5.860220041131468
1558	0.0	0.0	0.0	3.3693048495152587	3.3693048495152587

1559	0.0	0.0	1.5	2.07955130369329	0.57955130369329
1560	0.0	0.0	1.5	2.07955130369329	0.57955130369329
1561	0.0	0.0	1.5	3.3141233319513193	1.8141233319513193
1562	0.0	0.0	1.5	3.6436343697212346	2.1436343697212346
1563	0.0	0.0	1.5	2.8097326755377856	1.3097326755377856
1564	0.0	0.0	1.5	2.8097326755377856	1.3097326755377856
1565	0.0	0.0	1.5	2.8097326755377856	1.3097326755377856
1566	0.0	0.0	1.5	2.8097326755377856	1.3097326755377856
1567	0.0	0.0	1.5	3.8342455217308915	2.3342455217308915
1568	0.0	0.0	1.5	3.8342455217308915	2.3342455217308915
1569	0.0	0.0	3.0	3.0	0.0
1570	0.0	0.0	3.0	3.0	0.0
1571	0.0	0.0	3.0	3.0	0.0
1572	0.0	0.0	3.0	3.0	0.0
1573	0.0	0.0	3.0	3.0	0.0
1574	0.0	0.0	3.0	4.989592167815625	1.9895921678156254
1575	0.0	0.0	3.0	4.989592167815625	1.9895921678156254
1576	0.0	0.0	3.0	4.989592167815625	1.9895921678156254
1577	0.0	0.0	3.0	5.03565984208665	2.03565984208665
1578	0.0	0.0	4.5	5.268946785507093	0.7689467855070928
1579	0.0	0.0	4.5	5.268946785507093	0.7689467855070928
1580	0.0	0.0	4.5	5.268946785507093	0.7689467855070928
1581	0.0	0.0	4.5	4.959936276703379	0.4599362767033792
1582	0.0	0.0	4.5	4.959936276703379	0.4599362767033792
1583	0.0	0.0	4.5	4.439356224332996	0.060643775667004185
1584	0.0	0.0	4.5	6.615056479672084	2.1150564796720843
1585	0.0	0.0	4.5	6.615056479672084	2.1150564796720843
1586	0.0	0.0	4.5	4.467660114140775	0.032339885859225426
1587	0.0	0.0	6.0	5.746375610968437	0.2536243890315628
1588	0.0	0.0	6.0	5.832573809559773	0.167426190440227
1589	0.0	0.0	6.0	5.832573809559773	0.167426190440227
1590	0.0	0.0	6.0	5.832573809559773	0.167426190440227
1591	0.0	0.0	6.0	5.832573809559773	0.167426190440227
1592	0.0	0.0	6.0	6.5746814078778755	0.5746814078778755
1593	0.0	0.0	6.0	6.0	0.0
1594	0.0	0.0	6.0	9.213644255522961	3.2136442555229614
1595	0.0	0.0	6.0	9.213644255522961	3.2136442555229614
1596	0.0	0.0	6.0	9.213644255522961	3.2136442555229614
1597	0.0	0.0	7.5	7.853640975652983	0.3536409756529828
1598	0.0	0.0	7.5	5.968613658623453	1.531386341376547



1599	0.0	0.0	7.5	7.5	0.0
1600	0.0	0.0	7.5	7.5	0.0
1601	54.0	54.11197193244444	0.0	0.0	0.11197193244444037
1602	54.0	54.0	0.0	0.0	0.0
1603	55.5	55.5	0.0	0.0	0.0
1604	55.5	55.53988520971002	0.0	0.0	0.03988520971002174
1605	55.5	55.5	0.0	0.0	0.0
1606	55.5	55.5	0.0	0.0	0.0
1607	55.5	55.852048026602645	0.0	0.0	0.35204802660264534
1608	55.5	55.90620303580776	0.0	0.0	0.4062030358077635
1609	55.5	55.90620303580776	0.0	0.0	0.4062030358077635
1610	55.5	55.90620303580776	0.0	0.0	0.4062030358077635
1611	57.0	57.0	0.0	0.0	0.0
1612	57.0	56.90361625304567	0.0	0.0	0.09638374695433072
1613	57.0	57.0	0.0	0.0	0.0
1614	57.0	57.0	0.0	0.0	0.0
1615	57.0	57.0	0.0	0.0	0.0
1616	57.0	57.0	0.0	0.0	0.0
1617	57.0	57.0583621248405	0.0	0.0	0.05836212484049952
1618	57.0	56.86330073999521	0.0	0.0	0.13669926000478938
1619	57.0	56.86330073999521	0.0	0.0	0.13669926000478938
1620	58.5	58.31329675023501	0.0	0.0	0.18670324976498875
1621	58.5	58.31329675023501	0.0	0.0	0.18670324976498875
1622	58.5	58.31329675023501	0.0	0.0	0.18670324976498875
1623	58.5	58.45157295496788	0.0	0.0	0.048427045032120475
1624	58.5	58.5	0.0	0.0	0.0
1625	60.0	59.88689566894684	0.0	0.0	0.11310433105315809
1626	60.0	59.88689566894684	0.0	0.0	0.11310433105315809
1627	60.0	60.00320851215531	0.0	0.0	0.0032085121553109275
1628	60.0	60.00320851215531	0.0	0.0	0.0032085121553109275
1629	60.0	60.01786448019318	0.0	0.0	0.01786448019318243
1630	60.0	60.01786448019318	0.0	0.0	0.01786448019318243
1631	60.0	59.995804086488064	0.0	0.0	0.004195913511935601
1632	61.5	61.5	0.0	0.0	0.0
1633	61.5	61.55937408630214	0.0	0.0	0.05937408630214236
1634	61.5	61.07712332293961	0.0	0.0	0.4228766770603869
1635	61.5	61.07712332293961	0.0	0.0	0.4228766770603869
1636	61.5	61.07704792345877	0.0	0.0	0.4229520765412289
1637	61.5	61.07704792345877	0.0	0.0	0.4229520765412289
1638	61.5	61.64269891953671	0.0	0.0	0.14269891953671276

1639	61.5	61.77795802152288	0.0	0.0	0.27795802152287763
1640	61.5	61.77795802152288	0.0	0.0	0.27795802152287763
1641	63.0	62.5089200355094	0.0	0.0	0.4910799644906021
1642	63.0	63.0	0.0	0.0	0.0
1643	63.0	63.0	0.0	0.0	0.0
1644	63.0	61.597402325775946	0.0	0.0	1.4025976742240545
1645	63.0	64.41164026611659	0.0	0.0	1.411640266116592
1646	63.0	64.41164026611659	0.0	0.0	1.411640266116592
1647	63.0	64.38045977173837	0.0	0.0	1.3804597717383729
1648	63.0	64.31116769154622	0.0	0.0	1.311167691546217
1649	64.5	66.02935280860561	0.0	0.0	1.5293528086056085
1650	64.5	66.02935280860561	0.0	0.0	1.5293528086056085
1651	0.0	0.0	31.5	32.140912506777696	0.6409125067776955
1652	0.0	0.0	31.5	32.164455101909006	0.6644551019090059
1653	0.0	0.0	31.5	32.164455101909006	0.6644551019090059
1654	0.0	0.0	31.5	32.11402522290947	0.6140252229094685
1655	0.0	0.0	31.5	33.54030944650981	2.0403094465098093
1656	0.0	0.0	31.5	33.54030944650981	2.0403094465098093
1657	0.0	0.0	33.0	28.58434558208846	4.41565441791154
1658	0.0	0.0	33.0	28.58434558208846	4.41565441791154
1659	0.0	0.0	33.0	28.58434558208846	4.41565441791154
1660	0.0	0.0	33.0	33.0	0.0
1661	0.0	0.0	33.0	33.0	0.0
1662	0.0	0.0	33.0	33.0	0.0
1663	0.0	0.0	33.0	33.0	0.0
1664	0.0	0.0	33.0	33.0	0.0
1665	0.0	0.07003748668450198	34.5	34.44788781642096	0.08729793364368635
1666	0.0	0.0	34.5	34.5	0.0
1667	0.0	0.41898478113737486	34.5	34.27526322692182	0.4754522731024915
1668	0.0	0.4424026173892226	34.5	34.28131234254056	0.49350214528199626
1669	0.0	0.4424026173892226	34.5	34.28131234254056	0.49350214528199626
1670	0.0	0.4649928364628365	34.5	34.28863961978961	0.5107754382156933
1671	0.0	0.4868701812404488	34.5	34.29703365845987	0.527482615049343
1672	0.0	0.0	34.5	34.385207098382345	0.11479290161765476
1673	0.0	0.0	34.5	34.385207098382345	0.11479290161765476
1674	0.0	0.0	34.5	34.5	0.0
1675	0.0	0.28263850448318895	36.0	34.60688010673734	1.421501868173465
1676	0.0	0.30625459343922246	36.0	34.633240634807976	1.4006509337956865
1677	0.0	0.3495257675332152	36.0	35.976870481505316	0.350290217955739
1678	0.0	0.6212854494336166	36.0	35.95730650570559	0.6227506275653184

1679	0.0	0.6212854494336166	36.0	35.95730650570559	0.6227506275653184
1680	0.0	2.136859549715724	36.0	36.000000000000001	2.136859549715724
1681	0.0	3.7729395966217774	36.0	35.999999999999999	3.7729395966217774
1682	0.0	3.788255941687729	36.0	36.0	3.788255941687729
1683	0.0	3.8076786283463404	36.0	36.0	3.8076786283463404
1684	1.5	2.359695443424696	36.0	36.0	0.859695443424696
1685	1.5	2.656248030345872	36.0	36.0	1.1562480303458722
1686	1.5	2.6400444490849155	36.0	36.0	1.1400444490849155
1687	1.5	3.4376347491884145	36.0	36.000000000000001	1.9376347491884145
1688	1.5	1.5	36.0	36.0	0.0
1689	1.5	1.5	36.0	36.0	0.0
1690	1.5	1.5	36.0	36.0	0.0
1691	1.5	1.5	36.0	36.0	0.0
1692	1.5	1.5	36.0	36.0	0.0
1693	3.0	3.487296028611877	36.0	36.0	0.48729602861187704
1694	3.0	3.3609091037462755	36.0	36.000000000000001	0.3609091037462755
1695	3.0	3.0	36.0	36.0	0.0
1696	3.0	3.0	36.0	36.0	0.0
1697	3.0	3.336733525995021	36.0	36.0	0.33673352599502104
1698	3.0	3.0	36.0	36.0	0.0
1699	3.0	3.0	36.0	36.0	0.0
1700	3.0	3.0	36.0	36.0	0.0
1701	132.0	132.0	0.0	0.0	0.0
1702	132.0	132.0	0.0	0.0	0.0
1703	132.0	132.0	0.0	0.0	0.0
1704	132.0	130.01922741547153	0.0	0.0	1.9807725845284665
1705	132.0	130.01922741547153	0.0	0.0	1.9807725845284665
1706	132.0	130.01922741547153	0.0	0.0	1.9807725845284665
1707	133.5	131.3009351661503	0.0	0.0	2.1990648338496896
1708	133.5	129.3461668649012	0.0	0.0	4.153833135098807
1709	133.5	129.3461668649012	0.0	0.0	4.153833135098807
1710	133.5	129.1598778230955	0.0	0.0	4.340122176904487
1711	133.5	129.99140719773555	0.0	0.0	3.5085928022644453
1712	133.5	129.56858875825682	0.0	0.0	3.9314112417431772
1713	133.5	133.5	0.0	0.0	0.0
1714	133.5	133.5	0.0	0.0	0.0
1715	133.5	134.87748253627933	0.0	0.0	1.3774825362793308
1716	135.0	131.73905819896504	0.0	0.0	3.26094180103496
1717	135.0	131.73905819896504	0.0	0.0	3.26094180103496
1718	135.0	130.1482681576108	0.0	0.0	4.851731842389199

1719	135.0	135.0	0.0	0.0	0.0
1720	135.0	135.0	0.0	0.0	0.0
1721	135.0	130.82822488116702	0.0	0.0	4.171775118832983
1722	135.0	136.0804104984838	0.0	0.0	1.0804104984837863
1723	135.0	139.4704774632487	0.0	0.0	4.470477463248699
1724	135.0	139.4704774632487	0.0	0.0	4.470477463248699
1725	135.0	139.4704774632487	0.0	0.0	4.470477463248699
1726	135.0	139.4704774632487	0.0	0.0	4.470477463248699
1727	136.5	139.2053088467708	0.0	0.0	2.705308846770805
1728	136.5	139.2053088467708	0.0	0.0	2.705308846770805
1729	136.5	139.2053088467708	0.0	0.0	2.705308846770805
1730	136.5	134.54932641195006	0.0	13.073129934893487	13.217861163657446
1731	136.5	136.5	0.0	0.0	0.0
1732	136.5	136.5	0.0	0.0	0.0
1733	136.5	138.19851059980877	0.0	0.0	1.6985105998087704
1734	136.5	139.32517957461204	0.0	0.13803205698411333	2.828549535991957
1735	136.5	139.32517957461204	0.0	0.13803205698411333	2.828549535991957
1736	136.5	139.52008123601863	0.0	0.17079888151715694	3.0249070944541923
1737	136.5	139.52549661918576	0.0	0.1686149164589732	3.030191542255526
1738	136.5	139.52549661918576	0.0	0.1686149164589732	3.030191542255526
1739	136.5	139.52549661918576	0.0	0.1686149164589732	3.030191542255526
1740	136.5	140.15562570804897	0.0	0.0	3.655625708048973
1741	136.5	140.15562570804897	0.0	0.0	3.655625708048973
1742	138.0	139.47600987012504	0.0	0.0	1.47600987012504
1743	138.0	139.5240902812962	0.0	0.0	1.5240902812961963
1744	138.0	140.05444564082825	0.0	0.0	2.0544456408282485
1745	138.0	140.38268594713463	0.0	0.36781775528837213	2.4109090036287637
1746	138.0	139.72677291107175	0.0	0.37404833417399086	1.7668211122548705
1747	138.0	139.72677291107175	0.0	0.37404833417399086	1.7668211122548705
1748	138.0	139.72677291107175	0.0	0.37404833417399086	1.7668211122548705
1749	138.0	140.152004204554	0.0	0.0	2.1520042045540038
1750	138.0	140.152004204554	0.0	0.0	2.1520042045540038
1751	118.5	118.49999999999997	12.0	12.891446974066975	0.8914469740669748
1752	118.5	118.50000000000001	12.0	12.561025856958155	0.561025856958155
1753	118.5	118.50000000000001	12.0	12.561025856958155	0.561025856958155
1754	118.5	118.50000000000001	12.0	12.561025856958155	0.561025856958155
1755	118.5	118.5	12.0	12.0	0.0
1756	118.5	118.5	10.5	11.456833636430986	0.9568336364309857
1757	118.5	118.50000000000003	10.5	9.994661209336138	0.5053387906638616
1758	118.5	118.5	10.5	9.184937571797452	1.3150624282025483

1759	118.5	118.5	10.5	9.184937571797452	1.3150624282025483
1760	118.5	118.5	10.5	9.099419614805596	1.400580385194404
1761	118.5	118.500000000000001	10.5	10.971477143936532	0.4714771439365322
1762	118.5	118.500000000000001	10.5	10.971477143936532	0.4714771439365322
1763	118.5	118.5	10.5	10.5	0.0
1764	118.5	118.500000000000001	9.0	9.795678648326179	0.7956786483261791
1765	118.5	118.5	9.0	9.0	0.0
1766	118.5	118.5	9.0	8.446429051982339	0.5535709480176614
1767	118.5	118.5	9.0	8.514324512384452	0.48567548761554846
1768	118.5	118.5	9.0	8.514324512384452	0.48567548761554846
1769	118.5	118.5	9.0	9.555516547838863	0.5555165478388631
1770	118.5	118.499999999999999	9.0	8.613891409756944	0.3861085902430563
1771	118.5	118.499999999999997	7.5	7.307095790936393	0.19290420906360684
1772	118.5	118.499999999999997	7.5	7.307095790936393	0.19290420906360684
1773	118.5	118.5	7.5	7.5	0.0
1774	118.5	118.5	7.5	7.5	0.0
1775	118.5	118.499999999999999	7.5	7.563324538258575	0.0633245382585752
1776	118.5	118.499999999999999	7.5	7.563324538258575	0.0633245382585752
1777	118.5	118.500000000000001	6.0	7.2407641772099325	1.2407641772099325
1778	118.5	118.500000000000001	6.0	7.2407641772099325	1.2407641772099325
1779	118.5	122.11746361746367	6.0	3.30873180873181	4.508765629416248
1780	118.5	118.5	6.0	6.0	0.0
1781	118.5	118.5	6.0	6.0	0.0
1782	118.5	118.5	6.0	6.1972468963147165	0.19724689631471648
1783	118.5	118.5	6.0	6.1972468963147165	0.19724689631471648
1784	118.5	118.5	6.0	6.1972468963147165	0.19724689631471648
1785	118.5	118.5	6.0	5.693803466596033	0.30619653340396713
1786	118.5	118.500000000000001	6.0	6.6074161286353625	0.6074161286353625
1787	118.5	118.5	4.5	6.423911779526338	1.923911779526338
1788	118.5	118.5	4.5	4.5	0.0
1789	118.5	118.5	4.5	4.5	0.0
1790	118.5	118.5	4.5	4.5	0.0
1791	118.5	118.5	4.5	4.5	0.0
1792	118.5	118.499999999999999	4.5	4.068252159180458	0.43174784081954165
1793	118.5	118.5	3.0	3.803286376213047	0.8032863762130469
1794	118.5	118.5	3.0	3.803286376213047	0.8032863762130469
1795	118.5	118.499999999999999	3.0	3.6002148664045506	0.6002148664045506
1796	118.5	119.37963823310062	3.0	1.8702181115743401	1.431841659034627
1797	118.5	118.5	3.0	3.0	0.0
1798	118.5	118.5	3.0	3.0	0.0

1799	118.5	118.50000000000003	3.0	3.699390093324459	0.699390093324459
1800	118.5	118.49999999999999	3.0	4.637262325501622	1.6372623255016219
1801	106.5	105.68956172500462	36.0	36.000000000000001	0.8104382749953771
1802	108.0	108.68207977952105	36.0	36.0	0.6820797795210467
1803	108.0	108.18293948696547	36.0	36.0	0.18293948696546636
1804	108.0	108.46912656679724	36.0	36.000000000000001	0.46912656679724307
1805	108.0	108.46912656679724	36.0	36.000000000000001	0.46912656679724307
1806	108.0	102.30194542328184	36.0	36.0	5.698054576718164
1807	108.0	105.03075281784872	36.0	36.000000000000001	2.9692471821512783
1808	108.0	105.03075281784872	36.0	36.000000000000001	2.9692471821512783
1809	108.0	108.0	36.0	36.0	0.0
1810	109.5	105.82882325229794	36.0	36.0	3.671176747702063
1811	109.5	102.84165923282784	36.0	36.0	6.658340767172163
1812	109.5	109.5	36.0	36.0	0.0
1813	109.5	109.5	36.0	36.0	0.0
1814	109.5	109.5	36.0	36.0	0.0
1815	109.5	106.8020867837032	36.0	35.99999999999999	2.697913216296797
1816	109.5	109.5	36.0	36.0	0.0
1817	109.5	109.5	36.0	36.0	0.0
1818	111.0	111.0	36.0	36.0	0.0
1819	111.0	111.0	36.0	36.0	0.0
1820	111.0	111.0	36.0	36.0	0.0
1821	111.0	111.0	36.0	36.0	0.0
1822	111.0	111.0	36.0	36.0	0.0
1823	111.0	111.0	36.0	36.0	0.0
1824	112.5	111.6749810886042	36.0	35.99999999999999	0.8250189113958015
1825	112.5	111.6749810886042	36.0	35.99999999999999	0.8250189113958015
1826	112.5	111.67366937321694	36.0	35.99999999999999	0.8263306267830615
1827	112.5	111.67366937321694	36.0	35.99999999999999	0.8263306267830615
1828	112.5	112.5	36.0	36.0	0.0
1829	112.5	112.5	36.0	36.0	0.0
1830	112.5	112.5	36.0	36.0	0.0
1831	112.5	112.5	36.0	36.0	0.0
1832	114.0	114.0	36.0	36.0	0.0
1833	114.0	114.0	36.0	36.0	0.0
1834	114.0	114.0	36.0	36.0	0.0
1835	114.0	114.0	36.0	36.0	0.0
1836	114.0	108.49596157533638	36.0	36.000000000000001	5.504038424663619
1837	114.0	114.0	36.0	36.0	0.0
1838	114.0	114.0	36.0	36.0	0.0

1839	114.0	114.0	36.0	36.0	0.0
1840	114.0	114.0	36.0	36.0	0.0
1841	114.0	114.0	36.0	36.0	0.0
1842	114.0	112.86956521739131	36.0	36.0	1.1304347826086882
1843	114.0	112.86956521739131	36.0	36.0	1.1304347826086882
1844	114.0	112.86956521739131	36.0	36.0	1.1304347826086882
1845	114.0	112.86956521739131	36.0	36.0	1.1304347826086882
1846	115.5	111.46908315565032	36.0	36.0	4.030916844349676
1847	115.5	115.5	36.0	36.0	0.0
1848	115.5	115.5	36.0	36.0	0.0
1849	115.5	114.71332397818708	36.0	35.99999999999986	0.786676021812923
1850	115.5	114.71332397818708	36.0	35.99999999999986	0.786676021812923
1851	70.5	68.40296035113596	0.0	0.0	2.0970396488640404
1852	70.5	70.98363636363638	0.0	0.48363636363636375	0.6839651047113621
1853	70.5	70.98363636363638	0.0	0.48363636363636375	0.6839651047113621
1854	70.5	70.9860734236684	0.0	0.4860734236683996	0.6874116280609751
1855	72.0	71.30325923567352	0.0	0.6298918154420313	0.9392610882151472
1856	72.0	71.69074792486097	0.0	0.5290923222378865	0.6128421749756414
1857	72.0	71.69074792486097	0.0	0.5290923222378865	0.6128421749756414
1858	72.0	71.69074792486097	0.0	0.5290923222378865	0.6128421749756414
1859	72.0	72.0	0.0	0.0	0.0
1860	72.0	72.0	0.0	0.0	0.0
1861	72.0	72.0	0.0	0.0	0.0
1862	72.0	72.0	1.5	2.378448161612954	0.8784481616129538
1863	72.0	72.0	1.5	1.5	0.0
1864	72.0	72.0	1.5	1.5	0.0
1865	72.0	72.0	1.5	1.6736787852940038	0.17367878529400382
1866	72.0	72.0	1.5	1.6736787852940038	0.17367878529400382
1867	72.0	72.0	1.5	1.6736787852940038	0.17367878529400382
1868	72.0	72.0	1.5	4.497885474019468	2.9978854740194683
1869	72.0	72.0	1.5	4.520000741589038	3.0200007415890378
1870	72.0	71.99999999999999	3.0	4.541654357459379	1.5416543574593788
1871	72.0	71.99999999999999	3.0	4.541654357459379	1.5416543574593788
1872	72.0	72.0	3.0	4.042978183932137	1.0429781839321368
1873	72.0	72.0	3.0	4.042978183932137	1.0429781839321368
1874	72.0	72.0	3.0	4.042978183932137	1.0429781839321368
1875	72.0	72.0	3.0	4.042978183932137	1.0429781839321368
1876	72.0	72.0	3.0	4.053762830676792	1.053762830676792
1877	72.0	72.0	3.0	4.053762830676792	1.053762830676792
1878	72.0	72.0	3.0	4.053762830676792	1.053762830676792

1879	72.0	72.0	3.0	3.0	0.0
1880	72.0	72.0	4.5	4.5	0.0
1881	72.0	72.0	4.5	4.4846261818374415	0.01537381816255845
1882	72.0	72.0	4.5	4.4846261818374415	0.01537381816255845
1883	72.0	72.0	4.5	4.5	0.0
1884	72.0	72.0	4.5	4.5	0.0
1885	72.0	72.0	4.5	4.5	0.0
1886	72.0	72.0	6.0	5.1917370181585225	0.8082629818414775
1887	72.0	72.0	6.0	5.436337490209129	0.5636625097908707
1888	72.0	72.0	6.0	6.0	0.0
1889	72.0	72.0	6.0	6.0	0.0
1890	72.0	72.0	6.0	6.0	0.0
1891	72.0	72.0	6.0	6.0	0.0
1892	72.0	72.0	7.5	7.5	0.0
1893	72.0	72.0	7.5	7.5	0.0
1894	72.0	72.0	7.5	7.5	0.0
1895	72.0	72.0	7.5	7.5	0.0
1896	72.0	72.0	7.5	7.5	0.0
1897	72.0	72.0	7.5	7.5	0.0
1898	72.0	72.0	7.5	7.595277811124169	0.095277811124169
1899	72.0	72.0	7.5	7.595277811124169	0.095277811124169
1900	72.0	72.0	9.0	9.0	0.0
1901	78.0	78.03335736597397	36.0	36.000000000000001	0.03335736597396988
1902	78.0	78.03335736597397	36.0	36.000000000000001	0.03335736597396988
1903	78.0	78.03335736597397	36.0	36.000000000000001	0.03335736597396988
1904	78.0	78.0	36.0	36.0	0.0
1905	79.5	79.5	36.0	36.0	0.0
1906	79.5	79.51999333555482	36.0	35.999999999999999	0.019993335554815417
1907	79.5	80.08823529411762	36.0	35.999999999999999	0.5882352941176237
1908	79.5	80.08823529411762	36.0	35.999999999999999	0.5882352941176237
1909	79.5	80.08823529411762	36.0	35.999999999999999	0.5882352941176237
1910	79.5	79.5	36.0	36.0	0.0
1911	79.5	79.5	36.0	36.0	0.0
1912	79.5	79.5	36.0	36.0	0.0
1913	79.5	79.5	36.0	36.0	0.0
1914	81.0	85.48126016401433	36.0	36.000000000000001	4.48126016401433
1915	81.0	85.48126016401433	36.0	36.000000000000001	4.48126016401433
1916	81.0	85.48126016401433	36.0	36.000000000000001	4.48126016401433
1917	81.0	81.0	36.0	36.0	0.0
1918	81.0	81.0	36.0	36.0	0.0



1919	81.0	81.0	36.0	36.0	0.0
1920	81.0	82.02107951228555	36.0	36.000000000000001	1.021079512285553
1921	81.0	81.0	36.0	36.0	0.0
1922	81.0	80.92204424982715	36.0	35.999999999999999	0.07795575017284762
1923	81.0	80.92204424982715	36.0	35.999999999999999	0.07795575017284762
1924	82.5	82.62808730403945	36.0	36.000000000000001	0.1280873040394539
1925	82.5	82.5	36.0	36.0	0.0
1926	82.5	82.5	36.0	36.0	0.0
1927	82.5	82.5	36.0	36.0	0.0
1928	82.5	82.97565154189596	36.0	36.000000000000001	0.4756515418959566
1929	82.5	82.97565154189596	36.0	36.000000000000001	0.4756515418959566
1930	82.5	82.81122112211222	36.0	36.000000000000001	0.3112211221122152
1931	84.0	84.0	36.0	36.0	0.0
1932	84.0	84.0	36.0	36.0	0.0
1933	84.0	84.0	36.0	36.0	0.0
1934	84.0	84.0	36.0	36.0	0.0
1935	84.0	84.0	36.0	36.0	0.0
1936	84.0	84.0	36.0	36.0	0.0
1937	84.0	84.0	36.0	36.0	0.0
1938	84.0	84.0	36.0	36.0	0.0
1939	85.5	86.77556603773584	36.0	36.0	1.2755660377358424
1940	85.5	90.03882287559213	36.0	36.000000000000001	4.538822875592132
1941	85.5	85.5	36.0	36.0	0.0
1942	85.5	85.5	36.0	36.0	0.0
1943	85.5	89.54676258992805	36.0	36.0	4.046762589928051
1944	85.5	89.54676258992805	36.0	36.0	4.046762589928051
1945	87.0	89.37822435512898	36.0	36.0	2.378224355128978
1946	87.0	89.37822435512898	36.0	36.0	2.378224355128978
1947	87.0	89.37822435512898	36.0	36.0	2.378224355128978
1948	87.0	88.84348067669973	36.0	36.0	1.843480676699727
1949	87.0	88.84348067669973	36.0	36.0	1.843480676699727
1950	87.0	88.84348067669973	36.0	36.0	1.843480676699727
1951	127.5	127.6893984514592	31.5	31.5	0.18939845145919776
1952	127.5	127.5	31.5	31.5	0.0
1953	127.5	127.5	31.5	31.5	0.0
1954	127.5	127.5	31.5	31.5	0.0
1955	127.5	127.45720246980595	31.5	31.5	0.04279753019405064
1956	126.0	127.42459149124097	31.5	31.499999999999993	1.4245914912409745
1957	126.0	127.42459149124097	31.5	31.499999999999993	1.4245914912409745
1958	126.0	126.0	31.5	31.5	0.0

1959	126.0	126.0	31.5	31.5	0.0
1960	126.0	126.0	31.5	31.5	0.0
1961	124.5	124.5	31.5	31.5	0.0
1962	124.5	124.5	31.5	31.5	0.0
1963	124.5	124.5	31.5	31.5	0.0
1964	124.5	127.00964987190434	31.5	31.499999999999996	2.509649871904344
1965	124.5	127.00964987190434	31.5	31.499999999999996	2.509649871904344
1966	124.5	126.44566712517194	31.5	31.500000000000004	1.945667125171937
1967	124.5	123.48745235761183	31.5	31.500000000000004	1.0125476423881707
1968	124.5	123.48745235761183	31.5	31.500000000000004	1.0125476423881707
1969	123.0	123.0	31.5	31.5	0.0
1970	123.0	123.0	31.5	31.5	0.0
1971	123.0	123.0	31.5	31.5	0.0
1972	123.0	123.28794294540255	31.5	31.295170544994097	0.353364182459273
1973	123.0	123.28794294540255	31.5	31.295170544994097	0.353364182459273
1974	121.5	120.7130915718685	31.5	31.270347558292997	0.8197347853094753
1975	121.5	120.7130915718685	31.5	31.270347558292997	0.8197347853094753
1976	121.5	121.5	31.5	31.5	0.0
1977	121.5	121.40392238167719	31.5	31.683660914469606	0.20727334668595274
1978	121.5	121.40392238167719	31.5	31.683660914469606	0.20727334668595274
1979	121.5	121.40392238167719	31.5	31.683660914469606	0.20727334668595274
1980	121.5	121.32486918692847	31.5	31.5	0.175130813071533
1981	120.0	121.97171403974234	31.5	31.341895018746964	1.9780428305812976
1982	120.0	120.0	31.5	31.5	0.0
1983	120.0	120.0	31.5	31.5	0.0
1984	120.0	120.44429151824261	31.5	31.29943481133121	0.4874642018528835
1985	120.0	120.44429151824261	31.5	31.29943481133121	0.4874642018528835
1986	120.0	120.44429151824261	31.5	31.29943481133121	0.4874642018528835
1987	120.0	120.34752919444979	31.5	30.834515568767856	0.7507636573564889
1988	0.0	0.0	7.5	7.5	0.0
1989	0.0	0.0	7.5	9.123732126165514	1.623732126165514
1990	0.0	0.0	7.5	9.123732126165514	1.623732126165514
1991	0.0	0.0	7.5	9.123732126165514	1.623732126165514
1992	0.0	0.0	7.5	7.5	0.0
1993	0.0	0.0	9.0	8.930338213023727	0.06966178697627257
1994	0.0	0.0	9.0	9.266605253532385	0.2666052535323846
1995	0.0	0.0	9.0	9.266605253532385	0.2666052535323846
1996	0.0	0.0	9.0	9.153394442853054	0.15339444285305426
1997	0.0	0.0	9.0	11.196730882366115	2.196730882366115
1998	0.0	0.0	9.0	10.768970017530334	1.768970017530334

1999	0.0	0.0	10.5	10.592797813590558	0.09279781359055761
2000	0.0	0.0	10.5	10.647856245503647	0.14785624550364673
2001	0.0	0.0	10.5	10.901552330366911	0.4015523303669113
2002	0.0	0.0	10.5	10.901552330366911	0.4015523303669113
2003	0.0	0.0	10.5	10.901552330366911	0.4015523303669113
2004	0.0	0.0	10.5	10.901552330366911	0.4015523303669113
2005	0.0	0.0	10.5	10.901552330366911	0.4015523303669113
2006	0.0	0.0	10.5	10.821543289870469	0.3215432898704691
2007	0.0	0.0	12.0	12.14817921642159	0.1481792164215907
2008	0.0	0.0	12.0	12.14817921642159	0.1481792164215907
2009	0.0	0.0	12.0	12.22064373886723	0.22064373886722954
2010	0.0	0.0	12.0	11.923806263440941	0.07619373655905903
2011	0.0	0.0	12.0	11.923806263440941	0.07619373655905903
2012	0.0	0.0	12.0	11.923806263440941	0.07619373655905903
2013	0.0	0.0	12.0	11.923806263440941	0.07619373655905903
2014	0.0	0.0	12.0	11.923806263440941	0.07619373655905903
2015	0.0	0.0	13.5	13.5	0.0
2016	0.0	0.0	13.5	8.36518617540592	5.1348138245940795
2017	0.0	0.0	13.5	13.5	0.0
2018	0.0	0.0	13.5	13.5	0.0
2019	0.0	0.0	13.5	13.5	0.0
2020	0.0	0.0	13.5	13.5	0.0
2021	0.0	0.0	13.5	13.5	0.0
2022	0.0	0.0	13.5	13.516100223465404	0.016100223465404184
2023	0.0	0.0	13.5	11.116515501808049	2.383484498191951
2024	0.0	0.0	13.5	11.116515501808049	2.383484498191951
2025	0.0	0.0	13.5	11.116515501808049	2.383484498191951
2026	0.0	0.0	13.5	11.116515501808049	2.383484498191951
2027	0.0	0.0	13.5	11.116515501808049	2.383484498191951
2028	0.0	0.0	15.0	13.860694740562346	1.1393052594376538
2029	0.0	0.0	15.0	13.860694740562346	1.1393052594376538
2030	0.0	0.0	15.0	13.860694740562346	1.1393052594376538
2031	0.0	0.0	15.0	14.18018396935479	0.8198160306452102
2032	0.0	0.0	15.0	15.0	0.0
2033	0.0	0.0	15.0	15.0	0.0
2034	0.0	0.0	15.0	15.0	0.0
2035	0.0	0.0	15.0	15.0	0.0
2036	0.0	0.0	15.0	15.0	0.0
2037	0.0	0.0	16.5	16.5	0.0
2038	19.5	19.5	36.0	36.0	0.0

2039	19.5	19.5	36.0	36.0	0.0
2040	19.5	20.947949526813883	36.0	36.0	1.4479495268138827
2041	21.0	19.5	36.0	36.0	1.5
2042	21.0	21.0	36.0	36.0	0.0
2043	21.0	21.0	36.0	36.0	0.0
2044	21.0	21.0	36.0	36.0	0.0
2045	21.0	19.25864157977808	36.0	36.0	1.7413584202219212
2046	21.0	19.279324141522043	36.0	36.0	1.7206758584779571
2047	21.0	19.301126291148883	36.0	36.000000000000001	1.6988737088511172
2048	21.0	19.324088353450254	36.0	36.0	1.6759116465497463
2049	22.5	22.159816585812806	36.0	36.0	0.34018341418719444
2050	22.5	22.16304946568249	36.0	36.0	0.3369505343175092
2051	22.5	22.05123988373271	36.0	36.0	0.44876011626729095
2052	22.5	22.5	36.0	36.0	0.0
2053	22.5	22.5	36.0	36.0	0.0
2054	22.5	22.5	36.0	36.0	0.0
2055	22.5	22.5	36.0	36.0	0.0
2056	22.5	21.798980098736145	36.0	36.0	0.7010199012638552
2057	22.5	22.031411934688375	36.0	35.99999999999999	0.468588065311625
2058	22.5	22.03389733622957	36.0	36.000000000000001	0.46610266377043175
2059	22.5	22.515160490170665	36.0	35.999999999999986	0.015160490170664787
2060	22.5	22.515160490170665	36.0	35.999999999999986	0.015160490170664787
2061	22.5	22.548736883015934	36.0	36.000000000000001	0.04873688301593404
2062	24.0	22.827389443651924	36.0	36.0	1.1726105563480758
2063	24.0	21.47187441193926	36.0	36.000000000000001	2.528125588060739
2064	24.0	21.096709337997076	36.0	36.0	2.9032906620029237
2065	24.0	21.03209751997936	36.0	36.0	2.9679024800206406
2066	24.0	21.03209751997936	36.0	36.0	2.9679024800206406
2067	24.0	20.436225599386884	36.0	36.0	3.5637744006131165
2068	24.0	20.400019916351326	36.0	36.0	3.599980083648674
2069	24.0	20.64468526631312	36.0	36.0	3.3553147336868783
2070	24.0	20.64468526631312	36.0	36.0	3.3553147336868783
2071	25.5	19.96367817875467	36.0	36.0	5.5363218212453305
2072	25.5	24.24122499698597	36.0	36.000000000000001	1.25877500301403
2073	25.5	24.760091601081843	36.0	36.000000000000014	0.739908398918157
2074	25.5	25.5	36.0	36.0	0.0
2075	25.5	25.5	36.0	36.0	0.0
2076	25.5	21.766948174050736	36.0	36.0	3.733051825949264
2077	25.5	25.5	36.0	36.0	0.0
2078	25.5	25.5	36.0	36.0	0.0

2079	25.5	25.5	36.0	36.0	0.0
2080	25.5	25.5	36.0	36.0	0.0
2081	27.0	28.14875043039137	36.0	35.99999999999999	1.1487504303913703
2082	27.0	28.14875043039137	36.0	35.99999999999999	1.1487504303913703
2083	27.0	28.14875043039137	36.0	35.99999999999999	1.1487504303913703
2084	27.0	27.436741196506077	36.0	36.000000000000001	0.4367411965060768
2085	27.0	27.436741196506077	36.0	36.000000000000001	0.4367411965060768
2086	27.0	27.436741196506077	36.0	36.000000000000001	0.4367411965060768
2087	27.0	27.436741196506077	36.0	36.000000000000001	0.4367411965060768
2088	144.0	144.0	21.0	21.902642228923057	0.9026422289230567
2089	144.0	144.0	21.0	21.902642228923057	0.9026422289230567
2090	144.0	144.0	21.0	20.204382866302538	0.795617133697462
2091	144.0	144.0	21.0	20.204382866302538	0.795617133697462
2092	144.0	144.000000000000006	21.0	21.295890191637916	0.2958901916379162
2093	144.0	144.0	21.0	20.617808020637025	0.38219197936297533
2094	144.0	144.0	21.0	20.617808020637025	0.38219197936297533
2095	144.0	144.000000000000003	22.5	23.269959628477963	0.7699596284779631
2096	144.0	144.000000000000003	22.5	23.269959628477963	0.7699596284779631
2097	144.0	144.000000000000003	22.5	23.269959628477963	0.7699596284779631
2098	144.0	144.0	22.5	23.405023744063975	0.9050237440639748
2099	144.0	144.0	22.5	25.33361387255006	2.8336138725500604
2100	144.0	144.0	22.5	25.33361387255006	2.8336138725500604
2101	144.0	144.0	22.5	22.5	0.0
2102	144.0	144.0	22.5	22.402707658099125	0.0972923419008751
2103	144.0	143.99999999999997	22.5	24.493851498707983	1.9938514987079827
2104	144.0	144.0	24.0	25.020057889499974	1.0200578894999737
2105	144.0	144.0	24.0	24.0	0.0
2106	144.0	144.0	24.0	24.0	0.0
2107	144.0	144.0	24.0	24.162838630457752	0.1628386304577525
2108	144.0	144.0	24.0	24.162838630457752	0.1628386304577525
2109	144.0	144.0	24.0	24.162838630457752	0.1628386304577525
2110	144.0	143.99999999999997	24.0	25.875354966832017	1.8753549668320169
2111	144.0	144.0	24.0	26.82902012682814	2.8290201268281407
2112	144.0	144.0	24.0	26.82902012682814	2.8290201268281407
2113	144.0	144.0	24.0	26.82902012682814	2.8290201268281407
2114	144.0	144.0	24.0	25.804712899330696	1.8047128993306956
2115	144.0	144.0	24.0	26.66895603466421	2.668956034664209
2116	144.0	144.0	24.0	26.66895603466421	2.668956034664209
2117	144.0	144.0	25.5	25.5	0.0
2118	144.0	144.0	25.5	26.453851674945057	0.9538516749450565

2119	144.0	144.0	25.5	25.5	0.0
2120	144.0	144.000000000000003	25.5	26.719927763662962	1.2199277636629624
2121	144.0	144.000000000000003	25.5	26.719927763662962	1.2199277636629624
2122	144.0	143.999999999999997	25.5	26.92771608484987	1.4277160848498696
2123	144.0	143.999999999999997	25.5	26.92771608484987	1.4277160848498696
2124	144.0	143.999999999999997	27.0	27.1255447189448	0.12554471894479846
2125	144.0	143.999999999999997	27.0	27.1255447189448	0.12554471894479846
2126	144.0	144.0	27.0	27.0	0.0
2127	144.0	144.0	27.0	27.088812368473825	0.08881236847382468
2128	144.0	144.0	27.0	27.088812368473825	0.08881236847382468
2129	144.0	144.0	27.0	27.045781058199324	0.04578105819932432
2130	144.0	144.0	27.0	27.045781058199324	0.04578105819932432
2131	144.0	144.000000000000003	27.0	27.792968284570364	0.7929682845703638
2132	144.0	143.999999999999997	28.5	26.931250313688764	1.5687496863112358
2133	144.0	143.999999999999997	28.5	26.931250313688764	1.5687496863112358
2134	144.0	144.0	28.5	28.5	0.0
2135	144.0	144.0	28.5	28.5	0.0
2136	144.0	144.0	28.5	28.44295287000325	0.0570471299967501
2137	144.0	144.0	28.5	28.44295287000325	0.0570471299967501

The precision within 2m :1843 / 2137=0.8624239588207768 The average distance :1962.2529531832415 / 2137=0.9182278676571088