

queryID	ground_truth_X	positioning_X	ground_truth_Y	positioning_Y	Distance
1	144.0	144.00000000000003	28.5	28.704155800921047	0.2041558009210469
2	144.0	144.0	28.5	28.87231869254341	0.3723186925434092
3	144.0	144.0	28.5	28.87231869254341	0.3723186925434092
4	144.0	144.0	28.5	27.396233099132075	1.1037669008679245
5	144.0	144.0	28.5	27.396233099132075	1.1037669008679245
6	144.0	144.0	30.0	30.343297202075824	0.34329720207582426
7	144.0	144.0	30.0	30.343297202075824	0.34329720207582426
8	144.0	144.0	30.0	30.343297202075824	0.34329720207582426
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	142.38484928496595	30.0	30.323030143006807	1.6471370026703893
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	140.6825852639271	31.5	31.5	3.317414736072891
15	144.0	140.6825852639271	31.5	31.5	3.317414736072891
16	144.0	143.42592592592592	31.5	30.15740740740741	1.4601766715738562
17	144.0	143.42592592592592	31.5	30.15740740740741	1.4601766715738562
18	144.0	142.85673072448935	31.5	30.195989018658977	1.7342171939479256
19	144.0	144.0	31.5	31.5	0.0
20	144.0	143.68345323741005	31.5	29.28776978417266	2.2347627123982665
21	144.0	143.68345323741005	31.5	29.28776978417266	2.2347627123982665
22	142.5	143.52021131833826	31.5	30.866285119667012	1.2010102762345267
23	142.5	143.52021131833826	31.5	30.866285119667012	1.2010102762345267
24	142.5	142.7894802287988	31.5	31.204551106689873	0.41362888127351666
25	142.5	142.7894802287988	31.5	31.204551106689873	0.41362888127351666
26	142.5	142.7894802287988	31.5	31.204551106689873	0.41362888127351666
27	142.5	140.59846333223715	31.5	31.14483243146283	1.9344212831199068
28	141.0	139.1096852366921	31.5	31.5	1.890314763307913
29	141.0	141.0	31.5	31.5	0.0
30	141.0	139.85969564214895	31.5	31.5	1.1403043578510506
31	141.0	138.7887029288703	31.5	31.5	2.2112970711297066
32	141.0	138.7887029288703	31.5	31.5	2.2112970711297066
33	141.0	137.59548032021348	31.5	31.500000000000004	3.4045196797865174
34	141.0	139.44168802137287	31.5	31.499999999999996	1.5583119786271311
35	141.0	139.42417935299713	31.5	31.5	1.575820647002871
36	139.5	138.01355421686748	31.5	31.499999999999996	1.486445783132524
37	139.5	139.52244189153086	31.5	31.500000000000004	0.022441891530860403
38	139.5	139.52244189153086	31.5	31.500000000000004	0.022441891530860403

39	139.5	139.52244189153086	31.5	31.500000000000004	0.022441891530860403
40	139.5	138.88529179974284	31.5	31.5	0.6147082002571551
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	138.4467787114846	31.5	31.499999999999996	0.4467787114845976
45	138.0	138.4467787114846	31.5	31.499999999999996	0.4467787114845976
46	138.0	137.40183196117985	31.5	31.499999999999996	0.5981680388201482
47	138.0	139.03878960194965	31.5	31.5	1.0387896019496452
48	138.0	139.03878960194965	31.5	31.5	1.0387896019496452
49	138.0	139.03878960194965	31.5	31.5	1.0387896019496452
50	136.5	138.24205378973105	31.5	31.500000000000004	1.7420537897310453
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	89.64893617021276	36.0	36.0	1.1489361702127638
58	88.5	89.64893617021276	36.0	36.0	1.1489361702127638
59	88.5	89.64893617021276	36.0	36.0	1.1489361702127638
60	88.5	91.0227272727273	36.0	36.000000000000001	2.5227272727272947
61	88.5	91.0227272727273	36.0	36.000000000000001	2.5227272727272947
62	88.5	91.0227272727273	36.0	36.000000000000001	2.5227272727272947
63	88.5	91.0227272727273	36.0	36.000000000000001	2.5227272727272947
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	89.20093457943925	36.0	36.0	2.2990654205607512

79	91.5	89.20093457943925	36.0	36.0	2.2990654205607512
80	91.5	89.20093457943925	36.0	36.0	2.2990654205607512
81	91.5	92.48863636363636	36.0	36.0	0.9886363636363598
82	91.5	92.48863636363636	36.0	36.0	0.9886363636363598
83	91.5	92.48863636363636	36.0	36.0	0.9886363636363598
84	91.5	91.03125	36.0	36.0	0.46875
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	92.10277136258662	36.0	36.0	0.6027713625866227
88	91.5	92.10277136258662	36.0	36.0	0.6027713625866227
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	89.97457627118645	36.0	36.000000000000001	4.52542372881355
94	94.5	93.45	36.0	36.0	1.0499999999999972
95	94.5	93.45	36.0	36.0	1.0499999999999972
96	94.5	94.5	36.0	36.0	0.0
97	96.0	92.24133949191688	36.0	36.0	3.758660508083125
98	96.0	98.70790861159931	36.0	36.0	2.707908611599308
99	96.0	98.34918793503479	36.0	35.99999999999999	2.3491879350347915
100	96.0	93.7289002557545	36.0	36.000000000000001	2.271099744245504
101	36.0	35.05263157894737	36.0	36.0	0.9473684210526301
102	36.0	35.05263157894737	36.0	36.0	0.9473684210526301
103	36.0	35.05263157894737	36.0	36.0	0.9473684210526301
104	36.0	38.187662167283754	36.0	36.0	2.1876621672837544
105	36.0	38.18921798752239	36.0	35.99999999999999	2.1892179875223903
106	36.0	38.18921798752239	36.0	35.99999999999999	2.1892179875223903
107	36.0	38.18921798752239	36.0	35.99999999999999	2.1892179875223903
108	36.0	38.552784099980315	36.0	35.99999999999999	2.5527840999803146
109	37.5	37.5	36.0	36.0	0.0
110	37.5	37.354838709677416	36.0	36.0	0.14516129032258362
111	37.5	36.84146341463414	36.0	35.99999999999999	0.6585365853658587
112	37.5	37.58232820626314	36.0	36.0	0.08232820626314208
113	37.5	37.58232820626314	36.0	36.0	0.08232820626314208
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	37.58885651857246	36.0	35.99999999999999	0.08885651857246302
118	37.5	37.58885651857246	36.0	35.99999999999999	0.08885651857246302

119	39.0	38.111612672168086	36.0	36.0	0.8883873278319143
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	38.99903288201161	36.0	36.000000000000001	9.671179883881109E-4
124	39.0	39.0	36.0	36.0	0.0
125	40.5	40.347056850578575	36.0	36.000000000000001	0.15294314942142506
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	39.61147564763302	36.0	36.0	0.8885243523669786
129	40.5	40.5	36.0	36.0	0.0
130	40.5	40.28863887864257	36.0	36.000000000000001	0.21136112135742735
131	42.0	39.342006162273194	36.0	36.0	2.6579938377268064
132	42.0	39.342006162273194	36.0	36.0	2.6579938377268064
133	42.0	39.342006162273194	36.0	36.0	2.6579938377268064
134	42.0	42.007559848803034	36.0	35.980470390592195	0.020941751539595235
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	42.98272106868013	36.0	36.0	0.982721068680128
138	42.0	42.98272106868013	36.0	36.0	0.982721068680128
139	42.0	43.25088339222615	36.0	36.0	1.2508833922261502
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	42.82040406295345	36.0	35.999999999999999	0.6795959370465496
144	43.5	42.82040406295345	36.0	35.999999999999999	0.6795959370465496
145	43.5	42.82040406295345	36.0	35.999999999999999	0.6795959370465496
146	45.0	43.134535868504614	36.0	35.5849259017666	1.9110842296769925
147	45.0	43.15316010525251	36.0	35.57456229126607	1.8952083898198886
148	45.0	43.05269615259766	36.0	35.62531153890592	1.9830238821015242
149	45.0	45.0	36.0	36.0	0.0
150	45.0	44.992348617814834	36.0	35.992019526107946	0.011055840668408751
151	72.0	72.0	27.0	26.890511966972273	0.10948803302772703
152	72.0	72.0	27.0	26.992607487824436	0.007392512175563581
153	72.0	72.0	27.0	26.992781917672612	0.0072180823273875205
154	72.0	72.0	27.0	26.992781917672612	0.0072180823273875205
155	72.0	71.999999999999999	27.0	27.0	1.4210854715202004E-14
156	72.0	72.000000000000001	27.0	26.903380409016727	0.09661959098327344
157	72.0	72.000000000000001	27.0	26.903380409016727	0.09661959098327344
158	72.0	72.000000000000001	27.0	26.903380409016727	0.09661959098327344

159	72.0	72.000000000000001	27.0	26.903380409016727	0.09661959098327344
160	72.0	72.000000000000001	28.5	27.64512338425382	0.8548766157461785
161	72.0	72.000000000000001	28.5	27.64512338425382	0.8548766157461785
162	72.0	72.000000000000001	28.5	27.64512338425382	0.8548766157461785
163	72.0	72.0	28.5	26.11280636260347	2.3871936373965283
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	72.0	28.5	29.574074074074076	1.0740740740740762
168	72.0	72.0	28.5	29.574074074074076	1.0740740740740762
169	72.0	71.9296875	30.0	30.0234375	0.07411588266019639
170	72.0	72.0	30.0	30.0	0.0
171	72.0	71.2741935483871	30.0	30.241935483870968	0.7650671758471825
172	72.0	69.71641791044776	30.0	30.761194029850742	2.407106875650557
173	72.0	69.71641791044776	30.0	30.761194029850742	2.407106875650557
174	72.0	69.65736150032335	30.0	31.143026514334984	2.6066194107771206
175	72.0	69.65736150032335	30.0	31.143026514334984	2.6066194107771206
176	72.0	68.94235203689469	30.0	31.5	3.40576145175819
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	70.6224565941993	31.5	31.966842445649473	1.4544991247590888
181	72.0	71.9469043035459	31.5	31.499999999999996	0.0530956964540934
182	72.0	72.0	31.5	31.5	0.0
183	72.0	71.9469043035459	31.5	31.499999999999996	0.0530956964540934
184	72.0	72.0	31.5	31.5	0.0
185	72.0	71.19108085366787	31.5	31.5	0.8089191463321299
186	72.0	69.7831063088898	31.5	31.832023248668577	2.2416192975928464
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	68.95349675558761	31.5	31.5	1.546503244412392
190	70.5	68.96399314155077	31.5	31.499999999999996	1.5360068584492268
191	70.5	68.96399314155077	31.5	31.499999999999996	1.5360068584492268
192	70.5	68.96399314155077	31.5	31.499999999999996	1.5360068584492268
193	70.5	70.35091517417831	31.5	31.5	0.14908482582168858
194	69.0	69.01121076233181	31.5	31.499999999999996	0.01121076233181384
195	69.0	69.01121076233181	31.5	31.499999999999996	0.01121076233181384
196	69.0	69.0	31.5	31.5	0.0
197	69.0	69.02819183408943	31.5	31.499999999999996	0.028191834089426493
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	22.634877384196187	0.13487738419618722
202	0.0	0.0	24.0	23.29642629227824	0.703573707721759
203	0.0	0.0	24.0	23.29642629227824	0.703573707721759
204	0.0	0.0	24.0	23.283102413940863	0.7168975860591367
205	0.0	0.0	24.0	23.283102413940863	0.7168975860591367
206	0.0	0.0	24.0	22.45420681836586	1.5457931816341386
207	0.0	0.0	24.0	22.934423885377644	1.0655761146223561
208	0.0	0.0	24.0	22.934423885377644	1.0655761146223561
209	0.0	0.0	24.0	23.443473792394656	0.5565262076053443
210	0.0	0.0	24.0	24.0	0.0
211	0.0	0.0	24.0	21.299999999999997	2.7000000000000003
212	0.0	0.0	24.0	24.0	0.0
213	0.0	0.0	25.5	1.0698663739128944	24.430133626087105
214	0.0	0.0	25.5	2.30625	23.19375
215	0.0	0.0	25.5	25.686297401944845	0.18629740194484512
216	0.0	0.0	25.5	25.686297401944845	0.18629740194484512
217	0.0	0.0	25.5	25.691958322201444	0.19195832220144382
218	0.0	0.0	25.5	24.362968689601857	1.137031310398143
219	0.0	0.0	25.5	24.362968689601857	1.137031310398143
220	0.0	0.0	27.0	24.133965846640088	2.8660341533599123
221	0.0	0.0	27.0	27.217050443508647	0.2170504435086471
222	0.0	0.0	27.0	27.217050443508647	0.2170504435086471
223	0.0	0.0	27.0	27.217050443508647	0.2170504435086471
224	0.0	0.0	27.0	27.212445080712836	0.2124450807128362
225	0.0	0.0	27.0	27.331191588785046	0.33119158878504606
226	0.0	0.0	27.0	27.331191588785046	0.33119158878504606
227	0.0	0.0	27.0	27.331191588785046	0.33119158878504606
228	0.0	0.0	27.0	25.766779998827598	1.233220001172402
229	0.0	0.0	28.5	26.747698181001567	1.7523018189984327
230	0.0	0.0	28.5	26.747698181001567	1.7523018189984327
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	30.21951219512195	0.21951219512195053
238	0.0	0.0	30.0	30.21951219512195	0.21951219512195053

239	0.0	0.0	30.0	30.21951219512195	0.21951219512195053
240	0.0	0.0	30.0	29.89842983316977	0.10157016683022846
241	0.0	0.0	30.0	30.263358778625957	0.2633587786259568
242	0.0	0.0	30.0	30.263358778625957	0.2633587786259568
243	0.0	0.0	30.0	30.263358778625957	0.2633587786259568
244	0.0	0.0	30.0	30.263358778625957	0.2633587786259568
245	0.0	0.0	31.5	31.153545719099398	0.34645428090060193
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	30.670212765957444	0.8297872340425556
250	0.0	0.0	31.5	32.53952772073922	1.0395277207392226
251	96.0	93.7289002557545	36.0	36.000000000000001	2.271099744245504
252	96.0	94.74705882352941	36.0	36.0	1.2529411764705856
253	96.0	94.74705882352941	36.0	36.0	1.2529411764705856
254	97.5	94.558568329718	36.0	36.0	2.9414316702820003
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	90.96774193548386	36.0	36.0	6.532258064516142
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	101.32801664355061	36.0	36.0	2.3280166435506118
263	99.0	101.32801664355061	36.0	36.0	2.3280166435506118
264	99.0	94.46153846153848	36.0	36.000000000000001	4.538461538461519
265	99.0	97.66722972972973	36.0	36.0	1.3327702702702737
266	99.0	97.66722972972973	36.0	36.0	1.3327702702702737
267	99.0	97.66722972972973	36.0	36.0	1.3327702702702737
268	99.0	96.59602649006624	36.0	36.0	2.4039735099337634
269	99.0	96.59602649006624	36.0	36.0	2.4039735099337634
270	100.5	91.99763033175356	36.0	36.0	8.502369668246445
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	101.87425149700599	36.0	36.0	1.3742514970059858
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	97.65415019762847	36.0	36.0	4.345849802371532
278	102.0	102.18333885392514	36.0	36.0	0.18333885392513594

279	102.0	102.18333885392514	36.0	36.0	0.18333885392513594
280	102.0	104.00495049504948	36.0	36.0	2.004950495049485
281	102.0	103.90278988666086	36.0	36.0	1.9027898866608552
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	106.00061957868648	36.0	36.0	2.500619578686482
285	103.5	103.5	36.0	36.0	0.0
286	103.5	105.02382753403933	36.0	36.0	1.5238275340393272
287	103.5	105.02382753403933	36.0	36.0	1.5238275340393272
288	103.5	105.02382753403933	36.0	36.0	1.5238275340393272
289	103.5	105.42848832699913	36.0	36.0	1.9284883269991298
290	103.5	102.4245283018868	36.0	36.0	1.0754716981132049
291	103.5	102.4245283018868	36.0	36.0	1.0754716981132049
292	105.0	105.0	36.0	36.0	0.0
293	105.0	104.64163822525595	36.0	36.0	0.3583617747440542
294	105.0	105.0	36.0	36.0	0.0
295	105.0	105.61357921207042	36.0	36.0	0.6135792120704195
296	105.0	105.23599137931035	36.0	36.0	0.23599137931034875
297	106.5	105.5	36.0	36.0	1.0
298	106.5	104.87990518830655	36.0	36.0	1.6200948116934484
299	106.5	104.87990518830655	36.0	36.0	1.6200948116934484
300	106.5	105.88628370457211	36.0	36.0	0.6137162954278921
301	45.0	44.99999999999999	1.5	2.9638049276098553	1.4638049276098553
302	45.0	44.99999999999999	1.5	2.9784836065573765	1.4784836065573765
303	45.0	44.99999999999999	1.5	2.9784836065573765	1.4784836065573765
304	45.0	44.99999999999999	0.0	2.2612342837715023	2.2612342837715023
305	45.0	45.0	0.0	0.13216586909301403	0.13216586909301403
306	45.0	45.01577632745145	0.0	0.09840464104423494	0.09966125569598266
307	45.0	48.36883629191321	0.0	0.0	3.3688362919132118
308	46.5	45.95277629384123	0.0	0.5634137566368305	0.7854227178722061
309	46.5	45.95277629384123	0.0	0.5634137566368305	0.7854227178722061
310	46.5	45.95847285367793	0.0	0.5573612734075042	0.7771121150118281
311	46.5	45.95847285367793	0.0	0.5573612734075042	0.7771121150118281
312	46.5	46.61873926258756	0.0	0.0	0.11873926258756029
313	46.5	46.621486916793586	0.0	0.0	0.12148691679358592
314	46.5	48.92497181746065	0.0	0.0	2.4249718174606514
315	48.0	48.938857113934304	0.0	0.0	0.9388571139343043
316	48.0	48.06720171868724	0.0	0.0	0.06720171868723668
317	48.0	48.06720171868724	0.0	0.0	0.06720171868723668
318	48.0	48.0	0.0	0.0	0.0

319	48.0	48.39000149827699	0.0	0.0	0.3900014982769875
320	48.0	48.05817001250968	0.0	0.0	0.05817001250967735
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	48.7071631429473	0.0	0.0	0.7071631429473015
324	48.0	49.54932094353111	0.0	0.0	1.5493209435311073
325	49.5	49.86811845190715	0.0	0.0	0.36811845190715076
326	49.5	49.54381075537324	0.0	0.0	0.04381075537323653
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	49.86985797837003	0.0	0.0	0.3698579783700282
331	49.5	51.31861483007209	0.0	0.0	1.818614830072093
332	49.5	51.31861483007209	0.0	0.0	1.818614830072093
333	49.5	51.31861483007209	0.0	0.0	1.818614830072093
334	51.0	49.80470327979225	0.0	0.0	1.1952967202077502
335	51.0	51.0	0.0	0.0	0.0
336	51.0	50.99678598877426	0.0	0.0	0.0032140112257366127
337	51.0	50.99678598877426	0.0	0.0	0.0032140112257366127
338	51.0	50.99678598877426	0.0	0.0	0.0032140112257366127
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	52.32293986636971	0.0	0.0	0.17706013363029172
342	52.5	52.5	0.0	0.0	0.0
343	52.5	52.51554775952799	0.0	0.0	0.015547759527990479
344	52.5	53.88882987416245	0.0	0.0	1.3888298741624467
345	54.0	54.376892713975295	0.0	0.0	0.37689271397529467
346	54.0	52.89833183047791	0.0	0.0	1.1016681695220925
347	54.0	52.89833183047791	0.0	0.0	1.1016681695220925
348	54.0	52.96195652173913	0.0	0.0	1.0380434782608674
349	54.0	54.10080626470282	0.0	0.0	0.10080626470281828
350	54.0	54.10080626470282	0.0	0.0	0.10080626470281828
351	144.0	144.0	1.5	3.678711704634721	2.178711704634721
352	144.0	144.0	1.5	3.678711704634721	2.178711704634721
353	144.0	144.00000000000003	1.5	4.076523031203567	2.5765230312035667
354	144.0	144.0	3.0	3.0	0.0
355	144.0	144.0	3.0	4.401876974540048	1.4018769745400483
356	144.0	144.0	3.0	4.401876974540048	1.4018769745400483
357	144.0	144.00000000000003	3.0	4.384806826262148	1.3848068262621478
358	144.0	144.0	3.0	4.0999310820124055	1.0999310820124055

359	144.0	144.0	3.0	4.0999310820124055	1.0999310820124055
360	144.0	144.0	3.0	4.0999310820124055	1.0999310820124055
361	144.0	144.0	3.0	4.0938741375705625	1.0938741375705625
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	144.0	4.5	4.071519434628975	0.4284805653710251
365	144.0	144.0	4.5	4.071519434628975	0.4284805653710251
366	144.0	144.0	4.5	4.5	0.0
367	144.0	144.000000000000003	4.5	4.14896489648965	0.35103510351035005
368	144.0	144.000000000000003	4.5	4.14896489648965	0.35103510351035005
369	144.0	144.000000000000003	4.5	4.14896489648965	0.35103510351035005
370	144.0	144.000000000000003	4.5	4.14896489648965	0.35103510351035005
371	144.0	144.0	4.5	4.5	0.0
372	144.0	144.0	6.0	4.093596059113301	1.9064039408866993
373	144.0	144.0	6.0	4.064954682779456	1.9350453172205437
374	144.0	144.0	6.0	4.064954682779456	1.9350453172205437
375	144.0	144.0	6.0	4.064954682779456	1.9350453172205437
376	144.0	144.0	6.0	3.775407779171895	2.224592220828105
377	144.0	144.0	7.5	6.0644127773527154	1.4355872226472846
378	144.0	144.0	7.5	7.486129091917885	0.013870908082115108
379	144.0	144.0	7.5	7.486129091917885	0.013870908082115108
380	144.0	144.0	7.5	7.486129091917885	0.013870908082115108
381	144.0	144.000000000000003	7.5	4.863073984887487	2.636926015112513
382	144.0	144.000000000000003	7.5	4.863073984887487	2.636926015112513
383	144.0	144.0	7.5	4.386449659348978	3.113550340651022
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	144.0	9.0	8.553833717999172	0.44616628200082786
387	144.0	144.0	9.0	8.553833717999172	0.44616628200082786
388	144.0	144.0	9.0	7.7558528428093645	1.2441471571906355
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	144.000000000000003	9.0	8.574097135740972	0.4259028642590277
392	144.0	144.0	9.0	9.239546883177736	0.2395468831777361
393	144.0	144.0	10.5	10.5	0.0
394	144.0	144.0	10.5	10.43965300477747	0.06034699522252929
395	144.0	144.0	10.5	10.43965300477747	0.06034699522252929
396	144.0	144.0	10.5	9.343666747396465	1.1563332526035346
397	144.0	144.0	10.5	9.343666747396465	1.1563332526035346
398	144.0	144.0	10.5	10.43701165574687	0.06298834425312982

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	138.24205378973105	31.5	31.500000000000004	1.7420537897310453
402	136.5	138.01952560023142	31.5	31.5	1.5195256002314181
403	136.5	138.01952560023142	31.5	31.5	1.5195256002314181
404	136.5	134.64931740614333	31.5	31.5	1.8506825938566749
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	135.9406779661017	31.5	31.5	0.9406779661017026
408	135.0	135.9406779661017	31.5	31.5	0.9406779661017026
409	135.0	133.625	31.5	31.5	1.375
410	135.0	134.2025527192009	31.5	31.5	0.7974472807991049
411	135.0	134.2025527192009	31.5	31.5	0.7974472807991049
412	135.0	134.2025527192009	31.5	31.5	0.7974472807991049
413	135.0	134.2025527192009	31.5	31.5	0.7974472807991049
414	135.0	133.71428571428572	31.5	31.5	1.2857142857142776
415	135.0	133.71428571428572	31.5	31.5	1.2857142857142776
416	133.5	133.0169491525424	31.5	31.500000000000007	0.48305084745760496
417	133.5	133.0169491525424	31.5	31.500000000000007	0.48305084745760496
418	133.5	133.0169491525424	31.5	31.500000000000007	0.48305084745760496
419	133.5	133.0169491525424	31.5	31.500000000000007	0.48305084745760496
420	133.5	133.0096153846154	31.5	31.5	0.4903846153846132
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	132.8571428571429	31.5	31.500000000000004	0.8571428571428896
424	132.0	133.36363636363637	31.5	31.500000000000004	1.363636363636374
425	132.0	133.36363636363637	31.5	31.500000000000004	1.363636363636374
426	132.0	132.0	31.5	31.5	0.0
427	132.0	130.54918032786887	31.5	31.500000000000004	1.4508196721311322
428	132.0	130.54918032786887	31.5	31.500000000000004	1.4508196721311322
429	132.0	130.54918032786887	31.5	31.500000000000004	1.4508196721311322
430	132.0	130.54918032786887	31.5	31.500000000000004	1.4508196721311322
431	132.0	131.25	31.5	31.5	0.75
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	130.51898734177215	31.5	31.5	0.018987341772145783
438	130.5	130.42857142857142	31.5	31.5	0.07142857142858361

439	130.5	130.42857142857142	31.5	31.5	0.07142857142858361
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	126.33333333333334	31.5	31.5	2.666666666666657
444	129.0	126.33333333333334	31.5	31.5	2.666666666666657
445	127.5	129.4864864864865	31.5	31.5	1.9864864864865126
446	127.5	129.4864864864865	31.5	31.5	1.9864864864865126
447	127.5	129.4864864864865	31.5	31.5	1.9864864864865126
448	127.5	129.4864864864865	31.5	31.5	1.9864864864865126
449	127.5	129.53389830508476	31.5	31.5	2.0338983050847617
450	127.5	129.53389830508476	31.5	31.5	2.0338983050847617
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	16.51143149680383	0.011431496803830044
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	72.00000000000001	18.0	18.015273857586912	0.015273857586912243
457	72.0	72.00000000000001	18.0	18.025631578771886	0.025631578771886154
458	72.0	72.00000000000001	18.0	18.025631578771886	0.025631578771886154
459	72.0	72.00000000000001	18.0	18.025631578771886	0.025631578771886154
460	72.0	72.0	18.0	18.35910366269811	0.3591036626981108
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	19.559713231290456	0.05971323129045558
466	72.0	72.0	19.5	20.733358273499817	1.2333582734998174
467	72.0	71.99999999999999	19.5	20.76683339746056	1.2668333974605588
468	72.0	72.0	21.0	21.611650485436897	0.6116504854368969
469	72.0	72.0	21.0	21.02403056194545	0.024030561945451723
470	72.0	72.0	21.0	21.02403056194545	0.024030561945451723
471	72.0	72.0	21.0	21.02403056194545	0.024030561945451723
472	72.0	72.0	21.0	21.02403056194545	0.024030561945451723
473	72.0	72.0	21.0	21.02403056194545	0.024030561945451723
474	72.0	72.0	21.0	21.02403056194545	0.024030561945451723
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	22.44902211170106	0.050977888298941565
478	72.0	72.0	22.5	22.44902211170106	0.050977888298941565

479	72.0	72.0	22.5	22.44902211170106	0.050977888298941565
480	72.0	72.0	24.0	23.997931970444416	0.002068029555584161
481	72.0	72.0	24.0	23.95767794500396	0.04232205499603836
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	72.00000000000001	25.5	25.376503106617218	0.12349689338278225
488	72.0	72.00000000000001	25.5	25.376503106617218	0.12349689338278225
489	72.0	72.0	25.5	22.111233383220352	3.388766616779648
490	72.0	72.0	25.5	25.53459032334284	0.03459032334284018
491	72.0	72.0	25.5	25.52416278083934	0.024162780839340314
492	72.0	72.0	25.5	25.52416278083934	0.024162780839340314
493	72.0	72.0	25.5	25.52416278083934	0.024162780839340314
494	72.0	72.0	25.5	25.52416278083934	0.024162780839340314
495	72.0	72.0	25.5	25.52416278083934	0.024162780839340314
496	72.0	72.0	27.0	26.99156251206734	0.008437487932660304
497	72.0	72.0	27.0	27.862123613312203	0.8621236133122032
498	72.0	72.0	27.0	27.0	0.0
499	72.0	72.0	27.0	26.890511966972273	0.10948803302772703
500	72.0	72.0	27.0	26.890511966972273	0.10948803302772703
501	115.5	113.42863698944468	36.0	35.99999999999999	2.0713630105553165
502	115.5	113.42863698944468	36.0	35.99999999999999	2.0713630105553165
503	115.5	113.42863698944468	36.0	35.99999999999999	2.0713630105553165
504	115.5	113.42863698944468	36.0	35.99999999999999	2.0713630105553165
505	115.5	113.42863698944468	36.0	35.99999999999999	2.0713630105553165
506	115.5	112.59479553903346	36.0	36.0	2.9052044609665444
507	117.0	112.59479553903346	36.0	36.0	4.405204460966544
508	117.0	116.9537660082483	36.0	36.0	0.046233991751705616
509	117.0	116.9537660082483	36.0	36.0	0.046233991751705616
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	116.41662003357582	36.0	36.0	0.5833799664241752
514	117.0	117.51650221163662	36.0	35.75935692412386	0.5698101653995401
515	117.0	117.51650221163662	36.0	35.75935692412386	0.5698101653995401
516	118.5	117.51650221163662	36.0	35.75935692412386	1.0125102417668626
517	118.5	118.02583586626142	36.0	35.589665653495445	0.6270613220773399
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	116.55192178017532	36.0	36.0	1.94807821982468
524	118.5	118.5	36.0	36.0	0.0
525	118.5	117.75	34.5	35.25	1.0606601717798212
526	118.5	117.75	34.5	35.25	1.0606601717798212
527	118.5	118.5	34.5	34.36381492797905	0.13618507202095032
528	118.5	118.5	34.5	34.36381492797905	0.13618507202095032
529	118.5	118.5	34.5	34.36381492797905	0.13618507202095032
530	118.5	118.5	34.5	34.36381492797905	0.13618507202095032
531	118.5	118.26392251815979	33.0	34.16949152542372	1.193081307149652
532	118.5	118.26392251815979	33.0	34.16949152542372	1.193081307149652
533	118.5	118.26392251815979	33.0	34.16949152542372	1.193081307149652
534	118.5	118.49999999999999	33.0	33.564777327935225	0.5647773279352251
535	118.5	118.49999999999999	33.0	33.564777327935225	0.5647773279352251
536	118.5	118.5	33.0	33.50177462289264	0.5017746228926399
537	118.5	121.6065162907268	33.0	31.84085213032581	3.3157302737588923
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	120.11854919959698	33.0	32.15487518190977	1.8259073004038504
541	118.5	120.17512015576587	33.0	32.00347044782685	1.949127672731441
542	118.5	121.292220113852	31.5	31.841555977229604	2.813032820601446
543	118.5	121.292220113852	31.5	31.841555977229604	2.813032820601446
544	118.5	118.5	31.5	31.10231361847031	0.3976863815296916
545	118.5	118.5	31.5	31.10231361847031	0.3976863815296916
546	118.5	119.5618811881188	31.5	31.50907590759076	1.0619199733403635
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	68.99564711440073	31.5	31.5	0.004352885599274714
553	69.0	68.99564711440073	31.5	31.5	0.004352885599274714
554	69.0	68.99564711440073	31.5	31.5	0.004352885599274714
555	69.0	68.99564711440073	31.5	31.5	0.004352885599274714
556	69.0	68.30386740331492	31.5	31.500000000000007	0.6961325966850751
557	67.5	70.0977522216414	31.5	31.499999999999996	2.5977522216414
558	67.5	70.0977522216414	31.5	31.499999999999996	2.5977522216414

559	67.5	70.0977522216414	31.5	31.499999999999996	2.5977522216414
560	67.5	68.42230026338895	31.5	31.273046532045658	0.9498134829869626
561	67.5	67.5	31.5	31.5	0.0
562	67.5	67.54196642685851	31.5	31.500000000000004	0.041966426858508044
563	67.5	67.54196642685851	31.5	31.500000000000004	0.041966426858508044
564	67.5	67.54196642685851	31.5	31.500000000000004	0.041966426858508044
565	67.5	67.72532188841201	31.5	31.5	0.22532188841201162
566	67.5	68.76735598227474	31.5	31.499999999999993	1.2673559822747364
567	67.5	68.76735598227474	31.5	31.499999999999993	1.2673559822747364
568	66.0	67.31257419792954	31.5	31.5	1.3125741979295356
569	66.0	67.2662114868281	31.5	31.5	1.266211486828098
570	66.0	67.43466730954677	31.5	31.500000000000007	1.434667309546768
571	66.0	67.6917034855179	31.5	31.5	1.6917034855179054
572	66.0	67.6917034855179	31.5	31.5	1.6917034855179054
573	66.0	67.6917034855179	31.5	31.5	1.6917034855179054
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	64.08872901678657	31.5	31.5	0.41127098321342714
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	63.32490974729241	31.5	31.5	1.1750902527075908
582	63.0	62.80219291746926	31.5	31.5	0.19780708253073698
583	63.0	62.80219291746926	31.5	31.5	0.19780708253073698
584	63.0	63.0	31.5	31.5	0.0
585	63.0	61.36648250460406	31.5	31.5	1.6335174953959424
586	63.0	61.36648250460406	31.5	31.5	1.6335174953959424
587	63.0	61.36648250460406	31.5	31.5	1.6335174953959424
588	63.0	61.36648250460406	31.5	31.5	1.6335174953959424
589	63.0	61.42092457420924	31.5	31.499999999999996	1.5790754257907622
590	63.0	61.56253216675245	31.5	31.5	1.4374678332475526
591	63.0	61.56253216675245	31.5	31.5	1.4374678332475526
592	63.0	61.56253216675245	31.5	31.5	1.4374678332475526
593	61.5	61.758745476477685	31.5	31.5	0.2587454764776851
594	61.5	61.528612575403514	31.5	31.5	0.02861257540351403
595	61.5	61.528612575403514	31.5	31.5	0.02861257540351403
596	61.5	61.5	31.5	31.5	0.0
597	61.5	62.916201117318444	31.5	31.5	1.416201117318444
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	17.875385957382	0.12461404261799913
603	45.0	45.0	18.0	16.118074346917986	1.881925653082014
604	45.0	44.99999999999999	18.0	16.148666232921276	1.8513337670787244
605	45.0	44.99999999999999	18.0	16.148666232921276	1.8513337670787244
606	45.0	45.0	16.5	16.69557101227844	0.19557101227843887
607	45.0	45.0	16.5	16.909955196153426	0.409955196153426
608	45.0	45.0	16.5	16.909955196153426	0.409955196153426
609	45.0	45.0	16.5	16.909955196153426	0.409955196153426
610	45.0	45.0	16.5	16.91864439714182	0.41864439714181856
611	45.0	45.0	16.5	16.91864439714182	0.41864439714181856
612	45.0	45.0	16.5	16.91864439714182	0.41864439714181856
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	44.99999999999999	16.5	16.460711213077143	0.039288786922856644
616	45.0	44.99999999999999	16.5	16.460711213077143	0.039288786922856644
617	45.0	45.0	15.0	15.0	0.0
618	45.0	44.99999999999999	15.0	15.090687210878707	0.09068721087870735
619	45.0	45.0	15.0	16.39820393315903	1.3982039331590315
620	45.0	45.0	15.0	15.18665472495628	0.18665472495628066
621	45.0	45.0	15.0	15.18665472495628	0.18665472495628066
622	45.0	45.0	15.0	15.0	0.0
623	45.0	44.99999999999999	15.0	14.93460135926091	0.0653986407390903
624	45.0	45.0	13.5	13.5	0.0
625	45.0	44.99999999999999	13.5	13.393594306049819	0.1064056939501814
626	45.0	45.0	13.5	13.338812567228157	0.16118743277184322
627	45.0	45.0	13.5	13.321558282430614	0.17844171756938643
628	45.0	44.99999999999999	12.0	12.050538505862894	0.05053850586289421
629	45.0	45.0	12.0	15.275311957036804	3.275311957036804
630	45.0	45.0	12.0	12.017330987120518	0.01733098712051806
631	45.0	45.0	12.0	12.017330987120518	0.01733098712051806
632	45.0	45.0	12.0	12.0	0.0
633	45.0	45.000000000000001	12.0	11.967469879518074	0.03253012048192616
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	44.999999999999986	10.5	10.479128250958741	0.02087174904125888
637	45.0	45.0	10.5	10.5	0.0
638	45.0	45.000000000000001	10.5	10.47436346903896	0.025636530961039128

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	45.000000000000001	9.0	9.044960777777583	0.044960777775829186
643	45.0	45.0	9.0	9.32620087140835	0.32620087140834997
644	45.0	45.0	9.0	9.32620087140835	0.32620087140834997
645	45.0	45.0	9.0	9.32620087140835	0.32620087140834997
646	45.0	45.000000000000001	9.0	8.946958556639586	0.05304144336041361
647	45.0	45.000000000000001	9.0	9.209739633558343	0.20973963355834258
648	45.0	45.000000000000001	9.0	9.209739633558343	0.20973963355834258
649	45.0	45.000000000000001	9.0	9.209739633558343	0.20973963355834258
650	45.0	45.0	7.5	8.830545692393944	1.3305456923939438
651	27.0	27.666666666666675	36.0	36.000000000000001	0.666666666666675
652	27.0	27.666666666666675	36.0	36.000000000000001	0.666666666666675
653	27.0	27.0	36.0	36.0	0.0
654	28.5	22.517304667016255	36.0	36.0	5.982695332983745
655	28.5	27.57763345596516	36.0	35.99999999999999	0.9223665440348405
656	28.5	27.57763345596516	36.0	35.99999999999999	0.9223665440348405
657	28.5	27.621374743092026	36.0	36.0	0.8786252569079736
658	28.5	28.999653018736986	36.0	36.000000000000001	0.49965301873698564
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	29.266587932145153	36.0	36.0	0.7334120678548466
663	30.0	30.0	36.0	36.0	0.0
664	30.0	29.53002114164905	36.0	36.0	0.46997885835094877
665	30.0	29.51714731098987	36.0	36.0	0.4828526890101301
666	30.0	29.51714731098987	36.0	36.0	0.4828526890101301
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	30.15887339349193	36.0	36.0	1.3411266065080696
671	31.5	30.15887339349193	36.0	36.0	1.3411266065080696
672	31.5	30.15887339349193	36.0	36.0	1.3411266065080696
673	31.5	30.12090465564569	36.0	36.0	1.3790953443543117
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	32.00185555238367	36.0	36.0	0.5018555523836667
677	33.0	33.0	36.0	36.0	0.0
678	33.0	32.862068965517246	36.0	36.000000000000001	0.13793103448275446

679	33.0	31.139027431421447	36.0	36.0	1.8609725685785534
680	33.0	33.21796165489405	36.0	36.0	0.21796165489404729
681	33.0	33.21796165489405	36.0	36.0	0.21796165489404729
682	33.0	33.24117102596428	36.0	35.99999999999999	0.24117102596427742
683	33.0	33.24117102596428	36.0	35.99999999999999	0.24117102596427742
684	33.0	33.24117102596428	36.0	35.99999999999999	0.24117102596427742
685	33.0	33.24707077548256	36.0	36.0	0.2470707754825625
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	32.721288083301204	36.0	36.0	0.27871191669879636
690	33.0	31.985102420856606	36.0	36.0	1.014897579143394
691	34.5	35.27227722772277	36.0	36.0	0.7722772277227676
692	34.5	35.1	36.0	36.0	0.60000000000000014
693	34.5	35.1	36.0	36.0	0.60000000000000014
694	34.5	35.1	36.0	36.0	0.60000000000000014
695	34.5	35.48019801980198	36.0	36.0	0.980198019801982
696	34.5	35.48019801980198	36.0	36.0	0.980198019801982
697	34.5	35.48019801980198	36.0	36.0	0.980198019801982
698	34.5	35.50485436893203	36.0	35.99999999999999	1.0048543689320297
699	36.0	35.97761194029851	36.0	36.000000000000001	0.02238805970149116
700	36.0	35.04857142857143	36.0	36.0	0.951428571428572
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	64.49262726145741	0.0	0.0	0.007372738542585466
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	67.04464285714286	0.0	0.0	1.0446428571428612
711	66.0	65.68512594962016	0.0	0.0	0.3148740503798422
712	66.0	65.68512594962016	0.0	0.0	0.3148740503798422
713	66.0	65.68512594962016	0.0	0.0	0.3148740503798422
714	66.0	65.68512594962016	0.0	0.0	0.3148740503798422
715	66.0	65.67791909078609	0.0	0.0	0.3220809092139092
716	67.5	67.26185297955632	0.0	0.0	0.23814702044367664
717	67.5	67.26185297955632	0.0	0.0	0.23814702044367664
718	67.5	67.26185297955632	0.0	0.0	0.23814702044367664

719	67.5	66.89733395696913	0.0	0.0	0.6026660430308652
720	67.5	69.10999999999999	0.0	0.0	1.6099999999999852
721	67.5	69.10999999999999	0.0	0.0	1.6099999999999852
722	67.5	69.08683276027281	0.0	0.0	1.586832760272813
723	67.5	69.10999999999999	0.0	0.0	1.6099999999999852
724	67.5	69.10999999999999	0.0	0.0	1.6099999999999852
725	67.5	68.11995794303192	0.0	0.0	0.6199579430319204
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	68.96209289909237	0.0	0.0	0.037907100907631275
735	69.0	68.96209289909237	0.0	0.0	0.037907100907631275
736	69.0	68.96209289909237	0.0	0.0	0.037907100907631275
737	69.0	68.37653427918048	0.0	0.0	0.6234657208195244
738	69.0	68.6921322690992	0.0	0.0	0.30786773090007958
739	70.5	68.38773786735729	0.0	0.0	2.1122621326427122
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	70.50000000000001	0.0	0.0	1.4210854715202004E-14
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	70.5	0.0	0.0	0.0
748	70.5	70.5	0.0	0.0	0.0
749	70.5	70.49999999999999	0.0	0.0	1.4210854715202004E-14
750	70.5	70.5	0.0	0.0	0.0
751	52.5	52.694547654022294	31.5	31.500000000000007	0.19454765402229413
752	52.5	52.5	31.5	31.5	0.0
753	52.5	53.68063140927071	31.5	31.5	1.1806314092707098
754	52.5	52.163912466672684	31.5	31.500000000000007	0.33608753332731567
755	52.5	52.15144887916895	31.5	31.500000000000004	0.348551120831047
756	52.5	52.15144887916895	31.5	31.500000000000004	0.348551120831047
757	52.5	50.721142162818964	31.5	31.500000000000007	1.778857837181036
758	51.0	50.721142162818964	31.5	31.500000000000007	0.27885783718103596

759	51.0	50.83058823529413	31.5	31.5	0.16941176470587038
760	51.0	50.83058823529413	31.5	31.5	0.16941176470587038
761	51.0	50.903598971722346	31.5	31.499999999999993	0.09640102827765418
762	51.0	49.432668329177055	31.5	31.499999999999996	1.567331670822945
763	51.0	50.18674698795181	31.5	31.500000000000004	0.8132530120481931
764	51.0	50.16818181818182	31.5	31.5	0.8318181818181785
765	49.5	47.86901229334464	31.5	31.225307333615945	1.6539579680953491
766	49.5	49.544117647058826	31.5	31.5	0.04411764705882604
767	49.5	49.544117647058826	31.5	31.5	0.04411764705882604
768	49.5	49.52223903177004	31.5	31.500000000000007	0.022239031770041606
769	49.5	49.52223903177004	31.5	31.500000000000007	0.022239031770041606
770	49.5	49.5	31.5	31.499999999999996	3.552713678800501E-15
771	49.5	49.5	31.5	31.499999999999996	3.552713678800501E-15
772	49.5	49.5	31.5	31.499999999999996	3.552713678800501E-15
773	49.5	47.914926768463694	31.5	31.5	1.585073231536306
774	49.5	47.914926768463694	31.5	31.5	1.585073231536306
775	48.0	48.921805029280044	31.5	31.21064416121254	0.9661528416593197
776	48.0	48.04345243325222	31.5	31.5	0.043452433252220146
777	48.0	48.0	31.5	31.5	0.0
778	48.0	48.081966984357344	31.5	31.500000000000004	0.08196698435734362
779	48.0	48.58076009501187	31.5	31.500000000000004	0.5807600950118683
780	48.0	47.65255834178866	31.5	31.499999999999993	0.34744165821133777
781	48.0	47.65255834178866	31.5	31.499999999999993	0.34744165821133777
782	48.0	47.65255834178866	31.5	31.499999999999993	0.34744165821133777
783	48.0	47.652116031390136	31.5	31.5	0.3478839686098638
784	48.0	47.652116031390136	31.5	31.5	0.3478839686098638
785	46.5	48.82022471910111	31.5	31.499999999999996	2.3202247191011125
786	46.5	48.1870776674731	31.5	31.499999999999996	1.6870776674730976
787	46.5	48.1870776674731	31.5	31.499999999999996	1.6870776674730976
788	46.5	47.413519517613466	31.5	31.793240241193274	0.959430950155262
789	46.5	47.49269311064718	31.5	31.5	0.9926931106471812
790	46.5	47.49269311064718	31.5	31.5	0.9926931106471812
791	46.5	47.49269311064718	31.5	31.5	0.9926931106471812
792	46.5	46.47740830111502	31.5	31.500000000000004	0.02259169888498036
793	46.5	46.5	31.5	31.5	0.0
794	72.0	72.000000000000001	33.0	33.02038741517582	0.020387415175818546
795	72.0	72.0	33.0	33.06160795361941	0.06160795361940785
796	72.0	72.0	33.0	33.06160795361941	0.06160795361940785
797	72.0	69.55441135541331	33.0	32.45519064848316	2.505538075550155
798	72.0	72.000000000000001	33.0	33.06265356265357	0.06265356265357269

799	72.0	72.0	33.0	33.0	0.0
800	72.0	72.0	33.0	33.0654859967051	0.06548599670509958
801	4.5	4.314167725540026	36.0	36.0	0.1858322744599743
802	4.5	4.314167725540026	36.0	36.0	0.1858322744599743
803	4.5	4.314167725540026	36.0	36.0	0.1858322744599743
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	5.346520095224758	36.0	36.0	0.6534799047752422
808	6.0	5.346520095224758	36.0	36.0	0.6534799047752422
809	6.0	5.317375166734326	36.0	36.0	0.6826248332656739
810	6.0	5.317375166734326	36.0	36.0	0.6826248332656739
811	6.0	5.317375166734326	36.0	36.0	0.6826248332656739
812	6.0	5.317375166734326	36.0	36.0	0.6826248332656739
813	6.0	5.317375166734326	36.0	36.0	0.6826248332656739
814	6.0	5.379401408450704	36.0	36.0	0.620598591549296
815	6.0	5.379401408450704	36.0	36.0	0.620598591549296
816	6.0	5.379401408450704	36.0	36.0	0.620598591549296
817	6.0	5.379401408450704	36.0	36.0	0.620598591549296
818	6.0	4.2951922039627455	36.0	36.0	1.7048077960372545
819	7.5	7.277777777777779	36.0	36.0	0.22222222222222143
820	7.5	7.5	36.0	36.0	0.0
821	7.5	4.833333333333333	36.0	36.0	2.666666666666667
822	7.5	4.628342245989304	36.0	36.0	2.8716577540106956
823	7.5	4.628342245989304	36.0	36.0	2.8716577540106956
824	7.5	4.628342245989304	36.0	36.0	2.8716577540106956
825	7.5	4.628342245989304	36.0	36.0	2.8716577540106956
826	7.5	4.628342245989304	36.0	36.0	2.8716577540106956
827	9.0	8.625354777672658	36.0	35.99999999999999	0.37464522232734154
828	9.0	8.600339807699733	36.0	36.0	0.39966019230026717
829	9.0	8.625354777672658	36.0	35.99999999999999	0.37464522232734154
830	9.0	8.625354777672658	36.0	35.99999999999999	0.37464522232734154
831	9.0	8.625354777672658	36.0	35.99999999999999	0.37464522232734154
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	9.773029045643153	36.0	35.99999999999999	0.7730290456431526
835	9.0	9.773029045643153	36.0	35.99999999999999	0.7730290456431526
836	10.5	9.80210352849942	36.0	36.00000000000001	0.6978964715005809
837	10.5	9.80210352849942	36.0	36.00000000000001	0.6978964715005809
838	10.5	10.761233551961544	36.0	36.0	0.26123355196154385

839	10.5	10.58	36.0	36.0	0.080000000000000007
840	10.5	11.722172913220641	36.0	36.0	1.222172913220641
841	10.5	11.834200260078022	36.0	36.0	1.3342002600780223
842	10.5	10.20684039087948	36.0	36.0	0.2931596091205204
843	12.0	12.202702702702704	36.0	36.0	0.20270270270270352
844	12.0	11.94392523364486	36.0	36.000000000000001	0.05607476635513997
845	12.0	11.94392523364486	36.0	36.000000000000001	0.05607476635513997
846	12.0	12.0	36.0	36.0	0.0
847	12.0	11.534010152284264	36.0	36.0	0.46598984771573626
848	12.0	11.534010152284264	36.0	36.0	0.46598984771573626
849	12.0	11.534010152284264	36.0	36.0	0.46598984771573626
850	12.0	11.534010152284264	36.0	36.0	0.46598984771573626
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	60.31797111784632	31.5	31.5	0.3179711178463194
854	60.0	60.40502793296089	31.5	31.5	0.40502793296089123
855	60.0	60.40502793296089	31.5	31.5	0.40502793296089123
856	60.0	60.40502793296089	31.5	31.5	0.40502793296089123
857	60.0	60.40502793296089	31.5	31.5	0.40502793296089123
858	60.0	60.40502793296089	31.5	31.5	0.40502793296089123
859	60.0	61.472438544466925	31.5	31.5	1.4724385444669252
860	60.0	61.4303739178486	31.5	31.500000000000004	1.4303739178485984
861	60.0	61.4303739178486	31.5	31.500000000000004	1.4303739178485984
862	60.0	61.43210463401165	31.5	31.5	1.432104634011651
863	60.0	61.43375648131593	31.5	31.500000000000004	1.4337564813159318
864	60.0	61.43375648131593	31.5	31.500000000000004	1.4337564813159318
865	58.5	60.78252299605782	31.5	31.500000000000004	2.2825229960578213
866	58.5	60.739471530942964	31.5	31.5	2.2394715309429643
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	59.82600382409177	31.5	31.5	1.3260038240917709
871	58.5	59.23506988564168	31.5	31.5	0.7350698856416784
872	58.5	59.202975538737356	31.5	31.5	0.7029755387373555
873	58.5	59.23506988564168	31.5	31.5	0.7350698856416784
874	58.5	59.23506988564168	31.5	31.5	0.7350698856416784
875	58.5	59.23506988564168	31.5	31.5	0.7350698856416784
876	57.0	59.32078666932026	31.5	31.5	2.3207866693202632
877	57.0	59.353986795327586	31.5	31.5	2.353986795327586
878	57.0	59.353986795327586	31.5	31.5	2.353986795327586

879	57.0	59.353986795327586	31.5	31.5	2.353986795327586
880	57.0	59.36469906289247	31.5	31.5	2.36469906289247
881	57.0	55.12178111587983	31.5	31.5	1.878218884120173
882	57.0	55.12178111587983	31.5	31.5	1.878218884120173
883	57.0	55.13528886906089	31.5	31.5	1.8647111309391065
884	57.0	55.13528886906089	31.5	31.5	1.8647111309391065
885	57.0	57.0	31.5	31.5	0.0
886	55.5	57.173502871205905	31.5	31.5	1.6735028712059048
887	55.5	55.478713819123776	31.5	31.499999999999996	0.021286180876224137
888	55.5	55.478713819123776	31.5	31.499999999999996	0.021286180876224137
889	55.5	55.45872800198586	31.5	31.500000000000004	0.041271998014138944
890	55.5	55.45872800198586	31.5	31.500000000000004	0.041271998014138944
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	54.70481927710843	31.5	31.5	0.7048192771084274
894	54.0	54.01773328465923	31.5	31.500000000000004	0.017733284659229298
895	54.0	54.01773328465923	31.5	31.500000000000004	0.017733284659229298
896	54.0	50.98740818467995	31.5	31.5	3.01259181532005
897	54.0	50.98740818467995	31.5	31.5	3.01259181532005
898	54.0	50.79430498313975	31.5	31.500000000000004	3.205695016860247
899	52.5	52.86940541951199	31.5	31.5	0.3694054195119918
900	52.5	52.694547654022294	31.5	31.500000000000007	0.19454765402229413
901	139.5	140.19087136929463	0.0	0.46058091286307057	0.8303240489139234
902	139.5	139.5	0.0	0.0	0.0
903	139.5	139.49999999999997	0.0	0.0	2.8421709430404007E-14
904	139.5	139.77925531914892	0.0	0.0	0.2792553191489162
905	139.5	139.77925531914892	0.0	0.0	0.2792553191489162
906	139.5	139.77925531914892	0.0	0.0	0.2792553191489162
907	139.5	139.8401162790698	0.0	0.0	0.3401162790698038
908	139.5	139.8401162790698	0.0	0.0	0.3401162790698038
909	139.5	140.8878384185647	0.0	0.0	1.3878384185647121
910	139.5	140.8878384185647	0.0	0.0	1.3878384185647121
911	141.0	141.0	0.0	0.0	0.0
912	141.0	139.75457241317508	0.0	0.0	1.245427586824917
913	141.0	140.84337349397592	0.0	0.0	0.15662650602408235
914	141.0	140.84337349397592	0.0	0.0	0.15662650602408235
915	141.0	139.62385321100916	0.0	0.0	1.3761467889908374
916	141.0	140.0574940523394	0.0	0.0	0.9425059476606066
917	141.0	140.14832788268802	0.0	0.0	0.8516721173119777
918	141.0	140.14832788268802	0.0	0.0	0.8516721173119777

919	142.5	142.29984301412873	0.0	0.23446961202063243	0.3082836647540368
920	142.5	142.29984301412873	0.0	0.23446961202063243	0.3082836647540368
921	142.5	141.2712895377129	0.0	0.0	1.228710462287097
922	142.5	142.5	0.0	0.0	0.0
923	142.5	142.22071767095463	0.0	0.2894380501015572	0.4022101492548383
924	142.5	142.28267316246556	0.0	0.3501376826943444	0.4121011419000047
925	142.5	142.28267316246556	0.0	0.3501376826943444	0.4121011419000047
926	142.5	142.28267316246556	0.0	0.3501376826943444	0.4121011419000047
927	142.5	141.60896669513238	0.0	1.0858667805294622	1.4046519196728886
928	142.5	140.61875	0.0	0.0	1.8812499999999943
929	142.5	140.61875	0.0	0.0	1.8812499999999943
930	142.5	140.61875	0.0	0.0	1.8812499999999943
931	144.0	144.0	0.0	0.8556882494926721	0.8556882494926721
932	144.0	144.0	0.0	0.8556882494926721	0.8556882494926721
933	144.0	144.0	0.0	0.8556882494926721	0.8556882494926721
934	144.0	144.0	0.0	0.4791118004315077	0.4791118004315077
935	144.0	144.0	0.0	0.4791118004315077	0.4791118004315077
936	144.0	144.0	0.0	0.4791118004315077	0.4791118004315077
937	144.0	144.0	0.0	0.4791118004315077	0.4791118004315077
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	143.49056603773585	1.5	0.990566037735849	0.7204484185674281
946	144.0	143.148539404827	1.5	0.8544481762087011	1.068514062767834
947	144.0	143.148539404827	1.5	0.8544481762087011	1.068514062767834
948	144.0	143.148539404827	1.5	0.8544481762087011	1.068514062767834
949	144.0	141.82344857809682	1.5	1.2142316015477699	2.1952311198921004
950	144.0	144.0	1.5	3.678711704634721	2.178711704634721
951	0.0	0.0	16.5	15.107763615295482	1.3922363847045176
952	0.0	0.0	16.5	15.013432835820893	1.4865671641791067
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	16.172571428571427	0.3274285714285732
957	0.0	0.0	16.5	16.377016129032256	0.12298387096774377
958	0.0	0.0	18.0	16.377016129032256	1.6229838709677438

959	0.0	0.0	18.0	16.377016129032256	1.6229838709677438
960	0.0	0.0	18.0	16.25486381322957	1.7451361867704307
961	0.0	0.0	18.0	16.25486381322957	1.7451361867704307
962	0.0	0.0	18.0	16.25486381322957	1.7451361867704307
963	0.0	0.0	18.0	21.986290213112525	3.9862902131125253
964	0.0	0.0	18.0	21.986290213112525	3.9862902131125253
965	0.0	0.0	18.0	19.26247057504764	1.2624705750476402
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	17.990251522130755	1.5097484778692447
969	0.0	0.0	19.5	19.04302230207398	0.45697769792602116
970	0.0	0.0	19.5	19.003492745835572	0.49650725416442754
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	21.07675851446175	0.0767585144617513
981	0.0	0.0	21.0	21.07675851446175	0.0767585144617513
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	21.45213998292891	0.4521399829289088
989	0.0	0.0	21.0	21.45213998292891	0.4521399829289088
990	0.0	0.0	21.0	21.45213998292891	0.4521399829289088
991	0.0	0.0	22.5	20.059777102330294	2.440222897669706
992	0.0	0.0	22.5	20.059777102330294	2.440222897669706
993	0.0	0.0	22.5	20.059777102330294	2.440222897669706
994	0.0	0.0	22.5	19.10402167369055	3.39597832630945
995	0.0	0.0	22.5	20.25898528584063	2.2410147141593697
996	0.0	0.0	22.5	19.196341764851283	3.303658235148717
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	22.634877384196187	0.13487738419618722
1000	0.0	0.0	22.5	22.634877384196187	0.13487738419618722
1001	118.5	118.500000000000003	21.0	21.85514018691589	0.8551401869158894
1002	118.5	118.5	19.5	20.184069097888678	0.6840690978886776
1003	118.5	118.5	19.5	20.184069097888678	0.6840690978886776
1004	118.5	118.5	19.5	20.184069097888678	0.6840690978886776
1005	118.5	118.5	19.5	20.60204081632653	1.1020408163265287
1006	118.5	118.5	19.5	20.60204081632653	1.1020408163265287
1007	118.5	118.5	19.5	22.462402258362687	2.962402258362687
1008	118.5	118.49999999999999	18.0	19.591092047998792	1.5910920479987922
1009	118.5	118.49999999999999	18.0	19.591092047998792	1.5910920479987922
1010	118.5	118.5	18.0	20.593808325894667	2.593808325894667
1011	118.5	118.5	18.0	20.593808325894667	2.593808325894667
1012	118.5	118.5	18.0	20.593808325894667	2.593808325894667
1013	118.5	118.5	18.0	19.045274861025323	1.045274861025323
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	118.5	16.5	18.13039049235993	1.630390492359929
1017	118.5	118.5	16.5	15.762026239067055	0.7379737609329453
1018	118.5	118.5	16.5	13.89908256880734	2.6009174311926593
1019	118.5	118.5	16.5	14.067543773843296	2.432456226156704
1020	118.5	118.5	16.5	14.067543773843296	2.432456226156704
1021	118.5	118.500000000000001	16.5	15.69495746379756	0.8050425362024392
1022	118.5	118.5	16.5	13.224481091839637	3.275518908160363
1023	118.5	118.5	15.0	12.776649746192893	2.223350253807107
1024	118.5	118.5	15.0	15.0	0.0
1025	118.5	118.49999999999997	15.0	14.501026694045173	0.49897330595482714
1026	118.5	118.49999999999999	15.0	16.940664094315437	1.9406640943154372
1027	118.5	118.49999999999999	15.0	16.940664094315437	1.9406640943154372
1028	118.5	118.5	15.0	13.991182509964972	1.0088174900350282
1029	118.5	118.5	15.0	13.991182509964972	1.0088174900350282
1030	118.5	118.49999999999999	15.0	15.041077759125365	0.04107775912536482
1031	118.5	118.500000000000003	15.0	13.75606075549857	1.24393924450143
1032	118.5	118.49999999999999	15.0	12.341902313624677	2.6580976863753225
1033	118.5	118.49999999999999	15.0	11.787401574803148	3.212598425196852
1034	118.5	118.5	13.5	12.614810790537597	0.8851892094624034
1035	118.5	118.49999999999997	13.5	11.993596182822701	1.5064038171772989
1036	118.5	118.49999999999999	13.5	11.585227272727273	1.9147727272727266
1037	118.5	118.5	13.5	11.794995794785534	1.7050042052144665
1038	118.5	118.5	13.5	13.27941176470588	0.22058823529411953

1039	118.5	118.5	13.5	13.27941176470588	0.22058823529411953
1040	118.5	118.5	13.5	13.27941176470588	0.22058823529411953
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	12.856444332998997	0.856444332998997
1044	118.5	118.49999999999997	12.0	12.049555802332033	0.049555802332033494
1045	118.5	118.49999999999997	12.0	12.049555802332033	0.049555802332033494
1046	118.5	118.49999999999997	12.0	12.049555802332033	0.049555802332033494
1047	118.5	118.50000000000001	12.0	13.210266821345709	1.2102668213457086
1048	118.5	118.50000000000001	12.0	12.216501507970703	0.2165015079707029
1049	118.5	118.50000000000001	12.0	12.216501507970703	0.2165015079707029
1050	118.5	118.50000000000001	12.0	12.216501507970703	0.2165015079707029
1051	72.0	72.00000000000001	33.0	33.12089552238807	0.12089552238806789
1052	72.0	72.00000000000001	33.0	33.12089552238807	0.12089552238806789
1053	72.0	72.2803738317757	33.0	33.30841121495327	0.41680566581266837
1054	72.0	72.0	34.5	33.591322978039635	0.908677021960365
1055	72.0	73.13270547945206	34.5	34.43835616438356	1.134381622581316
1056	72.0	73.025	34.5	34.366666666666674	1.0336357084475107
1057	72.0	72.0	34.5	33.68181818181819	0.818181818181813
1058	72.0	72.29729729729729	36.0	34.486486486486484	1.5424360079330037
1059	72.0	72.98643592142187	36.0	35.174929840972865	1.2860002310996992
1060	72.0	72.98643592142187	36.0	35.174929840972865	1.2860002310996992
1061	72.0	72.98643592142187	36.0	35.174929840972865	1.2860002310996992
1062	72.0	73.01257174091283	36.0	35.1932221918557	1.2946783238354462
1063	72.0	73.01257174091283	36.0	35.1932221918557	1.2946783238354462
1064	72.0	75.4271523178808	36.0	35.99999999999999	3.4271523178807968
1065	72.0	76.91806020066889	36.0	35.99999999999999	4.91806020066889
1066	72.0	76.91806020066889	36.0	35.99999999999999	4.91806020066889
1067	72.0	76.98472816127062	36.0	36.0	4.984728161270624
1068	72.0	76.98472816127062	36.0	36.0	4.984728161270624
1069	72.0	72.0	36.0	36.0	0.0
1070	73.5	73.11290322580646	36.0	35.612903225806456	0.5474375080153812
1071	73.5	74.45015745466392	36.0	36.00000000000001	0.9501574546639233
1072	73.5	74.4665009748677	36.0	36.00000000000001	0.9665009748676994
1073	73.5	74.4665009748677	36.0	36.00000000000001	0.9665009748676994
1074	73.5	76.09931506849315	36.0	36.0	2.599315068493155
1075	73.5	74.0196915450289	36.0	36.0	0.5196915450289055
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	75.09251101321586	36.0	36.0	0.09251101321585509
1082	75.0	75.09251101321586	36.0	36.0	0.09251101321585509
1083	75.0	75.18140649973364	36.0	36.000000000000001	0.1814064997336402
1084	75.0	75.09251101321586	36.0	36.0	0.09251101321585509
1085	75.0	75.09251101321586	36.0	36.0	0.09251101321585509
1086	75.0	75.09251101321586	36.0	36.0	0.09251101321585509
1087	75.0	78.34802595997836	36.0	36.0	3.348025959978358
1088	76.5	78.34802595997836	36.0	36.0	1.848025959978358
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	76.90570952281726	36.0	36.000000000000001	0.40570952281726136
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	78.20058139534882	36.0	35.999999999999999	1.70058139534882
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	78.03658536585365	36.0	36.0	0.036585365853653684
1099	78.0	78.03658536585365	36.0	36.0	0.036585365853653684
1100	78.0	78.03658536585365	36.0	36.0	0.036585365853653684
1101	118.5	118.499999999999999	3.0	4.014084507042252	1.0140845070422522
1102	118.5	118.5	1.5	1.5	0.0
1103	118.5	121.02225177220154	1.5	0.528302608795477	2.702952057001289
1104	118.5	120.45179516153884	1.5	0.7142123375622784	2.1040357893927957
1105	118.5	120.55226838555409	1.5	0.7047460005977986	2.2009621645793853
1106	118.5	120.71606247398569	1.5	0.6552633143717916	2.3716055651506838
1107	118.5	120.71606247398569	1.5	0.6552633143717916	2.3716055651506838
1108	118.5	119.61510031678985	0.0	1.4540654699049629	1.8324178309749017
1109	118.5	121.20366356729772	0.0	0.0	2.703663567297724
1110	118.5	121.32493294729001	0.0	1.3200029642303208	3.1181170571775283
1111	118.5	121.32493294729001	0.0	1.3200029642303208	3.1181170571775283
1112	118.5	118.5	0.0	1.427461588858127	1.427461588858127
1113	118.5	118.5	0.0	1.427461588858127	1.427461588858127
1114	118.5	118.500000000000001	0.0	2.0509279240397067	2.0509279240397067
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	120.71460640021604	0.0	0.0	2.2146064002160415
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	120.12034609334033	0.0	0.0	1.6203460933403306
1121	118.5	121.07613017228687	0.0	0.0	2.5761301722868666
1122	118.5	119.77899274668125	0.0	0.6503352949226768	1.4348374269879582
1123	120.0	120.88956127080183	0.0	0.0	0.8895612708018348
1124	120.0	122.03832140930785	0.0	0.0	2.038321409307855
1125	120.0	122.25927817235805	0.0	0.0	2.2592781723580515
1126	120.0	122.25927817235805	0.0	0.0	2.2592781723580515
1127	120.0	120.0	0.0	0.0	0.0
1128	120.0	120.9398305514687	0.0	0.0	0.9398305514687024
1129	120.0	120.0	0.0	0.0	0.0
1130	121.5	121.20840630472854	0.0	0.0	0.29159369527145884
1131	121.5	121.20840630472854	0.0	0.0	0.29159369527145884
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	121.45254496468363	0.0	0.0	0.04745503531637496
1135	121.5	121.45254496468363	0.0	0.0	0.04745503531637496
1136	121.5	121.45254496468363	0.0	0.0	0.04745503531637496
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	122.21346394375918	0.0	0.0	0.7134639437591801
1140	121.5	121.5178386763185	0.0	0.0	0.017838676318504554
1141	123.0	120.31832149030151	0.0	2.163721912809679	3.4457353562558266
1142	123.0	121.86679245283017	0.0	0.0	1.1332075471698317
1143	123.0	121.86679245283017	0.0	0.0	1.1332075471698317
1144	123.0	121.86679245283017	0.0	0.0	1.1332075471698317
1145	123.0	121.38948021245241	0.0	0.0	1.610519787547588
1146	123.0	121.46785011851331	0.0	0.0	1.5321498814866885
1147	123.0	121.46785011851331	0.0	0.0	1.5321498814866885
1148	123.0	121.46785011851331	0.0	0.0	1.5321498814866885
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	144.0	12.0	11.664317170167852	0.33568282983214814
1152	144.0	144.0	12.0	12.0	0.0
1153	144.0	143.99999999999997	12.0	11.977347654278322	0.022652345721677847
1154	144.0	143.99999999999997	12.0	13.228488232419043	1.2284882324190427
1155	144.0	143.99999999999997	12.0	13.228488232419043	1.2284882324190427
1156	144.0	144.00000000000003	12.0	11.947708317764189	0.052291682235811265
1157	144.0	144.0	12.0	11.17989918084436	0.8201008191556394
1158	144.0	144.0	12.0	11.17989918084436	0.8201008191556394

1159	144.0	144.0	13.5	13.5	0.0
1160	144.0	144.0	13.5	15.17693574958814	1.6769357495881394
1161	144.0	144.0	13.5	15.17693574958814	1.6769357495881394
1162	144.0	144.0	13.5	15.17693574958814	1.6769357495881394
1163	144.0	143.99999999999997	13.5	15.359828448892063	1.8598284488920633
1164	144.0	143.99999999999997	13.5	15.098815692079938	1.5988156920799383
1165	144.0	143.99999999999997	13.5	15.098815692079938	1.5988156920799383
1166	144.0	143.99999999999997	13.5	15.098815692079938	1.5988156920799383
1167	144.0	144.0	13.5	14.456102852038537	0.9561028520385371
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	144.00000000000003	13.5	13.482868667887056	0.017131332112944264
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	16.48777727478497	1.4877772747849711
1174	144.0	144.0	15.0	16.48777727478497	1.4877772747849711
1175	144.0	144.00000000000003	15.0	13.211914641375225	1.788085358624775
1176	144.0	143.99999999999997	15.0	12.853516404566134	2.1464835954338657
1177	144.0	144.0	15.0	13.053568689850849	1.9464313101491513
1178	144.0	144.0	15.0	13.053568689850849	1.9464313101491513
1179	144.0	144.0	15.0	14.009006772457349	0.990993227542651
1180	144.0	144.0	16.5	17.35996705107084	0.8599670510708393
1181	144.0	143.99999999999997	16.5	17.340037712130734	0.8400377121307336
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	17.62210036102922	0.3778996389707814
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	18.0	0.0
1189	144.0	144.0	18.0	18.0	0.0
1190	144.0	144.0	18.0	18.0	0.0
1191	144.0	144.0	18.0	18.0	0.0
1192	144.0	144.0	18.0	18.0	0.0
1193	144.0	143.99999999999997	19.5	17.64705882352941	1.8529411764705905
1194	144.0	143.99999999999997	19.5	17.64705882352941	1.8529411764705905
1195	144.0	143.99999999999997	19.5	17.64705882352941	1.8529411764705905
1196	144.0	144.0	19.5	19.5	0.0
1197	144.0	144.0	19.5	19.5857759097445	0.08577590974449834
1198	144.0	144.0	19.5	19.5857759097445	0.08577590974449834

1199	144.0	144.0	19.5	20.06197047275733	0.5619704727573307
1200	144.0	144.000000000000003	21.0	20.72940074906367	0.2705992509363284
1201	45.0	45.0	7.5	8.830545692393944	1.3305456923939438
1202	45.0	45.0	7.5	8.830545692393944	1.3305456923939438
1203	45.0	45.0	7.5	8.830545692393944	1.3305456923939438
1204	45.0	45.0	7.5	6.5482646420824295	0.9517353579175705
1205	45.0	45.0	7.5	7.568472048236528	0.06847204823652842
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	4.553115568443662	2.946884431556338
1209	45.0	45.0	7.5	4.392959086584206	3.107040913415794
1210	45.0	45.0	7.5	4.392959086584206	3.107040913415794
1211	45.0	45.0	7.5	4.392959086584206	3.107040913415794
1212	45.0	45.0	7.5	4.445413191811978	3.054586808188022
1213	45.0	45.0	7.5	4.445413191811978	3.054586808188022
1214	45.0	45.0	7.5	6.323618470855413	1.176381529144587
1215	45.0	45.0	7.5	6.323618470855413	1.176381529144587
1216	45.0	45.0	7.5	6.323618470855413	1.176381529144587
1217	45.0	44.999999999999999	7.5	6.317483443708609	1.1825165562913913
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	45.0	6.0	5.663704128440367	0.33629587155963314
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	6.013474355259345	0.013474355259345039
1224	45.0	45.0	6.0	6.013474355259345	0.013474355259345039
1225	45.0	44.999999999999999	6.0	6.09587727708533	0.09587727708532956
1226	45.0	45.0	6.0	4.4316529043708455	1.5683470956291545
1227	45.0	45.0	6.0	4.4316529043708455	1.5683470956291545
1228	45.0	45.0	6.0	4.11093851945734	1.8890614805426598
1229	45.0	45.0	6.0	4.11093851945734	1.8890614805426598
1230	45.0	45.0	4.5	2.9214724462169954	1.5785275537830046
1231	45.0	45.0	4.5	2.9214724462169954	1.5785275537830046
1232	45.0	45.0	4.5	2.9214724462169954	1.5785275537830046
1233	45.0	45.0	4.5	4.429992211371397	0.0700077886286028
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	45.0	4.5	4.426456208967733	0.07354379103226716
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	45.000000000000001	3.0	3.4932228543161026	0.4932228543161026
1243	45.0	45.0	3.0	3.0286663470100694	0.028666347010069426
1244	45.0	45.0	3.0	3.0519330640507794	0.051933064050779354
1245	45.0	45.0	3.0	2.740900151807894	0.25909984819210585
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	11.534010152284264	36.0	36.0	0.46598984771573626
1252	12.0	11.34427645788337	36.0	35.999999999999999	0.6557235421166308
1253	12.0	10.33817516369771	36.0	36.0	1.6618248363022907
1254	13.5	9.977443609022558	36.0	36.0	3.522556390977442
1255	13.5	14.685483870967742	36.0	36.0	1.185483870967742
1256	13.5	14.685483870967742	36.0	36.0	1.185483870967742
1257	13.5	14.66915422885572	36.0	36.0	1.1691542288557208
1258	13.5	14.66915422885572	36.0	36.0	1.1691542288557208
1259	13.5	14.288071065989845	36.0	36.0	0.7880710659898451
1260	13.5	13.5	36.0	36.0	0.0
1261	13.5	13.65144230769231	36.0	36.000000000000001	0.15144230769231015
1262	13.5	13.65144230769231	36.0	36.000000000000001	0.15144230769231015
1263	13.5	15.334030975303474	36.0	36.0	1.8340309753034738
1264	15.0	14.89655172413793	36.0	36.0	0.1034482758620694
1265	15.0	14.89655172413793	36.0	36.0	0.1034482758620694
1266	15.0	14.89655172413793	36.0	36.0	0.1034482758620694
1267	15.0	14.89655172413793	36.0	36.0	0.1034482758620694
1268	15.0	14.88177339901478	36.0	36.000000000000001	0.11822660098522064
1269	15.0	14.88177339901478	36.0	36.000000000000001	0.11822660098522064
1270	15.0	11.587509539557363	36.0	36.0	3.412490460442637
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	16.502382212811007	36.0	36.0	0.002382212811006923
1276	16.5	15.607438016528928	36.0	36.0	0.8925619834710723
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	15.446869070208729	36.0	36.0	1.053130929791271
1282	16.5	15.208860759493673	36.0	36.0	1.2911392405063271
1283	16.5	15.272727272727273	36.0	36.000000000000001	1.2272727272727266
1284	16.5	15.272727272727273	36.0	36.000000000000001	1.2272727272727266
1285	16.5	15.272727272727273	36.0	36.000000000000001	1.2272727272727266
1286	18.0	17.72867420349435	36.0	36.0	0.2713257965056499
1287	18.0	17.72867420349435	36.0	36.0	0.2713257965056499
1288	18.0	17.72867420349435	36.0	36.0	0.2713257965056499
1289	18.0	17.73642172523962	36.0	36.000000000000001	0.26357827476038054
1290	18.0	18.305241521068854	36.0	35.999999999999999	0.3052415210688544
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	18.417086110733237	36.0	36.0	1.082913889266763
1295	19.5	18.435856812537466	36.0	36.0	1.064143187462534
1296	19.5	18.435856812537466	36.0	36.0	1.064143187462534
1297	19.5	18.466703056768562	36.0	36.0	1.0332969432314378
1298	19.5	18.466703056768562	36.0	36.0	1.0332969432314378
1299	19.5	18.466703056768562	36.0	36.0	1.0332969432314378
1300	19.5	19.840909090909093	36.0	36.000000000000001	0.3409090909090935
1301	118.5	118.5	30.0	30.0	0.0
1302	118.5	119.65909090909089	30.0	31.159090909090907	1.63920208365971
1303	118.5	119.65909090909089	30.0	31.159090909090907	1.63920208365971
1304	118.5	118.49999999999999	28.5	28.47019286966686	0.029807130333139753
1305	118.5	118.5	28.5	28.5	0.0
1306	118.5	118.5	28.5	27.87514703411191	0.6248529658880884
1307	118.5	118.5	28.5	27.870204518112548	0.6297954818874523
1308	118.5	118.5	28.5	27.986749365661122	0.5132506343388776
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	118.5	27.0	28.086809815950915	1.0868098159509145
1314	118.5	118.49999999999997	27.0	27.33023483365949	0.3302348336594889
1315	118.5	118.49999999999997	27.0	27.33023483365949	0.3302348336594889
1316	118.5	119.58620689655176	25.5	31.086206896551733	5.690830599587264
1317	118.5	118.500000000000001	25.5	27.352883781439722	1.852883781439722
1318	118.5	118.5	25.5	27.343981264637	1.8439812646370015

1319	118.5	118.49999999999999	25.5	21.431330472103003	4.068669527896997
1320	118.5	118.49999999999999	25.5	21.431330472103003	4.068669527896997
1321	118.5	118.49999999999999	25.5	21.431330472103003	4.068669527896997
1322	118.5	118.5	25.5	26.439360426657846	0.9393604266578457
1323	118.5	118.5	25.5	26.439360426657846	0.9393604266578457
1324	118.5	118.5	25.5	26.439360426657846	0.9393604266578457
1325	118.5	118.5	25.5	26.439360426657846	0.9393604266578457
1326	118.5	118.5	25.5	25.5	0.0
1327	118.5	118.50000000000001	24.0	26.92202462380301	2.9220246238030114
1328	118.5	118.5	24.0	23.72583479789104	0.27416520210896067
1329	118.5	118.5	24.0	23.72583479789104	0.27416520210896067
1330	118.5	118.50000000000001	24.0	23.41962271888456	0.5803772811154388
1331	118.5	118.5	24.0	22.469620253164557	1.5303797468354432
1332	118.5	118.5	24.0	22.469620253164557	1.5303797468354432
1333	118.5	118.5	24.0	24.933840717586303	0.9338407175863033
1334	118.5	118.5	24.0	24.0	0.0
1335	118.5	118.50000000000001	24.0	23.339197507409377	0.6608024925906228
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	23.35923995193985	0.8592399519398484
1339	118.5	118.50000000000001	22.5	23.35923995193985	0.8592399519398484
1340	118.5	118.50000000000001	22.5	23.35923995193985	0.8592399519398484
1341	118.5	118.5	22.5	24.09745996611838	1.5974599661183788
1342	118.5	118.5	22.5	21.92477657282137	0.5752234271786314
1343	118.5	118.5	22.5	21.92477657282137	0.5752234271786314
1344	118.5	118.5	22.5	21.92477657282137	0.5752234271786314
1345	118.5	118.5	21.0	21.568722707423582	0.5687227074235821
1346	118.5	118.5	21.0	21.568722707423582	0.5687227074235821
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	118.5	21.0	21.27446808510638	0.2744680851063812
1350	118.5	118.5	21.0	21.27446808510638	0.2744680851063812
1351	45.0	44.992348617814834	36.0	35.992019526107946	0.011055840668408751
1352	45.0	44.937560503388184	36.0	35.93610842207164	0.0893354603016775
1353	45.0	44.70535714285714	36.0	35.67857142857143	0.4360398373955291
1354	45.0	44.70535714285714	36.0	35.67857142857143	0.4360398373955291
1355	45.0	44.70535714285714	36.0	35.67857142857143	0.4360398373955291
1356	45.0	44.71316349524286	36.0	35.67786054081121	0.4313339908096034
1357	45.0	44.71316349524286	36.0	35.67786054081121	0.4313339908096034
1358	45.0	44.89193970417108	34.5	34.526223035374365	0.11119656073314046

1359	45.0	44.328947368421055	34.5	34.669172932330824	0.6920484920743899
1360	45.0	45.0	34.5	33.90921656438326	0.5907834356167427
1361	45.0	45.0	34.5	33.90320358250086	0.5967964174991423
1362	45.0	45.000000000000001	34.5	34.4268292682927	0.07317073170730026
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	45.0	34.5	33.90144608613643	0.5985539138635687
1367	45.0	45.0	34.5	33.90144608613643	0.5985539138635687
1368	45.0	45.0	33.0	33.0	0.0
1369	45.0	45.000000000000001	33.0	33.000864318882826	8.643188828258985E-4
1370	45.0	45.0	33.0	33.0	0.0
1371	45.0	45.0	33.0	33.02075471698113	0.020754716981130628
1372	45.0	45.000000000000001	33.0	32.570873283234	0.42912671676599956
1373	45.0	45.0	33.0	32.57357630060136	0.4264236993986401
1374	45.0	45.0	33.0	32.57750578401373	0.42249421598626924
1375	45.0	45.0	33.0	32.23074438798948	0.7692556120105181
1376	45.0	47.01875732708089	31.5	31.5	2.018757327080891
1377	45.0	47.01875732708089	31.5	31.5	2.018757327080891
1378	45.0	47.30175205513577	31.5	31.500000000000004	2.301752055135772
1379	45.0	45.0	31.5	31.81919541782188	0.31919541782188077
1380	45.0	45.0	31.5	31.80866640284923	0.3086664028492301
1381	45.0	45.0	31.5	31.80866640284923	0.3086664028492301
1382	45.0	45.0	31.5	31.798338991859147	0.29833899185914703
1383	45.0	44.999999999999999	31.5	31.789786982830712	0.28978698283071225
1384	45.0	45.76804802062632	31.5	31.500000000000004	0.7680480206263169
1385	45.0	45.76804802062632	31.5	31.500000000000004	0.7680480206263169
1386	45.0	45.76804802062632	31.5	31.500000000000004	0.7680480206263169
1387	45.0	45.76804802062632	31.5	31.500000000000004	0.7680480206263169
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	45.12125748502994	30.0	30.040419161676645	0.12781661201279634
1395	45.0	45.0	30.0	30.04672311923109	0.04672311923108907
1396	45.0	45.0	30.0	30.04672311923109	0.04672311923108907
1397	45.0	45.000000000000001	30.0	30.01704410952419	0.01704410952418911
1398	45.0	45.0	30.0	30.0	0.0

1399	45.0	45.0	30.0	30.352206099713534	0.3522060997135341
1400	45.0	45.0	30.0	29.333484040148296	0.6665159598517043
1401	124.5	123.78589841232643	0.0	0.0	0.7141015876735679
1402	124.5	125.19357629343864	0.0	0.0	0.6935762934386389
1403	124.5	126.70025371511417	0.0	0.0	2.2002537151141723
1404	124.5	124.5	0.0	0.0	0.0
1405	124.5	125.3096739400979	0.0	0.0	0.8096739400978947
1406	124.5	126.99755217727392	0.0	0.0	2.497552177273917
1407	124.5	126.99755217727392	0.0	0.0	2.497552177273917
1408	124.5	127.51324386367648	0.0	0.0	3.013243863676479
1409	124.5	125.35103874850913	0.0	0.0	0.8510387485091258
1410	126.0	125.18890335419438	0.0	0.0	0.8110966458056197
1411	126.0	125.35644183585106	0.0	0.0	0.6435581641489421
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	127.02530758448839	0.0	0.0	1.025307584488388
1415	126.0	127.5	0.0	0.0	1.5
1416	126.0	127.5	0.0	0.0	1.5
1417	126.0	127.5	0.0	0.0	1.5
1418	126.0	127.5	0.0	0.0	1.5
1419	126.0	127.5	0.0	0.0	1.5
1420	126.0	127.19859813084113	0.0	0.0	1.198598130841134
1421	126.0	128.21098265895952	0.0	0.0	2.210982658959523
1422	126.0	128.21098265895952	0.0	0.0	2.210982658959523
1423	127.5	127.66042780748664	0.0	0.0	0.16042780748664143
1424	127.5	127.91351351351352	0.0	0.0	0.4135135135135215
1425	127.5	127.91351351351352	0.0	0.0	0.4135135135135215
1426	127.5	130.2697899838449	0.0	0.0	2.769789983844902
1427	127.5	130.2697899838449	0.0	0.0	2.769789983844902
1428	127.5	127.5	0.0	0.0	0.0
1429	127.5	129.1831418648143	0.0	0.0	1.6831418648143028
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	129.8642513498183	0.0	0.0	0.8642513498182893
1433	129.0	129.8642513498183	0.0	0.0	0.8642513498182893
1434	129.0	130.19458658766496	0.0	0.0	1.1945865876649577
1435	129.0	129.58185053380782	0.0	0.0	0.5818505338078239
1436	129.0	129.58185053380782	0.0	0.0	0.5818505338078239
1437	129.0	130.10820895522392	0.0	0.0	1.1082089552239154
1438	129.0	130.10820895522392	0.0	0.0	1.1082089552239154

1439	129.0	130.10820895522392	0.0	0.0	1.1082089552239154
1440	130.5	130.82605402676091	0.0	0.0	0.32605402676091444
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	130.13721498371336	0.0	0.0	0.3627850162866366
1446	130.5	129.586444400785855	0.0	0.0	0.913555992141454
1447	130.5	129.586444400785855	0.0	0.0	0.913555992141454
1448	130.5	129.586444400785855	0.0	0.0	0.913555992141454
1449	132.0	130.3252647503782	0.0	0.0	1.67473524962179
1450	132.0	132.0	0.0	0.0	0.0
1451	72.0	72.000000000000003	9.0	8.973625453530564	0.0263745464694356
1452	72.0	72.0	9.0	9.251532529167491	0.25153252916749125
1453	72.0	72.000000000000001	9.0	9.026975476839239	0.02697547683923851
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	72.0	10.5	13.489806624177413	2.9898066241774135
1459	72.0	72.000000000000001	10.5	13.500000000000002	3.0000000000000018
1460	72.0	72.000000000000001	10.5	13.500000000000002	3.0000000000000018
1461	72.0	72.000000000000001	10.5	11.532794990112066	1.032794990112066
1462	72.0	72.000000000000001	10.5	11.532794990112066	1.032794990112066
1463	72.0	72.000000000000001	10.5	11.532794990112066	1.032794990112066
1464	72.0	71.99999999999999	10.5	11.509381044487425	1.0093810444874247
1465	72.0	71.99999999999999	12.0	11.509381044487425	0.4906189555125753
1466	72.0	72.0	12.0	10.887616236547906	1.1123837634520939
1467	72.0	72.0	12.0	10.887616236547906	1.1123837634520939
1468	72.0	72.0	12.0	10.887616236547906	1.1123837634520939
1469	72.0	72.0	12.0	10.887616236547906	1.1123837634520939
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	13.283448635948309	1.283448635948309
1473	72.0	72.0	12.0	12.605301229719956	0.6053012297199558
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	12.267408183386738	0.26740818338673833
1478	72.0	72.0	12.0	13.451225792213048	1.451225792213048

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	13.857089025292359	0.35708902529235864
1483	72.0	72.0	13.5	13.857089025292359	0.35708902529235864
1484	72.0	72.0	13.5	13.857089025292359	0.35708902529235864
1485	72.0	72.0	13.5	13.857089025292359	0.35708902529235864
1486	72.0	72.000000000000001	15.0	14.94980717984271	0.05019282015729054
1487	72.0	72.0	15.0	14.303466576332431	0.6965334236675691
1488	72.0	72.0	15.0	14.904925918799307	0.09507408120069272
1489	72.0	72.0	15.0	14.904925918799307	0.09507408120069272
1490	72.0	72.0	15.0	14.904925918799307	0.09507408120069272
1491	72.0	72.0	15.0	14.904925918799307	0.09507408120069272
1492	72.0	72.0	15.0	14.904925918799307	0.09507408120069272
1493	72.0	72.0	15.0	14.920740672670467	0.07925932732953278
1494	72.0	72.0	15.0	14.31595648232094	0.6840435176790596
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	15.730455825654207	0.7695441743457927
1499	72.0	72.000000000000001	16.5	15.730455825654207	0.7695441743457927
1500	72.0	72.0	16.5	15.766432410086813	0.7335675899131875
1501	45.0	45.0	30.0	29.333484040148296	0.6665159598517043
1502	45.0	45.0	28.5	30.31331432353319	1.8133143235331914
1503	45.0	45.0	28.5	28.620525761102893	0.12052576110289337
1504	45.0	45.0	28.5	28.620525761102893	0.12052576110289337
1505	45.0	45.0	28.5	28.617368919780123	0.1173689197801231
1506	45.0	45.000000000000001	28.5	29.37430948493727	0.874309484937271
1507	45.0	45.0	28.5	30.365703934458548	1.8657039344585478
1508	45.0	45.0	28.5	30.37234159703773	1.8723415970377317
1509	45.0	45.0	27.0	28.419718309859153	1.419718309859153
1510	45.0	44.999999999999999	27.0	27.122811615473317	0.1228116154733172
1511	45.0	44.999999999999999	27.0	27.122811615473317	0.1228116154733172
1512	45.0	45.0	27.0	26.990825688073393	0.009174311926607004
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	45.000000000000001	27.0	26.59299097848717	0.407009021512831
1516	45.0	45.0	27.0	26.14200645107931	0.8579935489206889
1517	45.0	45.000000000000001	27.0	26.13084112149533	0.8691588785046704
1518	45.0	45.000000000000001	25.5	25.472385981409815	0.027614018590185196

1519	45.0	45.000000000000001	25.5	25.472385981409815	0.027614018590185196
1520	45.0	45.0	25.5	25.174021648626148	0.3259783513738519
1521	45.0	45.000000000000001	25.5	25.17317398343015	0.32682601656985
1522	45.0	45.000000000000001	25.5	25.17317398343015	0.32682601656985
1523	45.0	45.0	25.5	25.892590258395607	0.39259025839560735
1524	45.0	45.0	25.5	25.158466093331455	0.3415339066685448
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	45.000000000000001	24.0	23.992577023359768	0.0074229766402318376
1528	45.0	45.0	24.0	23.992425450486365	0.007574549513634565
1529	45.0	45.000000000000001	24.0	23.072541845524476	0.9274581544755236
1530	45.0	45.000000000000001	22.5	23.28663051835067	0.7866305183506697
1531	45.0	45.0	22.5	24.784574071311354	2.2845740713113543
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	45.0	22.5	22.52931596091205	0.029315960912050798
1535	45.0	45.0	22.5	23.127578078962877	0.6275780789628769
1536	45.0	45.000000000000001	21.0	21.023888520238888	0.023888520238887878
1537	45.0	45.0	21.0	21.0	0.0
1538	45.0	44.999999999999999	21.0	21.321334070302118	0.32133407030211814
1539	45.0	44.999999999999999	21.0	21.321334070302118	0.32133407030211814
1540	45.0	44.999999999999999	21.0	21.321334070302118	0.32133407030211814
1541	45.0	45.0	19.5	20.452787203593196	0.9527872035931964
1542	45.0	45.0	19.5	19.42713656582157	0.07286343417843
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	17.55695734946146	1.9430426505385405
1546	45.0	45.0	19.5	16.753434012924473	2.7465659870755275
1547	45.0	45.0	19.5	16.753434012924473	2.7465659870755275
1548	45.0	45.0	19.5	16.753434012924473	2.7465659870755275
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	0.41156462585034015	0.41156462585034015
1552	0.0	0.0	0.0	0.41156462585034015	0.41156462585034015
1553	0.0	0.0	0.0	0.0	0.0
1554	0.0	0.0	0.0	3.14109633473889	3.14109633473889
1555	0.0	0.0	0.0	5.827977610080803	5.827977610080803
1556	0.0	0.0	0.0	5.827977610080803	5.827977610080803
1557	0.0	0.0	0.0	5.827977610080803	5.827977610080803
1558	0.0	0.0	0.0	2.235227470803556	2.235227470803556

1559	0.0	0.0	1.5	1.9003177124702142	0.4003177124702142
1560	0.0	0.0	1.5	1.9003177124702142	0.4003177124702142
1561	0.0	0.0	1.5	2.155658086449733	0.655658086449733
1562	0.0	0.0	1.5	3.513698630136987	2.013698630136987
1563	0.0	0.0	1.5	2.0348605577689245	0.5348605577689245
1564	0.0	0.0	1.5	2.0348605577689245	0.5348605577689245
1565	0.0	0.0	1.5	2.0348605577689245	0.5348605577689245
1566	0.0	0.0	1.5	2.0348605577689245	0.5348605577689245
1567	0.0	0.0	1.5	2.4392589118198877	0.9392589118198877
1568	0.0	0.0	1.5	2.4392589118198877	0.9392589118198877
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	2.2864693446088795	0.7135306553911205
1575	0.0	0.0	3.0	2.2864693446088795	0.7135306553911205
1576	0.0	0.0	3.0	2.2864693446088795	0.7135306553911205
1577	0.0	0.0	3.0	4.34522885958107	1.34522885958107
1578	0.0	0.0	4.5	5.992918081669842	1.492918081669842
1579	0.0	0.0	4.5	5.992918081669842	1.492918081669842
1580	0.0	0.0	4.5	5.992918081669842	1.492918081669842
1581	0.0	0.0	4.5	4.2523302263648475	0.24766977363515252
1582	0.0	0.0	4.5	4.2523302263648475	0.24766977363515252
1583	0.0	0.0	4.5	4.155872667398463	0.34412733260153683
1584	0.0	0.0	4.5	7.739089184060722	3.239089184060722
1585	0.0	0.0	4.5	7.739089184060722	3.239089184060722
1586	0.0	0.0	4.5	3.017441860465116	1.4825581395348841
1587	0.0	0.0	6.0	5.80511811023622	0.19488188976377963
1588	0.0	0.0	6.0	6.055686505598113	0.05568650559811328
1589	0.0	0.0	6.0	6.055686505598113	0.05568650559811328
1590	0.0	0.0	6.0	6.055686505598113	0.05568650559811328
1591	0.0	0.0	6.0	6.055686505598113	0.05568650559811328
1592	0.0	0.0	6.0	6.251303052866717	0.2513030528667173
1593	0.0	0.0	6.0	6.0	0.0
1594	0.0	0.0	6.0	7.657725321888412	1.657725321888412
1595	0.0	0.0	6.0	7.657725321888412	1.657725321888412
1596	0.0	0.0	6.0	7.657725321888412	1.657725321888412
1597	0.0	0.0	7.5	6.091160220994475	1.4088397790055254
1598	0.0	0.0	7.5	4.974903474903475	2.525096525096525

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	54.10080626470282	0.0	0.0	0.10080626470281828
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	55.54447439353101	0.0	0.0	0.04447439353101146
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	55.95683753548172	0.0	0.0	0.4568375354817178
1608	55.5	56.04884922498825	0.0	0.0	0.5488492249882526
1609	55.5	56.04884922498825	0.0	0.0	0.5488492249882526
1610	55.5	56.04884922498825	0.0	0.0	0.5488492249882526
1611	57.0	57.0	0.0	0.0	0.0
1612	57.0	56.79305144389208	0.0	0.0	0.20694855610791763
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	57.0624336268028	0.0	0.0	0.06243362680280029
1618	57.0	57.08393173552177	0.0	0.0	0.08393173552177302
1619	57.0	57.08393173552177	0.0	0.0	0.08393173552177302
1620	58.5	58.206030150753776	0.0	0.0	0.29396984924622416
1621	58.5	58.206030150753776	0.0	0.0	0.29396984924622416
1622	58.5	58.206030150753776	0.0	0.0	0.29396984924622416
1623	58.5	58.522741055184966	0.0	0.0	0.02274105518496583
1624	58.5	58.5	0.0	0.0	0.0
1625	60.0	59.92702702702704	0.0	0.0	0.07297297297296268
1626	60.0	59.92702702702704	0.0	0.0	0.07297297297296268
1627	60.0	59.68806567038518	0.0	0.0	0.3119343296148216
1628	60.0	59.68806567038518	0.0	0.0	0.3119343296148216
1629	60.0	59.686723249469544	0.0	0.0	0.31327675053045567
1630	60.0	59.686723249469544	0.0	0.0	0.31327675053045567
1631	60.0	60.000000000000001	0.0	0.0	7.105427357601002E-15
1632	61.5	61.5	0.0	0.0	0.0
1633	61.5	61.231578947368405	0.0	0.0	0.2684210526315951
1634	61.5	60.802547770700635	0.0	0.0	0.6974522292993655
1635	61.5	60.802547770700635	0.0	0.0	0.6974522292993655
1636	61.5	60.801886792452834	0.0	0.0	0.6981132075471663
1637	61.5	60.801886792452834	0.0	0.0	0.6981132075471663
1638	61.5	61.5	0.0	0.0	0.0

1639	61.5	62.0859375	0.0	0.0	0.5859375
1640	61.5	62.0859375	0.0	0.0	0.5859375
1641	63.0	62.8723404255319	0.0	0.0	0.1276595744680975
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	63.18442622950819	0.0	0.0	0.18442622950819043
1645	63.0	63.245901639344254	0.0	0.0	0.2459016393442539
1646	63.0	63.245901639344254	0.0	0.0	0.2459016393442539
1647	63.0	63.24402011416146	0.0	0.0	0.24402011416145797
1648	63.0	63.23201287793953	0.0	0.0	0.23201287793953185
1649	64.5	66.30878897070343	0.0	0.0	1.8087889707034321
1650	64.5	66.30878897070343	0.0	0.0	1.8087889707034321
1651	0.0	0.0	31.5	32.53952772073922	1.0395277207392226
1652	0.0	0.0	31.5	32.53741776315789	1.0374177631578902
1653	0.0	0.0	31.5	32.53741776315789	1.0374177631578902
1654	0.0	0.0	31.5	33.0	1.5
1655	0.0	0.0	31.5	33.80018951458784	2.300189514587842
1656	0.0	0.0	31.5	33.80018951458784	2.300189514587842
1657	0.0	0.0	33.0	31.245253976398153	1.7547460236018466
1658	0.0	0.0	33.0	31.245253976398153	1.7547460236018466
1659	0.0	0.0	33.0	31.245253976398153	1.7547460236018466
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	0.0	34.5	34.42086843810758	0.07913156189241732
1666	0.0	0.0	34.5	34.5	0.0
1667	0.0	0.5709298099885786	34.5	34.19376232997612	0.6478752645959336
1668	0.0	0.6150660108723789	34.5	34.1959616878074	0.6861089512689569
1669	0.0	0.6150660108723789	34.5	34.1959616878074	0.6861089512689569
1670	0.0	0.6593237704918032	34.5	34.20030737704918	0.7242399482123805
1671	0.0	0.703840219441111	34.5	34.430996056917536	0.7072146765048356
1672	0.0	0.0	34.5	34.48906963449668	0.01093036550332016
1673	0.0	0.0	34.5	34.48906963449668	0.01093036550332016
1674	0.0	0.0	34.5	34.5	0.0
1675	0.0	0.0	36.0	34.452506596306065	1.5474934036939345
1676	0.0	0.4338028169014085	36.0	34.6887323943662	1.381161691307792
1677	0.0	0.24779382480558404	36.0	35.99999999999999	0.24779382480558404
1678	0.0	0.4571330843471508	36.0	36.0	0.4571330843471508

1679	0.0	0.4571330843471508	36.0	36.0	0.4571330843471508
1680	0.0	1.4579706461655757	36.0	36.0	1.4579706461655757
1681	0.0	3.03658829234638	36.0	36.0	3.03658829234638
1682	0.0	3.0500631427025082	36.0	36.0	3.0500631427025082
1683	0.0	3.0491375663862383	36.0	36.0	3.0491375663862383
1684	1.5	2.940971200336347	36.0	36.0	1.4409712003363468
1685	1.5	3.093470455790178	36.0	36.0	1.593470455790178
1686	1.5	3.0695193722412943	36.0	36.0	1.5695193722412943
1687	1.5	2.8706238064926795	36.0	36.0	1.3706238064926795
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	2.8106796116504853	36.0	36.0	0.1893203883495147
1694	3.0	2.638302112395377	36.0	36.0	0.36169788760462307
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	2.9142114384748696	36.0	36.0	0.08578856152513037
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	131.08461087455908	0.0	0.0	0.9153891254409245
1705	132.0	131.08461087455908	0.0	0.0	0.9153891254409245
1706	132.0	131.08461087455908	0.0	0.0	0.9153891254409245
1707	133.5	131.98096069835614	0.0	0.0	1.5190393016438577
1708	133.5	128.38176352705412	0.0	0.0	5.118236472945881
1709	133.5	128.38176352705412	0.0	0.0	5.118236472945881
1710	133.5	128.26165803108807	0.0	0.0	5.238341968911925
1711	133.5	129.98607201096078	0.0	0.0	3.5139279890392174
1712	133.5	128.26119402985074	0.0	0.0	5.238805970149258
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	135.10323239845178	0.0	0.0	1.6032323984517802
1716	135.0	132.46175153269184	0.0	0.0	2.538248467308165
1717	135.0	132.46175153269184	0.0	0.0	2.538248467308165
1718	135.0	130.83195554953244	0.0	0.0	4.168044450467562

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	131.53333333333333	0.0	0.0	3.4666666666666686
1722	135.0	135.83220309315024	0.0	0.0	0.8322030931502411
1723	135.0	138.73790322580643	0.0	0.0	3.737903225806434
1724	135.0	138.73790322580643	0.0	0.0	3.737903225806434
1725	135.0	138.73790322580643	0.0	0.0	3.737903225806434
1726	135.0	138.73790322580643	0.0	0.0	3.737903225806434
1727	136.5	138.80268827276132	0.0	0.0	2.3026882727613156
1728	136.5	138.80268827276132	0.0	0.0	2.3026882727613156
1729	136.5	138.80268827276132	0.0	0.0	2.3026882727613156
1730	136.5	135.584789311408	0.0	7.821758919395095	7.875120519563479
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	137.5308087291399	0.0	0.0	1.030808729139892
1734	136.5	138.63461389612735	0.0	0.0	2.134613896127348
1735	136.5	138.63461389612735	0.0	0.0	2.134613896127348
1736	136.5	138.73284160520063	0.0	0.0	2.2328416052006332
1737	136.5	138.7618883528601	0.0	0.0	2.2618883528600975
1738	136.5	138.7618883528601	0.0	0.0	2.2618883528600975
1739	136.5	138.7618883528601	0.0	0.0	2.2618883528600975
1740	136.5	139.53256358412258	0.0	0.0	3.0325635841225846
1741	136.5	139.53256358412258	0.0	0.0	3.0325635841225846
1742	138.0	139.01994233541566	0.0	0.0	1.0199423354156636
1743	138.0	140.028257823447	0.0	0.0	2.0282578234470066
1744	138.0	139.37640315261524	0.0	0.0	1.3764031526152394
1745	138.0	139.48270893371756	0.0	0.0	1.4827089337175607
1746	138.0	139.51927133269416	0.0	0.0	1.51927133269416
1747	138.0	139.51927133269416	0.0	0.0	1.51927133269416
1748	138.0	139.51927133269416	0.0	0.0	1.51927133269416
1749	138.0	139.23017212284847	0.0	0.0	1.2301721228484723
1750	138.0	139.23017212284847	0.0	0.0	1.2301721228484723
1751	118.5	118.5	12.0	13.817484168723837	1.817484168723837
1752	118.5	118.49999999999999	12.0	12.894168466522679	0.8941684665226788
1753	118.5	118.49999999999999	12.0	12.894168466522679	0.8941684665226788
1754	118.5	118.49999999999999	12.0	12.894168466522679	0.8941684665226788
1755	118.5	118.5	12.0	12.0	0.0
1756	118.5	118.5	10.5	11.674546023794614	1.1745460237946137
1757	118.5	118.5	10.5	8.298054105363075	2.201945894636925
1758	118.5	118.5	10.5	9.354926443318085	1.1450735566819148

1759	118.5	118.5	10.5	9.354926443318085	1.1450735566819148
1760	118.5	118.500000000000001	10.5	8.653598774885147	1.8464012251148532
1761	118.5	118.500000000000001	10.5	10.85820895522388	0.35820895522387985
1762	118.5	118.500000000000001	10.5	10.85820895522388	0.35820895522387985
1763	118.5	118.5	10.5	10.5	0.0
1764	118.5	118.5	9.0	9.176297747306563	0.17629774730656322
1765	118.5	118.5	9.0	9.0	0.0
1766	118.5	118.5	9.0	8.695297805642632	0.30470219435736823
1767	118.5	118.5	9.0	9.003961965134707	0.003961965134706702
1768	118.5	118.5	9.0	9.003961965134707	0.003961965134706702
1769	118.5	118.5	9.0	8.677734375	0.322265625
1770	118.5	118.500000000000001	9.0	9.093406593406593	0.09340659340659307
1771	118.5	118.500000000000001	7.5	8.301790281329923	0.8017902813299234
1772	118.5	118.500000000000001	7.5	8.301790281329923	0.8017902813299234
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	118.5	7.5	8.205882352941178	0.7058823529411775
1776	118.5	118.5	7.5	8.205882352941178	0.7058823529411775
1777	118.5	118.5	6.0	8.16248153618907	2.1624815361890697
1778	118.5	118.5	6.0	8.16248153618907	2.1624815361890697
1779	118.5	124.2049180327869	6.0	2.5819672131147544	6.6504915527380195
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	118.500000000000001	6.0	7.415094339622642	1.4150943396226419
1783	118.5	118.500000000000001	6.0	7.415094339622642	1.4150943396226419
1784	118.5	118.500000000000001	6.0	7.415094339622642	1.4150943396226419
1785	118.5	118.499999999999999	6.0	4.55587332331272	1.4441266766872802
1786	118.5	118.500000000000001	6.0	6.7403433476394845	0.7403433476394845
1787	118.5	118.500000000000001	4.5	5.1976744186046515	0.6976744186046515
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	118.5	4.5	4.064643799472296	0.4353562005277043
1793	118.5	118.5	3.0	3.671752768956704	0.6717527689567042
1794	118.5	118.5	3.0	3.671752768956704	0.6717527689567042
1795	118.5	118.499999999999999	3.0	2.6858480502548296	0.31415194974517036
1796	118.5	119.09396506087876	3.0	2.0129698253043937	1.151964868954061
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	118.500000000000003	3.0	3.3214667141331438	0.32146671413314376
1800	118.5	118.499999999999999	3.0	4.014084507042252	1.0140845070422522
1801	106.5	105.88628370457211	36.0	36.0	0.6137162954278921
1802	108.0	109.09495548961425	36.0	36.0	1.0949554896142502
1803	108.0	110.54651162790698	36.0	36.0	2.5465116279069804
1804	108.0	110.61176470588235	36.0	36.0	2.6117647058823508
1805	108.0	110.61176470588235	36.0	36.0	2.6117647058823508
1806	108.0	97.94594594594595	36.0	36.0	10.054054054054049
1807	108.0	105.33895446880271	36.0	36.0	2.6610455311972885
1808	108.0	105.33895446880271	36.0	36.0	2.6610455311972885
1809	108.0	108.0	36.0	36.0	0.0
1810	109.5	105.73474178403754	36.0	36.0	3.7652582159624615
1811	109.5	103.21428571428572	36.0	36.0	6.285714285714278
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	110.65384615384616	36.0	36.0	1.1538461538461604
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	112.01480637813214	36.0	36.000000000000001	0.4851936218678645
1825	112.5	112.01480637813214	36.0	36.000000000000001	0.4851936218678645
1826	112.5	112.00393700787401	36.0	36.0	0.49606299212598515
1827	112.5	112.00393700787401	36.0	36.0	0.49606299212598515
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	109.31669965621418	36.0	35.999999999999999	4.683300343785817
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	113.52941176470591	36.0	36.0	0.47058823529408755
1843	114.0	113.52941176470591	36.0	36.0	0.47058823529408755
1844	114.0	113.52941176470591	36.0	36.0	0.47058823529408755
1845	114.0	113.52941176470591	36.0	36.0	0.47058823529408755
1846	115.5	111.75	36.0	36.0	3.75
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	114.99825783972122	36.0	35.99999999999999	0.5017421602787806
1850	115.5	114.99825783972122	36.0	35.99999999999999	0.5017421602787806
1851	70.5	68.93760536323362	0.0	0.0	1.5623946367663848
1852	70.5	70.5	0.0	0.0	0.0
1853	70.5	70.5	0.0	0.0	0.0
1854	70.5	70.5	0.0	0.0	0.0
1855	72.0	71.19130434782609	0.0	0.6913043478260871	1.0639033598820133
1856	72.0	72.0	0.0	0.5466101694915255	0.5466101694915255
1857	72.0	72.0	0.0	0.5466101694915255	0.5466101694915255
1858	72.0	72.0	0.0	0.5466101694915255	0.5466101694915255
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	1.760047281323877	0.260047281323877
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	1.5383196139653708	0.03831961396537076
1866	72.0	72.0	1.5	1.5383196139653708	0.03831961396537076
1867	72.0	72.0	1.5	1.5383196139653708	0.03831961396537076
1868	72.0	72.0	1.5	4.173487868530356	2.673487868530356
1869	72.0	72.0	1.5	5.132285562067128	3.6322855620671284
1870	72.0	72.00000000000001	3.0	5.130000000000001	2.130000000000001
1871	72.0	72.00000000000001	3.0	5.130000000000001	2.130000000000001
1872	72.0	72.0	3.0	3.464393401603913	0.46439340160391307
1873	72.0	72.0	3.0	3.464393401603913	0.46439340160391307
1874	72.0	72.0	3.0	3.464393401603913	0.46439340160391307
1875	72.0	72.0	3.0	3.464393401603913	0.46439340160391307
1876	72.0	72.0	3.0	3.815461346633417	0.8154613466334171
1877	72.0	72.0	3.0	3.815461346633417	0.8154613466334171
1878	72.0	72.0	3.0	3.815461346633417	0.8154613466334171

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	72.000000000000001	4.5	4.500492314424814	4.923144248136779E-4
1882	72.0	72.000000000000001	4.5	4.500492314424814	4.923144248136779E-4
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	5.058074097233078	0.941925902766922
1887	72.0	72.0	6.0	5.354135411121328	0.6458645888786716
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	7.576021798365125	0.07602179836512502
1899	72.0	72.0	7.5	7.576021798365125	0.07602179836512502
1900	72.0	72.0	9.0	9.0	0.0
1901	78.0	77.99634227444027	36.0	36.0	0.003657725559733649
1902	78.0	77.99634227444027	36.0	36.0	0.003657725559733649
1903	78.0	77.99634227444027	36.0	36.0	0.003657725559733649
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	79.5	36.0	36.0	0.0
1907	79.5	80.13157894736841	36.0	36.0	0.6315789473684106
1908	79.5	80.13157894736841	36.0	36.0	0.6315789473684106
1909	79.5	80.13157894736841	36.0	36.0	0.6315789473684106
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	83.16606498194945	36.0	36.0	2.1660649819494466
1915	81.0	83.16606498194945	36.0	36.0	2.1660649819494466
1916	81.0	83.16606498194945	36.0	36.0	2.1660649819494466
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	81.32920172845122	36.0	36.0	0.3292017284512241
1921	81.0	81.0	36.0	36.0	0.0
1922	81.0	81.04054054054053	36.0	35.99999999999999	0.04054054054053324
1923	81.0	81.04054054054053	36.0	35.99999999999999	0.04054054054053324
1924	82.5	82.22246696035243	36.0	36.0	0.27753303964756526
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	82.87290033594624	36.0	36.0	0.37290033594624106
1929	82.5	82.87290033594624	36.0	36.0	0.37290033594624106
1930	82.5	81.544444444444445	36.0	36.0	0.9555555555555486
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	83.35494880546075	36.0	36.0	2.145051194539249
1940	85.5	93.04330466830467	36.0	36.0	7.543304668304671
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	88.71428571428572	36.0	36.000000000000001	3.2142857142857224
1944	85.5	88.71428571428572	36.0	36.000000000000001	3.2142857142857224
1945	87.0	88.70547945205477	36.0	36.0	1.7054794520547745
1946	87.0	88.70547945205477	36.0	36.0	1.7054794520547745
1947	87.0	88.70547945205477	36.0	36.0	1.7054794520547745
1948	87.0	89.64159292035399	36.0	36.0	2.641592920353986
1949	87.0	89.64159292035399	36.0	36.0	2.641592920353986
1950	87.0	89.64159292035399	36.0	36.0	2.641592920353986
1951	127.5	127.5	31.5	31.5	0.0
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	126.4515050167224	31.5	31.5	1.0484949832776067
1956	126.0	126.40052356020942	31.5	31.5	0.4005235602094217
1957	126.0	126.40052356020942	31.5	31.5	0.4005235602094217
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	126.38321167883211	31.5	31.5	1.8832116788321116
1965	124.5	126.38321167883211	31.5	31.5	1.8832116788321116
1966	124.5	126.1145038167939	31.5	31.5	1.6145038167938992
1967	124.5	123.09531610521456	31.5	31.499999999999996	1.4046838947854354
1968	124.5	123.09531610521456	31.5	31.499999999999996	1.4046838947854354
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	122.119543669004	31.5	31.206514556334668	0.9280824620874862
1973	123.0	122.119543669004	31.5	31.206514556334668	0.9280824620874862
1974	121.5	120.52502341067526	31.5	31.11981063364894	1.0464813921029479
1975	121.5	120.52502341067526	31.5	31.11981063364894	1.0464813921029479
1976	121.5	121.5	31.5	31.5	0.0
1977	121.5	122.4975175233645	31.5	31.5	0.9975175233644933
1978	121.5	122.4975175233645	31.5	31.5	0.9975175233644933
1979	121.5	122.4975175233645	31.5	31.5	0.9975175233644933
1980	121.5	121.5685522103361	31.5	31.5	0.06855221033609382
1981	120.0	121.73784115591651	31.5	31.5	1.737841155916513
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	120.77148155779929	31.5	31.500000000000004	0.7714815577992908
1985	120.0	120.77148155779929	31.5	31.500000000000004	0.7714815577992908
1986	120.0	120.77148155779929	31.5	31.500000000000004	0.7714815577992908
1987	120.0	120.80741085470359	31.5	31.017941393587314	0.9403684322167154
1988	0.0	0.0	7.5	7.5	0.0
1989	0.0	0.0	7.5	7.687030859049207	0.1870308590492069
1990	0.0	0.0	7.5	7.687030859049207	0.1870308590492069
1991	0.0	0.0	7.5	7.687030859049207	0.1870308590492069
1992	0.0	0.0	7.5	7.5	0.0
1993	0.0	0.0	9.0	9.000000000000004	3.552713678800501E-15
1994	0.0	0.0	9.0	9.0	0.0
1995	0.0	0.0	9.0	9.0	0.0
1996	0.0	0.0	9.0	9.0	0.0
1997	0.0	0.0	9.0	10.484829329962075	1.484829329962075
1998	0.0	0.0	9.0	10.437029484641194	1.4370294846411937

1999	0.0	0.0	10.5	10.340354138097855	0.15964586190214547
2000	0.0	0.0	10.5	10.070492825951343	0.42950717404865735
2001	0.0	0.0	10.5	11.446858703749689	0.9468587037496885
2002	0.0	0.0	10.5	11.446858703749689	0.9468587037496885
2003	0.0	0.0	10.5	11.446858703749689	0.9468587037496885
2004	0.0	0.0	10.5	11.446858703749689	0.9468587037496885
2005	0.0	0.0	10.5	11.446858703749689	0.9468587037496885
2006	0.0	0.0	10.5	10.69672131147541	0.19672131147540917
2007	0.0	0.0	12.0	12.210589060308555	0.21058906030855518
2008	0.0	0.0	12.0	12.210589060308555	0.21058906030855518
2009	0.0	0.0	12.0	11.75259189443921	0.2474081055607904
2010	0.0	0.0	12.0	11.912788449142711	0.0872115508572886
2011	0.0	0.0	12.0	11.912788449142711	0.0872115508572886
2012	0.0	0.0	12.0	11.912788449142711	0.0872115508572886
2013	0.0	0.0	12.0	11.912788449142711	0.0872115508572886
2014	0.0	0.0	12.0	11.912788449142711	0.0872115508572886
2015	0.0	0.0	13.5	13.5	0.0
2016	0.0	0.0	13.5	8.078868151715835	5.4211318482841655
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	14.223983921393478	0.7239839213934776
2023	0.0	0.0	13.5	14.20418006430868	0.7041800643086802
2024	0.0	0.0	13.5	14.20418006430868	0.7041800643086802
2025	0.0	0.0	13.5	14.20418006430868	0.7041800643086802
2026	0.0	0.0	13.5	14.20418006430868	0.7041800643086802
2027	0.0	0.0	13.5	14.20418006430868	0.7041800643086802
2028	0.0	0.0	15.0	15.360084230229292	0.36008423022929215
2029	0.0	0.0	15.0	15.360084230229292	0.36008423022929215
2030	0.0	0.0	15.0	15.360084230229292	0.36008423022929215
2031	0.0	0.0	15.0	15.176547515257194	0.17654751525719448
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	20.84389140271493	36.0	36.0	1.343891402714931
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	18.866448707667633	36.0	36.0	2.133551292332367
2046	21.0	18.862562674094708	36.0	36.0	2.1374373259052923
2047	21.0	18.85892776010904	36.0	36.0	2.14107223989096
2048	21.0	18.85552037444934	36.0	36.0	2.144479625550659
2049	22.5	22.566577000672496	36.0	36.0	0.0665770006724955
2050	22.5	22.56287425149701	36.0	36.0	0.06287425149701065
2051	22.5	21.99800686709656	36.0	36.0	0.5019931329034399
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	23.161016949152543	36.0	36.0	0.6610169491525433
2057	22.5	22.398305084745765	36.0	35.99999999999999	0.10169491525423524
2058	22.5	22.394004282655253	36.0	36.000000000000001	0.10599571734474722
2059	22.5	22.74045801526717	36.0	36.0	0.24045801526716915
2060	22.5	22.74045801526717	36.0	36.0	0.24045801526716915
2061	22.5	22.934210526315788	36.0	35.99999999999999	0.4342105263157876
2062	24.0	23.37931034482759	36.0	36.000000000000001	0.6206896551724093
2063	24.0	22.449032932566652	36.0	36.0	1.5509670674333478
2064	24.0	21.32710280373832	36.0	36.0	2.6728971962616797
2065	24.0	21.275502416687864	36.0	36.0	2.724497583312136
2066	24.0	21.275502416687864	36.0	36.0	2.724497583312136
2067	24.0	20.07748008689356	36.0	36.0	3.9225199131064414
2068	24.0	19.804909560723516	36.0	36.0	4.195090439276484
2069	24.0	19.798155737704917	36.0	36.000000000000001	4.201844262295083
2070	24.0	19.798155737704917	36.0	36.000000000000001	4.201844262295083
2071	25.5	20.54173634669597	36.0	36.0	4.95826365330403
2072	25.5	24.747292418772567	36.0	36.0000000000000014	0.7527075812274333
2073	25.5	25.0398773006135	36.0	36.000000000000001	0.4601226993864991
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	23.257009345794394	36.0	36.0	2.242990654205606
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	29.258241758241763	36.0	36.0	2.2582417582417627
2082	27.0	29.258241758241763	36.0	36.0	2.2582417582417627
2083	27.0	29.258241758241763	36.0	36.0	2.2582417582417627
2084	27.0	27.666666666666675	36.0	36.000000000000001	0.666666666666675
2085	27.0	27.666666666666675	36.0	36.000000000000001	0.666666666666675
2086	27.0	27.666666666666675	36.0	36.000000000000001	0.666666666666675
2087	27.0	27.666666666666675	36.0	36.000000000000001	0.666666666666675
2088	144.0	144.000000000000003	21.0	20.72940074906367	0.2705992509363284
2089	144.0	144.000000000000003	21.0	20.72940074906367	0.2705992509363284
2090	144.0	144.0	21.0	19.652097902097903	1.3479020979020966
2091	144.0	144.0	21.0	19.652097902097903	1.3479020979020966
2092	144.0	144.0	21.0	18.780958721704394	2.219041278295606
2093	144.0	144.000000000000003	21.0	22.105786709534428	1.1057867095344278
2094	144.0	144.000000000000003	21.0	22.105786709534428	1.1057867095344278
2095	144.0	144.000000000000003	22.5	21.650505369551485	0.8494946304485147
2096	144.0	144.000000000000003	22.5	21.650505369551485	0.8494946304485147
2097	144.0	144.000000000000003	22.5	21.650505369551485	0.8494946304485147
2098	144.0	144.0	22.5	23.07271195957327	0.5727119595732688
2099	144.0	144.0	22.5	25.302946593001842	2.802946593001842
2100	144.0	144.0	22.5	25.302946593001842	2.802946593001842
2101	144.0	144.0	22.5	22.5	0.0
2102	144.0	144.0	22.5	22.359037877577116	0.1409621224228843
2103	144.0	143.99999999999997	22.5	25.024310932177137	2.524310932177137
2104	144.0	144.0	24.0	23.775442637109542	0.22455736289045802
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	26.75807136788445	2.758071367884451
2108	144.0	144.0	24.0	26.75807136788445	2.758071367884451
2109	144.0	144.0	24.0	26.75807136788445	2.758071367884451
2110	144.0	144.0	24.0	25.152336661849553	1.152336661849553
2111	144.0	143.99999999999997	24.0	26.740784721191424	2.7407847211914245
2112	144.0	143.99999999999997	24.0	26.740784721191424	2.7407847211914245
2113	144.0	143.99999999999997	24.0	26.740784721191424	2.7407847211914245
2114	144.0	144.0	24.0	26.639973331357876	2.6399733313578757
2115	144.0	144.0	24.0	26.30312849162011	2.303128491620111
2116	144.0	144.0	24.0	26.30312849162011	2.303128491620111
2117	144.0	144.0	25.5	25.5	0.0
2118	144.0	144.0	25.5	26.52759859557443	1.0275985955744282

2119	144.0	144.0	25.5	25.5	0.0
2120	144.0	144.000000000000003	25.5	26.91835443037975	1.4183544303797504
2121	144.0	144.000000000000003	25.5	26.91835443037975	1.4183544303797504
2122	144.0	144.0	25.5	26.90399086518663	1.4039908651866284
2123	144.0	144.0	25.5	26.90399086518663	1.4039908651866284
2124	144.0	144.0	27.0	27.192276933622757	0.19227693362275744
2125	144.0	144.0	27.0	27.192276933622757	0.19227693362275744
2126	144.0	144.0	27.0	27.0	0.0
2127	144.0	144.0	27.0	26.96944973797046	0.030550262029539255
2128	144.0	144.0	27.0	26.96944973797046	0.030550262029539255
2129	144.0	144.0	27.0	26.311125485122897	0.6888745148771029
2130	144.0	144.0	27.0	26.311125485122897	0.6888745148771029
2131	144.0	144.0	27.0	28.103678929765888	1.1036789297658878
2132	144.0	144.0	28.5	27.298100340964442	1.2018996590355577
2133	144.0	144.0	28.5	27.298100340964442	1.2018996590355577
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	144.000000000000003	28.5	28.704155800921047	0.2041558009210469
2137	144.0	144.000000000000003	28.5	28.704155800921047	0.2041558009210469

The precision within 2m :1865 / 2137=0.872718 The average distance :1761.8799443699902 / 2137=0.8244641761207254