

1	C:\Users\DV\PycharmProjects\AI\venv\Scripts\python.exe C:/		
	Users/DV/PycharmProjects/AI/8queens.py		
2	Initial population		
3	[2, 6, 7, 3, 4, 1, 5, 8]	25.0	0.1072961373390558
4	[1, 3, 5, 2, 4, 8, 7, 6]	22.0	0.0944206008583691
5	[3, 8, 5, 1, 4, 6, 7, 2]	25.0	0.1072961373390558
6	[5, 2, 8, 7, 3, 6, 1, 4]	24.0	0.10300429184549356
7	[1, 2, 8, 4, 7, 5, 3, 6]	24.0	0.10300429184549356
8	[7, 4, 1, 8, 3, 6, 5, 2]	21.0	0.09012875536480687
9	[1, 2, 7, 8, 3, 5, 6, 4]	24.0	0.10300429184549356
10	[3, 7, 6, 1, 2, 5, 4, 8]	23.0	0.09871244635193133
11	[7, 3, 5, 1, 6, 8, 4, 2]	22.0	0.0944206008583691
12	[6, 4, 7, 2, 3, 1, 5, 8]	23.0	0.09871244635193133
13	Iteration: 1		
14	[7, 3, 5, 2, 4, 8, 7, 6]	21.0	0.09051724137931035
15	[1, 3, 5, 1, 6, 8, 4, 2]	22.0	0.09482758620689655
16	[6, 4, 7, 2, 3, 8, 5, 8]	22.0	0.09482758620689655
17	[6, 4, 7, 2, 3, 1, 5, 8]	23.0	0.09913793103448276
18	[2, 2, 8, 4, 7, 5, 3, 6]	25.0	0.10775862068965517
19	[1, 6, 7, 3, 4, 1, 5, 8]	23.0	0.09913793103448276
20	[3, 2, 7, 1, 3, 5, 6, 4]	25.0	0.10775862068965517
21	[1, 8, 5, 1, 4, 6, 7, 2]	23.0	0.09913793103448276
22	[2, 6, 7, 3, 4, 1, 5, 8]	25.0	0.10775862068965517
23	[6, 4, 7, 2, 3, 1, 5, 8]	23.0	0.09913793103448276
24	Iteration: 2		
25	[6, 4, 7, 2, 3, 1, 5, 8]	23.0	0.10222222222222223
26	[6, 4, 7, 2, 3, 1, 5, 8]	23.0	0.10222222222222223
27	[6, 4, 7, 1, 3, 8, 7, 6]	21.0	0.09333333333333334
28	[7, 3, 5, 2, 4, 8, 5, 8]	23.0	0.10222222222222223
29	[2, 2, 8, 4, 7, 5, 6, 4]	22.0	0.09777777777777778
30	[3, 5, 7, 1, 3, 5, 3, 6]	22.0	0.09777777777777778
31	[3, 2, 7, 1, 8, 1, 5, 8]	24.0	0.10666666666666667
32	[6, 4, 7, 2, 3, 5, 6, 4]	23.0	0.10222222222222223
33	[2, 2, 8, 4, 7, 5, 7, 6]	21.0	0.09333333333333334
34	[7, 3, 5, 2, 4, 8, 3, 6]	23.0	0.10222222222222223
35	Iteration: 3		
36	[3, 2, 7, 1, 8, 1, 5, 8]	24.0	0.10714285714285714
37	[6, 4, 7, 2, 3, 1, 5, 8]	23.0	0.10267857142857142
38	[6, 4, 7, 2, 3, 1, 5, 2]	21.0	0.09375
39	[6, 8, 7, 2, 3, 5, 6, 4]	24.0	0.10714285714285714
40	[6, 2, 8, 4, 7, 5, 7, 4]	20.0	0.08928571428571429
41	[2, 4, 7, 2, 3, 1, 5, 8]	23.0	0.10267857142857142
42	[7, 5, 7, 1, 3, 5, 3, 6]	22.0	0.09821428571428571
43	[3, 3, 5, 2, 4, 8, 5, 8]	21.0	0.09375
44	[6, 4, 7, 2, 3, 5, 6, 8]	24.0	0.10714285714285714

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45	[3, 5, 7, 1, 3, 5, 3, 6]	22.0	0.09821428571428571
46	Iteration: 4		
47	[7, 5, 7, 1, 3, 5, 3, 6]	22.0	0.09954751131221719
48	[3, 5, 7, 1, 3, 5, 3, 6]	22.0	0.09954751131221719
49	[2, 4, 7, 2, 3, 1, 5, 8]	23.0	0.10407239819004525
50	[6, 5, 7, 1, 3, 5, 3, 6]	22.0	0.09954751131221719
51	[3, 8, 7, 1, 8, 8, 5, 8]	20.0	0.09049773755656108
52	[3, 3, 5, 2, 4, 1, 5, 8]	24.0	0.1085972850678733
53	[3, 5, 7, 2, 3, 1, 5, 2]	20.0	0.09049773755656108
54	[2, 4, 7, 1, 3, 5, 3, 6]	25.0	0.11312217194570136
55	[6, 2, 8, 4, 3, 5, 3, 6]	21.0	0.09502262443438914
56	[7, 5, 7, 1, 1, 5, 7, 4]	22.0	0.09954751131221719
57	Iteration: 5		
58	[3, 5, 7, 2, 3, 6, 5, 2]	20.0	0.09389671361502347
59	[3, 5, 7, 2, 3, 1, 5, 2]	20.0	0.09389671361502347
60	[3, 5, 7, 2, 3, 5, 3, 6]	20.0	0.09389671361502347
61	[2, 4, 7, 1, 3, 1, 5, 2]	24.0	0.11267605633802817
62	[2, 4, 7, 1, 8, 8, 5, 8]	24.0	0.11267605633802817
63	[3, 8, 7, 5, 3, 1, 5, 8]	23.0	0.107981220657277
64	[2, 4, 7, 2, 3, 5, 3, 6]	21.0	0.09859154929577464
65	[7, 5, 7, 1, 5, 1, 5, 8]	20.0	0.09389671361502347
66	[7, 5, 7, 1, 3, 1, 5, 2]	21.0	0.09859154929577464
67	[3, 5, 7, 2, 3, 5, 3, 6]	20.0	0.09389671361502347
68	Iteration: 6		
69	[2, 4, 7, 1, 3, 5, 3, 6]	25.0	0.11363636363636363
70	[3, 5, 7, 2, 3, 1, 5, 2]	20.0	0.09090909090909091
71	[2, 4, 1, 1, 3, 1, 5, 2]	21.0	0.09545454545454546
72	[2, 4, 7, 1, 8, 8, 5, 8]	24.0	0.10909090909090909
73	[3, 5, 7, 2, 3, 8, 5, 8]	21.0	0.09545454545454546
74	[2, 4, 7, 1, 8, 5, 3, 6]	27.0	0.12272727272727273
75	[3, 5, 7, 1, 3, 1, 5, 2]	22.0	0.1
76	[2, 4, 7, 2, 8, 6, 5, 2]	21.0	0.09545454545454546
77	[7, 5, 7, 1, 5, 1, 5, 8]	20.0	0.09090909090909091
78	[7, 5, 7, 1, 5, 5, 5, 8]	19.0	0.08636363636363636
79	Iteration: 7		
80	[2, 4, 7, 1, 3, 5, 3, 6]	25.0	0.1059322033898305
81	[2, 4, 8, 1, 8, 8, 5, 8]	21.0	0.08898305084745763
82	[2, 4, 7, 1, 8, 5, 3, 6]	27.0	0.11440677966101695
83	[2, 4, 7, 1, 8, 5, 3, 6]	27.0	0.11440677966101695
84	[2, 4, 7, 1, 3, 5, 3, 6]	25.0	0.1059322033898305
85	[2, 4, 7, 2, 8, 6, 5, 2]	21.0	0.08898305084745763
86	[2, 5, 7, 1, 3, 1, 5, 2]	22.0	0.09322033898305085
87	[3, 4, 7, 1, 8, 5, 3, 6]	25.0	0.1059322033898305
88	[7, 5, 7, 1, 5, 5, 5, 8]	19.0	0.08050847457627118
89	[2, 4, 7, 1, 8, 8, 5, 8]	24.0	0.1016949152542373

90	Iteration:	8			
91	[2, 5, 8, 1, 3, 5, 5, 8]	22.0	0.09523809523809523		
92	[7, 5, 7, 1, 5, 1, 5, 2]	19.0	0.08225108225108226		
93	[2, 4, 8, 1, 8, 8, 8, 8]	16.0	0.06926406926406926		
94	[2, 4, 7, 1, 3, 5, 3, 6]	25.0	0.10822510822510822		
95	[2, 4, 7, 1, 8, 5, 3, 6]	27.0	0.11688311688311688		
96	[2, 4, 7, 1, 3, 8, 5, 8]	25.0	0.10822510822510822		
97	[2, 5, 7, 1, 8, 5, 3, 6]	25.0	0.10822510822510822		
98	[3, 4, 7, 1, 3, 1, 5, 2]	23.0	0.09956709956709957		
99	[2, 4, 8, 1, 8, 8, 3, 6]	23.0	0.09956709956709957		
100	[2, 4, 7, 1, 3, 5, 5, 8]	26.0	0.11255411255411256		
101	Iteration:	9			
102	[8, 4, 7, 1, 3, 1, 8, 8]	24.0	0.1111111111111111		
103	[2, 4, 8, 1, 8, 8, 5, 2]	23.0	0.10648148148148148		
104	[6, 5, 7, 1, 8, 5, 3, 6]	23.0	0.10648148148148148		
105	[2, 5, 7, 1, 8, 5, 3, 6]	25.0	0.11574074074074074		
106	[2, 4, 8, 1, 8, 5, 3, 6]	26.0	0.12037037037037036		
107	[2, 4, 7, 1, 8, 8, 8, 8]	20.0	0.09259259259259259		
108	[2, 4, 8, 1, 8, 8, 8, 8]	16.0	0.07407407407407407		
109	[2, 4, 8, 1, 8, 8, 8, 8]	16.0	0.07407407407407407		
110	[3, 4, 7, 1, 5, 1, 5, 2]	22.0	0.10185185185185185		
111	[7, 5, 7, 1, 3, 1, 5, 2]	21.0	0.09722222222222222		
112	Iteration:	10			
113	[7, 5, 7, 1, 5, 1, 5, 2]	19.0	0.08796296296296297		
114	[3, 4, 7, 1, 3, 1, 5, 2]	23.0	0.10648148148148148		
115	[2, 5, 7, 1, 8, 5, 3, 6]	25.0	0.11574074074074074		
116	[2, 4, 7, 1, 8, 8, 8, 8]	20.0	0.09259259259259259		
117	[3, 4, 7, 1, 3, 1, 8, 7]	23.0	0.10648148148148148		
118	[8, 4, 7, 1, 5, 1, 5, 2]	23.0	0.10648148148148148		
119	[6, 5, 7, 1, 8, 5, 8, 8]	22.0	0.10185185185185185		
120	[8, 4, 7, 1, 3, 1, 3, 6]	24.0	0.1111111111111111		
121	[4, 4, 7, 1, 8, 8, 8, 8]	18.0	0.08333333333333333		
122	[2, 2, 7, 1, 8, 8, 8, 8]	19.0	0.08796296296296297		
123	Iteration:	11			
124	[3, 4, 7, 1, 5, 1, 5, 2]	22.0	0.10185185185185185		
125	[7, 5, 7, 1, 3, 1, 8, 7]	21.0	0.09722222222222222		
126	[7, 5, 7, 1, 5, 5, 3, 6]	21.0	0.09722222222222222		
127	[2, 5, 7, 1, 8, 1, 5, 2]	22.0	0.10185185185185185		
128	[2, 5, 7, 1, 5, 1, 5, 2]	19.0	0.08796296296296297		
129	[8, 6, 7, 1, 8, 5, 3, 6]	24.0	0.1111111111111111		
130	[2, 5, 7, 1, 5, 1, 5, 2]	19.0	0.08796296296296297		
131	[7, 5, 7, 1, 8, 5, 3, 6]	24.0	0.1111111111111111		
132	[2, 5, 7, 3, 8, 5, 5, 2]	20.0	0.09259259259259259		
133	[8, 4, 7, 1, 5, 1, 3, 6]	24.0	0.1111111111111111		
134	Iteration:	12			

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135	[2, 5, 1, 3, 8, 1, 8, 7]	19.0	0.08597285067873303
136	[7, 5, 7, 1, 3, 5, 5, 2]	21.0	0.09502262443438914
137	[7, 4, 7, 1, 5, 1, 5, 2]	22.0	0.09954751131221719
138	[3, 5, 7, 1, 3, 1, 8, 4]	25.0	0.11312217194570136
139	[8, 4, 7, 1, 8, 5, 3, 6]	26.0	0.11764705882352941
140	[7, 5, 7, 1, 5, 1, 3, 6]	21.0	0.09502262443438914
141	[2, 5, 7, 3, 8, 1, 7, 2]	21.0	0.09502262443438914
142	[3, 4, 7, 1, 5, 5, 5, 2]	21.0	0.09502262443438914
143	[2, 5, 7, 1, 2, 5, 3, 6]	23.0	0.10407239819004525
144	[7, 5, 7, 1, 8, 1, 5, 2]	22.0	0.09954751131221719
145	Iteration: 13		
146	[7, 4, 7, 1, 5, 1, 7, 2]	20.0	0.09216589861751152
147	[2, 5, 7, 3, 8, 1, 5, 2]	21.0	0.0967741935483871
148	[7, 4, 7, 1, 3, 1, 8, 4]	24.0	0.11059907834101383
149	[3, 5, 7, 1, 5, 1, 5, 2]	20.0	0.09216589861751152
150	[8, 4, 7, 1, 8, 5, 7, 2]	25.0	0.1152073732718894
151	[2, 5, 7, 3, 8, 1, 3, 6]	22.0	0.10138248847926268
152	[7, 5, 7, 1, 3, 1, 8, 4]	24.0	0.11059907834101383
153	[3, 5, 7, 1, 8, 1, 8, 2]	23.0	0.10599078341013825
154	[4, 5, 1, 3, 8, 1, 8, 7]	18.0	0.08294930875576037
155	[2, 5, 7, 3, 8, 1, 1, 2]	20.0	0.09216589861751152
156	Iteration: 14		
157	[7, 4, 7, 1, 8, 5, 7, 2]	24.0	0.106666666666666667
158	[8, 4, 7, 1, 5, 1, 7, 2]	22.0	0.097777777777777778
159	[2, 5, 7, 1, 4, 1, 8, 4]	24.0	0.106666666666666667
160	[2, 5, 7, 3, 8, 1, 3, 6]	22.0	0.097777777777777778
161	[7, 4, 7, 1, 3, 1, 8, 4]	24.0	0.106666666666666667
162	[7, 5, 7, 1, 3, 1, 8, 4]	24.0	0.106666666666666667
163	[2, 5, 7, 3, 8, 1, 3, 6]	22.0	0.097777777777777778
164	[2, 5, 7, 3, 8, 1, 5, 2]	21.0	0.09333333333333334
165	[5, 4, 7, 3, 8, 1, 3, 6]	23.0	0.10222222222222223
166	[2, 5, 7, 1, 5, 1, 7, 2]	19.0	0.08444444444444445
167	Iteration: 15		
168	[7, 4, 7, 3, 8, 1, 3, 6]	24.0	0.11009174311926606
169	[5, 4, 7, 8, 8, 5, 7, 2]	20.0	0.09174311926605505
170	[7, 4, 7, 1, 8, 1, 3, 6]	25.0	0.11467889908256881
171	[2, 7, 7, 3, 8, 5, 7, 2]	22.0	0.10091743119266056
172	[8, 4, 7, 1, 3, 1, 8, 4]	25.0	0.11467889908256881
173	[6, 5, 7, 1, 5, 1, 7, 2]	18.0	0.08256880733944955
174	[8, 4, 7, 1, 5, 3, 7, 2]	21.0	0.0963302752293578
175	[8, 4, 7, 1, 5, 7, 7, 2]	21.0	0.0963302752293578
176	[5, 4, 7, 3, 8, 1, 3, 6]	23.0	0.10550458715596331
177	[2, 5, 7, 1, 5, 1, 7, 2]	19.0	0.0871559633027523
178	Iteration: 16		
179	[8, 4, 7, 1, 5, 1, 3, 6]	24.0	0.10480349344978165

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180	[7, 4, 7, 1, 8, 7, 7, 2]	20.0	0.08733624454148471
181	[2, 5, 7, 1, 3, 1, 8, 4]	25.0	0.1091703056768559
182	[8, 4, 7, 1, 5, 1, 7, 2]	22.0	0.09606986899563319
183	[8, 4, 7, 1, 5, 7, 3, 6]	24.0	0.10480349344978165
184	[7, 4, 7, 1, 8, 1, 7, 2]	23.0	0.10043668122270742
185	[5, 4, 7, 1, 3, 1, 8, 4]	24.0	0.10480349344978165
186	[8, 4, 7, 3, 8, 1, 3, 6]	24.0	0.10480349344978165
187	[5, 4, 7, 3, 5, 7, 7, 2]	18.0	0.07860262008733625
188	[8, 4, 7, 1, 8, 1, 3, 6]	25.0	0.1091703056768559
189	Iteration: 17		
190	[5, 4, 7, 1, 3, 1, 8, 4]	24.0	0.10666666666666667
191	[5, 4, 7, 1, 3, 1, 8, 4]	24.0	0.10666666666666667
192	[5, 4, 7, 1, 3, 5, 7, 2]	23.0	0.10222222222222223
193	[8, 4, 7, 1, 8, 7, 8, 4]	21.0	0.09333333333333334
194	[8, 4, 7, 1, 8, 1, 8, 4]	23.0	0.10222222222222223
195	[5, 4, 7, 1, 3, 1, 3, 6]	22.0	0.09777777777777778
196	[8, 4, 7, 1, 3, 1, 8, 3]	24.0	0.10666666666666667
197	[5, 4, 7, 1, 5, 1, 3, 2]	18.0	0.08
198	[8, 4, 7, 1, 5, 1, 4, 6]	24.0	0.10666666666666667
199	[8, 4, 7, 1, 5, 1, 7, 2]	22.0	0.09777777777777778
200	Iteration: 18		
201	[5, 4, 7, 1, 3, 1, 3, 8]	23.0	0.10043668122270742
202	[8, 4, 7, 1, 8, 7, 8, 6]	22.0	0.09606986899563319
203	[8, 4, 7, 1, 8, 1, 8, 3]	23.0	0.10043668122270742
204	[8, 4, 7, 1, 3, 7, 8, 4]	24.0	0.10480349344978165
205	[5, 4, 7, 1, 3, 5, 7, 5]	21.0	0.09170305676855896
206	[8, 4, 7, 1, 5, 1, 4, 2]	22.0	0.09606986899563319
207	[8, 4, 7, 1, 3, 1, 3, 6]	24.0	0.10480349344978165
208	[5, 4, 7, 1, 3, 1, 7, 2]	23.0	0.10043668122270742
209	[8, 4, 7, 1, 3, 1, 8, 6]	25.0	0.1091703056768559
210	[8, 4, 7, 1, 5, 1, 4, 3]	22.0	0.09606986899563319
211	Iteration: 19		
212	[5, 4, 7, 1, 3, 1, 8, 6]	24.0	0.1085972850678733
213	[8, 4, 7, 1, 3, 1, 3, 8]	24.0	0.1085972850678733
214	[8, 4, 7, 1, 8, 7, 8, 4]	21.0	0.09502262443438914
215	[8, 4, 7, 1, 3, 1, 8, 3]	24.0	0.1085972850678733
216	[8, 4, 7, 1, 5, 3, 8, 6]	24.0	0.1085972850678733
217	[8, 4, 7, 1, 3, 1, 4, 3]	22.0	0.09954751131221719
218	[5, 4, 7, 1, 3, 1, 4, 3]	20.0	0.09049773755656108
219	[8, 4, 7, 1, 5, 5, 7, 5]	21.0	0.09502262443438914
220	[5, 4, 7, 1, 3, 5, 3, 2]	21.0	0.09502262443438914
221	[5, 4, 5, 1, 3, 1, 7, 5]	20.0	0.09049773755656108
222	Iteration: 20		
223	[8, 4, 7, 1, 5, 5, 7, 5]	21.0	0.09051724137931035
224	[8, 4, 7, 1, 3, 1, 3, 8]	24.0	0.10344827586206896

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225	[5, 4, 8, 1, 3, 1, 7, 5]	24.0	0.10344827586206896
226	[5, 4, 5, 1, 3, 1, 8, 6]	22.0	0.09482758620689655
227	[8, 4, 7, 1, 5, 5, 7, 3]	23.0	0.09913793103448276
228	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.10775862068965517
229	[8, 4, 7, 1, 5, 1, 3, 8]	22.0	0.09482758620689655
230	[8, 4, 7, 1, 3, 5, 7, 5]	25.0	0.10775862068965517
231	[8, 4, 7, 1, 3, 1, 4, 3]	22.0	0.09482758620689655
232	[8, 4, 7, 1, 5, 3, 8, 6]	24.0	0.10344827586206896
233	Iteration: 21		
234	[5, 4, 8, 4, 3, 1, 7, 5]	23.0	0.1013215859030837
235	[8, 4, 7, 1, 5, 5, 7, 3]	23.0	0.1013215859030837
236	[8, 4, 7, 1, 1, 1, 7, 5]	22.0	0.09691629955947137
237	[5, 4, 8, 1, 3, 1, 7, 5]	24.0	0.10572687224669604
238	[8, 4, 7, 1, 5, 5, 7, 5]	21.0	0.09251101321585903
239	[8, 4, 7, 1, 5, 1, 3, 8]	22.0	0.09691629955947137
240	[8, 4, 7, 1, 5, 1, 3, 5]	22.0	0.09691629955947137
241	[3, 4, 8, 1, 3, 1, 7, 8]	23.0	0.1013215859030837
242	[8, 4, 7, 1, 5, 1, 3, 8]	22.0	0.09691629955947137
243	[8, 4, 7, 1, 6, 1, 7, 5]	25.0	0.11013215859030837
244	Iteration: 22		
245	[3, 4, 8, 1, 3, 1, 7, 5]	24.0	0.1095890410958904
246	[5, 4, 7, 1, 5, 5, 7, 3]	19.0	0.0867579908675799
247	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.1141552511415525
248	[5, 4, 8, 4, 5, 1, 1, 8]	19.0	0.0867579908675799
249	[8, 4, 8, 3, 3, 1, 7, 5]	25.0	0.1141552511415525
250	[5, 4, 7, 1, 5, 5, 7, 3]	19.0	0.0867579908675799
251	[5, 4, 7, 1, 5, 1, 3, 8]	20.0	0.091324200913242
252	[3, 4, 8, 1, 3, 1, 7, 5]	24.0	0.1095890410958904
253	[6, 4, 7, 1, 5, 5, 7, 8]	22.0	0.1004566210045662
254	[3, 4, 8, 1, 3, 1, 3, 5]	22.0	0.1004566210045662
255	Iteration: 23		
256	[5, 6, 8, 4, 5, 5, 7, 3]	17.0	0.0752212389380531
257	[5, 4, 7, 1, 5, 1, 1, 8]	20.0	0.08849557522123894
258	[8, 4, 8, 3, 3, 1, 7, 5]	25.0	0.11061946902654868
259	[3, 4, 8, 1, 3, 1, 7, 5]	24.0	0.10619469026548672
260	[4, 4, 7, 1, 3, 1, 7, 5]	23.0	0.10176991150442478
261	[8, 6, 8, 1, 3, 1, 3, 5]	23.0	0.10176991150442478
262	[3, 4, 7, 1, 3, 1, 7, 5]	23.0	0.10176991150442478
263	[8, 4, 8, 1, 3, 1, 3, 5]	24.0	0.10619469026548672
264	[3, 4, 7, 1, 5, 5, 6, 8]	23.0	0.10176991150442478
265	[6, 4, 8, 1, 3, 1, 7, 5]	24.0	0.10619469026548672
266	Iteration: 24		
267	[4, 4, 7, 1, 3, 1, 3, 5]	22.0	0.09649122807017543
268	[8, 6, 8, 3, 3, 1, 7, 5]	24.0	0.10526315789473684
269	[8, 4, 8, 3, 3, 1, 7, 5]	25.0	0.10964912280701754

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270	[4, 4, 7, 1, 3, 1, 7, 5]	23.0	0.10087719298245613
271	[5, 4, 7, 1, 5, 5, 6, 8]	20.0	0.08771929824561403
272	[3, 4, 7, 1, 5, 1, 1, 8]	22.0	0.09649122807017543
273	[3, 4, 7, 1, 5, 1, 1, 8]	22.0	0.09649122807017543
274	[5, 4, 7, 1, 3, 1, 7, 5]	22.0	0.09649122807017543
275	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.10964912280701754
276	[3, 4, 8, 3, 3, 1, 7, 5]	23.0	0.10087719298245613
277	Iteration: 25		
278	[8, 4, 7, 1, 5, 1, 1, 8]	22.0	0.09865470852017937
279	[3, 4, 5, 1, 3, 1, 7, 5]	20.0	0.08968609865470852
280	[3, 4, 7, 1, 5, 1, 1, 8]	22.0	0.09865470852017937
281	[3, 4, 7, 1, 5, 1, 1, 8]	22.0	0.09865470852017937
282	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.11210762331838565
283	[5, 4, 7, 1, 5, 5, 4, 8]	18.0	0.08071748878923767
284	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.11210762331838565
285	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.11210762331838565
286	[4, 4, 7, 1, 3, 1, 7, 5]	23.0	0.1031390134529148
287	[8, 6, 1, 3, 3, 1, 3, 5]	21.0	0.09417040358744394
288	Iteration: 26		
289	[8, 4, 6, 1, 3, 1, 1, 8]	22.0	0.1
290	[3, 4, 7, 1, 5, 1, 7, 5]	21.0	0.09545454545454546
291	[4, 4, 5, 1, 3, 1, 7, 6]	21.0	0.09545454545454546
292	[3, 4, 7, 1, 3, 1, 7, 5]	23.0	0.10454545454545454
293	[8, 4, 7, 1, 3, 1, 1, 8]	23.0	0.10454545454545454
294	[3, 4, 7, 1, 5, 1, 7, 5]	21.0	0.09545454545454546
295	[3, 4, 7, 1, 5, 1, 1, 8]	22.0	0.1
296	[8, 4, 7, 1, 8, 1, 1, 8]	22.0	0.1
297	[3, 4, 7, 1, 3, 1, 7, 5]	23.0	0.10454545454545454
298	[8, 4, 7, 1, 5, 1, 1, 8]	22.0	0.1
299	Iteration: 27		
300	[8, 4, 7, 1, 5, 1, 1, 8]	22.0	0.1
301	[8, 4, 7, 1, 3, 1, 1, 8]	23.0	0.10454545454545454
302	[8, 4, 6, 1, 3, 1, 1, 8]	22.0	0.1
303	[8, 4, 6, 1, 5, 1, 1, 8]	22.0	0.1
304	[3, 4, 7, 1, 5, 1, 1, 8]	22.0	0.1
305	[3, 4, 7, 1, 5, 1, 4, 5]	20.0	0.09090909090909091
306	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.1
307	[3, 4, 7, 1, 8, 1, 1, 8]	23.0	0.10454545454545454
308	[3, 4, 7, 1, 3, 1, 1, 8]	22.0	0.1
309	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.1
310	Iteration: 28		
311	[8, 4, 7, 1, 5, 1, 1, 4]	23.0	0.1036036036036036
312	[3, 5, 7, 1, 3, 1, 7, 5]	22.0	0.0990990990990991
313	[8, 4, 7, 1, 5, 1, 1, 8]	22.0	0.0990990990990991
314	[3, 2, 7, 1, 3, 1, 7, 5]	22.0	0.0990990990990991

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315	[8, 4, 7, 1, 3, 1, 1, 8]	23.0	0.1036036036036036
316	[8, 4, 6, 1, 3, 4, 1, 8]	22.0	0.0990990990990991
317	[3, 4, 7, 1, 5, 1, 1, 8]	22.0	0.0990990990990991
318	[8, 4, 7, 1, 5, 1, 1, 8]	22.0	0.0990990990990991
319	[8, 4, 7, 1, 5, 1, 5, 5]	22.0	0.0990990990990991
320	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.0990990990990991
321	Iteration: 29		
322	[3, 5, 7, 1, 3, 1, 1, 8]	22.0	0.09821428571428571
323	[8, 4, 7, 1, 3, 4, 7, 5]	23.0	0.10267857142857142
324	[8, 4, 7, 1, 6, 1, 1, 8]	24.0	0.10714285714285714
325	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.11160714285714286
326	[8, 4, 7, 1, 3, 4, 1, 8]	22.0	0.09821428571428571
327	[8, 4, 6, 1, 5, 8, 5, 5]	21.0	0.09375
328	[8, 4, 7, 1, 5, 1, 5, 5]	22.0	0.09821428571428571
329	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.09821428571428571
330	[3, 2, 7, 1, 3, 3, 1, 8]	20.0	0.08928571428571429
331	[8, 5, 7, 1, 3, 1, 7, 5]	23.0	0.10267857142857142
332	Iteration: 30		
333	[8, 5, 7, 1, 3, 1, 1, 5]	21.0	0.0963302752293578
334	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.10091743119266056
335	[8, 4, 7, 1, 3, 3, 1, 8]	22.0	0.10091743119266056
336	[3, 2, 7, 1, 8, 4, 1, 8]	23.0	0.10550458715596331
337	[3, 6, 7, 1, 3, 3, 1, 5]	17.0	0.0779816513761468
338	[8, 4, 7, 1, 5, 1, 5, 8]	23.0	0.10550458715596331
339	[8, 4, 7, 1, 3, 4, 7, 5]	23.0	0.10550458715596331
340	[8, 4, 7, 1, 3, 4, 7, 5]	23.0	0.10550458715596331
341	[8, 4, 7, 1, 3, 3, 1, 8]	22.0	0.10091743119266056
342	[3, 2, 7, 1, 3, 1, 7, 5]	22.0	0.10091743119266056
343	Iteration: 31		
344	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.10185185185185185
345	[8, 4, 7, 1, 3, 4, 2, 8]	23.0	0.10648148148148148
346	[8, 4, 7, 1, 3, 4, 2, 5]	23.0	0.10648148148148148
347	[3, 6, 7, 1, 3, 3, 1, 3]	16.0	0.07407407407407407
348	[3, 2, 7, 1, 3, 4, 7, 5]	21.0	0.09722222222222222
349	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.11574074074074074
350	[8, 7, 7, 1, 5, 1, 1, 8]	20.0	0.09259259259259259
351	[8, 4, 7, 1, 3, 3, 7, 5]	22.0	0.10185185185185185
352	[8, 5, 7, 1, 3, 1, 7, 5]	23.0	0.10648148148148148
353	[8, 3, 7, 1, 5, 1, 1, 5]	21.0	0.09722222222222222
354	Iteration: 32		
355	[8, 7, 7, 1, 5, 1, 1, 8]	20.0	0.09345794392523364
356	[8, 4, 7, 1, 3, 3, 7, 5]	22.0	0.102803738317757
357	[8, 4, 7, 1, 5, 1, 1, 8]	22.0	0.102803738317757
358	[8, 7, 7, 1, 3, 4, 2, 5]	21.0	0.09813084112149532
359	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.11682242990654206

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360	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.11682242990654206
361	[3, 4, 7, 1, 3, 1, 7, 5]	23.0	0.10747663551401869
362	[8, 6, 7, 1, 3, 3, 1, 3]	18.0	0.08411214953271028
363	[8, 4, 7, 1, 3, 4, 2, 6]	22.0	0.102803738317757
364	[3, 6, 7, 1, 3, 3, 1, 3]	16.0	0.07476635514018691
365	Iteration: 33		
366	[8, 4, 7, 1, 3, 3, 7, 5]	22.0	0.10138248847926268
367	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.1152073732718894
368	[8, 7, 7, 1, 5, 1, 7, 8]	18.0	0.08294930875576037
369	[8, 7, 7, 1, 5, 1, 1, 8]	20.0	0.09216589861751152
370	[8, 4, 7, 1, 3, 1, 1, 8]	23.0	0.10599078341013825
371	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.10138248847926268
372	[8, 4, 7, 1, 5, 1, 1, 8]	22.0	0.10138248847926268
373	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.1152073732718894
374	[8, 7, 7, 1, 5, 1, 1, 8]	20.0	0.09216589861751152
375	[8, 7, 7, 1, 5, 1, 1, 8]	20.0	0.09216589861751152
376	Iteration: 34		
377	[8, 4, 7, 1, 3, 1, 1, 2]	22.0	0.10138248847926268
378	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.1152073732718894
379	[8, 4, 7, 1, 3, 1, 1, 8]	23.0	0.10599078341013825
380	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.10138248847926268
381	[8, 5, 7, 1, 5, 1, 7, 5]	19.0	0.08755760368663594
382	[8, 4, 7, 1, 4, 1, 1, 8]	22.0	0.10138248847926268
383	[8, 4, 7, 1, 3, 1, 1, 5]	23.0	0.10599078341013825
384	[8, 4, 7, 1, 5, 1, 7, 8]	21.0	0.0967741935483871
385	[8, 7, 7, 1, 5, 1, 1, 8]	20.0	0.09216589861751152
386	[8, 4, 7, 1, 4, 3, 7, 5]	20.0	0.09216589861751152
387	Iteration: 35		
388	[8, 5, 7, 1, 4, 3, 7, 5]	20.0	0.09433962264150944
389	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.10377358490566038
390	[8, 4, 7, 1, 3, 1, 1, 8]	23.0	0.10849056603773585
391	[8, 4, 7, 1, 4, 1, 1, 8]	22.0	0.10377358490566038
392	[8, 7, 7, 1, 5, 1, 7, 8]	18.0	0.08490566037735849
393	[8, 7, 7, 1, 5, 1, 1, 8]	20.0	0.09433962264150944
394	[8, 5, 7, 1, 3, 1, 1, 2]	21.0	0.09905660377358491
395	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.10377358490566038
396	[8, 4, 7, 1, 5, 1, 7, 8]	21.0	0.09905660377358491
397	[8, 4, 7, 1, 3, 1, 1, 5]	23.0	0.10849056603773585
398	Iteration: 36		
399	[8, 4, 7, 1, 3, 1, 1, 6]	23.0	0.10599078341013825
400	[8, 4, 7, 1, 4, 1, 1, 8]	22.0	0.10138248847926268
401	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.10138248847926268
402	[8, 4, 3, 1, 5, 1, 7, 5]	21.0	0.0967741935483871
403	[8, 7, 7, 1, 3, 1, 1, 8]	21.0	0.0967741935483871
404	[8, 4, 7, 1, 5, 7, 7, 8]	20.0	0.09216589861751152

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405	[8, 4, 7, 1, 3, 1, 1, 5]	23.0	0.10599078341013825
406	[8, 8, 7, 1, 3, 1, 1, 5]	21.0	0.0967741935483871
407	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.10138248847926268
408	[2, 4, 7, 1, 5, 1, 7, 8]	22.0	0.10138248847926268
409	Iteration: 37		
410	[8, 7, 7, 1, 5, 4, 7, 8]	17.0	0.08018867924528301
411	[2, 4, 7, 1, 3, 1, 1, 8]	24.0	0.11320754716981132
412	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.10377358490566038
413	[8, 4, 7, 1, 3, 1, 4, 5]	23.0	0.10849056603773585
414	[8, 4, 3, 1, 5, 1, 7, 5]	21.0	0.09905660377358491
415	[8, 4, 7, 1, 8, 7, 7, 8]	20.0	0.09433962264150944
416	[8, 4, 7, 1, 5, 1, 7, 8]	21.0	0.09905660377358491
417	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.10377358490566038
418	[8, 4, 3, 1, 5, 1, 7, 5]	21.0	0.09905660377358491
419	[8, 4, 3, 1, 5, 1, 7, 5]	21.0	0.09905660377358491
420	Iteration: 38		
421	[8, 4, 2, 1, 5, 1, 7, 5]	23.0	0.10952380952380952
422	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.11904761904761904
423	[8, 7, 7, 1, 5, 1, 7, 5]	19.0	0.09047619047619047
424	[8, 3, 3, 1, 5, 4, 7, 8]	18.0	0.08571428571428572
425	[8, 4, 7, 1, 5, 1, 4, 5]	21.0	0.1
426	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.11904761904761904
427	[8, 5, 7, 1, 5, 1, 7, 8]	19.0	0.09047619047619047
428	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.10476190476190476
429	[8, 4, 3, 1, 5, 4, 7, 8]	18.0	0.08571428571428572
430	[8, 7, 7, 1, 1, 1, 7, 5]	20.0	0.09523809523809523
431	Iteration: 39		
432	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.10869565217391304
433	[8, 3, 3, 1, 5, 4, 7, 8]	18.0	0.0782608695652174
434	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.10869565217391304
435	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.10869565217391304
436	[8, 7, 7, 1, 1, 1, 4, 5]	20.0	0.08695652173913043
437	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.09565217391304348
438	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.10869565217391304
439	[8, 4, 7, 1, 5, 1, 7, 5]	22.0	0.09565217391304348
440	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.10869565217391304
441	[8, 4, 2, 1, 5, 1, 7, 5]	23.0	0.1
442	Iteration: 40		
443	[4, 4, 7, 1, 1, 1, 4, 5]	17.0	0.08018867924528301
444	[8, 7, 6, 1, 5, 1, 7, 5]	20.0	0.09433962264150944
445	[8, 4, 2, 1, 5, 4, 7, 8]	21.0	0.09905660377358491
446	[8, 3, 3, 1, 5, 1, 7, 5]	20.0	0.09433962264150944
447	[8, 4, 7, 2, 3, 1, 7, 8]	23.0	0.10849056603773585
448	[8, 3, 3, 1, 5, 4, 7, 5]	20.0	0.09433962264150944
449	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.1179245283018868

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450	[8, 4, 7, 1, 3, 1, 7, 5]	25.0	0.1179245283018868
451	[8, 3, 3, 1, 5, 4, 7, 8]	18.0	0.08490566037735849
452	[8, 4, 2, 1, 5, 1, 7, 5]	23.0	0.10849056603773585
453	Iteration: 41		
454	[8, 4, 7, 1, 1, 1, 4, 5]	20.0	0.09009009009009009
455	[4, 3, 3, 5, 5, 1, 7, 5]	19.0	0.08558558558558559
456	[8, 3, 3, 1, 5, 1, 6, 5]	21.0	0.0945945945945946
457	[8, 3, 3, 1, 5, 1, 7, 5]	20.0	0.09009009009009009
458	[2, 4, 7, 1, 3, 1, 7, 5]	25.0	0.11261261261261261
459	[8, 4, 2, 1, 5, 4, 7, 8]	21.0	0.0945945945945946
460	[8, 2, 7, 1, 3, 1, 7, 5]	24.0	0.10810810810810811
461	[8, 4, 7, 7, 3, 1, 7, 5]	25.0	0.11261261261261261
462	[8, 4, 2, 1, 3, 1, 7, 8]	24.0	0.10810810810810811
463	[8, 4, 7, 2, 5, 1, 7, 5]	23.0	0.1036036036036036
464	Iteration: 42		
465	[8, 4, 7, 1, 1, 1, 4, 5]	20.0	0.09345794392523364
466	[8, 4, 7, 2, 5, 1, 7, 5]	23.0	0.10747663551401869
467	[8, 4, 2, 1, 3, 1, 7, 5]	25.0	0.11682242990654206
468	[8, 2, 7, 1, 5, 4, 7, 8]	17.0	0.0794392523364486
469	[8, 5, 7, 1, 1, 1, 4, 5]	20.0	0.09345794392523364
470	[8, 4, 7, 7, 3, 1, 7, 3]	22.0	0.102803738317757
471	[8, 2, 7, 1, 3, 1, 7, 5]	24.0	0.11214953271028037
472	[8, 4, 7, 7, 5, 1, 7, 5]	22.0	0.102803738317757
473	[4, 3, 3, 5, 1, 1, 7, 5]	21.0	0.09813084112149532
474	[8, 4, 7, 1, 1, 1, 4, 5]	20.0	0.09345794392523364
475	Iteration: 43		
476	[8, 4, 2, 1, 3, 1, 7, 5]	25.0	0.11904761904761904
477	[8, 4, 7, 2, 5, 1, 7, 5]	23.0	0.10952380952380952
478	[8, 5, 7, 7, 3, 1, 7, 3]	20.0	0.09523809523809523
479	[5, 4, 7, 1, 1, 1, 4, 5]	16.0	0.0761904761904762
480	[8, 2, 7, 1, 5, 4, 7, 8]	17.0	0.08095238095238096
481	[8, 2, 7, 1, 5, 4, 7, 8]	17.0	0.08095238095238096
482	[8, 4, 7, 7, 3, 1, 7, 3]	22.0	0.10476190476190476
483	[8, 2, 7, 1, 3, 1, 5, 5]	24.0	0.11428571428571428
484	[8, 4, 7, 7, 5, 1, 7, 3]	21.0	0.1
485	[8, 4, 7, 7, 3, 1, 7, 5]	25.0	0.11904761904761904
486	Iteration: 44		
487	[8, 4, 2, 1, 3, 1, 7, 5]	25.0	0.11627906976744186
488	[8, 4, 2, 1, 3, 1, 7, 5]	25.0	0.11627906976744186
489	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.10232558139534884
490	[5, 4, 7, 1, 5, 4, 7, 8]	17.0	0.07906976744186046
491	[8, 5, 7, 7, 5, 1, 7, 3]	18.0	0.08372093023255814
492	[8, 4, 7, 7, 3, 1, 7, 3]	22.0	0.10232558139534884
493	[8, 6, 2, 1, 3, 1, 7, 5]	24.0	0.11162790697674418
494	[8, 2, 7, 1, 5, 4, 7, 8]	17.0	0.07906976744186046

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495	[8, 4, 2, 7, 3, 1, 7, 3]	24.0	0.11162790697674418
496	[8, 4, 7, 7, 5, 1, 7, 3]	21.0	0.09767441860465116
497	Iteration: 45		
498	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.10232558139534884
499	[8, 2, 7, 1, 1, 1, 6, 5]	23.0	0.10697674418604651
500	[8, 4, 2, 7, 3, 1, 7, 3]	24.0	0.11162790697674418
501	[8, 4, 7, 7, 3, 1, 7, 3]	22.0	0.10232558139534884
502	[5, 4, 7, 1, 5, 1, 4, 5]	17.0	0.07906976744186046
503	[8, 2, 7, 1, 1, 4, 7, 8]	21.0	0.09767441860465116
504	[8, 5, 7, 7, 3, 1, 7, 3]	20.0	0.09302325581395349
505	[8, 4, 2, 7, 5, 1, 7, 3]	24.0	0.11162790697674418
506	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.10232558139534884
507	[8, 3, 7, 7, 5, 1, 7, 3]	20.0	0.09302325581395349
508	Iteration: 46		
509	[8, 2, 7, 1, 1, 1, 6, 5]	23.0	0.10407239819004525
510	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09954751131221719
511	[8, 2, 7, 7, 5, 1, 7, 3]	19.0	0.08597285067873303
512	[8, 3, 7, 1, 1, 1, 4, 5]	21.0	0.09502262443438914
513	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09954751131221719
514	[8, 2, 7, 1, 1, 1, 6, 5]	23.0	0.10407239819004525
515	[8, 2, 7, 1, 1, 1, 4, 3]	22.0	0.09954751131221719
516	[8, 4, 2, 7, 5, 1, 7, 5]	25.0	0.11312217194570136
517	[8, 3, 7, 4, 5, 1, 7, 3]	21.0	0.09502262443438914
518	[8, 4, 2, 7, 5, 1, 7, 8]	23.0	0.10407239819004525
519	Iteration: 47		
520	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.1
521	[8, 3, 7, 1, 1, 1, 6, 5]	22.0	0.1
522	[8, 7, 2, 7, 5, 1, 4, 5]	23.0	0.10454545454545454
523	[8, 3, 7, 1, 1, 1, 7, 8]	21.0	0.09545454545454546
524	[8, 3, 7, 1, 1, 1, 4, 3]	20.0	0.09090909090909091
525	[8, 2, 7, 4, 5, 1, 7, 3]	19.0	0.08636363636363636
526	[8, 4, 2, 7, 5, 1, 7, 5]	25.0	0.11363636363636363
527	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.1
528	[8, 2, 7, 1, 5, 1, 7, 3]	21.0	0.09545454545454546
529	[8, 3, 7, 4, 1, 1, 5, 3]	25.0	0.11363636363636363
530	Iteration: 48		
531	[8, 2, 7, 1, 5, 1, 4, 5]	21.0	0.09502262443438914
532	[8, 2, 7, 1, 1, 1, 7, 3]	22.0	0.09954751131221719
533	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.11312217194570136
534	[8, 2, 7, 1, 1, 1, 5, 3]	24.0	0.1085972850678733
535	[8, 3, 7, 1, 1, 1, 7, 8]	21.0	0.09502262443438914
536	[8, 2, 7, 1, 1, 4, 4, 5]	22.0	0.09954751131221719
537	[8, 3, 8, 1, 5, 1, 7, 3]	21.0	0.09502262443438914
538	[8, 2, 7, 1, 1, 1, 6, 5]	23.0	0.10407239819004525
539	[8, 2, 7, 1, 5, 1, 7, 3]	21.0	0.09502262443438914

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540	[8, 2, 7, 1, 5, 1, 7, 3]	21.0	0.09502262443438914
541	Iteration: 49		
542	[8, 2, 7, 1, 5, 1, 5, 3]	23.0	0.1022222222222223
543	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09777777777777778
544	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.1111111111111111
545	[8, 2, 7, 1, 1, 4, 4, 5]	22.0	0.09777777777777778
546	[8, 2, 7, 1, 1, 1, 5, 3]	24.0	0.10666666666666667
547	[8, 2, 7, 1, 1, 1, 7, 3]	22.0	0.09777777777777778
548	[8, 3, 7, 4, 1, 1, 7, 8]	22.0	0.09777777777777778
549	[7, 3, 7, 1, 1, 1, 4, 5]	20.0	0.08888888888888889
550	[8, 2, 7, 1, 5, 6, 4, 5]	20.0	0.08888888888888889
551	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.1111111111111111
552	Iteration: 50		
553	[5, 3, 7, 4, 1, 1, 4, 5]	22.0	0.09565217391304348
554	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09565217391304348
555	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09565217391304348
556	[8, 3, 7, 4, 1, 1, 5, 3]	25.0	0.10869565217391304
557	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.10869565217391304
558	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.10869565217391304
559	[8, 2, 7, 1, 1, 1, 4, 4]	22.0	0.09565217391304348
560	[7, 3, 7, 1, 1, 1, 5, 3]	21.0	0.09130434782608696
561	[7, 3, 7, 1, 1, 8, 5, 3]	24.0	0.10434782608695652
562	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09565217391304348
563	Iteration: 51		
564	[5, 3, 7, 4, 1, 1, 4, 5]	22.0	0.09606986899563319
565	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09606986899563319
566	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09606986899563319
567	[8, 2, 7, 1, 1, 1, 4, 2]	22.0	0.09606986899563319
568	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09606986899563319
569	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.1091703056768559
570	[5, 3, 7, 4, 1, 1, 4, 5]	22.0	0.09606986899563319
571	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.1091703056768559
572	[5, 3, 7, 4, 1, 1, 5, 3]	22.0	0.09606986899563319
573	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.1091703056768559
574	Iteration: 52		
575	[1, 3, 7, 4, 1, 1, 4, 5]	22.0	0.09691629955947137
576	[5, 3, 7, 4, 1, 1, 4, 5]	22.0	0.09691629955947137
577	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.11013215859030837
578	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09691629955947137
579	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.11013215859030837
580	[5, 3, 7, 4, 1, 1, 4, 5]	22.0	0.09691629955947137
581	[8, 8, 7, 1, 1, 1, 4, 2]	20.0	0.0881057268722467
582	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09691629955947137
583	[5, 3, 7, 4, 1, 1, 4, 5]	22.0	0.09691629955947137
584	[8, 2, 7, 1, 1, 6, 5, 3]	25.0	0.11013215859030837

585	Iteration:	53			
586	[5, 3, 7, 1, 1, 7, 4, 2]	20.0	0.08888888888888889		
587	[8, 8, 7, 4, 1, 1, 4, 5]	23.0	0.10222222222222223		
588	[8, 2, 7, 1, 1, 6, 5, 3]	25.0	0.11111111111111111		
589	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.11111111111111111		
590	[5, 3, 7, 4, 1, 1, 4, 5]	22.0	0.09777777777777778		
591	[5, 3, 7, 4, 1, 7, 4, 5]	20.0	0.08888888888888889		
592	[5, 2, 7, 1, 1, 1, 4, 5]	19.0	0.08444444444444445		
593	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.11111111111111111		
594	[2, 3, 7, 4, 1, 1, 4, 5]	24.0	0.10666666666666667		
595	[5, 3, 7, 4, 1, 1, 4, 5]	22.0	0.09777777777777778		
596	Iteration:	54			
597	[5, 1, 7, 4, 1, 7, 4, 5]	20.0	0.0881057268722467		
598	[5, 3, 7, 4, 1, 7, 4, 5]	20.0	0.0881057268722467		
599	[5, 2, 7, 1, 1, 6, 5, 3]	22.0	0.09691629955947137		
600	[8, 3, 7, 4, 1, 7, 4, 5]	23.0	0.1013215859030837		
601	[8, 3, 7, 4, 1, 1, 4, 5]	25.0	0.11013215859030837		
602	[5, 3, 7, 4, 1, 1, 4, 5]	22.0	0.09691629955947137		
603	[8, 2, 7, 1, 1, 6, 4, 5]	23.0	0.1013215859030837		
604	[2, 3, 7, 4, 1, 1, 5, 3]	24.0	0.10572687224669604		
605	[8, 2, 7, 1, 1, 6, 4, 5]	23.0	0.1013215859030837		
606	[8, 3, 7, 4, 1, 1, 5, 3]	25.0	0.11013215859030837		
607	Iteration:	55			
608	[5, 3, 7, 4, 1, 7, 4, 5]	20.0	0.08928571428571429		
609	[8, 2, 7, 1, 1, 6, 5, 3]	25.0	0.11160714285714286		
610	[8, 3, 7, 4, 1, 4, 5, 3]	24.0	0.10714285714285714		
611	[2, 2, 7, 1, 1, 6, 4, 5]	22.0	0.09821428571428571		
612	[8, 3, 3, 4, 1, 6, 4, 5]	21.0	0.09375		
613	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09821428571428571		
614	[8, 2, 7, 1, 1, 6, 4, 5]	23.0	0.10267857142857142		
615	[5, 1, 7, 5, 1, 7, 4, 5]	18.0	0.08035714285714286		
616	[8, 3, 7, 4, 1, 1, 4, 3]	23.0	0.10267857142857142		
617	[8, 3, 7, 4, 1, 1, 5, 5]	26.0	0.11607142857142858		
618	Iteration:	56			
619	[8, 3, 7, 4, 1, 4, 5, 3]	24.0	0.10572687224669604		
620	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09691629955947137		
621	[8, 3, 7, 4, 1, 4, 5, 3]	24.0	0.10572687224669604		
622	[8, 2, 7, 1, 1, 6, 5, 3]	25.0	0.11013215859030837		
623	[5, 3, 7, 4, 1, 6, 4, 5]	22.0	0.09691629955947137		
624	[8, 7, 3, 4, 1, 7, 4, 5]	21.0	0.09251101321585903		
625	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.09691629955947137		
626	[8, 2, 7, 1, 1, 6, 4, 5]	23.0	0.1013215859030837		
627	[8, 2, 7, 4, 1, 7, 4, 5]	23.0	0.1013215859030837		
628	[5, 3, 7, 1, 1, 6, 5, 3]	21.0	0.09251101321585903		
629	Iteration:	57			

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630	[5, 3, 1, 1, 1, 6, 4, 5]	19.0	0.0892018779342723
631	[8, 7, 3, 4, 1, 7, 5, 3]	23.0	0.107981220657277
632	[8, 2, 7, 1, 1, 1, 4, 5]	22.0	0.10328638497652583
633	[8, 3, 7, 4, 1, 4, 5, 3]	24.0	0.11267605633802817
634	[5, 3, 7, 1, 1, 6, 4, 5]	20.0	0.09389671361502347
635	[8, 2, 7, 4, 2, 6, 4, 5]	20.0	0.09389671361502347
636	[8, 2, 7, 1, 1, 7, 4, 5]	22.0	0.10328638497652583
637	[5, 7, 3, 4, 1, 6, 5, 3]	19.0	0.0892018779342723
638	[8, 2, 7, 1, 2, 6, 5, 3]	24.0	0.11267605633802817
639	[5, 3, 7, 1, 1, 6, 4, 5]	20.0	0.09389671361502347
640	Iteration: 58		
641	[8, 7, 3, 4, 1, 7, 5, 3]	23.0	0.10697674418604651
642	[8, 7, 3, 4, 1, 7, 5, 3]	23.0	0.10697674418604651
643	[5, 2, 7, 1, 2, 6, 5, 3]	22.0	0.10232558139534884
644	[8, 3, 7, 1, 1, 6, 4, 5]	23.0	0.10697674418604651
645	[8, 7, 3, 4, 1, 6, 5, 3]	21.0	0.09767441860465116
646	[5, 4, 7, 4, 1, 4, 5, 3]	18.0	0.08372093023255814
647	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.09767441860465116
648	[5, 3, 1, 1, 1, 7, 5, 3]	19.0	0.08837209302325581
649	[8, 2, 7, 1, 1, 7, 5, 3]	26.0	0.12093023255813953
650	[5, 7, 3, 4, 1, 6, 4, 5]	19.0	0.08837209302325581
651	Iteration: 59		
652	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.09722222222222222
653	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.09722222222222222
654	[5, 7, 3, 4, 1, 6, 4, 5]	19.0	0.08796296296296297
655	[5, 3, 8, 1, 1, 7, 5, 3]	21.0	0.09722222222222222
656	[5, 7, 3, 4, 6, 7, 5, 3]	21.0	0.09722222222222222
657	[8, 2, 7, 1, 1, 6, 4, 5]	23.0	0.10648148148148148
658	[8, 7, 3, 4, 1, 7, 5, 3]	23.0	0.10648148148148148
659	[8, 7, 3, 4, 1, 7, 5, 3]	23.0	0.10648148148148148
660	[8, 7, 3, 4, 1, 7, 5, 3]	23.0	0.10648148148148148
661	[8, 7, 3, 4, 5, 7, 5, 3]	21.0	0.09722222222222222
662	Iteration: 60		
663	[5, 7, 3, 4, 5, 2, 5, 3]	19.0	0.08755760368663594
664	[8, 7, 3, 4, 6, 7, 5, 1]	22.0	0.10138248847926268
665	[8, 2, 7, 1, 1, 6, 4, 5]	23.0	0.10599078341013825
666	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.0967741935483871
667	[8, 2, 7, 1, 1, 6, 8, 3]	25.0	0.1152073732718894
668	[5, 7, 3, 4, 6, 7, 5, 5]	20.0	0.09216589861751152
669	[8, 7, 3, 1, 1, 6, 4, 5]	21.0	0.0967741935483871
670	[8, 2, 7, 4, 5, 7, 5, 3]	22.0	0.10138248847926268
671	[8, 7, 3, 4, 1, 7, 5, 3]	23.0	0.10599078341013825
672	[8, 7, 3, 4, 5, 7, 5, 3]	21.0	0.0967741935483871
673	Iteration: 61		
674	[8, 7, 3, 4, 5, 2, 5, 3]	21.0	0.10144927536231885

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675	[5, 7, 3, 4, 1, 6, 6, 5]	19.0	0.09178743961352658
676	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.10144927536231885
677	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.10144927536231885
678	[8, 7, 3, 1, 1, 7, 5, 5]	21.0	0.10144927536231885
679	[5, 7, 3, 4, 6, 6, 4, 5]	19.0	0.09178743961352658
680	[8, 7, 3, 4, 1, 7, 5, 5]	22.0	0.10628019323671498
681	[5, 7, 3, 4, 6, 5, 6, 5]	19.0	0.09178743961352658
682	[8, 2, 7, 2, 1, 6, 6, 5]	23.0	0.1111111111111111
683	[8, 7, 3, 4, 1, 6, 4, 5]	21.0	0.10144927536231885
684	Iteration: 62		
685	[8, 7, 3, 4, 1, 6, 4, 5]	21.0	0.10552763819095477
686	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.10552763819095477
687	[8, 6, 3, 4, 6, 6, 4, 5]	18.0	0.09045226130653267
688	[5, 7, 7, 2, 1, 6, 6, 5]	20.0	0.10050251256281408
689	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.10552763819095477
690	[5, 7, 3, 4, 1, 6, 6, 7]	19.0	0.09547738693467336
691	[5, 7, 3, 4, 6, 6, 4, 5]	19.0	0.09547738693467336
692	[8, 7, 3, 4, 1, 6, 4, 5]	21.0	0.10552763819095477
693	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.10552763819095477
694	[5, 7, 3, 2, 1, 6, 6, 5]	18.0	0.09045226130653267
695	Iteration: 63		
696	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.10294117647058823
697	[8, 7, 3, 4, 1, 6, 4, 5]	21.0	0.10294117647058823
698	[8, 7, 3, 4, 1, 6, 4, 5]	21.0	0.10294117647058823
699	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.10294117647058823
700	[8, 7, 3, 4, 1, 6, 6, 7]	20.0	0.09803921568627451
701	[3, 7, 3, 4, 1, 6, 6, 5]	21.0	0.10294117647058823
702	[5, 7, 7, 2, 1, 6, 4, 5]	21.0	0.10294117647058823
703	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.10294117647058823
704	[5, 7, 3, 4, 6, 6, 4, 5]	19.0	0.09313725490196079
705	[5, 7, 3, 2, 1, 6, 6, 5]	18.0	0.08823529411764706
706	Iteration: 64		
707	[5, 7, 3, 4, 6, 6, 4, 5]	19.0	0.09644670050761421
708	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.1065989847715736
709	[8, 7, 3, 4, 1, 5, 6, 7]	21.0	0.1065989847715736
710	[5, 7, 3, 2, 1, 6, 6, 5]	18.0	0.09137055837563451
711	[8, 7, 3, 4, 5, 6, 6, 5]	18.0	0.09137055837563451
712	[8, 7, 3, 4, 1, 6, 4, 5]	21.0	0.1065989847715736
713	[5, 7, 7, 4, 6, 6, 4, 5]	20.0	0.10152284263959391
714	[5, 7, 3, 2, 1, 6, 6, 5]	18.0	0.09137055837563451
715	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.1065989847715736
716	[8, 7, 3, 4, 1, 6, 1, 7]	20.0	0.10152284263959391
717	Iteration: 65		
718	[5, 7, 3, 2, 1, 6, 6, 5]	18.0	0.09045226130653267
719	[5, 3, 3, 2, 1, 6, 6, 5]	17.0	0.08542713567839195

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720	[8, 7, 3, 4, 1, 6, 1, 7]	20.0	0.10050251256281408
721	[8, 7, 3, 4, 1, 6, 4, 5]	21.0	0.10552763819095477
722	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.10552763819095477
723	[8, 7, 3, 4, 1, 6, 3, 5]	21.0	0.10552763819095477
724	[8, 7, 3, 4, 1, 6, 4, 5]	21.0	0.10552763819095477
725	[8, 7, 3, 4, 1, 5, 6, 7]	21.0	0.10552763819095477
726	[8, 7, 3, 4, 5, 6, 4, 5]	18.0	0.09045226130653267
727	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.10552763819095477
728	Iteration: 66		
729	[8, 7, 3, 4, 1, 5, 6, 7]	21.0	0.10396039603960396
730	[8, 7, 3, 4, 5, 1, 4, 5]	21.0	0.10396039603960396
731	[8, 7, 3, 2, 1, 6, 6, 5]	21.0	0.10396039603960396
732	[5, 7, 3, 4, 1, 5, 6, 7]	19.0	0.09405940594059406
733	[5, 7, 3, 1, 1, 6, 1, 7]	20.0	0.09900990099009901
734	[7, 7, 3, 2, 1, 6, 6, 5]	21.0	0.10396039603960396
735	[5, 7, 3, 4, 1, 6, 6, 5]	19.0	0.09405940594059406
736	[8, 7, 3, 2, 1, 6, 6, 5]	21.0	0.10396039603960396
737	[5, 3, 3, 4, 1, 6, 4, 5]	18.0	0.0891089108910891
738	[8, 7, 3, 2, 1, 6, 6, 5]	21.0	0.10396039603960396
739	Iteration: 67		
740	[5, 7, 3, 4, 1, 5, 6, 7]	19.0	0.09595959595959595
741	[5, 7, 3, 4, 1, 5, 6, 4]	20.0	0.10101010101010101
742	[5, 3, 3, 4, 1, 6, 4, 5]	18.0	0.09090909090909091
743	[5, 3, 3, 4, 1, 6, 4, 5]	18.0	0.09090909090909091
744	[8, 7, 3, 4, 1, 5, 6, 7]	21.0	0.10606060606060606
745	[8, 7, 3, 4, 1, 5, 6, 7]	21.0	0.10606060606060606
746	[5, 3, 3, 4, 1, 6, 4, 5]	18.0	0.09090909090909091
747	[8, 7, 3, 4, 5, 1, 4, 5]	21.0	0.10606060606060606
748	[8, 7, 3, 2, 1, 6, 6, 5]	21.0	0.10606060606060606
749	[7, 3, 3, 2, 1, 6, 6, 5]	21.0	0.10606060606060606
750	Iteration: 68		
751	[5, 3, 3, 4, 1, 6, 5, 5]	17.0	0.08673469387755102
752	[5, 2, 3, 4, 1, 6, 4, 5]	16.0	0.08163265306122448
753	[8, 7, 3, 2, 1, 6, 6, 5]	21.0	0.10714285714285714
754	[8, 7, 3, 4, 1, 5, 6, 7]	21.0	0.10714285714285714
755	[8, 7, 3, 4, 1, 5, 6, 5]	22.0	0.11224489795918367
756	[8, 7, 3, 2, 1, 6, 6, 7]	20.0	0.10204081632653061
757	[5, 3, 3, 4, 1, 5, 6, 5]	18.0	0.09183673469387756
758	[8, 7, 3, 2, 1, 6, 4, 5]	22.0	0.11224489795918367
759	[5, 3, 3, 4, 1, 6, 4, 5]	18.0	0.09183673469387756
760	[8, 7, 3, 2, 1, 6, 6, 5]	21.0	0.10714285714285714
761	Iteration: 69		
762	[5, 3, 3, 4, 1, 5, 3, 5]	17.0	0.0845771144278607
763	[5, 3, 3, 4, 1, 6, 5, 5]	17.0	0.0845771144278607
764	[5, 3, 3, 4, 1, 5, 6, 7]	19.0	0.0945273631840796

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765	[3, 7, 3, 4, 1, 5, 6, 5]	22.0	0.10945273631840796
766	[8, 7, 3, 2, 1, 6, 6, 7]	20.0	0.09950248756218906
767	[8, 7, 3, 4, 1, 5, 1, 5]	22.0	0.10945273631840796
768	[8, 7, 2, 2, 1, 6, 6, 5]	22.0	0.10945273631840796
769	[8, 7, 3, 2, 1, 6, 6, 7]	20.0	0.09950248756218906
770	[8, 7, 3, 4, 1, 6, 6, 5]	21.0	0.1044776119402985
771	[8, 7, 3, 2, 1, 5, 6, 5]	21.0	0.1044776119402985
772	Iteration: 70		
773	[2, 3, 3, 4, 1, 5, 6, 5]	21.0	0.105
774	[8, 7, 3, 2, 1, 6, 5, 5]	20.0	0.1
775	[5, 3, 3, 4, 1, 6, 5, 5]	17.0	0.085
776	[3, 7, 3, 4, 1, 5, 6, 5]	22.0	0.11
777	[5, 3, 3, 4, 1, 6, 6, 5]	18.0	0.09
778	[8, 7, 2, 2, 1, 6, 5, 5]	22.0	0.11
779	[8, 7, 3, 2, 1, 5, 6, 5]	21.0	0.105
780	[8, 7, 3, 2, 1, 6, 6, 7]	20.0	0.1
781	[8, 7, 3, 4, 1, 5, 3, 5]	22.0	0.11
782	[5, 5, 3, 4, 1, 6, 6, 5]	17.0	0.085
783	Iteration: 71		
784	[8, 7, 2, 2, 1, 2, 5, 5]	20.0	0.1
785	[8, 7, 3, 2, 6, 6, 6, 7]	20.0	0.1
786	[5, 3, 3, 4, 1, 6, 6, 5]	18.0	0.09
787	[8, 7, 3, 2, 1, 5, 6, 5]	21.0	0.105
788	[2, 3, 3, 4, 1, 5, 6, 5]	21.0	0.105
789	[3, 7, 3, 4, 1, 5, 6, 5]	22.0	0.11
790	[5, 7, 3, 4, 1, 5, 3, 5]	19.0	0.095
791	[8, 5, 3, 4, 1, 6, 6, 5]	21.0	0.105
792	[5, 5, 3, 4, 1, 6, 1, 5]	17.0	0.085
793	[2, 3, 3, 4, 1, 5, 6, 5]	21.0	0.105
794	Iteration: 72		
795	[8, 7, 3, 4, 1, 6, 6, 1]	19.0	0.09693877551020408
796	[5, 3, 3, 2, 1, 4, 6, 5]	18.0	0.09183673469387756
797	[8, 7, 2, 2, 1, 2, 5, 5]	20.0	0.10204081632653061
798	[8, 7, 3, 2, 1, 5, 6, 5]	21.0	0.10714285714285714
799	[2, 3, 3, 4, 1, 5, 6, 5]	21.0	0.10714285714285714
800	[2, 3, 3, 4, 6, 5, 6, 5]	18.0	0.09183673469387756
801	[5, 3, 3, 4, 1, 5, 6, 5]	18.0	0.09183673469387756
802	[2, 3, 3, 4, 1, 6, 6, 5]	20.0	0.10204081632653061
803	[8, 7, 2, 2, 1, 2, 5, 5]	20.0	0.10204081632653061
804	[8, 7, 3, 2, 2, 5, 6, 5]	21.0	0.10714285714285714
805	Iteration: 73		
806	[8, 7, 3, 2, 2, 5, 6, 5]	21.0	0.1044776119402985
807	[8, 7, 3, 2, 2, 5, 6, 5]	21.0	0.1044776119402985
808	[8, 7, 3, 2, 2, 4, 6, 5]	22.0	0.10945273631840796
809	[5, 3, 3, 4, 1, 6, 6, 1]	19.0	0.0945273631840796

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810	[6, 3, 3, 4, 1, 5, 6, 5]	21.0	0.1044776119402985
811	[8, 7, 3, 2, 1, 7, 6, 5]	20.0	0.09950248756218906
812	[2, 3, 3, 4, 1, 6, 6, 5]	20.0	0.09950248756218906
813	[8, 7, 3, 2, 1, 5, 6, 5]	21.0	0.1044776119402985
814	[8, 7, 3, 4, 1, 6, 6, 1]	19.0	0.0945273631840796
815	[5, 2, 3, 2, 1, 4, 6, 5]	17.0	0.0845771144278607
816	Iteration: 74		
817	[6, 3, 3, 4, 1, 5, 6, 5]	21.0	0.10294117647058823
818	[5, 2, 3, 2, 1, 4, 6, 5]	17.0	0.083333333333333333
819	[8, 7, 3, 2, 2, 4, 7, 5]	21.0	0.10294117647058823
820	[2, 3, 3, 4, 1, 6, 6, 5]	20.0	0.09803921568627451
821	[6, 3, 3, 4, 1, 5, 6, 5]	21.0	0.10294117647058823
822	[8, 7, 3, 2, 2, 4, 6, 5]	22.0	0.10784313725490197
823	[8, 7, 1, 2, 2, 5, 6, 5]	21.0	0.10294117647058823
824	[2, 3, 3, 3, 1, 6, 6, 5]	19.0	0.09313725490196079
825	[8, 7, 3, 2, 1, 5, 6, 5]	21.0	0.10294117647058823
826	[6, 3, 3, 4, 1, 5, 6, 5]	21.0	0.10294117647058823
827	Iteration: 75		
828	[8, 7, 1, 2, 2, 5, 6, 6]	21.0	0.10294117647058823
829	[2, 3, 3, 3, 1, 6, 6, 5]	19.0	0.09313725490196079
830	[6, 3, 3, 4, 1, 5, 6, 5]	21.0	0.10294117647058823
831	[8, 7, 1, 2, 2, 5, 6, 5]	21.0	0.10294117647058823
832	[5, 2, 3, 2, 6, 5, 6, 5]	16.0	0.0784313725490196
833	[8, 7, 3, 2, 1, 4, 6, 5]	22.0	0.10784313725490197
834	[8, 7, 3, 3, 1, 6, 6, 5]	21.0	0.10294117647058823
835	[2, 3, 3, 2, 1, 5, 6, 5]	19.0	0.09313725490196079
836	[8, 7, 3, 2, 2, 4, 6, 5]	22.0	0.10784313725490197
837	[6, 3, 3, 4, 1, 5, 7, 5]	22.0	0.10784313725490197
838	Iteration: 76		
839	[8, 7, 3, 3, 4, 4, 6, 5]	19.0	0.09268292682926829
840	[8, 7, 3, 2, 1, 6, 6, 5]	21.0	0.1024390243902439
841	[8, 7, 3, 2, 3, 5, 6, 5]	21.0	0.1024390243902439
842	[2, 3, 3, 2, 1, 4, 6, 5]	20.0	0.0975609756097561
843	[8, 7, 1, 2, 2, 5, 6, 5]	21.0	0.1024390243902439
844	[6, 3, 3, 4, 1, 5, 6, 6]	21.0	0.1024390243902439
845	[6, 7, 3, 3, 1, 6, 6, 5]	18.0	0.08780487804878048
846	[8, 7, 3, 2, 2, 4, 6, 5]	22.0	0.1073170731707317
847	[6, 3, 3, 4, 1, 5, 6, 5]	21.0	0.1024390243902439
848	[8, 7, 1, 2, 2, 5, 6, 6]	21.0	0.1024390243902439
849	Iteration: 77		
850	[8, 7, 3, 2, 2, 4, 6, 5]	22.0	0.10837438423645321
851	[8, 7, 3, 2, 3, 5, 6, 5]	21.0	0.10344827586206896
852	[8, 7, 1, 2, 2, 5, 6, 5]	21.0	0.10344827586206896
853	[6, 7, 3, 3, 1, 6, 6, 6]	16.0	0.07881773399014778
854	[6, 3, 3, 4, 1, 5, 6, 6]	21.0	0.10344827586206896

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855	[6, 3, 3, 4, 1, 5, 6, 5]	21.0	0.10344827586206896
856	[8, 7, 1, 2, 3, 5, 6, 5]	21.0	0.10344827586206896
857	[8, 7, 3, 2, 2, 5, 6, 5]	21.0	0.10344827586206896
858	[8, 7, 1, 2, 2, 5, 6, 5]	21.0	0.10344827586206896
859	[8, 7, 3, 3, 4, 6, 6]	18.0	0.08866995073891626
860	Iteration: 78		
861	[8, 6, 3, 2, 2, 5, 6, 5]	21.0	0.10824742268041238
862	[8, 7, 1, 2, 3, 5, 6, 5]	21.0	0.10824742268041238
863	[6, 3, 3, 3, 1, 6, 6, 6]	15.0	0.07731958762886598
864	[3, 7, 3, 4, 1, 5, 6, 6]	23.0	0.11855670103092783
865	[8, 7, 3, 3, 4, 6, 6]	18.0	0.09278350515463918
866	[8, 7, 1, 2, 3, 5, 6, 5]	21.0	0.10824742268041238
867	[6, 7, 1, 2, 2, 5, 6, 5]	19.0	0.0979381443298969
868	[8, 7, 3, 3, 1, 6, 6, 6]	20.0	0.10309278350515463
869	[6, 7, 3, 3, 4, 6, 6]	16.0	0.08247422680412371
870	[8, 7, 3, 3, 1, 6, 6, 6]	20.0	0.10309278350515463
871	Iteration: 79		
872	[6, 7, 3, 3, 1, 6, 6, 6]	16.0	0.08743169398907104
873	[8, 7, 3, 3, 4, 6, 6]	18.0	0.09836065573770492
874	[6, 7, 3, 3, 4, 4, 6, 6]	16.0	0.08743169398907104
875	[6, 3, 3, 3, 1, 6, 6, 6]	15.0	0.08196721311475409
876	[8, 6, 1, 2, 3, 5, 6, 5]	20.0	0.1092896174863388
877	[8, 7, 3, 2, 3, 5, 6, 5]	21.0	0.11475409836065574
878	[8, 7, 3, 2, 2, 5, 6, 5]	21.0	0.11475409836065574
879	[6, 7, 1, 3, 1, 6, 6, 6]	17.0	0.09289617486338798
880	[3, 7, 3, 4, 1, 5, 6, 6]	23.0	0.12568306010928962
881	[6, 7, 3, 6, 4, 6, 6]	16.0	0.08743169398907104
882	Iteration: 80		
883	[8, 7, 3, 6, 4, 6, 6]	18.0	0.0972972972972973
884	[6, 7, 3, 4, 4, 6, 6]	17.0	0.0918918918918919
885	[6, 7, 3, 3, 4, 6, 6]	16.0	0.08648648648648649
886	[6, 7, 3, 6, 4, 6, 2]	18.0	0.0972972972972973
887	[6, 7, 3, 4, 1, 5, 6, 6]	21.0	0.11351351351351352
888	[3, 7, 3, 6, 4, 6, 6]	18.0	0.0972972972972973
889	[6, 1, 3, 4, 1, 5, 6, 6]	19.0	0.10270270270270271
890	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10270270270270271
891	[8, 7, 3, 3, 1, 6, 6, 6]	20.0	0.10810810810810811
892	[6, 3, 3, 2, 3, 5, 6, 5]	19.0	0.10270270270270271
893	Iteration: 81		
894	[8, 7, 3, 6, 4, 6, 6]	18.0	0.0967741935483871
895	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10215053763440861
896	[6, 7, 3, 3, 1, 6, 6, 6]	16.0	0.08602150537634409
897	[3, 7, 3, 4, 4, 6, 6]	19.0	0.10215053763440861
898	[8, 7, 3, 3, 1, 6, 6, 6]	20.0	0.10752688172043011
899	[8, 7, 3, 3, 1, 6, 6, 8]	19.0	0.10215053763440861

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900	[6, 3, 3, 2, 3, 5, 6, 5]	19.0	0.10215053763440861
901	[2, 7, 3, 4, 4, 4, 6, 6]	20.0	0.10752688172043011
902	[3, 7, 3, 6, 4, 4, 6, 6]	18.0	0.0967741935483871
903	[3, 7, 3, 6, 4, 4, 6, 6]	18.0	0.0967741935483871
904	Iteration: 82		
905	[1, 7, 3, 3, 1, 6, 6, 6]	18.0	0.09523809523809523
906	[8, 7, 3, 3, 1, 6, 6, 6]	20.0	0.10582010582010581
907	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10052910052910052
908	[7, 7, 3, 3, 1, 6, 6, 6]	20.0	0.10582010582010581
909	[8, 7, 8, 6, 4, 4, 6, 6]	16.0	0.08465608465608465
910	[3, 7, 3, 6, 4, 4, 6, 6]	18.0	0.09523809523809523
911	[3, 7, 3, 4, 8, 4, 6, 6]	22.0	0.1164021164021164
912	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10052910052910052
913	[8, 7, 3, 4, 4, 4, 6, 6]	18.0	0.09523809523809523
914	[3, 7, 3, 3, 1, 6, 6, 8]	19.0	0.10052910052910052
915	Iteration: 83		
916	[8, 7, 3, 3, 4, 6, 6, 6]	17.0	0.09090909090909091
917	[3, 7, 8, 6, 4, 4, 6, 6]	18.0	0.0962566844919786
918	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10160427807486631
919	[5, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10160427807486631
920	[8, 7, 3, 4, 4, 4, 6, 6]	18.0	0.0962566844919786
921	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10160427807486631
922	[1, 7, 3, 3, 1, 6, 6, 6]	18.0	0.0962566844919786
923	[7, 7, 3, 3, 1, 6, 6, 6]	20.0	0.10695187165775401
924	[8, 7, 3, 3, 1, 6, 6, 6]	20.0	0.10695187165775401
925	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10160427807486631
926	Iteration: 84		
927	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10052910052910052
928	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10052910052910052
929	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10052910052910052
930	[8, 7, 3, 3, 1, 6, 6, 6]	20.0	0.10582010582010581
931	[1, 7, 3, 3, 1, 6, 6, 6]	18.0	0.09523809523809523
932	[1, 7, 3, 3, 1, 6, 6, 6]	18.0	0.09523809523809523
933	[5, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10052910052910052
934	[8, 7, 3, 3, 1, 6, 6, 6]	20.0	0.10582010582010581
935	[7, 7, 8, 6, 4, 4, 6, 6]	18.0	0.09523809523809523
936	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.10052910052910052
937	Iteration: 85		
938	[3, 7, 3, 3, 8, 6, 6, 6]	19.0	0.1
939	[1, 7, 3, 3, 1, 6, 6, 6]	18.0	0.09473684210526316
940	[7, 7, 8, 3, 1, 6, 6, 2]	24.0	0.12631578947368421
941	[1, 7, 3, 6, 4, 4, 6, 7]	19.0	0.1
942	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.1
943	[8, 7, 3, 3, 1, 6, 6, 6]	20.0	0.10526315789473684
944	[3, 2, 3, 3, 1, 6, 6, 6]	16.0	0.08421052631578947

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945	[3, 7, 3, 6, 1, 6, 6, 6]	18.0	0.09473684210526316
946	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.1
947	[3, 7, 3, 3, 1, 6, 6, 3]	18.0	0.09473684210526316
948	Iteration: 86		
949	[3, 7, 3, 3, 8, 6, 6, 2]	21.0	0.11538461538461539
950	[7, 6, 8, 3, 1, 6, 6, 6]	20.0	0.10989010989010989
951	[3, 2, 3, 3, 7, 6, 6, 6]	15.0	0.08241758241758242
952	[3, 7, 3, 3, 1, 6, 7, 6]	18.0	0.0989010989010989
953	[3, 7, 3, 3, 5, 6, 6, 6]	18.0	0.0989010989010989
954	[3, 7, 3, 3, 7, 6, 6, 6]	17.0	0.09340659340659341
955	[3, 7, 3, 6, 1, 6, 6, 6]	18.0	0.0989010989010989
956	[3, 7, 3, 3, 1, 6, 6, 3]	18.0	0.0989010989010989
957	[1, 7, 3, 6, 4, 4, 6, 7]	19.0	0.1043956043956044
958	[1, 7, 3, 3, 1, 6, 6, 6]	18.0	0.0989010989010989
959	Iteration: 87		
960	[1, 7, 3, 6, 4, 3, 6, 6]	19.0	0.09595959595959595
961	[3, 7, 3, 3, 5, 4, 6, 7]	19.0	0.09595959595959595
962	[3, 7, 3, 3, 8, 6, 6, 2]	21.0	0.10606060606060606
963	[3, 7, 3, 3, 7, 6, 6, 6]	17.0	0.08585858585858586
964	[3, 7, 6, 3, 7, 6, 6, 2]	19.0	0.09595959595959595
965	[3, 7, 2, 3, 8, 6, 6, 6]	20.0	0.10101010101010101
966	[3, 7, 3, 3, 1, 6, 7, 6]	18.0	0.09090909090909091
967	[3, 7, 3, 5, 8, 6, 6, 2]	23.0	0.11616161616161616
968	[7, 3, 8, 3, 1, 6, 6, 6]	23.0	0.11616161616161616
969	[3, 7, 3, 3, 5, 6, 6, 1]	19.0	0.09595959595959595
970	Iteration: 88		
971	[3, 7, 3, 3, 8, 6, 6, 2]	21.0	0.105
972	[3, 7, 6, 3, 7, 6, 6, 2]	19.0	0.095
973	[3, 7, 6, 3, 7, 6, 6, 2]	19.0	0.095
974	[3, 7, 3, 5, 8, 6, 6, 2]	23.0	0.115
975	[3, 7, 3, 3, 5, 6, 6, 1]	19.0	0.095
976	[3, 7, 2, 3, 8, 6, 6, 6]	20.0	0.1
977	[3, 7, 3, 8, 8, 6, 6, 6]	20.0	0.1
978	[7, 3, 8, 3, 1, 6, 6, 1]	24.0	0.12
979	[3, 7, 3, 3, 7, 6, 6, 2]	19.0	0.095
980	[3, 7, 6, 3, 7, 6, 6, 6]	16.0	0.08
981	Iteration: 89		
982	[3, 7, 3, 3, 5, 6, 6, 1]	19.0	0.09547738693467336
983	[3, 7, 3, 3, 7, 6, 6, 2]	19.0	0.09547738693467336
984	[3, 7, 3, 3, 7, 6, 6, 2]	19.0	0.09547738693467336
985	[3, 7, 3, 3, 8, 6, 6, 2]	21.0	0.10552763819095477
986	[3, 7, 3, 3, 7, 6, 6, 6]	17.0	0.08542713567839195
987	[3, 7, 6, 3, 7, 6, 6, 2]	19.0	0.09547738693467336
988	[3, 7, 2, 3, 8, 6, 6, 6]	20.0	0.10050251256281408
989	[3, 7, 3, 3, 8, 6, 2, 2]	22.0	0.11055276381909548

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990	[3, 3, 8, 3, 1, 6, 6, 1]	22.0	0.11055276381909548
991	[7, 4, 2, 3, 8, 6, 6, 6]	21.0	0.10552763819095477
992	Iteration: 90		
993	[7, 4, 2, 3, 1, 6, 6, 6]	21.0	0.1024390243902439
994	[3, 7, 3, 1, 7, 6, 6, 6]	20.0	0.0975609756097561
995	[3, 3, 2, 3, 8, 6, 6, 6]	17.0	0.08292682926829269
996	[3, 7, 8, 3, 1, 6, 6, 1]	22.0	0.1073170731707317
997	[3, 3, 8, 3, 8, 6, 6, 6]	19.0	0.09268292682926829
998	[7, 4, 2, 3, 2, 6, 6, 1]	22.0	0.1073170731707317
999	[3, 3, 8, 3, 1, 6, 6, 1]	22.0	0.1073170731707317
1000	[3, 7, 3, 3, 8, 6, 7, 2]	21.0	0.1024390243902439
1001	[3, 7, 3, 3, 5, 6, 6, 6]	18.0	0.08780487804878048
1002	[7, 4, 2, 3, 8, 6, 6, 1]	23.0	0.11219512195121951
1003	Iteration: 91		
1004	[3, 7, 3, 3, 1, 6, 4, 1]	21.0	0.10294117647058823
1005	[3, 3, 8, 3, 5, 6, 6, 6]	20.0	0.09803921568627451
1006	[7, 4, 2, 3, 8, 6, 6, 6]	21.0	0.10294117647058823
1007	[3, 3, 8, 3, 8, 6, 6, 1]	21.0	0.10294117647058823
1008	[3, 2, 2, 3, 8, 6, 6, 6]	17.0	0.08333333333333333
1009	[3, 3, 8, 3, 8, 6, 6, 6]	19.0	0.09313725490196079
1010	[3, 5, 8, 3, 1, 6, 6, 1]	23.0	0.11274509803921569
1011	[3, 7, 8, 3, 1, 6, 6, 1]	22.0	0.10784313725490197
1012	[7, 3, 2, 3, 8, 6, 6, 6]	19.0	0.09313725490196079
1013	[3, 4, 2, 3, 8, 6, 6, 1]	21.0	0.10294117647058823
1014	Iteration: 92		
1015	[7, 3, 2, 3, 8, 6, 6, 7]	17.0	0.08292682926829269
1016	[7, 4, 2, 3, 8, 6, 6, 5]	21.0	0.1024390243902439
1017	[3, 7, 8, 3, 1, 6, 6, 1]	22.0	0.1073170731707317
1018	[3, 2, 8, 3, 1, 6, 6, 1]	22.0	0.1073170731707317
1019	[3, 4, 2, 3, 8, 6, 6, 6]	19.0	0.09268292682926829
1020	[3, 3, 8, 3, 8, 6, 6, 1]	21.0	0.1024390243902439
1021	[3, 3, 8, 3, 1, 6, 6, 1]	22.0	0.1073170731707317
1022	[3, 5, 8, 3, 8, 6, 6, 6]	19.0	0.09268292682926829
1023	[3, 3, 8, 3, 5, 6, 4, 1]	23.0	0.11219512195121951
1024	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.09268292682926829
1025	Iteration: 93		
1026	[7, 8, 2, 3, 8, 6, 6, 7]	17.0	0.08415841584158416
1027	[3, 2, 8, 3, 1, 6, 6, 1]	22.0	0.10891089108910891
1028	[3, 2, 8, 3, 1, 6, 6, 1]	22.0	0.10891089108910891
1029	[3, 7, 3, 3, 1, 6, 6, 6]	19.0	0.09405940594059406
1030	[7, 4, 2, 3, 4, 6, 6, 1]	19.0	0.09405940594059406
1031	[3, 7, 8, 3, 8, 6, 6, 5]	20.0	0.09900990099009901
1032	[3, 3, 8, 3, 1, 6, 6, 1]	22.0	0.10891089108910891
1033	[3, 2, 8, 3, 1, 6, 6, 1]	22.0	0.10891089108910891
1034	[3, 5, 8, 3, 8, 6, 6, 1]	21.0	0.10396039603960396

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1035	[3, 2, 2, 3, 1, 6, 6, 6]	18.0	0.0891089108910891
1036	Iteration: 94		
1037	[3, 2, 2, 3, 1, 6, 6, 1]	19.0	0.09359605911330049
1038	[3, 3, 8, 6, 1, 6, 6, 6]	20.0	0.09852216748768473
1039	[3, 2, 7, 3, 1, 6, 6, 6]	21.0	0.10344827586206896
1040	[4, 7, 3, 3, 1, 6, 6, 6]	21.0	0.10344827586206896
1041	[3, 5, 8, 3, 8, 6, 6, 7]	19.0	0.09359605911330049
1042	[7, 8, 2, 3, 8, 6, 2, 1]	23.0	0.11330049261083744
1043	[7, 8, 2, 3, 8, 6, 6, 5]	19.0	0.09359605911330049
1044	[3, 7, 8, 3, 8, 6, 6, 7]	19.0	0.09359605911330049
1045	[3, 2, 8, 3, 1, 6, 6, 1]	22.0	0.10837438423645321
1046	[8, 2, 2, 3, 1, 6, 6, 6]	20.0	0.09852216748768473
1047	Iteration: 95		
1048	[3, 5, 8, 3, 8, 6, 6, 6]	19.0	0.095
1049	[4, 7, 3, 3, 1, 6, 6, 7]	20.0	0.1
1050	[7, 8, 2, 3, 8, 6, 2, 1]	23.0	0.115
1051	[7, 8, 2, 3, 8, 6, 2, 1]	23.0	0.115
1052	[7, 8, 2, 3, 1, 6, 6, 6]	21.0	0.105
1053	[8, 2, 2, 3, 8, 6, 2, 1]	19.0	0.095
1054	[6, 7, 8, 3, 8, 6, 6, 5]	16.0	0.08
1055	[7, 8, 2, 3, 8, 6, 6, 7]	17.0	0.085
1056	[4, 2, 2, 3, 1, 6, 6, 1]	20.0	0.1
1057	[3, 2, 8, 3, 1, 6, 6, 1]	22.0	0.11
1058	Iteration: 96		
1059	[6, 7, 8, 3, 8, 6, 6, 7]	15.0	0.07425742574257425
1060	[7, 8, 2, 3, 8, 6, 6, 5]	19.0	0.09405940594059406
1061	[4, 7, 8, 3, 8, 6, 6, 6]	20.0	0.09900990099009901
1062	[3, 5, 3, 3, 1, 6, 6, 7]	18.0	0.0891089108910891
1063	[3, 5, 8, 3, 1, 6, 6, 1]	23.0	0.11386138613861387
1064	[3, 2, 8, 3, 8, 6, 6, 6]	19.0	0.09405940594059406
1065	[7, 8, 2, 3, 8, 6, 2, 1]	23.0	0.11386138613861387
1066	[8, 2, 2, 3, 1, 6, 6, 6]	20.0	0.09900990099009901
1067	[7, 8, 2, 3, 8, 6, 2, 1]	23.0	0.11386138613861387
1068	[7, 8, 2, 3, 8, 6, 2, 3]	22.0	0.10891089108910891
1069	Iteration: 97		
1070	[3, 2, 8, 3, 8, 6, 6, 6]	19.0	0.09223300970873786
1071	[8, 2, 2, 3, 1, 6, 6, 6]	20.0	0.0970873786407767
1072	[3, 2, 8, 3, 8, 6, 6, 6]	19.0	0.09223300970873786
1073	[3, 2, 8, 3, 8, 6, 6, 6]	19.0	0.09223300970873786
1074	[7, 8, 2, 3, 8, 6, 2, 3]	22.0	0.10679611650485436
1075	[7, 8, 2, 3, 8, 6, 2, 3]	22.0	0.10679611650485436
1076	[3, 5, 2, 3, 8, 6, 6, 5]	17.0	0.0825242718446602
1077	[7, 8, 8, 3, 1, 6, 4, 1]	24.0	0.11650485436893204
1078	[7, 2, 8, 3, 8, 6, 6, 6]	21.0	0.10194174757281553
1079	[3, 8, 2, 3, 8, 6, 2, 1]	23.0	0.11165048543689321

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1080 Iteration: 98
1081 [3, 5, 2, 3, 8, 6, 6, 5]      17.0   0.0794392523364486
1082 [3, 8, 2, 3, 8, 6, 2, 1]      23.0   0.10747663551401869
1083 [3, 6, 2, 3, 8, 6, 2, 1]      23.0   0.10747663551401869
1084 [7, 8, 8, 3, 1, 6, 4, 1]      24.0   0.11214953271028037
1085 [7, 2, 8, 3, 8, 5, 6, 6]      21.0   0.09813084112149532
1086 [3, 2, 8, 3, 8, 6, 6, 6]      19.0   0.08878504672897196
1087 [3, 8, 2, 3, 8, 6, 2, 1]      23.0   0.10747663551401869
1088 [7, 2, 8, 3, 8, 6, 6, 6]      21.0   0.09813084112149532
1089 [3, 8, 2, 3, 8, 6, 2, 3]      21.0   0.09813084112149532
1090 [7, 8, 2, 4, 8, 6, 2, 1]      22.0   0.102803738317757
1091 Iteration: 99
1092 [3, 8, 2, 3, 8, 6, 2, 1]      23.0   0.10454545454545454
1093 [3, 6, 2, 3, 8, 6, 2, 1]      23.0   0.10454545454545454
1094 [3, 6, 2, 3, 8, 6, 2, 1]      23.0   0.10454545454545454
1095 [3, 8, 2, 3, 8, 6, 2, 1]      23.0   0.10454545454545454
1096 [3, 8, 2, 3, 8, 6, 2, 1]      23.0   0.10454545454545454
1097 [7, 8, 8, 3, 1, 6, 4, 1]      24.0   0.10909090909090909
1098 [2, 2, 8, 3, 8, 5, 6, 6]      20.0   0.09090909090909091
1099 [7, 8, 2, 3, 8, 6, 2, 1]      23.0   0.10454545454545454
1100 [3, 2, 8, 3, 2, 6, 2, 1]      20.0   0.09090909090909091
1101 [8, 8, 2, 3, 8, 6, 6, 6]      18.0   0.08181818181818182
1102 Iteration: 100
1103 [3, 6, 2, 3, 8, 6, 6, 6]      17.0   0.07727272727272727
1104 [8, 8, 2, 3, 6, 6, 2, 1]      21.0   0.09545454545454546
1105 [7, 8, 2, 3, 8, 6, 2, 1]      23.0   0.10454545454545454
1106 [3, 6, 2, 3, 8, 6, 2, 1]      23.0   0.10454545454545454
1107 [3, 6, 2, 3, 8, 6, 2, 1]      23.0   0.10454545454545454
1108 [3, 6, 2, 3, 8, 6, 2, 1]      23.0   0.10454545454545454
1109 [3, 6, 2, 3, 1, 6, 4, 1]      24.0   0.10909090909090909
1110 [7, 8, 8, 3, 8, 6, 2, 1]      23.0   0.10454545454545454
1111 [3, 2, 8, 3, 2, 6, 2, 1]      20.0   0.09090909090909091
1112 [3, 8, 2, 3, 8, 6, 2, 6]      23.0   0.10454545454545454
1113 100 Iterations completed
1114
1115 Process finished with exit code 0
1116

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