

Supplementary material to the paper:

High resolution FTIR spectrum of CH₂D³⁷Cl: ν_4 and ν_8 fundamental bands

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Table: Complete list of fitted transitions

Column 1: transition number.

Column 2, 3, 4: quantum numbers of the upper rovibrational state J , K_a , K_c .

Column 5: label of the upper vibrational state: $\nu_4 = 1$ (1), $\nu_8 = 1$ (2).

Column 6, 7, 8: quantum numbers of the ground vibrational state rotational level J , K_a , K_c .

Column 9: observed transition wavenumber (cm⁻¹).

Column 10: difference (observed - calculated) (cm⁻¹).

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1	2	3	4	5	6	7	8	9	10
1	0	0	0	1	1	0	1	1267.3889	-0.0008
2	1	0	1	1	1	1	0	1264.5809	-0.0006
3	1	0	1	1	2	0	2	1266.5600	-0.0003
4	1	0	1	1	0	0	0	1268.9871	-0.0013
5	2	0	2	1	2	1	1	1264.5319	-0.0005
6	2	0	2	1	3	0	3	1265.7114	-0.0003
7	3	0	3	1	3	1	2	1264.4605	-0.0000
8	3	0	3	1	4	0	4	1264.8450	-0.0003
9	3	0	3	1	2	0	2	1270.5099	-0.0004
10	4	0	4	1	5	0	5	1263.9628	-0.0004
11	4	0	4	1	4	1	3	1264.3671	-0.0007
12	4	0	4	1	3	0	3	1271.2460	-0.0004
13	5	0	5	1	6	0	6	1263.0668	-0.0005
14	5	0	5	1	5	1	4	1264.2555	-0.0006
15	5	0	5	1	4	0	4	1271.9679	-0.0005
16	6	0	6	1	7	1	7	1258.7011	-0.0011
17	6	0	6	1	7	0	7	1262.1593	-0.0005
18	6	0	6	1	6	1	5	1264.1275	-0.0001
19	6	0	6	1	5	0	5	1272.6780	-0.0005
20	7	0	7	1	8	1	8	1257.8228	-0.0001
21	7	0	7	1	8	0	8	1261.2422	-0.0004
22	7	0	7	1	6	1	6	1269.8879	0.0004
23	7	0	7	1	6	0	6	1273.3779	-0.0005
24	8	0	8	1	9	1	9	1256.9398	-0.0001
25	8	0	8	1	9	0	9	1260.3172	-0.0003
26	8	0	8	1	8	1	7	1263.8261	-0.0007
27	8	0	8	1	7	0	7	1274.0697	-0.0002
28	9	0	9	1	10	1	10	1256.0545	-0.0001
29	9	0	9	1	10	0	10	1259.3853	-0.0006
30	9	0	9	1	9	1	8	1263.6574	-0.0003
31	9	0	9	1	8	1	8	1271.3347	0.0000
32	9	0	9	1	8	0	8	1274.7542	-0.0003
33	10	0	10	1	11	1	11	1255.1677	-0.0006
34	10	0	10	1	11	0	11	1258.4485	-0.0007

35	10	0	10	1	10	1	9	1263.4772	-0.0001
36	10	0	10	1	9	1	9	1272.0561	0.0005
37	10	0	10	1	9	0	9	1275.4334	0.0002
38	11	0	11	1	12	0	12	1257.5080	-0.0002
39	11	0	11	1	11	1	10	1263.2869	0.0000
40	11	0	11	1	10	1	10	1272.7771	0.0011
41	11	0	11	1	10	0	10	1276.1069	-0.0003
42	12	0	12	1	13	1	13	1253.3956	0.0001
43	12	0	12	1	13	0	13	1256.5639	-0.0002
44	12	0	12	1	12	1	11	1263.0866	-0.0005
45	12	0	12	1	11	1	11	1273.4965	0.0001
46	12	0	12	1	11	0	11	1276.7769	-0.0004
47	13	0	13	1	14	0	14	1255.6176	0.0000
48	13	0	13	1	13	1	12	1262.8785	0.0001
49	13	0	13	1	12	0	12	1277.4440	-0.0000
50	14	0	14	1	15	0	15	1254.6691	0.0000
51	14	0	14	1	14	1	13	1262.6616	0.0003
52	14	0	14	1	13	0	13	1278.1085	0.0003
53	15	0	15	1	16	1	16	1250.7449	-0.0000
54	15	0	15	1	16	0	16	1253.7195	0.0002
55	15	0	15	1	14	1	14	1275.6638	0.0008
56	15	0	15	1	14	0	14	1278.7712	0.0011
57	16	0	16	1	17	0	17	1252.7690	0.0003
58	16	0	16	1	16	1	15	1262.2031	0.0003
59	16	0	16	1	15	1	15	1276.3877	-0.0002
60	16	0	16	1	15	0	15	1279.4308	0.0006
61	17	0	17	1	18	0	18	1251.8179	0.0004
62	17	0	17	1	17	1	16	1261.9623	0.0005
63	17	0	17	1	16	1	16	1277.1145	0.0002
64	17	0	17	1	16	0	16	1280.0885	-0.0002
65	18	0	18	1	19	0	19	1250.8663	0.0002
66	18	0	18	1	18	1	17	1261.7137	0.0006
67	18	0	18	1	17	0	17	1280.7464	0.0004
68	19	0	19	1	20	1	20	1247.2373	-0.0003
69	19	0	19	1	20	0	20	1249.9152	0.0005

70	19	0	19	1	18	0	18	1281.4026	0.0005
71	20	0	20	1	21	1	21	1246.3670	0.0011
72	20	0	20	1	21	0	21	1248.9642	0.0009
73	20	0	20	1	20	1	19	1261.1929	0.0009
74	20	0	20	1	19	1	19	1279.3036	0.0011
75	20	0	20	1	19	0	19	1282.0579	0.0007
76	21	0	21	1	22	1	22	1245.4959	-0.0000
77	21	0	21	1	22	0	22	1248.0132	0.0008
78	21	0	21	1	21	1	20	1260.9203	0.0006
79	21	0	21	1	20	1	20	1280.0352	0.0008
80	21	0	21	1	20	0	20	1282.7122	0.0008
81	22	0	22	1	23	0	23	1247.0623	0.0006
82	22	0	22	1	22	1	21	1260.6398	0.0006
83	22	0	22	1	21	0	21	1283.3653	0.0005
84	23	0	23	1	24	1	24	1243.7615	0.0011
85	23	0	23	1	24	0	24	1246.1124	0.0010
86	23	0	23	1	22	1	22	1281.5012	0.0004
87	23	0	23	1	22	0	22	1284.0181	0.0008
88	24	0	24	1	25	1	25	1242.8951	0.0007
89	24	0	24	1	25	0	25	1245.1623	0.0008
90	24	0	24	1	24	1	23	1260.0539	0.0013
91	24	0	24	1	23	0	23	1284.6698	0.0010
92	25	0	25	1	26	1	26	1242.0304	0.0014
93	25	0	25	1	26	0	26	1244.2125	0.0007
94	25	0	25	1	25	1	24	1259.7474	0.0012
95	25	0	25	1	24	1	24	1282.9694	0.0011
96	25	0	25	1	24	0	24	1285.3189	-0.0004
97	26	0	26	1	27	1	27	1241.1649	0.0010
98	26	0	26	1	27	0	27	1243.2624	0.0000
99	26	0	26	1	26	1	25	1259.4316	0.0012
100	26	0	26	1	25	0	25	1285.9696	0.0009
101	27	0	27	1	28	0	28	1242.3137	0.0007
102	27	0	27	1	27	1	26	1259.1059	0.0009
103	28	0	28	1	29	0	29	1241.3642	0.0007
104	28	0	28	1	27	1	27	1285.1662	0.0014

105	28	0	28	1	27	0	27	1287.2643	0.0010
106	29	0	29	1	30	1	30	1238.5668	0.0008
107	29	0	29	1	30	0	30	1240.4146	0.0011
108	30	0	30	1	31	1	31	1237.6978	0.0003
109	30	0	30	1	31	0	31	1239.4635	0.0006
110	30	0	30	1	30	1	29	1258.0672	-0.0003
111	31	0	31	1	32	1	32	1236.8272	0.0003
112	31	0	31	1	32	0	32	1238.5120	0.0007
113	31	0	31	1	30	0	30	1289.1920	0.0004
114	32	0	32	1	33	1	33	1235.9535	-0.0002
115	32	0	32	1	33	0	33	1237.5595	0.0009
116	32	0	32	1	32	1	31	1257.3212	0.0005
117	32	0	32	1	31	0	31	1289.8301	0.0006
118	33	0	33	1	34	1	34	1235.0778	0.0005
119	33	0	33	1	34	0	34	1236.6049	0.0006
120	33	0	33	1	32	0	32	1290.4650	0.0005
121	34	0	34	1	35	1	35	1234.1973	0.0001
122	34	0	34	1	35	0	35	1235.6483	0.0003
123	34	0	34	1	33	0	33	1291.0965	0.0002
124	35	0	35	1	36	1	36	1233.3129	0.0001
125	35	0	35	1	36	0	36	1234.6897	0.0003
126	35	0	35	1	34	0	34	1291.7245	0.0002
127	36	0	36	1	37	0	37	1233.7284	0.0003
128	36	0	36	1	36	1	35	1255.6800	0.0000
129	36	0	36	1	35	0	35	1292.3485	0.0000
130	37	0	37	1	38	1	38	1231.5296	0.0003
131	37	0	37	1	38	0	38	1232.7633	-0.0005
132	37	0	37	1	37	1	36	1255.2375	0.0005
133	37	0	37	1	36	0	36	1292.9684	0.0001
134	38	0	38	1	39	0	39	1231.7954	-0.0007
135	38	0	38	1	38	1	37	1254.7806	0.0002
136	38	0	38	1	37	0	37	1293.5828	-0.0007
137	39	0	39	1	40	0	40	1230.8243	-0.0002
138	39	0	39	1	38	0	38	1294.1932	-0.0004
139	40	0	40	1	41	0	41	1229.8476	-0.0013

140	40	0	40	1	39	0	39	1294.7977	-0.0008
141	41	0	41	1	42	0	42	1228.8678	-0.0011
142	41	0	41	1	40	0	40	1295.3969	-0.0009
143	42	0	42	1	43	0	43	1227.8826	-0.0017
144	42	0	42	1	41	0	41	1295.9897	-0.0015
145	43	0	43	1	42	0	42	1296.5769	-0.0016
146	44	0	44	1	43	0	43	1297.1575	-0.0021
147	45	0	45	1	46	0	46	1224.8980	-0.0021
148	45	0	45	1	44	0	44	1297.7324	-0.0019
149	46	0	46	1	47	0	47	1223.8925	-0.0022
150	46	0	46	1	45	0	45	1298.3001	-0.0024
151	47	0	47	1	48	0	48	1222.8814	-0.0024
152	48	0	48	1	49	0	49	1221.8652	-0.0022
153	48	0	48	1	47	0	47	1299.4165	-0.0022
154	1	1	0	1	2	1	1	1266.7131	-0.0006
155	1	1	1	1	2	1	2	1266.7246	-0.0005
156	1	1	1	1	1	1	0	1268.3242	-0.0000
157	1	1	0	1	1	0	1	1271.9383	-0.0012
158	2	1	1	1	3	1	2	1265.9083	-0.0004
159	2	1	2	1	3	1	3	1265.9140	-0.0000
160	2	1	2	1	2	1	1	1268.2971	-0.0010
161	2	1	1	1	2	1	2	1268.3807	0.0001
162	2	1	2	1	1	1	1	1269.9363	0.0000
163	2	1	1	1	1	1	0	1269.9783	-0.0014
164	2	1	1	1	2	0	2	1271.9581	-0.0003
165	3	1	3	1	4	1	4	1265.1016	-0.0001
166	3	1	2	1	4	1	3	1265.1079	-0.0004
167	3	1	3	1	3	1	2	1268.2599	-0.0009
168	3	1	2	1	3	1	3	1268.4244	0.0008
169	3	1	2	1	2	1	1	1270.8074	-0.0002
170	3	1	2	1	3	0	3	1271.9870	0.0002
171	4	1	4	1	5	1	5	1264.2906	-0.0001
172	4	1	3	1	5	1	4	1264.3120	-0.0005
173	4	1	3	1	4	1	4	1268.4806	-0.0002
174	4	1	3	1	3	1	2	1271.6400	0.0001

175	4	1	3	1	4	0	4	1272.0248	0.0001
176	5	1	5	1	6	2	4	1252.6068	0.0006
177	5	1	5	1	6	1	6	1263.4868	0.0003
178	5	1	4	1	6	1	5	1263.5216	0.0005
179	5	1	5	1	6	0	6	1266.9775	0.0000
180	5	1	4	1	5	0	5	1272.0721	0.0003
181	5	1	5	1	4	1	4	1272.3341	-0.0005
182	5	1	4	1	4	1	3	1272.4768	0.0003
183	6	1	6	1	7	2	5	1251.7814	-0.0006
184	6	1	5	1	6	2	4	1257.7560	-0.0005
185	6	1	6	1	7	1	7	1262.6974	0.0000
186	6	1	5	1	7	1	6	1262.7333	-0.0001
187	6	1	5	1	6	0	6	1272.1283	0.0005
188	6	1	6	1	5	1	5	1273.1539	0.0001
189	6	1	5	1	5	1	4	1273.3168	0.0001
190	7	1	7	1	8	2	6	1250.3917	-0.0006
191	7	1	7	1	8	1	8	1261.3485	0.0002
192	7	1	6	1	8	1	7	1261.9492	0.0004
193	7	1	6	1	7	0	7	1272.1924	0.0005
194	7	1	7	1	6	1	6	1273.4129	-0.0000
195	7	1	6	1	6	1	5	1274.1598	0.0002
196	8	1	8	1	9	2	7	1249.5521	-0.0006
197	8	1	8	1	8	2	7	1256.8410	-0.0002
198	8	1	7	1	8	2	6	1257.8867	-0.0007
199	8	1	8	1	9	1	9	1260.5542	-0.0006
200	8	1	7	1	9	1	8	1261.1667	0.0004
201	8	1	7	1	8	0	8	1272.2632	0.0000
202	8	1	8	1	7	1	7	1274.2270	-0.0003
203	8	1	7	1	7	1	6	1275.0048	0.0003
204	9	1	9	1	10	2	8	1248.6788	-0.0006
205	9	1	8	1	9	2	7	1257.9612	0.0001
206	9	1	9	1	10	1	10	1259.7334	-0.0002
207	9	1	8	1	10	1	9	1260.3853	0.0003
208	9	1	9	1	9	1	8	1267.3367	0.0002
209	9	1	8	1	9	0	9	1272.3416	0.0007

210	9	1	9	1	8	1	8	1275.0131	-0.0005
211	9	1	8	1	8	1	7	1275.8505	0.0002
212	10	1	10	1	11	2	9	1247.7775	-0.0006
213	10	1	10	1	10	2	9	1256.6913	-0.0000
214	10	1	10	1	11	1	11	1258.8899	-0.0005
215	10	1	9	1	11	1	10	1259.6037	-0.0000
216	10	1	10	1	11	0	11	1262.1706	-0.0006
217	10	1	10	1	10	1	9	1267.2000	0.0006
218	10	1	9	1	10	0	10	1272.4246	0.0006
219	10	1	10	1	9	1	9	1275.7778	0.0002
220	10	1	9	1	9	1	8	1276.6960	0.0003
221	10	1	10	1	9	0	9	1279.1552	-0.0001
222	11	1	11	1	12	2	10	1246.8535	-0.0009
223	11	1	11	1	11	2	10	1256.5811	-0.0006
224	11	1	11	1	12	1	12	1258.0300	-0.0008
225	11	1	11	1	12	0	12	1261.2565	-0.0009
226	11	1	10	1	11	0	11	1272.5121	0.0006
227	11	1	11	1	10	1	10	1276.5247	-0.0004
228	11	1	10	1	10	1	9	1277.5398	0.0001
229	12	1	12	1	13	2	11	1245.9107	-0.0012
230	12	1	11	1	13	2	12	1247.7040	0.0003
231	12	1	12	1	13	1	13	1257.1582	-0.0009
232	12	1	11	1	13	1	12	1258.0374	0.0006
233	12	1	11	1	12	1	12	1269.3763	0.0004
234	12	1	11	1	12	0	12	1272.6029	0.0005
235	12	1	12	1	11	1	11	1277.2591	-0.0008
236	12	1	11	1	11	1	10	1278.3816	0.0005
237	13	1	13	1	14	2	12	1244.9524	-0.0004
238	13	1	13	1	14	1	14	1256.2758	-0.0016
239	13	1	13	1	13	2	12	1256.3116	-0.0007
240	13	1	12	1	14	1	13	1257.2497	0.0006
241	13	1	12	1	13	2	11	1258.2806	0.0004
242	13	1	12	1	13	1	13	1269.5264	-0.0009
243	13	1	12	1	13	0	13	1272.6963	0.0004
244	13	1	13	1	12	1	12	1277.9834	-0.0010

245	13	1	12	1	12	1	11	1279.2195	0.0006
246	14	1	13	1	15	2	14	1246.2648	0.0006
247	14	1	14	1	15	1	15	1255.3864	-0.0009
248	14	1	14	1	14	2	13	1256.1555	-0.0010
249	14	1	13	1	15	1	14	1256.4576	0.0005
250	14	1	13	1	14	2	12	1258.3596	0.0002
251	14	1	13	1	14	0	14	1272.7914	0.0003
252	14	1	14	1	13	1	13	1278.6995	-0.0007
253	14	1	13	1	13	1	12	1280.0523	0.0002
254	15	1	14	1	16	2	15	1245.5452	0.0009
255	15	1	15	1	16	1	16	1254.4890	-0.0009
256	15	1	14	1	16	1	15	1255.6609	0.0008
257	15	1	15	1	15	2	14	1255.9876	-0.0005
258	15	1	15	1	16	0	16	1257.4633	-0.0010
259	15	1	14	1	15	2	13	1258.4366	0.0006
260	15	1	14	1	15	0	15	1272.8880	0.0006
261	15	1	15	1	14	1	14	1279.4069	-0.0010
262	15	1	14	1	14	1	13	1280.8804	0.0008
263	16	1	16	1	17	2	15	1241.9854	0.0001
264	16	1	15	1	17	2	16	1244.8234	0.0004
265	16	1	16	1	17	1	17	1253.5851	-0.0006
266	16	1	15	1	17	1	16	1254.8576	0.0005
267	16	1	16	1	16	2	15	1255.8068	-0.0010
268	16	1	16	1	17	0	17	1256.4889	-0.0005
269	16	1	15	1	16	1	16	1270.0104	0.0009
270	16	1	15	1	16	0	16	1272.9845	0.0005
271	16	1	16	1	15	1	15	1280.1081	-0.0005
272	16	1	15	1	15	1	14	1281.7013	0.0006
273	17	1	17	1	18	1	18	1252.6746	-0.0007
274	17	1	16	1	18	1	17	1254.0478	0.0004
275	17	1	17	1	18	0	18	1255.5051	-0.0006
276	17	1	16	1	17	1	17	1270.1763	-0.0002
277	17	1	16	1	17	0	17	1273.0802	-0.0001
278	17	1	17	1	16	1	16	1280.8017	-0.0008
279	17	1	16	1	16	1	15	1282.5149	0.0005

280	18	1	18	1	19	1	19	1251.7580	-0.0011
281	18	1	17	1	19	1	18	1253.2304	0.0003
282	18	1	18	1	19	0	19	1254.5131	-0.0007
283	18	1	18	1	18	2	17	1255.4118	-0.0012
284	18	1	17	1	18	2	16	1258.6377	0.0002
285	18	1	17	1	18	1	18	1270.3460	0.0007
286	18	1	17	1	18	0	18	1273.1761	0.0003
287	18	1	18	1	17	1	17	1281.4892	-0.0008
288	18	1	17	1	17	1	16	1283.3202	0.0002
289	18	1	18	1	17	0	17	1284.3926	-0.0011
290	19	1	19	1	20	1	20	1250.8365	-0.0009
291	19	1	18	1	20	1	19	1252.4050	0.0002
292	19	1	19	1	20	0	20	1253.5131	-0.0012
293	19	1	18	1	19	2	17	1258.6920	0.0003
294	19	1	18	1	19	0	19	1273.2704	0.0004
295	19	1	19	1	18	1	18	1282.1704	-0.0010
296	19	1	18	1	18	1	17	1284.1172	0.0003
297	20	1	20	1	21	1	21	1249.9095	-0.0008
298	20	1	19	1	20	0	20	1273.3628	0.0002
299	20	1	20	1	19	1	19	1282.8459	-0.0009
300	20	1	19	1	19	1	18	1284.9050	0.0006
301	20	1	20	1	19	0	19	1285.6004	-0.0012
302	21	1	21	1	22	1	22	1248.9775	-0.0006
303	21	1	20	1	22	1	21	1250.7279	0.0003
304	21	1	21	1	22	0	22	1251.4935	-0.0011
305	21	1	21	1	21	2	20	1254.7385	-0.0012
306	21	1	20	1	21	1	21	1270.8559	0.0001
307	21	1	20	1	21	0	21	1273.4534	0.0001
308	21	1	21	1	20	1	20	1283.5160	-0.0006
309	21	1	20	1	20	1	19	1285.6818	-0.0002
310	21	1	21	1	20	0	20	1286.1928	-0.0008
311	22	1	22	1	23	1	23	1248.0400	-0.0010
312	22	1	21	1	23	1	22	1249.8747	-0.0000
313	22	1	21	1	22	2	20	1258.8015	0.0003
314	22	1	21	1	22	0	22	1273.5414	-0.0004

315	22	1	22	1	21	1	21	1284.1801	-0.0007
316	22	1	21	1	21	1	20	1286.4494	0.0003
317	23	1	23	1	24	1	24	1247.0985	-0.0006
318	23	1	22	1	24	1	23	1249.0126	0.0007
319	23	1	23	1	24	0	24	1249.4490	-0.0010
320	23	1	22	1	23	1	23	1271.1936	-0.0003
321	23	1	23	1	22	1	22	1284.8377	-0.0018
322	23	1	22	1	22	1	21	1287.2053	-0.0002
323	24	1	24	1	25	1	25	1246.1520	-0.0006
324	24	1	23	1	25	1	24	1248.1385	-0.0003
325	24	1	24	1	25	0	25	1248.4188	-0.0008
326	24	1	24	1	24	2	23	1253.9729	-0.0005
327	24	1	23	1	24	1	24	1271.3604	-0.0006
328	24	1	23	1	24	0	24	1273.7114	-0.0006
329	24	1	24	1	23	1	23	1285.4925	-0.0003
330	24	1	24	1	23	0	23	1287.9263	-0.0007
331	24	1	23	1	23	1	22	1287.9506	-0.0002
332	25	1	25	1	26	1	26	1245.2007	-0.0007
333	25	1	25	1	26	0	26	1247.3839	-0.0003
334	25	1	25	1	25	2	24	1253.6977	-0.0002
335	25	1	24	1	25	0	25	1273.7924	-0.0012
336	25	1	25	1	24	1	24	1286.1401	-0.0006
337	25	1	25	1	24	0	24	1288.4914	-0.0004
338	26	1	26	1	27	1	27	1244.2457	-0.0001
339	26	1	26	1	27	0	27	1246.3441	-0.0002
340	26	1	25	1	27	1	26	1246.3605	-0.0007
341	26	1	26	1	26	2	25	1253.4126	0.0003
342	26	1	25	1	26	2	24	1258.7930	-0.0004
343	26	1	25	1	26	1	26	1271.6898	-0.0003
344	26	1	26	1	25	1	25	1286.7831	-0.0005
345	27	1	27	1	28	1	28	1243.2856	-0.0003
346	27	1	26	1	28	1	27	1245.4559	-0.0008
347	27	1	27	1	27	2	26	1253.1177	0.0007
348	27	1	26	1	27	1	27	1271.8505	-0.0014
349	27	1	26	1	27	0	27	1273.9495	-0.0008

350	27	1	27	1	26	1	26	1287.4210	-0.0002
351	27	1	27	1	26	0	26	1289.6033	-0.0007
352	27	1	26	1	26	1	25	1290.1178	-0.0006
353	28	1	28	1	29	1	29	1242.3214	-0.0003
354	28	1	28	1	29	0	29	1244.2520	-0.0003
355	28	1	27	1	29	1	28	1244.5408	-0.0010
356	28	1	28	1	28	2	27	1252.8114	-0.0004
357	28	1	27	1	28	1	28	1272.0112	-0.0004
358	28	1	27	1	28	0	28	1274.0249	-0.0010
359	28	1	28	1	27	1	27	1288.0535	-0.0003
360	28	1	28	1	27	0	27	1290.1524	0.0002
361	29	1	29	1	30	0	30	1243.2004	-0.0004
362	29	1	28	1	30	1	29	1243.6157	-0.0009
363	29	1	29	1	29	2	28	1252.4974	0.0005
364	29	1	28	1	29	1	29	1272.1688	-0.0006
365	29	1	28	1	29	0	29	1274.0986	-0.0013
366	29	1	29	1	28	0	28	1290.6949	-0.0006
367	29	1	28	1	28	1	27	1291.5051	-0.0012
368	30	1	30	1	31	1	31	1240.3803	-0.0003
369	30	1	30	1	31	0	31	1242.1464	0.0004
370	30	1	29	1	31	1	30	1242.6806	-0.0007
371	30	1	30	1	30	2	29	1252.1724	0.0002
372	30	1	29	1	30	0	30	1274.1720	-0.0009
373	30	1	30	1	29	1	29	1289.3035	-0.0001
374	30	1	30	1	29	0	29	1291.2347	0.0006
375	30	1	29	1	29	1	28	1292.1826	-0.0009
376	31	1	31	1	32	1	32	1239.4039	0.0001
377	31	1	31	1	32	0	32	1241.0887	0.0003
378	31	1	30	1	32	1	31	1241.7354	-0.0011
379	31	1	30	1	31	0	31	1274.2441	-0.0011
380	31	1	31	1	30	1	30	1289.9210	0.0000
381	31	1	30	1	30	1	29	1292.8493	-0.0006
382	32	1	32	1	33	1	33	1238.4235	0.0006
383	32	1	32	1	33	0	33	1240.0279	0.0000
384	32	1	31	1	33	1	32	1240.7822	-0.0000

385	32	1	31	1	32	1	32	1272.6322	-0.0006
386	32	1	31	1	32	0	32	1274.3167	-0.0006
387	32	1	32	1	31	1	31	1290.5339	0.0006
388	32	1	31	1	31	1	30	1293.5055	-0.0003
389	33	1	33	1	34	1	34	1237.4379	-0.0001
390	33	1	33	1	34	0	34	1238.9648	-0.0001
391	33	1	32	1	34	1	33	1239.8186	-0.0006
392	33	1	32	1	33	1	33	1272.7842	-0.0005
393	33	1	32	1	33	0	33	1274.3882	-0.0014
394	33	1	33	1	32	1	32	1291.1410	0.0003
395	33	1	33	1	32	0	32	1292.8259	0.0007
396	33	1	32	1	32	1	31	1294.1512	-0.0005
397	34	1	34	1	35	1	35	1236.4496	0.0008
398	34	1	33	1	35	1	34	1238.8480	0.0002
399	34	1	33	1	34	1	34	1272.9357	0.0001
400	34	1	33	1	34	0	34	1274.4627	0.0000
401	34	1	34	1	33	1	33	1291.7433	0.0003
402	34	1	33	1	33	1	32	1294.7871	-0.0007
403	35	1	35	1	36	1	36	1235.4566	0.0009
404	35	1	35	1	36	0	36	1236.8330	0.0006
405	35	1	34	1	36	1	35	1237.8687	0.0002
406	35	1	34	1	35	0	35	1274.5369	-0.0001
407	35	1	35	1	34	1	34	1292.3408	0.0005
408	35	1	34	1	34	1	33	1295.4148	-0.0000
409	36	1	36	1	37	1	37	1234.4597	0.0011
410	36	1	36	1	37	0	37	1235.7635	0.0004
411	36	1	35	1	37	1	36	1236.8825	0.0006
412	36	1	35	1	36	1	36	1273.2362	-0.0004
413	36	1	36	1	35	1	35	1292.9334	0.0008
414	36	1	35	1	35	1	34	1296.0340	0.0008
415	37	1	37	1	38	1	38	1233.4579	0.0004
416	37	1	36	1	38	1	37	1235.8892	0.0006
417	37	1	37	1	36	1	36	1293.5208	0.0010
418	37	1	36	1	36	1	35	1296.6445	0.0011
419	38	1	38	1	39	1	39	1232.4528	0.0005

420	38	1	38	1	39	0	39	1233.6204	0.0013
421	38	1	37	1	39	1	38	1234.8910	0.0019
422	38	1	37	1	37	1	36	1297.2477	0.0016
423	39	1	39	1	40	1	40	1231.4443	0.0011
424	39	1	38	1	40	1	39	1233.8859	0.0016
425	39	1	38	1	38	1	37	1297.8409	-0.0008
426	40	1	40	1	41	1	41	1230.4309	0.0010
427	40	1	39	1	41	1	40	1232.8770	0.0026
428	40	1	39	1	39	1	38	1298.4331	0.0021
429	41	1	41	1	42	1	42	1229.4142	0.0015
430	41	1	40	1	40	1	39	1299.0171	0.0028
431	42	1	42	1	43	1	43	1228.3931	0.0016
432	42	1	42	1	41	1	41	1296.3816	0.0014
433	43	1	43	1	44	1	44	1227.3677	0.0013
434	43	1	43	1	42	1	42	1296.9385	0.0016
435	44	1	44	1	45	1	45	1226.3388	0.0016
436	45	1	45	1	46	1	46	1225.3063	0.0024
437	45	1	45	1	44	1	44	1298.0366	0.0017
438	46	1	46	1	45	1	45	1298.5765	0.0004
439	48	1	48	1	49	1	49	1222.1811	0.0007
440	48	1	48	1	47	1	47	1299.6439	0.0009
441	2	2	0	1	3	2	1	1266.1432	0.0002
442	2	2	1	1	3	2	2	1266.1432	0.0001
443	2	2	1	1	2	2	0	1268.5709	0.0000
444	2	2	0	1	2	2	1	1268.5709	-0.0001
445	2	2	1	1	1	1	0	1280.9618	0.0002
446	2	2	0	1	1	1	1	1280.9718	0.0004
447	3	2	1	1	4	2	2	1265.3276	-0.0001
448	3	2	2	1	4	2	3	1265.3276	-0.0001
449	3	2	2	1	3	2	1	1268.5649	0.0002
450	3	2	1	1	3	2	2	1268.5649	-0.0001
451	3	2	2	1	2	2	1	1270.9926	-0.0001
452	3	2	1	1	2	2	0	1270.9926	-0.0003
453	3	2	1	1	3	1	2	1279.3132	0.0007
454	3	2	2	1	3	1	3	1279.3713	0.0005

455	3	2	2	1	2	1	1	1281.7550	0.0001
456	3	2	1	1	2	1	2	1281.7849	0.0005
457	4	2	2	1	5	2	3	1264.5104	0.0001
458	4	2	3	1	5	2	4	1264.5104	-0.0000
459	4	2	2	1	4	2	3	1268.5565	-0.0008
460	4	2	3	1	4	2	2	1268.5565	0.0001
461	4	2	3	1	3	2	2	1271.7939	0.0002
462	4	2	2	1	3	2	1	1271.7939	-0.0004
463	4	2	3	1	4	1	4	1279.3827	0.0006
464	4	2	3	1	3	1	2	1282.5413	0.0001
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466	5	2	3	1	6	2	4	1263.6912	-0.0001
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468	5	2	4	1	5	2	3	1268.5465	0.0007
469	5	2	3	1	5	2	4	1268.5465	-0.0014
470	5	2	3	1	4	2	2	1272.5936	-0.0003
471	5	2	4	1	4	2	3	1272.5936	0.0008
472	5	2	3	1	5	1	4	1279.2513	-0.0000
473	5	2	4	1	5	1	5	1279.3962	-0.0000
474	5	2	3	1	4	1	4	1283.4191	-0.0005
475	6	2	4	1	7	2	5	1262.8703	-0.0002
476	6	2	5	1	7	2	6	1262.8703	0.0002
477	6	2	4	1	6	2	5	1268.5372	-0.0001
478	6	2	5	1	5	2	4	1273.3902	0.0005
479	6	2	4	1	5	2	3	1273.3902	-0.0017
480	6	2	4	1	6	1	5	1279.2113	-0.0001
481	6	2	4	1	5	1	5	1284.2426	0.0001
482	7	2	6	1	8	2	7	1262.0482	0.0008
483	7	2	5	1	8	2	6	1262.0482	-0.0002
484	7	2	5	1	7	2	6	1268.5257	-0.0000
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487	7	2	5	1	7	1	6	1279.1655	-0.0000
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489	7	2	5	1	6	1	6	1285.0689	-0.0000

490	8	2	6	1	9	2	7	1261.2241	-0.0007
491	8	2	7	1	9	2	8	1261.2241	0.0012
492	8	2	7	1	9	1	8	1271.7798	0.0001
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495	8	2	6	1	8	1	7	1279.1139	-0.0002
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499	9	2	8	1	10	2	9	1260.3978	0.0007
500	9	2	7	1	9	2	8	1268.4998	-0.0009
501	9	2	8	1	8	2	7	1275.7699	0.0002
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505	10	2	8	1	11	2	9	1259.5751	0.0002
506	10	2	8	1	10	2	9	1268.4882	0.0001
507	10	2	9	1	9	2	8	1276.5599	0.0002
508	10	2	8	1	9	2	7	1276.5725	0.0003
509	10	2	8	1	10	1	9	1278.9964	0.0003
510	10	2	9	1	10	1	10	1279.5137	0.0003
511	10	2	9	1	9	1	8	1287.1163	-0.0001
512	11	2	10	1	12	2	11	1258.7417	-0.0001
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515	11	2	9	1	10	2	8	1277.3652	-0.0000
516	11	2	9	1	10	1	10	1288.4198	0.0004
517	12	2	11	1	13	2	12	1257.9130	0.0001
518	12	2	10	1	13	2	11	1257.9224	0.0003
519	12	2	11	1	13	1	12	1268.2461	0.0001
520	12	2	11	1	11	2	10	1278.1355	-0.0004
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524	12	2	11	1	11	1	10	1288.5904	0.0000

525	12	2	10	1	11	1	11	1289.2703	0.0002
526	13	2	12	1	14	2	13	1257.0841	0.0004
527	13	2	11	1	14	2	12	1257.0954	0.0001
528	13	2	11	1	13	1	12	1278.7881	0.0003
529	13	2	12	1	12	2	11	1278.9227	-0.0000
530	13	2	11	1	12	2	10	1278.9507	0.0002
531	13	2	12	1	13	1	13	1279.6278	0.0005
532	13	2	12	1	12	1	11	1289.3194	0.0004
533	13	2	11	1	12	1	12	1290.1272	0.0003
534	14	2	13	1	15	2	14	1256.2546	-0.0001
535	14	2	12	1	15	2	13	1256.2687	0.0003
536	14	2	12	1	14	1	13	1278.7125	0.0005
537	14	2	13	1	14	1	14	1279.6744	-0.0001
538	14	2	13	1	13	2	12	1279.7098	0.0004
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540	14	2	13	1	13	1	12	1290.0424	-0.0001
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542	15	2	14	1	16	2	15	1255.4266	0.0002
543	15	2	13	1	16	2	14	1255.4425	0.0008
544	15	2	14	1	16	1	15	1265.5429	0.0007
545	15	2	13	1	15	1	14	1278.6341	0.0003
546	15	2	14	1	14	2	13	1280.4967	0.0003
547	15	2	13	1	14	2	12	1280.5367	0.0005
548	15	2	14	1	14	1	13	1290.7620	0.0003
549	16	2	15	1	17	2	16	1254.6000	0.0002
550	16	2	14	1	17	2	15	1254.6164	0.0008
551	16	2	15	1	17	1	16	1264.6340	0.0002
552	16	2	14	1	16	1	15	1278.5544	0.0006
553	16	2	15	1	16	1	16	1279.7865	0.0001
554	16	2	15	1	15	2	14	1281.2849	0.0003
555	16	2	14	1	15	2	13	1281.3301	0.0003
556	16	2	15	1	15	1	14	1291.4780	0.0006
557	16	2	14	1	15	1	15	1292.7394	0.0005
558	17	2	16	1	18	2	17	1253.7762	0.0005
559	17	2	15	1	18	2	16	1253.7906	0.0005

560	17	2	15	1	17	1	16	1278.4733	0.0006
561	17	2	16	1	17	1	17	1279.8535	0.0008
562	17	2	16	1	16	2	15	1282.0750	0.0002
563	17	2	15	1	16	2	14	1282.1247	0.0005
564	17	2	16	1	16	1	15	1292.1907	0.0001
565	18	2	17	1	19	2	18	1252.9558	0.0004
566	18	2	16	1	19	2	17	1252.9665	0.0007
567	18	2	16	1	18	1	17	1278.3914	0.0003
568	18	2	17	1	18	1	18	1279.9280	0.0004
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570	18	2	16	1	17	2	15	1282.9205	0.0007
571	18	2	17	1	17	1	16	1292.9031	0.0008
572	18	2	16	1	17	1	17	1294.5203	0.0001
573	19	2	17	1	19	1	18	1278.3101	0.0005
574	19	2	18	1	19	1	19	1280.0130	0.0008
575	19	2	17	1	18	2	16	1283.7173	0.0003
576	19	2	17	1	18	1	18	1295.4253	0.0006
577	20	2	19	1	21	3	18	1232.1519	0.0007
578	20	2	19	1	21	2	20	1250.1521	0.0006
579	20	2	18	1	21	2	19	1251.3209	-0.0006
580	20	2	18	1	20	1	19	1278.2295	0.0003
581	20	2	19	1	19	2	18	1283.2909	0.0008
582	20	2	18	1	19	2	17	1284.5166	0.0007
583	20	2	18	1	19	1	19	1296.3400	0.0005
584	21	2	20	1	22	3	19	1231.3254	0.0009
585	21	2	19	1	22	2	20	1250.5034	0.0009
586	21	2	19	1	21	1	20	1278.1513	0.0008
587	21	2	19	1	20	2	18	1285.3189	0.0016
588	21	2	19	1	20	1	20	1297.2646	-0.0006
589	22	2	20	1	23	2	21	1249.6872	0.0010
590	22	2	20	1	22	1	21	1278.0753	0.0007
591	22	2	21	1	21	2	20	1284.8736	0.0007
592	22	2	20	1	21	2	19	1286.1220	0.0006
593	22	2	20	1	21	1	21	1298.2033	0.0006
594	23	2	22	1	24	3	21	1229.6463	0.0004

595	23	2	22	1	24	2	23	1247.6798	0.0001
596	23	2	21	1	24	2	22	1248.8741	0.0008
597	23	2	22	1	23	3	21	1249.0535	0.0001
598	23	2	21	1	23	1	22	1278.0024	-0.0001
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600	23	2	21	1	22	2	20	1286.9298	0.0009
601	23	2	21	1	22	1	22	1299.1538	0.0007
602	24	2	23	1	25	2	24	1246.8411	0.0007
603	24	2	22	1	25	2	23	1248.0647	0.0006
604	24	2	22	1	24	1	23	1277.9356	0.0006
605	24	2	23	1	23	2	22	1286.4232	-0.0001
606	24	2	22	1	23	1	23	1300.1180	0.0010
607	25	2	24	1	26	3	23	1227.9283	0.0008
608	25	2	24	1	26	2	25	1245.9929	0.0002
609	25	2	23	1	26	2	24	1247.2597	0.0005
610	25	2	23	1	25	1	24	1277.8736	0.0006
611	25	2	24	1	24	2	23	1287.1850	0.0002
612	25	2	23	1	24	2	22	1288.5566	0.0007
613	25	2	23	1	24	1	24	1301.0960	0.0007
614	26	2	25	1	27	3	24	1227.0530	0.0008
615	26	2	25	1	27	2	26	1245.1363	-0.0000
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617	26	2	25	1	26	3	24	1248.8854	0.0001
618	26	2	24	1	26	1	25	1277.8179	0.0005
619	26	2	25	1	25	2	24	1287.9371	0.0001
620	26	2	24	1	25	2	23	1289.3764	0.0003
621	26	2	24	1	25	1	25	1302.0899	0.0012
622	27	2	26	1	28	3	25	1226.1664	0.0001
623	27	2	25	1	28	2	26	1245.6636	-0.0001
624	27	2	26	1	27	3	25	1248.8085	0.0000
625	27	2	25	1	27	1	26	1277.7692	0.0003
626	27	2	25	1	26	2	24	1290.2013	0.0001
627	27	2	25	1	26	1	26	1303.0986	0.0007
628	28	2	27	1	29	2	28	1243.3990	-0.0002
629	28	2	26	1	29	2	27	1244.8732	-0.0000

630	28	2	26	1	28	1	27	1277.7280	0.0001
631	28	2	27	1	27	2	26	1289.4144	-0.0001
632	28	2	26	1	27	2	25	1291.0312	0.0002
633	28	2	26	1	27	1	27	1304.1226	-0.0004
634	29	2	28	1	30	3	27	1224.3623	-0.0008
635	29	2	28	1	30	2	29	1242.5188	-0.0003
636	29	2	27	1	30	2	28	1244.0877	0.0001
637	29	2	28	1	29	3	27	1248.6239	-0.0005
638	29	2	27	1	29	1	28	1277.6946	0.0000
639	29	2	28	1	28	2	27	1290.1395	-0.0011
640	29	2	27	1	28	1	28	1305.1646	0.0001
641	30	2	29	1	31	3	28	1223.4466	0.0003
642	30	2	29	1	31	2	30	1241.6317	-0.0004
643	30	2	28	1	31	2	29	1243.3054	-0.0010
644	30	2	28	1	30	1	29	1277.6685	-0.0007
645	30	2	29	1	29	2	28	1290.8582	-0.0005
646	30	2	28	1	29	2	27	1292.7036	-0.0006
647	31	2	30	1	32	3	29	1222.5192	-0.0004
648	31	2	30	1	32	2	31	1240.7379	-0.0005
649	31	2	30	1	31	3	29	1248.4015	-0.0008
650	31	2	29	1	31	1	30	1277.6503	-0.0012
651	31	2	30	1	30	2	29	1291.5689	-0.0005
652	31	2	29	1	30	2	28	1293.5456	-0.0010
653	32	2	31	1	33	2	32	1239.8375	-0.0010
654	32	2	30	1	33	2	31	1241.7530	-0.0020
655	32	2	31	1	32	3	30	1248.2765	-0.0011
656	32	2	31	1	31	2	30	1292.2724	-0.0004
657	32	2	30	1	31	2	29	1294.3899	-0.0020
658	34	2	33	1	35	2	34	1238.0208	-0.0004
659	34	2	33	1	33	2	32	1293.6592	-0.0002
660	35	2	34	1	36	2	35	1237.1032	-0.0011
661	35	2	34	1	34	2	33	1294.3424	-0.0005
662	36	2	35	1	37	2	36	1236.1815	-0.0008
663	36	2	35	1	35	2	34	1295.0199	-0.0004
664	37	2	36	1	38	2	37	1235.2543	-0.0010

665	37	2	36	1	36	2	35	1295.6923	0.0007
666	38	2	37	1	39	2	38	1234.3227	-0.0005
667	38	2	37	1	37	2	36	1296.3565	-0.0003
668	39	2	38	1	40	2	39	1233.3864	-0.0002
669	39	2	38	1	38	2	37	1297.0160	-0.0001
670	40	2	39	1	41	2	40	1232.4451	-0.0000
671	40	2	39	1	39	2	38	1297.6698	0.0001
672	41	2	40	1	42	2	41	1231.4996	0.0004
673	41	2	40	1	40	2	39	1298.3179	0.0003
674	42	2	41	1	41	2	40	1298.9601	0.0004
675	43	2	42	1	44	2	43	1229.5955	0.0014
676	43	2	42	1	42	2	41	1299.5970	0.0007
677	44	2	43	1	43	2	42	1300.2288	0.0016
678	46	2	45	1	45	2	44	1301.4755	0.0029
679	3	3	0	1	4	3	1	1265.5733	0.0000
680	3	3	1	1	4	3	2	1265.5733	0.0000
681	3	3	0	1	3	3	1	1268.8103	0.0002
682	3	3	1	1	3	3	0	1268.8103	0.0002
683	4	3	2	1	5	3	3	1264.7540	-0.0002
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685	4	3	2	1	4	3	1	1268.8006	0.0003
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687	4	3	2	1	3	3	1	1272.0368	-0.0005
688	4	3	1	1	3	3	0	1272.0368	-0.0005
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691	4	3	1	1	3	2	2	1289.9966	0.0003
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693	5	3	2	1	6	3	3	1263.9329	0.0001
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703	6	3	4	1	7	3	5	1263.1090	-0.0000
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707	6	3	3	1	5	3	2	1273.6285	-0.0000
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711	7	3	5	1	8	3	6	1262.2834	0.0003
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713	7	3	5	1	7	3	4	1268.7568	0.0004
714	7	3	4	1	7	3	5	1268.7568	0.0003
715	7	3	5	1	6	3	4	1274.4210	0.0003
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717	7	3	5	1	8	2	6	1280.2384	0.0007
718	7	3	4	1	6	2	5	1292.3789	-0.0005
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720	8	3	5	1	9	3	6	1261.4557	0.0006
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724	8	3	5	1	7	3	4	1275.2110	0.0004
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726	9	3	6	1	10	3	7	1260.6250	0.0001
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732	10	3	8	1	11	3	9	1259.7927	0.0000
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736	10	3	7	1	10	2	8	1286.6420	-0.0001
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747	11	3	9	1	11	2	10	1286.6269	-0.0002
748	11	3	9	1	10	2	8	1295.5165	0.0001
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758	12	3	9	1	11	2	10	1296.3082	-0.0003
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767	14	3	11	1	15	3	12	1256.4463	-0.0002
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774	15	3	12	1	16	3	13	1255.6061	-0.0001
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776	15	3	13	1	16	2	14	1273.5149	-0.0001
777	15	3	13	1	14	3	12	1280.6817	0.0006
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779	15	3	12	1	15	2	13	1286.4686	0.0003
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784	16	3	14	1	17	2	15	1272.6610	0.0000
785	16	3	13	1	15	3	12	1281.4564	-0.0002
786	16	3	14	1	15	3	13	1281.4564	0.0010
787	16	3	14	1	16	2	15	1286.4834	-0.0000
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789	16	3	13	1	15	2	14	1299.4242	0.0004
790	17	3	15	1	18	3	16	1253.9215	0.0004
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792	17	3	15	1	18	2	16	1271.8041	0.0005
793	17	3	14	1	16	3	13	1282.2293	-0.0006
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795	17	3	14	1	17	2	15	1286.3783	0.0005
796	17	3	15	1	16	2	14	1300.1376	-0.0001
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798	18	3	15	1	19	3	16	1253.0778	-0.0006
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801	18	3	15	1	17	3	14	1283.0012	-0.0007
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805	19	3	16	1	20	3	17	1252.2336	-0.0004
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812	19	3	17	1	18	2	16	1301.6533	0.0005
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814	20	3	18	1	21	3	19	1251.3884	0.0011
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826	22	3	20	1	23	3	21	1249.6968	0.0013
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831	22	3	19	1	21	2	20	1304.0815	0.0006
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840	24	3	21	1	24	2	22	1285.9579	0.0002
841	24	3	22	1	23	3	21	1287.6100	0.0002
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872	30	3	28	1	31	3	29	1241.1552	0.0001
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874	30	3	27	1	30	2	28	1285.4512	-0.0003

875	30	3	27	1	29	2	28	1310.3440	-0.0001
876	31	3	29	1	32	3	30	1240.3108	-0.0004
877	31	3	29	1	31	4	28	1241.0814	-0.0004
878	31	3	28	1	32	3	29	1242.0860	-0.0006
879	31	3	28	1	31	2	29	1285.3516	-0.0005
880	31	3	29	1	30	3	28	1291.1921	-0.0002
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884	32	3	29	1	31	2	30	1311.9313	-0.0002
885	33	3	30	1	34	3	31	1240.3966	-0.0005
886	33	3	31	1	33	4	30	1241.0063	0.0003
887	33	3	30	1	33	2	31	1285.1383	-0.0011
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889	33	3	30	1	32	3	29	1294.5099	-0.0008
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891	34	3	32	1	35	3	33	1237.7664	-0.0008
892	34	3	31	1	35	3	32	1239.5509	-0.0017
893	34	3	32	1	34	4	31	1240.9648	0.0002
894	34	3	31	1	34	2	32	1285.0253	-0.0007
895	34	3	32	1	33	3	31	1293.4696	-0.0006
896	34	3	31	1	33	3	30	1295.2743	-0.0011
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898	35	3	33	1	36	3	34	1236.9137	-0.0012
899	35	3	33	1	35	4	32	1240.9207	0.0000
900	35	3	33	1	34	3	32	1294.2229	-0.0009
901	35	3	32	1	34	2	33	1314.3340	-0.0013
902	36	3	34	1	37	3	35	1236.0591	-0.0013
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904	36	3	33	1	36	2	34	1284.7832	-0.0015
905	36	3	34	1	35	3	33	1294.9732	-0.0010
906	36	3	33	1	35	3	32	1296.8016	-0.0020
907	36	3	33	1	35	2	34	1315.1416	-0.0019
908	37	3	35	1	38	3	36	1235.2011	-0.0025
909	37	3	35	1	37	4	34	1240.8237	-0.0014

910	37	3	34	1	37	2	35	1284.6549	-0.0022
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913	4	4	0	1	5	4	1	1264.9975	-0.0001
914	4	4	1	1	5	4	2	1264.9975	-0.0001
915	4	4	1	1	4	4	0	1269.0437	0.0003
916	4	4	0	1	4	4	1	1269.0437	0.0003
917	4	4	1	1	3	3	0	1297.4181	0.0001
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919	5	4	2	1	6	4	3	1264.1752	-0.0000
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923	5	4	1	1	5	3	2	1294.1672	-0.0001
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925	5	4	1	1	4	3	2	1298.2134	0.0000
926	5	4	2	1	4	3	1	1298.2134	0.0000
927	6	4	2	1	6	4	3	1269.0135	-0.0004
928	6	4	3	1	6	4	2	1269.0135	-0.0004
929	6	4	2	1	5	4	1	1273.8692	0.0006
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935	7	4	3	1	8	4	4	1262.5226	0.0000
936	7	4	4	1	8	4	5	1262.5226	0.0000
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945	8	4	4	1	9	4	5	1261.6928	0.0002
946	8	4	5	1	9	4	6	1261.6928	0.0002
947	8	4	4	1	8	4	5	1268.9740	-0.0001
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949	8	4	5	1	7	4	4	1275.4467	0.0000
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957	9	4	6	1	8	4	5	1276.2321	0.0003
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962	10	4	7	1	11	4	8	1260.0257	0.0002
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965	10	4	6	1	9	4	5	1277.0145	0.0002
966	10	4	7	1	9	4	6	1277.0145	0.0002
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973	11	4	7	1	12	4	8	1259.1887	0.0002
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979	11	4	7	1	11	3	8	1294.0286	-0.0000

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983	12	4	9	1	13	4	10	1258.3493	-0.0000
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994	13	4	10	1	14	4	11	1257.5080	0.0000
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1015	15	4	12	1	16	3	13	1280.9446	0.0003
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1032	17	4	14	1	18	3	15	1279.2441	0.0004
1033	17	4	13	1	16	4	12	1282.4269	0.0002
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1035	17	4	13	1	17	3	14	1293.8027	0.0011
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1049	19	4	16	1	18	4	15	1283.9542	0.0001

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1051	19	4	15	1	19	3	16	1293.7092	0.0006
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1055	20	4	17	1	21	4	18	1251.5694	0.0010
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1057	20	4	17	1	19	4	16	1284.7154	0.0002
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1162	35	4	31	1	34	4	30	1295.9980	-0.0007
1163	35	4	32	1	34	3	31	1320.9960	-0.0002
1164	35	4	31	1	34	3	32	1321.0549	-0.0008
1165	36	4	32	1	37	4	33	1237.8433	-0.0003
1166	36	4	33	1	37	4	34	1237.8433	-0.0001
1167	36	4	32	1	35	4	31	1296.7467	0.0001
1168	36	4	33	1	35	4	32	1296.7467	0.0011
1169	36	4	33	1	35	3	32	1321.7279	-0.0000
1170	36	4	32	1	35	3	33	1321.7969	-0.0013
1171	37	4	33	1	38	4	34	1234.6124	-0.0018
1172	37	4	34	1	38	4	35	1234.6124	-0.0007
1173	37	4	33	1	36	4	32	1295.1198	-0.0018
1174	37	4	34	1	36	4	33	1295.1198	0.0004
1175	38	4	35	1	37	4	34	1295.8604	-0.0005
1176	5	5	1	1	6	5	2	1264.4181	-0.0003
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1178	5	5	0	1	5	5	1	1269.2727	0.0000
1179	5	5	1	1	5	5	0	1269.2727	0.0000
1180	5	5	0	1	5	4	1	1301.5838	-0.0004
1181	5	5	1	1	5	4	2	1301.5838	-0.0004
1182	5	5	1	1	4	4	0	1305.6297	-0.0001
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1184	6	5	2	1	7	5	3	1263.5925	0.0000
1185	6	5	1	1	7	5	2	1263.5925	0.0000
1186	6	5	2	1	6	5	1	1269.2549	-0.0006
1187	6	5	1	1	6	5	2	1269.2549	-0.0006
1188	6	5	2	1	6	4	3	1301.5669	0.0004
1189	6	5	1	1	6	4	2	1301.5669	0.0004

1190	6	5	1	1	5	4	2	1306.4213	0.0000
1191	6	5	2	1	5	4	1	1306.4213	0.0000
1192	7	5	2	1	8	5	3	1262.7639	0.0001
1193	7	5	3	1	8	5	4	1262.7639	0.0001
1194	7	5	2	1	7	5	3	1269.2355	-0.0002
1195	7	5	3	1	7	5	2	1269.2355	-0.0002
1196	7	5	2	1	6	5	1	1274.8987	-0.0000
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1202	8	5	4	1	9	5	5	1261.9333	0.0008
1203	8	5	3	1	9	5	4	1261.9333	0.0008
1204	8	5	4	1	8	5	3	1269.2123	-0.0007
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1206	8	5	3	1	7	5	2	1275.6848	-0.0000
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1216	9	5	4	1	8	5	3	1276.4684	0.0002
1217	9	5	5	1	8	5	4	1276.4684	0.0002
1218	9	5	5	1	9	4	6	1301.4963	-0.0000
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1222	10	5	5	1	11	5	6	1260.2618	-0.0001
1223	10	5	6	1	11	5	7	1260.2618	-0.0001
1224	10	5	6	1	10	5	5	1269.1595	-0.0001

1225	10	5	5	1	10	5	6	1269.1595	-0.0001
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1239	11	5	7	1	11	4	8	1301.4354	-0.0001
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1243	12	5	8	1	13	5	9	1258.5814	0.0000
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1245	12	5	8	1	12	5	7	1269.0960	0.0003
1246	12	5	8	1	11	5	7	1278.8017	0.0000
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1252	13	5	9	1	14	5	10	1257.7374	-0.0000
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1274	15	5	11	1	15	5	10	1268.9807	-0.0002
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1276	15	5	11	1	14	5	10	1281.1112	-0.0000
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1283	16	5	12	1	17	5	13	1255.1911	-0.0010
1284	16	5	11	1	17	5	12	1255.1911	-0.0010
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1287	16	5	12	1	15	5	11	1281.8757	-0.0003
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1322	20	5	15	1	21	5	16	1251.7701	0.0005
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1326	20	5	16	1	19	5	15	1284.9114	0.0000
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1332	21	5	16	1	22	5	17	1250.9093	-0.0001
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1334	21	5	16	1	20	5	15	1285.6641	-0.0005
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1336	21	5	17	1	21	4	18	1300.9775	-0.0004
1337	21	5	16	1	21	4	17	1300.9775	-0.0003
1338	21	5	17	1	20	4	16	1317.9546	-0.0001
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1340	22	5	18	1	23	5	19	1250.0475	-0.0002
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1344	22	5	17	1	21	5	16	1286.4159	0.0001
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1352	23	5	19	1	22	5	18	1287.1649	-0.0002
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1447	6	6	1	1	6	6	0	1269.5023	0.0000
1448	6	6	1	1	6	5	2	1308.9812	-0.0002
1449	6	6	0	1	6	5	1	1308.9812	-0.0002
1450	6	6	1	1	5	5	0	1313.8356	0.0000
1451	6	6	0	1	5	5	1	1313.8356	0.0000
1452	7	6	2	1	8	6	3	1263.0102	-0.0001
1453	7	6	1	1	8	6	2	1263.0102	-0.0001
1454	7	6	1	1	7	6	2	1269.4815	0.0003
1455	7	6	2	1	7	6	1	1269.4815	0.0003
1456	7	6	2	1	6	6	1	1275.1436	0.0001
1457	7	6	1	1	6	6	0	1275.1436	0.0001
1458	7	6	2	1	7	5	3	1308.9590	-0.0006
1459	7	6	1	1	7	5	2	1308.9590	-0.0006
1460	7	6	1	1	6	5	2	1314.6226	-0.0001
1461	7	6	2	1	6	5	1	1314.6226	-0.0001
1462	8	6	2	1	9	6	3	1262.1777	-0.0002
1463	8	6	3	1	9	6	4	1262.1777	-0.0002
1464	8	6	2	1	8	6	3	1269.4572	-0.0002
1465	8	6	3	1	8	6	2	1269.4572	-0.0002
1466	8	6	3	1	7	6	2	1275.9282	-0.0001
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1468	8	6	2	1	8	5	3	1308.9342	-0.0006
1469	8	6	3	1	8	5	4	1308.9342	-0.0006

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1471	8	6	3	1	7	5	2	1315.4068	0.0002
1472	9	6	3	1	10	6	4	1261.3422	-0.0004
1473	9	6	4	1	10	6	5	1261.3422	-0.0004
1474	9	6	3	1	9	6	4	1269.4305	-0.0001
1475	9	6	4	1	9	6	3	1269.4305	-0.0001
1476	9	6	4	1	8	6	3	1276.7097	-0.0004
1477	9	6	3	1	8	6	2	1276.7097	-0.0004
1478	9	6	3	1	9	5	4	1308.9068	-0.0001
1479	9	6	4	1	9	5	5	1308.9068	-0.0001
1480	9	6	4	1	8	5	3	1316.1875	-0.0001
1481	9	6	3	1	8	5	4	1316.1875	-0.0001
1482	10	6	5	1	11	6	6	1260.5035	-0.0011
1483	10	6	4	1	11	6	5	1260.5035	-0.0011
1484	10	6	4	1	10	6	5	1269.4014	0.0005
1485	10	6	5	1	10	6	4	1269.4014	0.0005
1486	10	6	4	1	9	6	3	1277.4891	0.0002
1487	10	6	5	1	9	6	4	1277.4891	0.0002
1488	10	6	4	1	10	5	5	1308.8765	0.0003
1489	10	6	5	1	10	5	6	1308.8765	0.0003
1490	10	6	4	1	9	5	5	1316.9647	-0.0006
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1492	11	6	5	1	12	6	6	1259.6637	-0.0001
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1502	12	6	7	1	13	6	8	1258.8208	0.0004
1503	12	6	6	1	13	6	7	1258.8208	0.0004
1504	12	6	6	1	12	6	7	1269.3328	-0.0003

1505	12	6	7	1	12	6	6	1269.3328	-0.0003
1506	12	6	6	1	11	6	5	1279.0377	-0.0000
1507	12	6	7	1	11	6	6	1279.0377	-0.0000
1508	12	6	6	1	12	5	7	1308.8053	-0.0003
1509	12	6	7	1	12	5	8	1308.8053	-0.0003
1510	12	6	6	1	11	5	7	1318.5116	-0.0001
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1512	13	6	8	1	14	6	9	1257.9734	-0.0009
1513	13	6	7	1	14	6	8	1257.9734	-0.0009
1514	13	6	7	1	13	6	8	1269.2956	0.0005
1515	13	6	8	1	13	6	7	1269.2956	0.0005
1516	13	6	8	1	12	6	7	1279.8075	-0.0003
1517	13	6	7	1	12	6	6	1279.8075	-0.0003
1518	13	6	8	1	14	5	9	1297.4439	0.0002
1519	13	6	7	1	13	5	8	1308.7661	0.0000
1520	13	6	8	1	13	5	9	1308.7661	0.0000
1521	13	6	8	1	12	5	7	1319.2802	-0.0001
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1523	14	6	9	1	15	6	10	1257.1253	-0.0005
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1525	14	6	8	1	13	6	7	1280.5748	-0.0002
1526	14	6	9	1	13	6	8	1280.5748	-0.0002
1527	14	6	8	1	14	5	9	1308.7236	0.0000
1528	14	6	9	1	14	5	10	1308.7236	0.0000
1529	14	6	8	1	13	5	9	1320.0459	-0.0001
1530	14	6	9	1	13	5	8	1320.0459	-0.0001
1531	15	6	10	1	16	6	11	1256.2758	0.0012
1532	15	6	9	1	16	6	10	1256.2758	0.0012
1533	15	6	9	1	14	6	8	1281.3395	0.0001
1534	15	6	10	1	14	6	9	1281.3395	0.0001
1535	15	6	10	1	16	5	11	1295.7398	-0.0005
1536	15	6	10	1	15	5	11	1308.6780	-0.0004
1537	15	6	9	1	15	5	10	1308.6780	-0.0004
1538	15	6	10	1	14	5	9	1320.8085	-0.0001
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1540	16	6	10	1	17	6	11	1255.4210	-0.0001
1541	16	6	11	1	17	6	12	1255.4210	-0.0001
1542	16	6	11	1	15	6	10	1282.1000	-0.0009
1543	16	6	10	1	15	6	9	1282.1000	-0.0009
1544	16	6	11	1	17	5	12	1294.8841	-0.0005
1545	16	6	11	1	16	5	12	1308.6305	0.0002
1546	16	6	10	1	16	5	11	1308.6305	0.0002
1547	16	6	10	1	15	5	11	1321.5681	-0.0004
1548	16	6	11	1	15	5	10	1321.5681	-0.0004
1549	17	6	11	1	18	6	12	1254.5646	-0.0006
1550	17	6	12	1	18	6	13	1254.5646	-0.0006
1551	17	6	11	1	17	6	12	1269.1170	0.0009
1552	17	6	12	1	17	6	11	1269.1170	0.0009
1553	17	6	12	1	16	6	11	1282.8596	-0.0002
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1555	17	6	11	1	17	5	12	1308.5798	0.0001
1556	17	6	12	1	17	5	13	1308.5798	0.0001
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1559	18	6	13	1	19	6	14	1253.7067	-0.0003
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1567	19	6	14	1	20	6	15	1252.8461	-0.0005
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1569	19	6	14	1	18	6	13	1284.3694	-0.0002
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1573	19	6	14	1	18	5	13	1323.8307	-0.0000
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1575	20	6	15	1	21	6	16	1251.9836	-0.0005
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1577	20	6	14	1	19	6	13	1285.1204	-0.0001
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1579	20	6	14	1	20	5	15	1308.4115	-0.0003
1580	20	6	15	1	20	5	16	1308.4115	-0.0003
1581	20	6	15	1	19	5	14	1324.5793	-0.0000
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1583	21	6	15	1	22	6	16	1251.1194	-0.0000
1584	21	6	16	1	22	6	17	1251.1194	-0.0000
1585	21	6	16	1	20	6	15	1285.8684	-0.0006
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1587	21	6	16	1	22	5	17	1290.5700	0.0000
1588	21	6	15	1	21	5	16	1308.3505	-0.0004
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1590	21	6	16	1	20	5	15	1325.3253	0.0001
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1592	22	6	17	1	23	6	18	1250.2524	-0.0004
1593	22	6	16	1	23	6	17	1250.2524	-0.0004
1594	22	6	17	1	21	6	16	1286.6148	-0.0001
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1598	22	6	17	1	21	5	16	1326.0683	-0.0001
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1604	23	6	18	1	23	5	19	1308.2217	-0.0003
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1606	23	6	18	1	22	5	17	1326.8085	-0.0006
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1608	24	6	18	1	25	6	19	1248.5130	-0.0011
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1610	24	6	18	1	23	6	17	1288.0996	-0.0003
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1612	24	6	18	1	24	5	19	1308.1535	-0.0005
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1616	25	6	19	1	26	6	20	1247.6418	-0.0004
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1618	25	6	20	1	24	6	19	1288.8389	-0.0001
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1620	25	6	20	1	25	5	21	1308.0839	-0.0002
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1624	26	6	20	1	27	6	21	1246.7686	-0.0002
1625	26	6	21	1	27	6	22	1246.7686	-0.0002
1626	26	6	20	1	25	6	19	1289.5760	-0.0001
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1632	27	6	21	1	28	6	22	1245.8931	-0.0007
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1636	27	6	22	1	27	5	23	1307.9379	-0.0002
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1638	27	6	21	1	26	5	22	1329.7482	0.0001
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1642	28	6	22	1	27	6	21	1291.0439	-0.0001
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1644	28	6	22	1	28	5	23	1307.8621	-0.0000

1645	28	6	23	1	28	5	24	1307.8621	-0.0000
1646	28	6	22	1	27	5	23	1330.4770	-0.0002
1647	28	6	23	1	27	5	22	1330.4770	-0.0002
1648	29	6	24	1	30	6	25	1244.1398	-0.0002
1649	29	6	23	1	30	6	24	1244.1398	-0.0002
1650	29	6	24	1	28	6	23	1291.7750	-0.0000
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1652	29	6	24	1	29	5	25	1307.7843	-0.0003
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1656	30	6	25	1	31	6	26	1243.2624	0.0009
1657	30	6	24	1	31	6	25	1243.2624	0.0009
1658	30	6	25	1	29	6	24	1292.5043	-0.0002
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1660	30	6	24	1	30	5	25	1307.7047	-0.0006
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1662	30	6	25	1	29	5	24	1331.9294	0.0000
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1664	31	6	26	1	32	6	27	1242.3819	0.0000
1665	31	6	25	1	32	6	26	1242.3819	0.0000
1666	31	6	25	1	30	6	24	1293.2321	-0.0001
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1670	31	6	25	1	30	5	26	1332.6526	-0.0001
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1680	33	6	28	1	33	5	29	1307.4580	-0.0008
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1682	34	6	28	1	35	6	29	1239.7386	-0.0002
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1684	34	6	29	1	33	6	28	1295.4067	0.0000
1685	34	6	28	1	33	6	27	1295.4067	0.0000
1686	34	6	29	1	34	5	30	1307.3742	0.0002
1687	34	6	28	1	34	5	29	1307.3742	0.0002
1688	34	6	28	1	33	5	29	1334.8123	0.0001
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1701	36	6	30	1	35	6	29	1296.8505	0.0003
1702	36	6	30	1	35	5	31	1336.2442	-0.0004
1703	36	6	31	1	35	5	30	1336.2442	-0.0004
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1706	38	6	33	1	38	5	34	1307.0258	0.0002
1707	38	6	32	1	38	5	33	1307.0258	0.0003
1708	38	6	32	1	37	5	33	1337.6720	0.0000
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1710	39	6	33	1	38	5	34	1338.3848	0.0007
1711	39	6	34	1	38	5	33	1338.3848	0.0007
1712	40	6	34	1	39	5	35	1339.0959	0.0005
1713	40	6	35	1	39	5	34	1339.0959	0.0006
1714	41	6	35	1	40	5	36	1339.8066	0.0008

1715	41	6	36	1	40	5	35	1339.8066	0.0009
1716	7	7	1	1	8	7	2	1263.2662	-0.0002
1717	7	7	0	1	8	7	1	1263.2662	-0.0002
1718	7	7	0	1	7	7	1	1269.7360	-0.0003
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1720	7	7	0	1	7	6	1	1316.3758	0.0003
1721	7	7	1	1	7	6	2	1316.3758	0.0003
1722	7	7	1	1	6	6	0	1322.0376	-0.0001
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1724	8	7	1	1	8	7	2	1269.7114	0.0001
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1726	8	7	2	1	7	7	1	1276.1808	-0.0004
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1728	8	7	2	1	8	6	3	1316.3492	-0.0001
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1730	8	7	1	1	7	6	2	1322.8200	-0.0002
1731	8	7	2	1	7	6	1	1322.8200	-0.0002
1732	9	7	2	1	10	7	3	1261.5961	-0.0005
1733	9	7	3	1	10	7	4	1261.5961	-0.0005
1734	9	7	3	1	9	7	2	1269.6833	0.0001
1735	9	7	2	1	9	7	3	1269.6833	0.0001
1736	9	7	3	1	8	7	2	1276.9611	-0.0004
1737	9	7	2	1	8	7	1	1276.9611	-0.0004
1738	9	7	2	1	9	6	3	1316.3203	0.0002
1739	9	7	3	1	9	6	4	1316.3203	0.0002
1740	9	7	2	1	8	6	3	1323.5995	-0.0001
1741	9	7	3	1	8	6	2	1323.5995	-0.0001
1742	10	7	4	1	11	7	5	1260.7570	-0.0001
1743	10	7	3	1	11	7	4	1260.7570	-0.0001
1744	10	7	3	1	10	7	4	1269.6522	0.0002
1745	10	7	4	1	10	7	3	1269.6522	0.0002
1746	10	7	3	1	9	7	2	1277.7381	-0.0006
1747	10	7	4	1	9	7	3	1277.7381	-0.0006
1748	10	7	4	1	10	6	5	1316.2875	-0.0001
1749	10	7	3	1	10	6	4	1316.2875	-0.0001

1750	10	7	4	1	9	6	3	1324.3752	-0.0003
1751	10	7	3	1	9	6	4	1324.3752	-0.0003
1752	11	7	5	1	12	7	6	1259.9151	0.0002
1753	11	7	4	1	12	7	5	1259.9151	0.0002
1754	11	7	5	1	11	7	4	1269.6178	-0.0001
1755	11	7	4	1	11	7	5	1269.6178	-0.0001
1756	11	7	5	1	10	7	4	1278.5126	-0.0002
1757	11	7	4	1	10	7	3	1278.5126	-0.0002
1758	11	7	4	1	11	6	5	1316.2512	-0.0006
1759	11	7	5	1	11	6	6	1316.2512	-0.0006
1760	11	7	5	1	10	6	4	1325.1483	0.0000
1761	11	7	4	1	10	6	5	1325.1483	0.0000
1762	12	7	5	1	13	7	6	1259.0694	-0.0003
1763	12	7	6	1	13	7	7	1259.0694	-0.0003
1764	12	7	5	1	12	7	6	1269.5807	0.0000
1765	12	7	6	1	12	7	5	1269.5807	0.0000
1766	12	7	6	1	11	7	5	1279.2837	-0.0000
1767	12	7	5	1	11	7	4	1279.2837	-0.0000
1768	12	7	5	1	12	6	6	1316.2130	-0.0001
1769	12	7	6	1	12	6	7	1316.2130	-0.0001
1770	12	7	6	1	11	6	5	1325.9175	-0.0002
1771	12	7	5	1	11	6	6	1325.9175	-0.0002
1772	13	7	6	1	14	7	7	1258.2213	-0.0005
1773	13	7	7	1	14	7	8	1258.2213	-0.0005
1774	13	7	6	1	13	7	7	1269.5404	-0.0002
1775	13	7	7	1	13	7	6	1269.5404	-0.0002
1776	13	7	6	1	12	7	5	1280.0523	0.0007
1777	13	7	7	1	12	7	6	1280.0523	0.0007
1778	13	7	6	1	13	6	7	1316.1710	-0.0003
1779	13	7	7	1	13	6	8	1316.1710	-0.0003
1780	13	7	7	1	12	6	6	1326.6838	-0.0002
1781	13	7	6	1	12	6	7	1326.6838	-0.0002
1782	14	7	8	1	15	7	9	1257.3708	-0.0004
1783	14	7	7	1	15	7	8	1257.3708	-0.0004
1784	14	7	7	1	13	7	6	1280.8161	-0.0003

1785	14	7	8	1	13	7	7	1280.8161	-0.0003
1786	14	7	7	1	14	6	8	1316.1259	-0.0005
1787	14	7	8	1	14	6	9	1316.1259	-0.0005
1788	14	7	7	1	13	6	8	1327.4468	-0.0003
1789	14	7	8	1	13	6	7	1327.4468	-0.0003
1790	15	7	8	1	16	7	9	1256.5174	-0.0003
1791	15	7	9	1	16	7	10	1256.5174	-0.0003
1792	15	7	9	1	14	7	8	1281.5782	0.0000
1793	15	7	8	1	14	7	7	1281.5782	0.0000
1794	15	7	9	1	15	6	10	1316.0784	-0.0000
1795	15	7	8	1	15	6	9	1316.0784	-0.0000
1796	15	7	8	1	14	6	9	1328.2071	0.0002
1797	15	7	9	1	14	6	8	1328.2071	0.0002
1798	16	7	9	1	17	7	10	1255.6609	-0.0009
1799	16	7	10	1	17	7	11	1255.6609	-0.0009
1800	16	7	9	1	15	7	8	1282.3368	-0.0002
1801	16	7	10	1	15	7	9	1282.3368	-0.0002
1802	16	7	10	1	16	6	11	1316.0272	-0.0002
1803	16	7	9	1	16	6	10	1316.0272	-0.0002
1804	16	7	9	1	15	6	10	1328.9635	-0.0001
1805	16	7	10	1	15	6	9	1328.9635	-0.0001
1806	17	7	10	1	18	7	11	1254.8029	-0.0001
1807	17	7	11	1	18	7	12	1254.8029	-0.0001
1808	17	7	10	1	17	7	11	1269.3514	-0.0001
1809	17	7	11	1	17	7	10	1269.3514	-0.0001
1810	17	7	10	1	16	7	9	1283.0925	-0.0003
1811	17	7	11	1	16	7	10	1283.0925	-0.0003
1812	17	7	10	1	17	6	11	1315.9736	0.0001
1813	17	7	11	1	17	6	12	1315.9736	0.0001
1814	17	7	10	1	16	6	11	1329.7167	-0.0005
1815	17	7	11	1	16	6	10	1329.7167	-0.0005
1816	18	7	11	1	19	7	12	1253.9418	-0.0001
1817	18	7	12	1	19	7	13	1253.9418	-0.0001
1818	18	7	11	1	17	7	10	1283.8452	-0.0004
1819	18	7	12	1	17	7	11	1283.8452	-0.0004

1820	18	7	11	1	18	6	12	1315.9166	-0.0002
1821	18	7	12	1	18	6	13	1315.9166	-0.0002
1822	18	7	11	1	17	6	12	1330.4675	-0.0002
1823	18	7	12	1	17	6	11	1330.4675	-0.0002
1824	19	7	13	1	20	7	14	1253.0778	-0.0004
1825	19	7	12	1	20	7	13	1253.0778	-0.0004
1826	19	7	12	1	18	7	11	1284.5954	-0.0002
1827	19	7	13	1	18	7	12	1284.5954	-0.0002
1828	19	7	13	1	19	6	14	1315.8569	-0.0003
1829	19	7	12	1	19	6	13	1315.8569	-0.0003
1830	19	7	13	1	18	6	12	1331.2149	-0.0002
1831	19	7	12	1	18	6	13	1331.2149	-0.0002
1832	20	7	14	1	21	7	15	1252.2118	-0.0003
1833	20	7	13	1	21	7	14	1252.2118	-0.0003
1834	20	7	13	1	20	7	14	1269.1802	-0.0005
1835	20	7	14	1	20	7	13	1269.1802	-0.0005
1836	20	7	13	1	19	7	12	1285.3425	-0.0003
1837	20	7	14	1	19	7	13	1285.3425	-0.0003
1838	20	7	14	1	20	6	15	1315.7946	-0.0002
1839	20	7	13	1	20	6	14	1315.7946	-0.0002
1840	20	7	14	1	19	6	13	1331.9591	-0.0005
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1842	21	7	15	1	22	7	16	1251.3431	-0.0006
1843	21	7	14	1	22	7	15	1251.3431	-0.0006
1844	21	7	14	1	20	7	13	1286.0867	-0.0004
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1846	21	7	14	1	21	6	15	1315.7294	-0.0002
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1848	21	7	15	1	20	6	14	1332.7011	0.0000
1849	21	7	14	1	20	6	15	1332.7011	0.0000
1850	22	7	16	1	23	7	17	1250.4734	0.0003
1851	22	7	15	1	23	7	16	1250.4734	0.0003
1852	22	7	15	1	22	7	16	1269.0532	-0.0007
1853	22	7	16	1	22	7	15	1269.0532	-0.0007
1854	22	7	16	1	21	7	15	1286.8280	-0.0006

1855	22	7	15	1	21	7	14	1286.8280	-0.0006
1856	22	7	15	1	22	6	16	1315.6614	-0.0003
1857	22	7	16	1	22	6	17	1315.6614	-0.0003
1858	22	7	15	1	21	6	16	1333.4395	-0.0002
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1860	23	7	17	1	24	7	18	1249.5996	-0.0005
1861	23	7	16	1	24	7	17	1249.5996	-0.0005
1862	23	7	16	1	22	7	15	1287.5678	0.0003
1863	23	7	17	1	22	7	16	1287.5678	0.0003
1864	23	7	17	1	23	6	18	1315.5911	-0.0002
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1866	23	7	17	1	22	6	16	1334.1751	-0.0004
1867	23	7	16	1	22	6	17	1334.1751	-0.0004
1868	24	7	18	1	25	7	19	1248.7247	-0.0005
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1870	24	7	18	1	23	7	17	1288.3036	-0.0002
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1872	24	7	17	1	24	6	18	1315.5180	-0.0003
1873	24	7	18	1	24	6	19	1315.5180	-0.0003
1874	24	7	18	1	23	6	17	1334.9081	-0.0003
1875	24	7	17	1	23	6	18	1334.9081	-0.0003
1876	25	7	18	1	26	7	19	1247.8483	0.0001
1877	25	7	19	1	26	7	20	1247.8483	0.0001
1878	25	7	19	1	24	7	18	1289.0372	-0.0002
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1880	25	7	18	1	25	6	19	1315.4426	-0.0002
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1882	25	7	19	1	24	6	18	1335.6380	-0.0005
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1884	26	7	20	1	27	7	21	1246.9690	-0.0002
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1886	26	7	20	1	25	7	19	1289.7684	-0.0002
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1888	26	7	19	1	26	6	20	1315.3647	-0.0002
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1890	26	7	19	1	25	6	20	1336.3642	-0.0018
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1893	27	7	21	1	28	7	22	1246.0885	0.0001
1894	27	7	21	1	26	7	20	1290.4971	-0.0002
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1898	27	7	20	1	26	6	21	1337.0908	-0.0001
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1900	28	7	21	1	27	7	20	1291.2235	-0.0002
1901	28	7	22	1	27	7	21	1291.2235	-0.0002
1902	28	7	21	1	28	6	22	1315.2018	-0.0004
1903	28	7	22	1	28	6	23	1315.2018	-0.0004
1904	28	7	22	1	27	6	21	1337.8131	-0.0000
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1906	29	7	23	1	30	7	24	1244.3216	-0.0002
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1908	29	7	23	1	28	7	22	1291.9476	-0.0001
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1910	29	7	23	1	29	6	24	1315.1179	0.0003
1911	29	7	22	1	29	6	23	1315.1179	0.0003
1912	29	7	22	1	28	6	23	1338.5329	-0.0001
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1914	30	7	23	1	31	7	24	1243.4365	0.0004
1915	30	7	24	1	31	7	25	1243.4365	0.0004
1916	30	7	24	1	29	7	23	1292.6697	0.0001
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1918	30	7	23	1	30	6	24	1315.0306	-0.0003
1919	30	7	24	1	30	6	25	1315.0306	-0.0003
1920	30	7	24	1	29	6	23	1339.2510	0.0005
1921	30	7	23	1	29	6	24	1339.2510	0.0005
1922	31	7	25	1	32	7	26	1242.5491	0.0001
1923	31	7	24	1	32	7	25	1242.5491	0.0001
1924	31	7	24	1	30	6	25	1339.9651	-0.0005

1925	31	7	25	1	30	6	24	1339.9651	-0.0005
1926	32	7	26	1	33	7	27	1241.6606	0.0000
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1928	32	7	26	1	32	6	27	1314.8519	0.0002
1929	32	7	25	1	32	6	26	1314.8519	0.0002
1930	32	7	25	1	31	6	26	1340.6786	0.0001
1931	32	7	26	1	31	6	25	1340.6786	0.0001
1932	33	7	27	1	34	7	28	1240.7706	-0.0003
1933	33	7	26	1	34	7	27	1240.7706	-0.0003
1934	33	7	26	1	32	7	25	1294.8230	-0.0000
1935	33	7	27	1	32	7	26	1294.8230	-0.0000
1936	33	7	27	1	33	6	28	1314.7592	-0.0001
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1938	33	7	27	1	32	6	26	1341.3896	0.0002
1939	33	7	26	1	32	6	27	1341.3896	0.0002
1940	34	7	28	1	35	7	29	1239.8803	0.0000
1941	34	7	27	1	35	7	28	1239.8803	0.0000
1942	34	7	27	1	33	7	26	1295.5374	0.0004
1943	34	7	28	1	33	7	27	1295.5374	0.0004
1944	34	7	28	1	34	6	29	1314.6657	0.0004
1945	34	7	27	1	34	6	28	1314.6657	0.0004
1946	34	7	27	1	33	6	28	1342.0993	0.0012
1947	34	7	28	1	33	6	27	1342.0993	0.0012
1948	35	7	28	1	36	7	29	1238.9890	0.0004
1949	35	7	29	1	36	7	30	1238.9890	0.0004
1950	35	7	29	1	34	7	28	1296.2492	-0.0001
1951	35	7	28	1	34	7	27	1296.2492	-0.0001
1952	35	7	28	1	35	6	29	1314.5702	0.0003
1953	35	7	29	1	35	6	30	1314.5702	0.0003
1954	35	7	28	1	34	6	29	1342.8054	0.0004
1955	35	7	29	1	34	6	28	1342.8054	0.0004
1956	36	7	30	1	37	7	31	1238.0960	-0.0001
1957	36	7	29	1	37	7	30	1238.0960	-0.0001
1958	36	7	30	1	35	7	29	1296.9605	0.0005
1959	36	7	29	1	35	7	28	1296.9605	0.0005

1960	36	7	29	1	36	6	30	1314.4729	0.0001
1961	36	7	30	1	36	6	31	1314.4729	0.0001
1962	37	7	30	1	36	7	29	1297.6698	0.0006
1963	37	7	31	1	36	7	30	1297.6698	0.0006
1964	37	7	30	1	37	6	31	1314.3751	0.0006
1965	37	7	31	1	37	6	32	1314.3751	0.0006
1966	37	7	31	1	36	6	30	1344.2133	0.0001
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1968	38	7	31	1	39	7	32	1236.3096	0.0002
1969	38	7	32	1	39	7	33	1236.3096	0.0002
1970	38	7	31	1	37	7	30	1298.3778	0.0009
1971	38	7	32	1	37	7	31	1298.3778	0.0009
1972	38	7	31	1	38	6	32	1314.2759	0.0008
1973	38	7	32	1	38	6	33	1314.2759	0.0008
1974	38	7	32	1	37	6	31	1344.9154	0.0005
1975	38	7	31	1	37	6	32	1344.9154	0.0005
1976	39	7	33	1	40	7	34	1235.4159	0.0005
1977	39	7	32	1	40	7	33	1235.4159	0.0005
1978	39	7	32	1	38	7	31	1299.0841	0.0007
1979	39	7	33	1	38	7	32	1299.0841	0.0007
1980	39	7	32	1	38	6	33	1345.6155	0.0004
1981	39	7	33	1	38	6	32	1345.6155	0.0004
1982	40	7	33	1	40	6	34	1314.0742	0.0013
1983	40	7	34	1	40	6	35	1314.0742	0.0013
1984	41	7	34	1	41	6	35	1313.9713	0.0007
1985	41	7	35	1	41	6	36	1313.9713	0.0007
1986	42	7	35	1	41	6	36	1347.7090	0.0013
1987	42	7	36	1	41	6	35	1347.7090	0.0013
1988	8	8	1	1	8	8	0	1269.9783	-0.0001
1989	8	8	0	1	8	8	1	1269.9783	-0.0001
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1991	8	8	0	1	7	7	1	1330.2383	-0.0001
1992	9	8	1	1	10	8	2	1261.8638	-0.0001
1993	9	8	2	1	10	8	3	1261.8638	-0.0001
1994	9	8	2	1	9	8	1	1269.9490	-0.0000

1995	9	8	1	1	9	8	2	1269.9490	-0.0000
1996	9	8	2	1	8	8	1	1277.2254	-0.0006
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1998	9	8	1	1	9	7	2	1323.7380	0.0002
1999	9	8	2	1	9	7	3	1323.7380	0.0002
2000	9	8	2	1	8	7	1	1331.0160	-0.0001
2001	9	8	1	1	8	7	2	1331.0160	-0.0001
2002	10	8	2	1	11	8	3	1261.0233	-0.0000
2003	10	8	3	1	11	8	4	1261.0233	-0.0000
2004	10	8	3	1	10	8	2	1269.9163	-0.0002
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2006	10	8	3	1	10	7	4	1323.7040	0.0004
2007	10	8	2	1	10	7	3	1323.7040	0.0004
2008	10	8	2	1	9	7	3	1331.7906	0.0003
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2010	11	8	3	1	12	8	4	1260.1795	-0.0000
2011	11	8	4	1	12	8	5	1260.1795	-0.0000
2012	11	8	3	1	11	8	4	1269.8807	0.0000
2013	11	8	4	1	11	8	3	1269.8807	0.0000
2014	11	8	4	1	11	7	5	1323.6662	-0.0000
2015	11	8	3	1	11	7	4	1323.6662	-0.0000
2016	11	8	4	1	10	7	3	1332.5612	0.0001
2017	11	8	3	1	10	7	4	1332.5612	0.0001
2018	12	8	4	1	13	8	5	1259.3327	-0.0001
2019	12	8	5	1	13	8	6	1259.3327	-0.0001
2020	12	8	5	1	12	8	4	1269.8417	-0.0001
2021	12	8	4	1	12	8	5	1269.8417	-0.0001
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2027	12	8	5	1	11	7	4	1333.3282	-0.0003
2028	13	8	6	1	14	8	7	1258.4828	-0.0003
2029	13	8	5	1	14	8	6	1258.4828	-0.0003

2030	13	8	5	1	13	8	6	1269.7994	-0.0004
2031	13	8	6	1	13	8	5	1269.7994	-0.0004
2032	13	8	6	1	12	8	5	1280.3084	-0.0003
2033	13	8	5	1	12	8	4	1280.3084	-0.0003
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2035	13	8	6	1	13	7	7	1323.5813	-0.0002
2036	13	8	5	1	12	7	6	1334.0929	0.0005
2037	13	8	6	1	12	7	5	1334.0929	0.0005
2038	14	8	7	1	15	8	8	1257.6303	-0.0002
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2040	14	8	6	1	14	8	7	1269.7548	0.0001
2041	14	8	7	1	14	8	6	1269.7548	0.0001
2042	14	8	7	1	14	7	8	1323.5339	-0.0002
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2045	14	8	7	1	13	7	6	1334.8530	0.0001
2046	15	8	7	1	16	8	8	1256.7749	-0.0000
2047	15	8	8	1	16	8	9	1256.7749	-0.0000
2048	15	8	8	1	14	8	7	1281.8301	-0.0005
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2050	15	8	7	1	15	7	8	1323.4836	-0.0000
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2052	15	8	8	1	14	7	7	1335.6100	-0.0001
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2062	17	8	10	1	18	8	11	1255.0552	-0.0002
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2064	17	8	10	1	17	8	9	1269.6010	-0.0001

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2066	17	8	10	1	16	8	9	1283.3392	-0.0004
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2068	17	8	10	1	17	7	11	1323.3728	-0.0003
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2070	17	8	10	1	16	7	9	1337.1145	0.0001
2071	17	8	9	1	16	7	10	1337.1145	0.0001
2072	18	8	10	1	19	8	11	1254.1914	-0.0001
2073	18	8	11	1	19	8	12	1254.1914	-0.0001
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2076	18	8	10	1	17	7	11	1337.8614	-0.0001
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2078	19	8	12	1	20	8	13	1253.3246	-0.0003
2079	19	8	11	1	20	8	12	1253.3246	-0.0003
2080	19	8	12	1	19	7	13	1323.2500	-0.0001
2081	19	8	11	1	19	7	12	1323.2500	-0.0001
2082	19	8	12	1	18	7	11	1338.6051	-0.0003
2083	19	8	11	1	18	7	12	1338.6051	-0.0003
2084	20	8	13	1	19	8	12	1285.5797	-0.0001
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2086	20	8	12	1	20	7	13	1323.1842	0.0003
2087	20	8	13	1	20	7	14	1323.1842	0.0003
2088	20	8	12	1	19	7	13	1339.3459	-0.0001
2089	20	8	13	1	19	7	12	1339.3459	-0.0001
2090	21	8	13	1	22	8	14	1251.5835	-0.0003
2091	21	8	14	1	22	8	15	1251.5835	-0.0003
2092	21	8	14	1	20	8	13	1286.3197	-0.0007
2093	21	8	13	1	20	8	12	1286.3197	-0.0007
2094	21	8	13	1	21	7	14	1323.1150	0.0002
2095	21	8	14	1	21	7	15	1323.1150	0.0002
2096	21	8	14	1	20	7	13	1340.0834	0.0000
2097	21	8	13	1	20	7	14	1340.0834	0.0000
2098	22	8	14	1	21	8	13	1287.0572	-0.0008
2099	22	8	15	1	21	8	14	1287.0572	-0.0008

2100	22	8	15	1	22	7	16	1323.0429	0.0000
2101	22	8	14	1	22	7	15	1323.0429	0.0000
2102	22	8	14	1	21	7	15	1340.8174	-0.0003
2103	22	8	15	1	21	7	14	1340.8174	-0.0003
2104	23	8	16	1	24	8	17	1249.8331	0.0003
2105	23	8	15	1	24	8	16	1249.8331	0.0003
2106	23	8	16	1	22	8	15	1287.7925	-0.0000
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2108	23	8	16	1	23	7	17	1322.9678	-0.0002
2109	23	8	15	1	23	7	16	1322.9678	-0.0002
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2112	24	8	17	1	23	8	16	1288.5241	-0.0001
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2116	24	8	17	1	23	7	16	1342.2769	0.0001
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2118	25	8	17	1	26	8	18	1248.0719	-0.0002
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2120	25	8	17	1	24	8	16	1289.2519	-0.0013
2121	25	8	18	1	24	8	17	1289.2519	-0.0013
2122	25	8	18	1	25	7	19	1322.8097	-0.0000
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2126	26	8	18	1	27	8	19	1247.1886	0.0002
2127	26	8	19	1	27	8	20	1247.1886	0.0002
2128	26	8	18	1	25	8	17	1289.9790	-0.0001
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2130	26	8	18	1	26	7	19	1322.7270	0.0004
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2134	27	8	19	1	28	8	20	1246.3023	-0.0002

2135	27	8	20	1	28	8	21	1246.3023	-0.0002
2136	27	8	19	1	26	8	18	1290.7023	-0.0001
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2138	27	8	20	1	27	7	21	1322.6407	-0.0000
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2140	27	8	20	1	26	7	19	1344.4428	0.0000
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2142	28	8	20	1	29	8	21	1245.4144	-0.0002
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2144	28	8	20	1	27	8	19	1291.4230	0.0001
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2146	28	8	21	1	28	7	22	1322.5521	-0.0001
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2150	29	8	21	1	30	8	22	1244.5248	0.0001
2151	29	8	22	1	30	8	23	1244.5248	0.0001
2152	29	8	21	1	28	8	20	1292.1411	0.0002
2153	29	8	22	1	28	8	21	1292.1411	0.0002
2154	29	8	22	1	29	7	23	1322.4606	-0.0007
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2156	29	8	21	1	28	7	22	1345.8726	0.0003
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2158	30	8	23	1	31	8	24	1243.6333	0.0004
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2160	30	8	22	1	29	8	21	1292.8566	0.0002
2161	30	8	23	1	29	8	22	1292.8566	0.0002
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2166	31	8	24	1	32	8	25	1242.7397	0.0004
2167	31	8	23	1	32	8	24	1242.7397	0.0004
2168	31	8	23	1	30	8	22	1293.5694	0.0002
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2171	31	8	23	1	31	7	24	1322.2726	0.0004
2172	31	8	24	1	30	7	23	1347.2912	0.0004
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2174	32	8	24	1	31	8	23	1294.2798	0.0002
2175	32	8	25	1	31	8	24	1294.2798	0.0002
2176	32	8	25	1	32	7	26	1322.1745	0.0002
2177	32	8	24	1	32	7	25	1322.1745	0.0002
2178	32	8	25	1	31	7	24	1347.9962	0.0001
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2180	33	8	25	1	34	8	26	1240.9470	-0.0001
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2184	33	8	26	1	33	7	27	1322.0749	0.0008
2185	33	8	25	1	33	7	26	1322.0749	0.0008
2186	33	8	25	1	32	7	26	1348.6991	0.0003
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2188	34	8	27	1	35	8	28	1240.0490	0.0003
2189	34	8	26	1	35	8	27	1240.0490	0.0003
2190	34	8	26	1	34	7	27	1321.9719	0.0001
2191	34	8	27	1	34	7	28	1321.9719	0.0001
2192	34	8	27	1	33	7	26	1349.3995	0.0003
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2194	35	8	27	1	36	8	28	1239.1495	0.0006
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2200	35	8	27	1	34	7	28	1350.0979	0.0008
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2202	36	8	29	1	37	8	30	1238.2486	0.0008
2203	36	8	28	1	37	8	29	1238.2486	0.0008
2204	36	8	29	1	35	8	28	1297.0996	0.0007

2205	36	8	28	1	35	8	27	1297.0996	0.0007
2206	36	8	29	1	36	7	30	1321.7625	0.0010
2207	36	8	28	1	36	7	29	1321.7625	0.0010
2208	36	8	28	1	35	7	29	1350.7932	0.0005
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2210	37	8	30	1	38	8	31	1237.3466	0.0010
2211	37	8	29	1	38	8	30	1237.3466	0.0010
2212	37	8	30	1	36	8	29	1297.7993	0.0007
2213	37	8	29	1	36	8	28	1297.7993	0.0007
2214	38	8	31	1	37	8	30	1298.4978	0.0014
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2216	38	8	30	1	38	7	31	1321.5450	0.0010
2217	38	8	31	1	38	7	32	1321.5450	0.0010
2218	38	8	31	1	37	7	30	1352.1780	0.0005
2219	38	8	30	1	37	7	31	1352.1780	0.0005
2220	39	8	31	1	38	7	32	1352.8679	0.0011
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2227	9	9	1	1	10	9	2	1262.1486	0.0008
2228	9	9	1	1	9	9	0	1270.2314	0.0002
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2231	9	9	1	1	8	8	0	1338.4392	0.0003
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2233	10	9	2	1	11	9	3	1261.3061	0.0002
2234	10	9	1	1	10	9	2	1270.1975	0.0003
2235	10	9	2	1	10	9	1	1270.1975	0.0003
2236	10	9	1	1	9	9	0	1278.2807	0.0001
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2242	11	9	2	1	12	9	3	1260.4606	-0.0001
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2248	11	9	3	1	11	8	4	1331.0883	0.0012
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2278	15	9	6	1	16	9	7	1257.0491	0.0001
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2300	17	9	8	1	16	8	9	1344.5178	-0.0001
2301	17	9	9	1	16	8	8	1344.5178	-0.0001
2302	18	9	10	1	19	9	11	1254.4577	-0.0006
2303	18	9	9	1	19	9	10	1254.4577	-0.0006
2304	18	9	10	1	18	9	9	1269.8067	-0.0006
2305	18	9	9	1	18	9	10	1269.8067	-0.0006
2306	18	9	10	1	17	9	9	1284.3498	0.0001
2307	18	9	9	1	17	9	8	1284.3498	0.0001
2308	18	9	10	1	18	8	11	1330.7163	0.0001
2309	18	9	9	1	18	8	10	1330.7163	0.0001

2310	18	9	9	1	17	8	10	1345.2617	-0.0001
2311	18	9	10	1	17	8	9	1345.2617	-0.0001
2312	19	9	10	1	18	9	9	1285.0933	0.0001
2313	19	9	11	1	18	9	10	1285.0933	0.0001
2314	19	9	11	1	19	8	12	1330.6499	0.0001
2315	19	9	10	1	19	8	11	1330.6499	0.0001
2316	19	9	11	1	18	8	10	1346.0024	0.0002
2317	19	9	10	1	18	8	11	1346.0024	0.0002
2318	20	9	11	1	21	9	12	1252.7161	-0.0006
2319	20	9	12	1	21	9	13	1252.7161	-0.0006
2320	20	9	12	1	19	9	11	1285.8334	-0.0001
2321	20	9	11	1	19	9	10	1285.8334	-0.0001
2322	20	9	11	1	20	8	12	1330.5796	-0.0006
2323	20	9	12	1	20	8	13	1330.5796	-0.0006
2324	20	9	11	1	19	8	12	1346.7389	-0.0002
2325	20	9	12	1	19	8	11	1346.7389	-0.0002
2326	21	9	13	1	22	9	14	1251.8421	0.0005
2327	21	9	12	1	22	9	13	1251.8421	0.0005
2328	21	9	13	1	20	9	12	1286.5714	0.0009
2329	21	9	12	1	20	9	11	1286.5714	0.0009
2330	21	9	12	1	21	8	13	1330.5079	0.0005
2331	21	9	13	1	21	8	14	1330.5079	0.0005
2332	21	9	13	1	20	8	12	1347.4728	0.0002
2333	21	9	12	1	20	8	13	1347.4728	0.0002
2334	22	9	13	1	23	9	14	1250.9639	0.0000
2335	22	9	14	1	23	9	15	1250.9639	0.0000
2336	22	9	13	1	22	8	14	1330.4314	0.0000
2337	22	9	14	1	22	8	15	1330.4314	0.0000
2338	22	9	13	1	21	8	14	1348.2028	0.0001
2339	22	9	14	1	21	8	13	1348.2028	0.0001
2340	23	9	14	1	24	9	15	1250.0834	-0.0000
2341	23	9	15	1	24	9	16	1250.0834	-0.0000
2342	23	9	15	1	22	9	14	1288.0347	-0.0002
2343	23	9	14	1	22	9	13	1288.0347	-0.0002
2344	23	9	15	1	23	8	16	1330.3520	-0.0002

2345	23	9	14	1	23	8	15	1330.3520	-0.0002
2346	23	9	14	1	22	8	15	1348.9293	-0.0001
2347	23	9	15	1	22	8	14	1348.9293	-0.0001
2348	24	9	16	1	25	9	17	1249.2012	0.0008
2349	24	9	15	1	25	9	16	1249.2012	0.0008
2350	24	9	15	1	23	9	14	1288.7619	-0.0005
2351	24	9	16	1	23	9	15	1288.7619	-0.0005
2352	24	9	15	1	24	8	16	1330.2696	-0.0004
2353	24	9	16	1	24	8	17	1330.2696	-0.0004
2354	24	9	15	1	23	8	16	1349.6526	-0.0001
2355	24	9	16	1	23	8	15	1349.6526	-0.0001
2356	25	9	16	1	24	9	15	1289.4863	-0.0003
2357	25	9	17	1	24	9	16	1289.4863	-0.0003
2358	25	9	16	1	25	8	17	1330.1851	0.0003
2359	25	9	17	1	25	8	18	1330.1851	0.0003
2360	25	9	17	1	24	8	16	1350.3731	0.0003
2361	25	9	16	1	24	8	17	1350.3731	0.0003
2362	26	9	18	1	25	9	17	1290.2082	0.0003
2363	26	9	17	1	25	9	16	1290.2082	0.0003
2364	26	9	17	1	26	8	18	1330.0970	0.0004
2365	26	9	18	1	26	8	19	1330.0970	0.0004
2366	26	9	17	1	25	8	18	1351.0891	-0.0005
2367	26	9	18	1	25	8	17	1351.0891	-0.0005
2368	27	9	19	1	28	9	20	1246.5358	-0.0004
2369	27	9	18	1	28	9	19	1246.5358	-0.0004
2370	27	9	18	1	26	9	17	1290.9261	-0.0002
2371	27	9	19	1	26	9	18	1290.9261	-0.0002
2372	27	9	19	1	27	8	20	1330.0055	0.0000
2373	27	9	18	1	27	8	19	1330.0055	0.0000
2374	27	9	19	1	26	8	18	1351.8030	-0.0001
2375	27	9	18	1	26	8	19	1351.8030	-0.0001
2376	28	9	19	1	29	9	20	1245.6431	-0.0003
2377	28	9	20	1	29	9	21	1245.6431	-0.0003
2378	28	9	20	1	27	9	19	1291.6414	-0.0001
2379	28	9	19	1	27	9	18	1291.6414	-0.0001

2380	28	9	19	1	28	8	20	1329.9115	0.0000
2381	28	9	20	1	28	8	21	1329.9115	0.0000
2382	28	9	20	1	27	8	19	1352.5130	-0.0006
2383	28	9	19	1	27	8	20	1352.5130	-0.0006
2384	29	9	20	1	30	9	21	1244.7484	0.0001
2385	29	9	21	1	30	9	22	1244.7484	0.0001
2386	29	9	20	1	28	9	19	1292.3539	0.0000
2387	29	9	21	1	28	9	20	1292.3539	0.0000
2388	29	9	20	1	29	8	21	1329.8153	0.0006
2389	29	9	21	1	29	8	22	1329.8153	0.0006
2390	29	9	21	1	28	8	20	1353.2207	-0.0002
2391	29	9	20	1	28	8	21	1353.2207	-0.0002
2392	30	9	22	1	29	9	21	1293.0633	-0.0001
2393	30	9	21	1	29	9	20	1293.0633	-0.0001
2394	31	9	22	1	32	9	23	1242.9519	0.0003
2395	31	9	23	1	32	9	24	1242.9519	0.0003
2396	31	9	23	1	30	9	22	1293.7702	0.0001
2397	31	9	22	1	30	9	21	1293.7702	0.0001
2398	31	9	22	1	31	8	23	1329.6125	-0.0005
2399	31	9	23	1	31	8	24	1329.6125	-0.0005
2400	31	9	22	1	30	8	23	1354.6261	-0.0004
2401	31	9	23	1	30	8	22	1354.6261	-0.0004
2402	32	9	23	1	33	9	24	1242.0507	0.0005
2403	32	9	24	1	33	9	25	1242.0507	0.0005
2404	32	9	24	1	31	9	23	1294.4739	-0.0001
2405	32	9	23	1	31	9	22	1294.4739	-0.0001
2406	32	9	23	1	32	8	24	1329.5088	0.0006
2407	32	9	24	1	32	8	25	1329.5088	0.0006
2408	32	9	23	1	31	8	24	1355.3250	0.0003
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2410	33	9	25	1	34	9	26	1241.1466	-0.0002
2411	33	9	24	1	34	9	25	1241.1466	-0.0002
2412	33	9	24	1	32	9	23	1295.1749	-0.0003
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2414	33	9	25	1	33	8	26	1329.4023	0.0014

2415	33	9	24	1	33	8	25	1329.4023	0.0014
2416	33	9	25	1	32	8	24	1356.0198	-0.0004
2417	33	9	24	1	32	8	25	1356.0198	-0.0004
2418	34	9	25	1	35	9	26	1240.2416	-0.0000
2419	34	9	26	1	35	9	27	1240.2416	-0.0000
2420	34	9	26	1	33	9	25	1295.8738	-0.0001
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2422	34	9	26	1	34	8	27	1329.2912	-0.0000
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2424	34	9	26	1	33	8	25	1356.7125	-0.0002
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2426	35	9	27	1	35	8	28	1329.1795	0.0004
2427	35	9	26	1	35	8	27	1329.1795	0.0004
2428	35	9	27	1	34	8	26	1357.4032	0.0006
2429	35	9	26	1	34	8	27	1357.4032	0.0006
2430	36	9	28	1	35	9	27	1297.2646	0.0010
2431	36	9	27	1	35	9	26	1297.2646	0.0010
2432	36	9	28	1	35	8	27	1358.0896	-0.0002
2433	36	9	27	1	35	8	28	1358.0896	-0.0002
2434	37	9	29	1	38	9	30	1237.5160	0.0002
2435	37	9	28	1	38	9	29	1237.5160	0.0002
2436	37	9	29	1	37	8	30	1328.9486	0.0005
2437	37	9	28	1	37	8	29	1328.9486	0.0005
2438	38	9	30	1	38	8	31	1328.8285	-0.0010
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2440	39	9	30	1	38	9	29	1299.3304	-0.0001
2441	39	9	31	1	38	9	30	1299.3304	-0.0001
2442	39	9	30	1	39	8	31	1328.7082	-0.0007
2443	39	9	31	1	39	8	32	1328.7082	-0.0007
2444	40	9	31	1	39	9	30	1300.0147	-0.0004
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2446	40	9	32	1	40	8	33	1328.5866	0.0003
2447	40	9	31	1	40	8	32	1328.5866	0.0003
2448	41	9	32	1	40	9	31	1300.6964	-0.0012
2449	10	10	1	1	10	10	0	1270.4970	0.0003

2450	10	10	0	1	10	10	1	1270.4970	0.0003
2451	10	10	0	1	9	9	1	1346.6408	0.0007
2452	10	10	1	1	9	9	0	1346.6408	0.0007
2453	11	10	1	1	11	10	2	1270.4578	-0.0000
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2455	11	10	2	1	11	9	3	1338.5169	0.0013
2456	11	10	1	1	11	9	2	1338.5169	0.0013
2457	11	10	1	1	10	9	2	1347.4074	0.0005
2458	11	10	2	1	10	9	1	1347.4074	0.0005
2459	12	10	3	1	12	10	2	1270.4157	0.0003
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2461	12	10	2	1	12	9	3	1338.4715	0.0006
2462	12	10	3	1	12	9	4	1338.4715	0.0006
2463	12	10	2	1	11	9	3	1348.1708	0.0008
2464	12	10	3	1	11	9	2	1348.1708	0.0008
2465	13	10	4	1	14	10	5	1259.0582	0.0002
2466	13	10	3	1	14	10	4	1259.0582	0.0002
2467	13	10	3	1	13	10	4	1270.3699	0.0004
2468	13	10	4	1	13	10	3	1270.3699	0.0004
2469	13	10	3	1	13	9	4	1338.4236	0.0011
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2471	13	10	4	1	12	9	3	1348.9293	0.0001
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2473	14	10	5	1	15	10	6	1258.2012	-0.0004
2474	14	10	4	1	15	10	5	1258.2012	-0.0004
2475	14	10	4	1	14	10	5	1270.3204	0.0002
2476	14	10	5	1	14	10	4	1270.3204	0.0002
2477	14	10	5	1	13	10	4	1281.6323	0.0006
2478	14	10	4	1	13	10	3	1281.6323	0.0006
2479	14	10	5	1	14	9	6	1338.3709	0.0004
2480	14	10	4	1	14	9	5	1338.3709	0.0004
2481	14	10	5	1	13	9	4	1349.6846	-0.0001
2482	14	10	4	1	13	9	5	1349.6846	-0.0001
2483	15	10	6	1	16	10	7	1257.3424	0.0005
2484	15	10	5	1	16	10	6	1257.3424	0.0005

2485	15	10	6	1	15	10	5	1270.2675	-0.0000
2486	15	10	5	1	15	10	6	1270.2675	-0.0000
2487	15	10	6	1	14	10	5	1282.3868	0.0006
2488	15	10	5	1	14	10	4	1282.3868	0.0006
2489	15	10	5	1	14	9	6	1350.4368	0.0004
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2491	16	10	6	1	16	10	7	1270.2116	0.0001
2492	16	10	7	1	16	10	6	1270.2116	0.0001
2493	16	10	6	1	15	9	7	1351.1848	0.0004
2494	16	10	7	1	15	9	6	1351.1848	0.0004
2495	17	10	7	1	17	10	8	1270.1522	0.0002
2496	17	10	8	1	17	10	7	1270.1522	0.0002
2497	17	10	8	1	16	10	7	1283.8846	0.0003
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2499	17	10	7	1	17	9	8	1338.1940	0.0010
2500	17	10	8	1	17	9	9	1338.1940	0.0010
2501	17	10	8	1	16	9	7	1351.9292	0.0005
2502	17	10	7	1	16	9	8	1351.9292	0.0005
2503	18	10	8	1	19	10	9	1254.7441	0.0001
2504	18	10	9	1	19	10	10	1254.7441	0.0001
2505	18	10	9	1	18	10	8	1270.0897	0.0004
2506	18	10	8	1	18	10	9	1270.0897	0.0004
2507	18	10	8	1	17	10	7	1284.6283	0.0000
2508	18	10	9	1	17	10	8	1284.6283	0.0000
2509	18	10	8	1	18	9	9	1338.1271	0.0003
2510	18	10	9	1	18	9	10	1338.1271	0.0003
2511	18	10	9	1	17	9	8	1352.6694	0.0001
2512	18	10	8	1	17	9	9	1352.6694	0.0001
2513	19	10	9	1	20	10	10	1253.8715	-0.0003
2514	19	10	10	1	20	10	11	1253.8715	-0.0003
2515	19	10	9	1	18	10	8	1285.3685	-0.0001
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2517	19	10	10	1	19	9	11	1338.0572	0.0001
2518	19	10	9	1	19	9	10	1338.0572	0.0001
2519	19	10	10	1	18	9	9	1353.4065	0.0004

2520	19	10	9	1	18	9	10	1353.4065	0.0004
2521	20	10	10	1	21	10	11	1252.9963	-0.0003
2522	20	10	11	1	21	10	12	1252.9963	-0.0003
2523	20	10	11	1	19	10	10	1286.1057	0.0002
2524	20	10	10	1	19	10	9	1286.1057	0.0002
2525	20	10	11	1	20	9	12	1337.9843	0.0004
2526	20	10	10	1	20	9	11	1337.9843	0.0004
2527	20	10	11	1	19	9	10	1354.1396	0.0003
2528	20	10	10	1	19	9	11	1354.1396	0.0003
2529	21	10	12	1	21	9	13	1337.9077	0.0003
2530	21	10	11	1	21	9	12	1337.9077	0.0003
2531	21	10	11	1	20	9	12	1354.8685	-0.0004
2532	21	10	12	1	20	9	11	1354.8685	-0.0004
2533	22	10	12	1	23	10	13	1251.2370	-0.0003
2534	22	10	13	1	23	10	14	1251.2370	-0.0003
2535	22	10	13	1	22	9	14	1337.8279	0.0005
2536	22	10	12	1	22	9	13	1337.8279	0.0005
2537	22	10	13	1	21	9	12	1355.5951	0.0003
2538	22	10	12	1	21	9	13	1355.5951	0.0003
2539	23	10	13	1	24	10	14	1250.3535	0.0001
2540	23	10	14	1	24	10	15	1250.3535	0.0001
2541	23	10	14	1	22	10	13	1288.2961	0.0005
2542	23	10	13	1	22	10	12	1288.2961	0.0005
2543	23	10	13	1	23	9	14	1337.7438	-0.0003
2544	23	10	14	1	23	9	15	1337.7438	-0.0003
2545	23	10	14	1	22	9	13	1356.3174	0.0003
2546	23	10	13	1	22	9	14	1356.3174	0.0003
2547	24	10	15	1	25	10	16	1249.4663	-0.0003
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2549	24	10	14	1	23	10	13	1289.0191	0.0002
2550	24	10	15	1	23	10	14	1289.0191	0.0002
2551	24	10	14	1	24	9	15	1337.6575	-0.0000
2552	24	10	15	1	24	9	16	1337.6575	-0.0000
2553	25	10	16	1	26	10	17	1248.5771	-0.0000
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2555	25	10	16	1	24	10	15	1289.7392	0.0003
2556	25	10	15	1	24	10	14	1289.7392	0.0003
2557	25	10	16	1	25	9	17	1337.5673	-0.0004
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2561	26	10	16	1	25	10	15	1290.4554	-0.0002
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2565	27	10	18	1	28	10	19	1246.7900	0.0000
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2567	27	10	18	1	26	10	17	1291.1691	0.0001
2568	27	10	17	1	26	10	16	1291.1691	0.0001
2569	27	10	17	1	27	9	18	1337.3784	-0.0001
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2571	28	10	19	1	27	10	18	1291.8793	0.0000
2572	28	10	18	1	27	10	17	1291.8793	0.0000
2573	28	10	18	1	28	9	19	1337.2792	0.0001
2574	28	10	19	1	28	9	20	1337.2792	0.0001
2575	28	10	18	1	27	9	19	1359.8757	-0.0005
2576	28	10	19	1	27	9	18	1359.8757	-0.0005
2577	29	10	19	1	30	10	20	1244.9925	0.0000
2578	29	10	20	1	30	10	21	1244.9925	0.0000
2579	29	10	20	1	28	10	19	1292.5870	0.0007
2580	29	10	19	1	28	10	18	1292.5870	0.0007
2581	29	10	20	1	29	9	21	1337.1768	0.0000
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2585	30	10	20	1	29	10	19	1293.2901	-0.0002
2586	30	10	21	1	29	10	20	1293.2901	-0.0002
2587	30	10	20	1	30	9	21	1337.0711	-0.0002
2588	30	10	21	1	30	9	22	1337.0711	-0.0002
2589	31	10	21	1	32	10	22	1243.1860	0.0008

2590	31	10	22	1	32	10	23	1243.1860	0.0008
2591	32	10	22	1	33	10	23	1242.2780	-0.0001
2592	32	10	23	1	33	10	24	1242.2780	-0.0001
2593	32	10	22	1	31	10	21	1294.6891	0.0002
2594	32	10	23	1	31	10	22	1294.6891	0.0002
2595	32	10	23	1	32	9	24	1336.8526	0.0008
2596	32	10	22	1	32	9	23	1336.8526	0.0008
2597	33	10	24	1	32	10	23	1295.3838	0.0000
2598	33	10	23	1	32	10	22	1295.3838	0.0000
2599	33	10	24	1	33	9	25	1336.7383	0.0006
2600	33	10	23	1	33	9	24	1336.7383	0.0006
2601	34	10	24	1	33	10	23	1296.0761	0.0004
2602	34	10	25	1	33	10	24	1296.0761	0.0004
2603	35	10	26	1	36	10	27	1239.5443	0.0005
2604	35	10	25	1	36	10	26	1239.5443	0.0005
2605	35	10	26	1	34	10	25	1296.7652	0.0004
2606	35	10	25	1	34	10	24	1296.7652	0.0004
2607	36	10	27	1	35	10	26	1297.4524	0.0012
2608	36	10	26	1	35	10	25	1297.4524	0.0012
2609	37	10	28	1	38	10	29	1237.7124	0.0016
2610	37	10	27	1	38	10	28	1237.7124	0.0016
2611	37	10	28	1	36	10	27	1298.1353	0.0006
2612	37	10	27	1	36	10	26	1298.1353	0.0006
2613	38	10	29	1	39	10	30	1236.7921	0.0005
2614	38	10	28	1	39	10	29	1236.7921	0.0005
2615	38	10	28	1	37	10	27	1298.8154	-0.0002
2616	38	10	29	1	37	10	28	1298.8154	-0.0002
2617	39	10	30	1	40	10	31	1235.8717	0.0010
2618	39	10	29	1	40	10	30	1235.8717	0.0010
2619	39	10	29	1	38	10	28	1299.4952	0.0013
2620	39	10	30	1	38	10	29	1299.4952	0.0013
2621	41	10	31	1	40	10	30	1300.8421	-0.0011
2622	41	10	32	1	40	10	31	1300.8421	-0.0011
2623	11	11	0	1	11	11	1	1270.7774	0.0008
2624	11	11	1	1	11	11	0	1270.7774	0.0008

2625	12	11	1	1	12	11	2	1270.7330	0.0006
2626	12	11	2	1	12	11	1	1270.7330	0.0006
2627	12	11	2	1	11	10	1	1355.6038	0.0011
2628	12	11	1	1	11	10	2	1355.6038	0.0011
2629	13	11	2	1	13	11	3	1270.6857	0.0013
2630	13	11	3	1	13	11	2	1270.6857	0.0013
2631	13	11	2	1	12	11	1	1281.1872	0.0013
2632	13	11	3	1	12	11	2	1281.1872	0.0013
2633	13	11	3	1	13	10	4	1345.8562	0.0009
2634	13	11	2	1	13	10	3	1345.8562	0.0009
2635	13	11	2	1	12	10	3	1356.3606	0.0012
2636	13	11	3	1	12	10	2	1356.3606	0.0012
2637	14	11	3	1	14	11	4	1270.6336	0.0006
2638	14	11	4	1	14	11	3	1270.6336	0.0006
2639	14	11	3	1	13	11	2	1281.9424	0.0009
2640	14	11	4	1	13	11	3	1281.9424	0.0009
2641	14	11	4	1	14	10	5	1345.8018	0.0011
2642	14	11	3	1	14	10	4	1345.8018	0.0011
2643	14	11	4	1	13	10	3	1357.1127	0.0005
2644	14	11	3	1	13	10	4	1357.1127	0.0005
2645	15	11	5	1	15	11	4	1270.5777	-0.0002
2646	15	11	4	1	15	11	5	1270.5777	-0.0002
2647	15	11	5	1	14	11	4	1282.6936	0.0003
2648	15	11	4	1	14	11	3	1282.6936	0.0003
2649	15	11	5	1	15	10	6	1345.7437	0.0012
2650	15	11	4	1	15	10	5	1345.7437	0.0012
2651	15	11	4	1	14	10	5	1357.8608	-0.0003
2652	15	11	5	1	14	10	4	1357.8608	-0.0003
2653	16	11	6	1	16	11	5	1270.5201	0.0008
2654	16	11	5	1	16	11	6	1270.5201	0.0008
2655	16	11	5	1	15	11	4	1283.4417	0.0002
2656	16	11	6	1	15	11	5	1283.4417	0.0002
2657	16	11	5	1	16	10	6	1345.6807	0.0002
2658	16	11	6	1	16	10	7	1345.6807	0.0002
2659	16	11	6	1	15	10	5	1358.6058	-0.0003

2660	16	11	5	1	15	10	6	1358.6058	-0.0003
2661	17	11	7	1	17	10	8	1345.6155	0.0007
2662	17	11	6	1	17	10	7	1345.6155	0.0007
2663	17	11	6	1	16	10	7	1359.3476	0.0005
2664	17	11	7	1	16	10	6	1359.3476	0.0005
2665	18	11	8	1	18	11	7	1270.3912	-0.0003
2666	18	11	7	1	18	11	8	1270.3912	-0.0003
2667	18	11	7	1	17	11	6	1284.9270	0.0004
2668	18	11	8	1	17	11	7	1284.9270	0.0004
2669	18	11	8	1	18	10	9	1345.5445	-0.0007
2670	18	11	7	1	18	10	8	1345.5445	-0.0007
2671	18	11	8	1	17	10	7	1360.0840	-0.0002
2672	18	11	7	1	17	10	8	1360.0840	-0.0002
2673	19	11	8	1	19	10	9	1345.4726	0.0004
2674	19	11	9	1	19	10	10	1345.4726	0.0004
2675	19	11	9	1	18	10	8	1360.8161	-0.0014
2676	19	11	8	1	18	10	9	1360.8161	-0.0014
2677	20	11	10	1	20	11	9	1270.2494	-0.0006
2678	20	11	9	1	20	11	10	1270.2494	-0.0006
2679	20	11	10	1	19	11	9	1286.3969	-0.0003
2680	20	11	9	1	19	11	8	1286.3969	-0.0003
2681	20	11	9	1	20	10	10	1345.3951	-0.0003
2682	20	11	10	1	20	10	11	1345.3951	-0.0003
2683	20	11	9	1	19	10	10	1361.5465	-0.0003
2684	20	11	10	1	19	10	9	1361.5465	-0.0003
2685	21	11	11	1	20	11	10	1287.1269	-0.0002
2686	21	11	10	1	20	11	9	1287.1269	-0.0002
2687	21	11	10	1	21	10	11	1345.3146	-0.0004
2688	21	11	11	1	21	10	12	1345.3146	-0.0004
2689	21	11	11	1	20	10	10	1362.2724	0.0000
2690	21	11	10	1	20	10	11	1362.2724	0.0000
2691	22	11	12	1	22	10	13	1345.2306	-0.0005
2692	22	11	11	1	22	10	12	1345.2306	-0.0005
2693	22	11	11	1	21	10	12	1362.9941	-0.0000
2694	22	11	12	1	21	10	11	1362.9941	-0.0000

2695	23	11	13	1	22	11	12	1288.5751	-0.0007
2696	23	11	12	1	22	11	11	1288.5751	-0.0007
2697	23	11	13	1	23	10	14	1345.1431	-0.0004
2698	23	11	12	1	23	10	13	1345.1431	-0.0004
2699	23	11	12	1	22	10	13	1363.7111	-0.0009
2700	23	11	13	1	22	10	12	1363.7111	-0.0009
2701	24	11	13	1	23	11	12	1289.2944	-0.0005
2702	24	11	14	1	23	11	13	1289.2944	-0.0005
2703	24	11	14	1	24	10	15	1345.0506	-0.0019
2704	24	11	13	1	24	10	14	1345.0506	-0.0019
2705	24	11	14	1	23	10	13	1364.4249	-0.0012
2706	24	11	13	1	23	10	14	1364.4249	-0.0012
2707	25	11	14	1	24	10	15	1365.1361	-0.0005
2708	25	11	15	1	24	10	14	1365.1361	-0.0005
2709	26	11	16	1	25	11	15	1290.7217	-0.0008
2710	26	11	15	1	25	11	14	1290.7217	-0.0008
2711	26	11	15	1	25	10	16	1365.8423	-0.0010
2712	26	11	16	1	25	10	15	1365.8423	-0.0010
2713	27	11	17	1	26	11	16	1291.4302	-0.0010
2714	27	11	16	1	26	11	15	1291.4302	-0.0010
2715	27	11	17	1	27	10	18	1344.7574	-0.0013
2716	27	11	16	1	27	10	17	1344.7574	-0.0013
2717	27	11	16	1	26	10	17	1366.5453	-0.0009
2718	27	11	17	1	26	10	16	1366.5453	-0.0009
2719	28	11	17	1	27	11	16	1292.1347	-0.0016
2720	28	11	18	1	27	11	17	1292.1347	-0.0016
2721	28	11	18	1	28	10	19	1344.6527	-0.0013
2722	28	11	17	1	28	10	18	1344.6527	-0.0013
2723	29	11	18	1	28	11	17	1292.8370	-0.0011
2724	29	11	19	1	28	11	18	1292.8370	-0.0011
2725	29	11	18	1	29	10	19	1344.5450	-0.0011
2726	29	11	19	1	29	10	20	1344.5450	-0.0011
2727	30	11	19	1	29	11	18	1293.5348	-0.0018
2728	30	11	20	1	29	11	19	1293.5348	-0.0018
2729	31	11	21	1	30	11	20	1294.2305	-0.0012

2730	31	11	20	1	30	11	19	1294.2305	-0.0012
2731	32	11	21	1	31	11	20	1294.9216	-0.0020
2732	32	11	22	1	31	11	21	1294.9216	-0.0020
2733	33	11	22	1	32	11	21	1295.6110	-0.0013
2734	33	11	23	1	32	11	22	1295.6110	-0.0013
2735	12	12	1	1	12	12	0	1271.0734	0.0014
2736	12	12	0	1	12	12	1	1271.0734	0.0014
2737	13	12	2	1	13	12	1	1271.0239	0.0020
2738	13	12	1	1	13	12	2	1271.0239	0.0020
2739	14	12	2	1	14	12	3	1270.9687	0.0006
2740	14	12	3	1	14	12	2	1270.9687	0.0006
2741	15	12	3	1	15	12	4	1270.9108	0.0004
2742	15	12	4	1	15	12	3	1270.9108	0.0004
2743	15	12	4	1	14	12	3	1283.0224	-0.0000
2744	15	12	3	1	14	12	2	1283.0224	-0.0000
2745	16	12	4	1	16	12	5	1270.8489	-0.0002
2746	16	12	5	1	16	12	4	1270.8489	-0.0002
2747	17	12	6	1	17	12	5	1270.7831	-0.0010
2748	17	12	5	1	17	12	6	1270.7831	-0.0010
2749	17	12	6	1	16	12	5	1284.5087	-0.0002
2750	17	12	5	1	16	12	4	1284.5087	-0.0002
2751	17	12	5	1	16	11	6	1366.7732	-0.0003
2752	17	12	6	1	16	11	5	1366.7732	-0.0003
2753	18	12	6	1	18	12	7	1270.7143	-0.0012
2754	18	12	7	1	18	12	6	1270.7143	-0.0012
2755	18	12	7	1	17	12	6	1285.2465	0.0001
2756	18	12	6	1	17	12	5	1285.2465	0.0001
2757	19	12	7	1	19	12	8	1270.6421	-0.0011
2758	19	12	8	1	19	12	7	1270.6421	-0.0011
2759	19	12	8	1	18	12	7	1285.9783	-0.0017
2760	19	12	7	1	18	12	6	1285.9783	-0.0017
2761	13	13	0	1	13	13	1	1271.3851	0.0016
2762	13	13	1	1	13	13	0	1271.3851	0.0016
2763	14	13	2	1	14	13	1	1271.3285	0.0014
2764	14	13	1	1	14	13	2	1271.3285	0.0014

2765	15	13	2	1	15	13	3	1271.2669	0.0002
2766	15	13	3	1	15	13	2	1271.2669	0.0002
2767	16	13	4	1	16	13	3	1271.2020	-0.0006
2768	16	13	3	1	16	13	4	1271.2020	-0.0006
2769	18	13	6	1	18	13	5	1271.0622	-0.0003
2770	18	13	5	1	18	13	6	1271.0622	-0.0003
2771	19	13	7	1	19	13	6	1270.9861	-0.0005
2772	19	13	6	1	19	13	7	1270.9861	-0.0005
2773	21	13	8	1	21	13	9	1270.8223	-0.0013
2774	21	13	9	1	21	13	8	1270.8223	-0.0013
2775	1	0	1	2	2	1	1	1262.3813	-0.0001
2776	1	0	1	2	1	1	1	1264.0203	0.0008
2777	2	0	2	2	3	1	2	1261.5337	0.0002
2778	2	0	2	2	2	1	2	1264.0063	0.0010
2779	3	0	3	2	4	1	3	1260.6698	0.0005
2780	5	0	5	2	6	1	5	1258.8956	0.0003
2781	6	0	6	2	7	1	6	1257.9876	0.0004
2782	6	0	6	2	6	1	6	1263.8906	0.0000
2783	7	0	7	2	8	1	7	1257.0669	0.0008
2784	7	0	7	2	7	1	7	1263.8522	0.0005
2785	8	0	8	2	9	1	8	1256.1338	0.0005
2786	8	0	8	2	8	1	8	1263.8107	0.0004
2787	9	0	9	2	10	1	9	1255.1911	0.0017
2788	9	0	9	2	9	1	9	1263.7678	0.0001
2789	10	0	10	2	11	1	10	1254.2361	0.0008
2790	10	0	10	2	10	1	10	1263.7243	0.0000
2791	11	0	11	2	12	1	11	1253.2731	0.0012
2792	11	0	11	2	11	1	11	1263.6818	0.0006
2793	12	0	12	2	13	1	12	1252.3001	0.0003
2794	12	0	12	2	12	1	12	1263.6397	0.0008
2795	13	0	13	2	14	1	13	1251.3209	0.0012
2796	14	0	14	2	15	1	14	1250.3326	0.0004
2797	14	0	14	2	14	1	14	1263.5597	0.0006
2798	15	0	15	2	16	1	15	1249.3375	-0.0002
2799	16	0	16	2	17	1	16	1248.3374	0.0007

2800	17	0	17	2	18	1	17	1247.3301	0.0006
2801	17	0	17	2	17	1	17	1263.4595	0.0008
2802	18	0	18	2	18	1	18	1263.4321	0.0003
2803	19	0	19	2	20	1	19	1245.2992	0.0011
2804	19	0	19	2	19	1	19	1263.4092	0.0007
2805	20	0	20	2	20	1	20	1263.3897	0.0006
2806	21	0	21	2	22	1	21	1243.2458	0.0003
2807	22	0	22	2	23	1	22	1242.2123	0.0005
2808	23	0	23	2	24	1	23	1241.1740	0.0007
2809	24	0	24	2	25	1	24	1240.1307	0.0005
2810	25	0	25	2	26	1	25	1239.0831	0.0005
2811	26	0	26	2	27	1	26	1238.0309	0.0004
2812	27	0	27	2	28	1	27	1236.9742	0.0002
2813	28	0	28	2	29	1	28	1235.9135	0.0003
2814	29	0	29	2	30	1	29	1234.8489	0.0008
2815	29	0	29	2	29	1	29	1263.4019	0.0008
2816	30	0	30	2	31	1	30	1233.7792	0.0004
2817	30	0	30	2	30	1	30	1263.4235	0.0006
2818	31	0	31	2	32	1	31	1232.7051	0.0001
2819	31	0	31	2	31	1	31	1263.4482	-0.0002
2820	32	0	32	2	33	1	32	1231.6272	0.0001
2821	33	0	33	2	34	1	33	1230.5450	0.0001
2822	33	0	33	2	33	1	33	1263.5096	-0.0007
2823	34	0	34	2	35	1	34	1229.4582	-0.0002
2824	34	0	34	2	34	1	34	1263.5457	-0.0005
2825	35	0	35	2	36	1	35	1228.3672	-0.0003
2826	35	0	35	2	35	1	35	1263.5840	-0.0013
2827	36	0	36	2	37	1	36	1227.2722	-0.0003
2828	36	0	36	2	36	1	36	1263.6266	-0.0005
2829	37	0	37	2	38	1	37	1226.1725	-0.0005
2830	37	0	37	2	37	1	37	1263.6712	-0.0003
2831	38	0	38	2	39	1	38	1225.0682	-0.0010
2832	38	0	38	2	38	1	38	1263.7175	-0.0009
2833	39	0	39	2	40	1	39	1223.9603	-0.0008
2834	40	0	40	2	41	1	40	1222.8480	-0.0005

2835	40	0	40	2	40	1	40	1263.8185	0.0003
2836	1	1	0	2	2	2	0	1255.0636	0.0000
2837	2	1	2	2	3	2	2	1254.2271	0.0002
2838	2	1	1	2	3	2	1	1254.2826	0.0002
2839	3	1	3	2	4	2	3	1253.4045	0.0003
2840	3	1	2	2	4	2	2	1253.5131	0.0016
2841	3	1	3	2	3	2	1	1256.6417	0.0006
2842	3	1	2	2	2	1	2	1269.9686	0.0003
2843	3	1	3	2	3	0	3	1271.0108	0.0002
2844	4	1	4	2	5	2	4	1252.5760	0.0002
2845	4	1	3	2	5	2	3	1252.7462	0.0002
2846	4	1	4	2	4	2	2	1256.6212	-0.0005
2847	4	1	3	2	3	1	3	1270.8363	0.0002
2848	5	1	5	2	6	2	5	1251.7412	-0.0001
2849	5	1	5	2	5	2	3	1256.5961	0.0002
2850	5	1	4	2	6	1	6	1262.8582	-0.0005
2851	5	1	4	2	5	1	4	1267.5392	0.0007
2852	6	1	6	2	7	2	6	1250.9003	0.0002
2853	6	1	5	2	7	2	5	1251.1983	0.0002
2854	6	1	5	2	7	1	7	1262.1134	-0.0001
2855	6	1	5	2	6	1	5	1267.5392	0.0003
2856	6	1	6	2	6	0	6	1270.9346	0.0003
2857	6	1	5	2	5	1	5	1272.5700	0.0001
2858	7	1	7	2	7	0	7	1270.8957	0.0002
2859	7	1	6	2	6	1	6	1273.9982	-0.0001
2860	8	1	8	2	8	0	8	1270.8489	-0.0011
2861	8	1	7	2	7	0	7	1278.3329	0.0006
2862	9	1	8	2	10	2	8	1249.4490	0.0025
2863	9	1	9	2	9	2	7	1256.4169	-0.0009
2864	9	1	8	2	9	2	8	1257.5467	-0.0002
2865	9	1	9	2	9	0	9	1270.7977	0.0001
2866	9	1	8	2	8	0	8	1279.2011	0.0005
2867	10	1	10	2	11	2	10	1247.4636	-0.0003
2868	10	1	9	2	11	2	9	1248.7103	0.0007
2869	10	1	10	2	10	2	8	1256.3524	-0.0008

2870	10	1	9	2	11	1	11	1259.8223	0.0005
2871	10	1	9	2	9	0	9	1280.0885	0.0018
2872	11	1	10	2	12	2	10	1247.9830	0.0011
2873	11	1	10	2	11	2	10	1257.7110	0.0018
2874	11	1	10	2	12	1	12	1259.1593	0.0009
2875	11	1	11	2	11	0	11	1270.6733	-0.0000
2876	11	1	10	2	10	0	10	1280.9851	0.0012
2877	12	1	12	2	13	2	12	1245.7022	-0.0010
2878	12	1	11	2	13	2	11	1247.2597	0.0013
2879	12	1	12	2	12	2	10	1256.1981	-0.0008
2880	12	1	12	2	12	0	12	1270.6013	-0.0006
2881	12	1	11	2	11	0	11	1281.8882	0.0010
2882	13	1	13	2	14	2	13	1244.8116	-0.0009
2883	13	1	12	2	14	2	12	1246.5358	0.0008
2884	13	1	13	2	13	2	11	1256.1085	-0.0005
2885	13	1	12	2	14	1	14	1257.8607	0.0010
2886	13	1	12	2	13	2	12	1257.8951	0.0005
2887	13	1	13	2	12	2	11	1266.6507	-0.0009
2888	13	1	12	2	12	0	12	1282.7942	0.0008
2889	14	1	14	2	15	2	14	1243.9143	-0.0010
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2893	14	1	13	2	13	0	13	1283.7010	0.0012
2894	15	1	15	2	16	2	15	1243.0102	-0.0013
2895	15	1	14	2	16	2	14	1245.0781	-0.0008
2896	15	1	15	2	15	2	13	1255.9014	-0.0018
2897	15	1	14	2	16	1	16	1256.5811	0.0013
2898	15	1	14	2	15	2	14	1258.0784	0.0004
2899	15	1	15	2	15	0	15	1270.3533	-0.0013
2900	15	1	14	2	14	0	14	1284.6059	0.0009
2901	16	1	16	2	17	2	16	1242.0992	-0.0022
2902	16	1	15	2	17	2	15	1244.3429	0.0010
2903	16	1	15	2	17	1	17	1255.9431	0.0008
2904	16	1	16	2	16	0	16	1270.2612	-0.0011

2905	16	1	15	2	15	0	15	1285.5084	0.0010
2906	17	1	16	2	18	2	16	1243.5984	0.0015
2907	17	1	16	2	18	1	18	1255.3053	0.0006
2908	17	1	16	2	17	2	16	1258.2466	0.0012
2909	17	1	16	2	16	0	16	1286.4070	0.0007
2910	18	1	18	2	19	2	18	1240.2613	-0.0014
2911	18	1	17	2	19	2	17	1242.8435	0.0010
2912	18	1	18	2	18	0	18	1270.0634	-0.0018
2913	18	1	17	2	17	0	17	1287.3023	0.0016
2914	19	1	19	2	20	2	19	1239.3333	-0.0010
2915	19	1	18	2	20	2	18	1242.0779	0.0006
2916	19	1	18	2	20	1	20	1254.0262	0.0009
2917	19	1	19	2	19	0	19	1269.9593	-0.0020
2918	19	1	18	2	18	0	18	1288.1901	0.0004
2919	20	1	20	2	21	2	20	1238.3983	-0.0019
2920	20	1	19	2	21	2	19	1241.3021	0.0018
2921	20	1	20	2	20	2	18	1255.2274	-0.0017
2922	20	1	20	2	20	0	20	1269.8519	-0.0021
2923	20	1	19	2	19	0	19	1289.0736	0.0006
2924	21	1	21	2	22	2	21	1237.4584	-0.0019
2925	21	1	20	2	22	2	20	1240.5107	0.0004
2926	21	1	21	2	21	2	19	1255.0636	-0.0016
2927	21	1	20	2	21	2	20	1258.4966	0.0003
2928	21	1	21	2	21	0	21	1269.7432	-0.0009
2929	21	1	20	2	20	0	20	1289.9508	0.0007
2930	22	1	22	2	23	2	22	1236.5132	-0.0016
2931	22	1	21	2	23	2	21	1239.7072	0.0005
2932	22	1	22	2	22	2	20	1254.8885	-0.0026
2933	22	1	21	2	22	2	21	1258.5370	0.0000
2934	22	1	22	2	22	0	22	1269.6300	-0.0017
2935	23	1	23	2	24	2	23	1235.5617	-0.0022
2936	23	1	22	2	24	2	22	1238.8894	0.0007
2937	23	1	22	2	24	1	24	1251.4278	-0.0003
2938	23	1	22	2	23	2	22	1258.5683	0.0004
2939	23	1	23	2	23	0	23	1269.5154	-0.0020

2940	23	1	22	2	22	0	22	1291.6853	0.0004
2941	24	1	24	2	25	2	24	1234.6059	-0.0016
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2943	24	1	23	2	24	2	23	1258.5912	0.0021
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2945	25	1	24	2	26	2	24	1237.2070	-0.0000
2946	25	1	24	2	26	1	26	1250.1032	-0.0005
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2950	26	1	26	2	27	2	26	1232.6764	-0.0029
2951	26	1	25	2	27	2	25	1236.3429	0.0001
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2955	27	1	27	2	28	2	27	1231.7059	-0.0016
2956	27	1	26	2	28	2	26	1235.4627	-0.0002
2957	27	1	26	2	26	0	26	1295.0798	-0.0001
2958	28	1	28	2	29	2	28	1230.7292	-0.0016
2959	28	1	27	2	29	2	27	1234.5670	-0.0003
2960	28	1	27	2	29	1	29	1248.0846	-0.0006
2961	28	1	27	2	27	0	27	1295.9152	-0.0004
2962	29	1	29	2	30	2	29	1229.7483	-0.0009
2963	29	1	28	2	30	2	28	1233.6557	-0.0006
2964	29	1	28	2	30	1	30	1247.4068	0.0015
2965	29	1	28	2	29	2	28	1258.5491	0.0003
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2967	30	1	30	2	31	2	30	1228.7621	-0.0008
2968	30	1	29	2	31	2	29	1232.7297	-0.0006
2969	30	1	29	2	31	1	31	1246.7231	0.0001
2970	30	1	29	2	29	0	29	1297.5758	-0.0007
2971	31	1	31	2	32	2	31	1227.7716	-0.0004
2972	31	1	30	2	32	2	30	1231.7885	-0.0012
2973	31	1	30	2	30	0	30	1298.4029	-0.0008
2974	32	1	32	2	33	2	32	1226.7763	-0.0002

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2976	32	1	31	2	33	1	33	1245.3541	-0.0002
2977	32	1	32	2	32	0	32	1268.4602	-0.0011
2978	32	1	31	2	31	0	31	1299.2295	-0.0007
2979	33	1	32	2	34	2	32	1229.8663	-0.0011
2980	33	1	32	2	32	0	32	1300.0561	-0.0009
2981	34	1	34	2	35	2	34	1224.7733	0.0011
2982	34	1	33	2	35	2	33	1228.8857	-0.0013
2983	34	1	34	2	34	0	34	1268.2350	-0.0001
2984	34	1	33	2	33	0	33	1300.8843	-0.0011
2985	35	1	35	2	36	2	35	1223.7649	0.0013
2986	35	1	34	2	36	2	34	1227.8932	-0.0017
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2988	35	1	34	2	34	0	34	1301.7151	-0.0014
2989	36	1	36	2	37	2	36	1222.7519	0.0011
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2991	36	1	35	2	35	0	35	1302.5501	-0.0014
2992	37	1	37	2	37	0	37	1267.9135	0.0025
2993	38	1	38	2	39	2	38	1220.7157	0.0027
2994	38	1	38	2	38	0	38	1267.8108	0.0029
2995	39	1	39	2	39	0	39	1267.7104	0.0029
2996	2	2	1	2	3	3	1	1246.6938	0.0000
2997	2	2	0	2	3	3	0	1246.6938	-0.0000
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3006	7	2	5	2	8	2	7	1260.6122	-0.0005
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3021	11	2	10	2	12	3	10	1239.4125	-0.0003
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3075	21	2	20	2	20	2	18	1283.9137	-0.0008
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3077	21	2	19	2	20	1	19	1295.0434	0.0006
3078	22	2	21	2	22	3	19	1249.0763	-0.0011
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3158	12	3	9	2	13	3	11	1256.0622	-0.0007
3159	12	3	9	2	11	3	9	1276.2878	-0.0006
3160	12	3	10	2	11	3	8	1276.2878	-0.0003
3161	13	3	10	2	14	4	10	1230.1164	-0.0001
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3163	13	3	10	2	13	4	10	1241.4398	-0.0007
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3165	13	3	10	2	12	4	8	1251.9560	-0.0000
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3167	13	3	10	2	14	3	12	1255.2451	-0.0004
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3169	13	3	10	2	12	3	10	1277.0875	-0.0003
3170	13	3	11	2	12	3	9	1277.0875	0.0000
3171	14	3	12	2	15	4	12	1229.2996	0.0001
3172	14	3	11	2	15	4	11	1229.2996	-0.0002
3173	14	3	11	2	14	4	11	1241.4309	-0.0009
3174	14	3	12	2	14	4	10	1241.4309	-0.0006
3175	14	3	12	2	13	4	10	1252.7553	-0.0000
3176	14	3	11	2	13	4	9	1252.7553	-0.0004
3177	14	3	12	2	15	3	12	1254.4268	0.0004
3178	14	3	11	2	15	3	13	1254.4268	-0.0004
3179	14	3	11	2	13	3	11	1277.8858	-0.0004
3180	14	3	12	2	13	3	10	1277.8858	0.0002
3181	15	3	13	2	16	4	13	1228.4816	-0.0002
3182	15	3	12	2	16	4	12	1228.4816	-0.0006
3183	15	3	13	2	15	4	11	1241.4221	0.0004
3184	15	3	12	2	15	4	12	1241.4221	-0.0001

3185	15	3	12	2	16	3	14	1253.6072	-0.0006
3186	15	3	13	2	16	3	13	1253.6072	0.0005
3187	15	3	13	2	14	3	11	1278.6828	0.0003
3188	15	3	12	2	14	3	12	1278.6828	-0.0005
3189	16	3	14	2	17	4	14	1227.6632	-0.0001
3190	16	3	13	2	17	4	13	1227.6632	-0.0007
3191	16	3	14	2	16	4	12	1241.4114	0.0004
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3193	16	3	14	2	17	3	14	1252.7864	0.0006
3194	16	3	13	2	17	3	15	1252.7864	-0.0010
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3196	16	3	14	2	15	4	12	1254.3512	0.0003
3197	16	3	13	2	15	3	13	1279.4785	-0.0004
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3199	17	3	14	2	18	4	14	1226.8442	-0.0004
3200	17	3	15	2	18	4	15	1226.8442	0.0004
3201	17	3	15	2	17	4	13	1241.3998	0.0007
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3205	17	3	14	2	16	3	14	1280.2723	-0.0009
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3207	17	3	15	2	16	2	15	1298.2414	-0.0008
3208	18	3	16	2	19	4	16	1226.0230	-0.0004
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3210	18	3	15	2	18	4	15	1241.3869	-0.0002
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3213	18	3	16	2	17	4	14	1255.9431	0.0017
3214	19	3	16	2	20	4	16	1225.2022	-0.0008
3215	19	3	17	2	20	4	17	1225.2022	0.0003
3216	19	3	16	2	18	4	14	1256.7351	-0.0006
3217	19	3	17	2	18	4	15	1256.7351	0.0005
3218	19	3	17	2	18	3	15	1281.8558	0.0012
3219	19	3	16	2	18	3	16	1281.8558	-0.0013

3220	20	3	18	2	21	4	18	1224.3803	0.0009
3221	20	3	17	2	21	4	17	1224.3803	-0.0004
3222	20	3	18	2	21	3	18	1249.4893	-0.0001
3223	20	3	17	2	21	3	19	1249.4946	0.0005
3224	20	3	17	2	19	4	15	1257.5269	-0.0007
3225	20	3	18	2	19	4	16	1257.5269	0.0005
3226	20	3	18	2	19	3	16	1282.6446	0.0012
3227	21	3	18	2	22	4	18	1223.5569	-0.0002
3228	21	3	19	2	22	4	19	1223.5569	0.0011
3229	21	3	19	2	21	4	17	1241.3403	0.0007
3230	21	3	18	2	21	4	18	1241.3403	-0.0006
3231	21	3	19	2	22	3	19	1248.6611	-0.0007
3232	21	3	18	2	22	3	20	1248.6676	0.0001
3233	22	3	20	2	23	4	20	1222.7323	0.0010
3234	22	3	19	2	23	4	19	1222.7323	-0.0000
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3236	22	3	19	2	22	4	19	1241.3224	-0.0003
3237	22	3	20	2	23	3	20	1247.8325	-0.0000
3238	22	3	19	2	23	3	21	1247.8401	0.0007
3239	23	3	21	2	24	4	21	1221.9061	0.0004
3240	23	3	20	2	24	4	20	1221.9061	-0.0002
3241	23	3	21	2	24	3	21	1247.0021	0.0004
3242	23	3	20	2	24	3	22	1247.0097	-0.0001
3243	23	3	21	2	22	3	19	1284.9990	0.0005
3244	24	3	21	2	25	4	21	1221.0792	0.0003
3245	24	3	22	2	25	4	22	1221.0792	0.0002
3246	24	3	21	2	24	4	21	1241.2823	0.0006
3247	24	3	22	2	24	4	20	1241.2823	0.0006
3248	24	3	22	2	25	3	22	1246.1698	0.0005
3249	24	3	21	2	25	3	23	1246.1792	0.0005
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3251	25	3	23	2	26	4	23	1220.2510	-0.0005
3252	25	3	22	2	26	4	22	1220.2510	0.0010
3253	25	3	22	2	25	4	22	1241.2598	0.0011
3254	25	3	23	2	25	4	21	1241.2598	-0.0002

3255	25	3	23	2	26	3	23	1245.3355	0.0002
3256	25	3	22	2	26	3	24	1245.3463	0.0005
3257	25	3	23	2	24	3	21	1286.5592	0.0003
3258	26	3	23	2	27	4	23	1219.4206	0.0009
3259	26	3	23	2	26	4	23	1241.2350	0.0010
3260	26	3	24	2	27	3	24	1244.5007	0.0008
3261	26	3	23	2	27	3	25	1244.5116	0.0002
3262	26	3	24	2	25	3	22	1287.3365	0.0003
3263	27	3	24	2	28	4	24	1218.5879	-0.0001
3264	27	3	25	2	28	4	25	1218.5944	-0.0001
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3266	27	3	24	2	28	3	26	1243.6755	0.0004
3267	27	3	25	2	26	3	23	1288.1118	0.0001
3268	28	3	26	2	29	4	26	1217.7655	0.0003
3269	28	3	26	2	29	3	26	1242.8250	0.0001
3270	28	3	25	2	29	3	27	1242.8373	0.0004
3271	28	3	26	2	27	3	24	1288.8854	-0.0001
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3273	29	3	27	2	30	4	27	1216.9367	0.0009
3274	29	3	26	2	30	3	28	1241.9971	0.0001
3275	29	3	27	2	28	3	25	1289.6589	0.0013
3276	30	3	28	2	31	4	28	1216.1067	0.0002
3277	30	3	27	2	31	3	29	1242.9388	0.0003
3278	30	3	28	2	29	3	26	1290.4278	-0.0005
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3280	31	3	29	2	32	4	29	1215.2782	0.0007
3281	31	3	28	2	32	3	30	1242.0992	0.0009
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3284	32	3	30	2	33	4	30	1214.4497	0.0006
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3288	33	3	31	2	34	4	31	1213.6214	-0.0006
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3290	33	3	31	2	32	3	29	1292.7340	-0.0001
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3293	34	3	31	2	35	3	33	1239.5896	0.0004
3294	34	3	32	2	33	3	30	1293.5001	-0.0011
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3296	35	3	33	2	34	3	31	1294.2667	-0.0013
3297	35	3	32	2	34	2	32	1313.2195	0.0008
3298	36	3	34	2	37	4	34	1211.1484	-0.0018
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3300	36	3	34	2	35	3	32	1295.0336	-0.0011
3301	36	3	33	2	35	2	33	1313.9062	0.0004
3302	37	3	35	2	36	3	33	1295.7999	-0.0015
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3304	38	3	35	2	39	3	37	1236.2784	-0.0001
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3306	39	3	37	2	40	4	37	1208.6980	-0.0021
3307	39	3	37	2	38	3	35	1297.3327	-0.0027
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3309	4	4	1	2	5	5	1	1229.7300	-0.0006
3310	5	4	1	2	6	5	1	1228.9178	-0.0009
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3313	6	4	3	2	7	5	3	1228.1055	-0.0007
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3315	6	4	3	2	7	4	3	1260.4163	-0.0003
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3325	8	4	5	2	9	5	5	1226.4788	-0.0007
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3331	8	4	4	2	7	4	4	1272.5415	-0.0006
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3437	20	4	17	2	20	4	17	1265.9202	0.0008
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3440	20	4	16	2	19	4	16	1282.0898	0.0005
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3442	21	4	17	2	22	5	17	1215.8299	0.0002
3443	21	4	18	2	21	5	16	1233.6110	0.0004
3444	21	4	17	2	21	5	17	1233.6110	0.0004
3445	21	4	17	2	22	4	19	1248.1139	-0.0004
3446	21	4	18	2	22	4	18	1248.1139	-0.0004
3447	21	4	17	2	20	4	17	1282.8751	0.0000
3448	21	4	18	2	20	4	16	1282.8751	0.0001
3449	22	4	19	2	23	5	19	1215.0033	0.0001
3450	22	4	18	2	23	5	18	1215.0033	0.0001
3451	22	4	18	2	22	5	18	1233.5906	0.0001
3452	22	4	19	2	22	5	17	1233.5906	0.0002
3453	22	4	18	2	21	4	18	1283.6593	0.0004
3454	22	4	19	2	21	4	17	1283.6593	0.0005
3455	23	4	19	2	24	5	19	1214.1756	0.0002
3456	23	4	20	2	24	5	20	1214.1756	0.0003
3457	23	4	20	2	23	5	18	1233.5695	0.0008
3458	23	4	19	2	23	5	19	1233.5695	0.0008
3459	23	4	20	2	24	4	20	1246.4540	0.0005
3460	23	4	19	2	24	4	21	1246.4540	0.0004
3461	23	4	19	2	23	4	19	1265.8509	0.0008
3462	23	4	20	2	23	4	20	1265.8509	0.0007
3463	23	4	20	2	22	4	18	1284.4408	0.0003
3464	23	4	19	2	22	4	19	1284.4408	0.0003

3465	24	4	20	2	25	5	20	1213.3467	0.0006
3466	24	4	21	2	25	5	21	1213.3467	0.0006
3467	24	4	20	2	24	5	20	1233.5459	0.0006
3468	24	4	21	2	24	5	19	1233.5459	0.0006
3469	24	4	21	2	25	4	21	1245.6214	0.0008
3470	24	4	20	2	25	4	22	1245.6214	0.0006
3471	24	4	21	2	24	4	21	1265.8236	0.0001
3472	24	4	20	2	24	4	20	1265.8236	0.0001
3473	24	4	21	2	23	4	19	1285.2204	0.0003
3474	24	4	20	2	23	4	20	1285.2204	0.0002
3475	25	4	22	2	26	5	22	1212.5154	0.0000
3476	25	4	21	2	26	5	21	1212.5154	0.0000
3477	25	4	21	2	25	5	21	1233.5207	0.0006
3478	25	4	22	2	25	5	20	1233.5207	0.0006
3479	25	4	22	2	26	4	22	1244.7866	0.0005
3480	25	4	21	2	26	4	23	1244.7866	0.0003
3481	25	4	21	2	25	4	21	1265.7952	0.0006
3482	25	4	22	2	25	4	22	1265.7952	0.0005
3483	25	4	21	2	24	4	21	1285.9976	0.0001
3484	25	4	22	2	24	4	20	1285.9976	0.0002
3485	26	4	22	2	27	5	22	1211.6831	0.0000
3486	26	4	23	2	27	5	23	1211.6831	0.0000
3487	26	4	22	2	26	5	22	1233.4934	0.0003
3488	26	4	23	2	26	5	21	1233.4934	0.0003
3489	26	4	23	2	27	4	23	1243.9503	0.0006
3490	26	4	22	2	27	4	24	1243.9503	0.0004
3491	26	4	22	2	25	4	22	1286.7727	0.0002
3492	26	4	23	2	25	4	21	1286.7727	0.0004
3493	27	4	24	2	28	5	24	1210.8494	0.0003
3494	27	4	23	2	28	5	23	1210.8494	0.0003
3495	27	4	23	2	27	5	23	1233.4647	0.0005
3496	27	4	24	2	27	5	22	1233.4647	0.0005
3497	27	4	24	2	28	4	24	1243.1112	-0.0001
3498	27	4	23	2	28	4	25	1243.1112	-0.0004
3499	27	4	23	2	27	4	23	1265.7319	0.0011

3500	27	4	24	2	27	4	24	1265.7319	0.0009
3501	27	4	23	2	26	4	23	1287.5451	0.0001
3502	27	4	24	2	26	4	22	1287.5451	0.0003
3503	28	4	25	2	29	5	25	1210.0141	0.0006
3504	28	4	24	2	29	5	24	1210.0141	0.0007
3505	28	4	24	2	28	5	24	1233.4341	0.0009
3506	28	4	25	2	28	5	23	1233.4341	0.0009
3507	28	4	24	2	29	4	26	1242.2719	0.0005
3508	28	4	25	2	29	4	25	1242.2719	0.0008
3509	28	4	24	2	28	4	24	1265.6953	-0.0001
3510	28	4	25	2	28	4	25	1265.6953	-0.0005
3511	28	4	24	2	27	4	24	1288.3154	0.0004
3512	28	4	25	2	27	4	23	1288.3154	0.0006
3513	29	4	25	2	30	5	25	1209.1767	0.0006
3514	29	4	26	2	30	5	26	1209.1767	0.0004
3515	29	4	25	2	29	5	25	1233.4009	0.0008
3516	29	4	26	2	29	5	24	1233.4009	0.0006
3517	29	4	25	2	28	4	25	1289.0827	0.0003
3518	29	4	26	2	28	4	24	1289.0827	0.0005
3519	30	4	26	2	31	5	26	1208.3380	0.0010
3520	30	4	27	2	31	5	27	1208.3380	0.0008
3521	30	4	27	2	30	5	25	1233.3654	0.0001
3522	30	4	26	2	30	5	26	1233.3654	0.0003
3523	30	4	27	2	31	4	27	1240.5854	0.0011
3524	30	4	26	2	31	4	28	1240.5854	0.0007
3525	30	4	27	2	29	4	25	1289.8477	0.0008
3526	30	4	26	2	29	4	26	1289.8477	0.0007
3527	31	4	28	2	32	5	28	1207.4966	0.0002
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3529	31	4	28	2	31	5	26	1233.3278	-0.0004
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3532	31	4	27	2	32	4	29	1239.7386	0.0003
3533	31	4	28	2	30	4	26	1290.6093	0.0005
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3535	32	4	28	2	33	5	28	1206.6534	0.0003
3536	32	4	29	2	33	5	29	1206.6534	-0.0004
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3540	32	4	29	2	31	4	27	1291.3684	0.0004
3541	33	4	29	2	34	5	29	1205.8082	-0.0002
3542	33	4	30	2	34	5	30	1205.8082	-0.0012
3543	33	4	29	2	33	5	29	1233.2469	0.0002
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3546	33	4	29	2	32	4	29	1292.1245	0.0003
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3548	34	4	31	2	35	5	31	1204.9617	-0.0016
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3550	34	4	31	2	34	5	29	1233.2023	-0.0019
3551	34	4	30	2	34	5	30	1233.2023	-0.0004
3552	34	4	30	2	35	4	32	1237.1852	-0.0004
3553	34	4	30	2	33	4	30	1292.8772	-0.0002
3554	34	4	31	2	33	4	29	1292.8772	-0.0007
3555	35	4	32	2	34	4	30	1293.6270	-0.0015
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3557	38	4	34	2	39	4	36	1236.1313	-0.0003
3558	39	4	35	2	40	4	37	1235.2773	0.0004
3559	5	5	0	2	6	6	0	1221.1373	-0.0005
3560	5	5	1	2	6	6	1	1221.1373	-0.0005
3561	6	5	1	2	7	6	1	1220.3250	-0.0005
3562	6	5	2	2	7	6	2	1220.3250	-0.0005
3563	7	5	2	2	8	6	2	1219.5120	-0.0005
3564	7	5	3	2	8	6	3	1219.5120	-0.0005
3565	7	5	2	2	7	6	2	1225.9837	0.0002
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3568	8	5	4	2	9	6	4	1218.6983	-0.0008
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3570	8	5	3	2	8	6	3	1225.9784	-0.0002
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3573	8	5	3	2	8	5	3	1265.4546	-0.0015
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3578	9	5	4	2	9	6	4	1225.9728	-0.0003
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3580	9	5	5	2	10	5	5	1257.3593	-0.0010
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3585	10	5	5	2	11	6	5	1217.0700	-0.0004
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3593	10	5	6	2	9	5	4	1273.5306	-0.0006
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3595	11	5	7	2	12	6	7	1216.2549	-0.0002
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3599	11	5	7	2	12	5	7	1255.7280	0.0004
3600	11	5	6	2	12	5	8	1255.7280	0.0004
3601	11	5	7	2	11	5	7	1265.4333	-0.0003
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3603	11	5	6	2	10	5	6	1274.3305	-0.0008
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3611	12	5	7	2	12	5	7	1265.4238	-0.0006
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3613	12	5	7	2	11	5	7	1275.1304	-0.0000
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3615	13	5	9	2	14	6	9	1214.6225	-0.0001
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3617	13	5	9	2	13	6	7	1225.9429	-0.0003
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3619	13	5	9	2	14	5	9	1254.0914	-0.0004
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3629	14	5	10	2	13	5	8	1276.7253	-0.0001
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3631	15	5	10	2	16	6	10	1212.9871	-0.0000
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3633	15	5	10	2	15	6	10	1225.9230	-0.0003
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3639	16	5	12	2	17	6	12	1212.1679	-0.0003

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3642	16	5	12	2	16	6	10	1225.9120	0.0001
3643	16	5	11	2	16	5	11	1265.3776	0.0002
3644	16	5	12	2	16	5	12	1265.3776	0.0002
3645	17	5	13	2	18	6	13	1211.3490	0.0005
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3661	18	5	14	2	18	5	14	1265.3480	0.0009
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3669	20	5	15	2	21	6	15	1208.8842	0.0003
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3673	20	5	15	2	20	5	15	1265.3131	0.0014
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3679	21	5	16	2	21	6	16	1225.8385	0.0002
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3681	21	5	17	2	22	5	17	1247.5113	0.0004
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3697	23	5	18	2	24	6	18	1206.4104	0.0005
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3700	23	5	19	2	23	6	17	1225.8002	0.0003
3701	23	5	19	2	24	5	19	1245.8549	0.0008
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3703	23	5	19	2	23	5	19	1265.2482	0.0008
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3707	24	5	20	2	25	6	20	1205.5835	0.0007
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3712	24	5	19	2	25	5	21	1245.0244	0.0008
3713	24	5	20	2	24	5	20	1265.2244	0.0016
3714	24	5	19	2	24	5	19	1265.2244	0.0016
3715	24	5	19	2	23	5	19	1284.6168	0.0007
3716	24	5	20	2	23	5	18	1284.6168	0.0007
3717	25	5	20	2	26	6	20	1204.7553	0.0008
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3719	25	5	20	2	25	6	20	1225.7557	0.0001
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3721	25	5	20	2	26	5	22	1244.1918	0.0002
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3723	25	5	20	2	24	5	20	1285.3964	0.0009
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3725	26	5	22	2	27	6	22	1203.9249	0.0002
3726	26	5	21	2	27	6	21	1203.9249	0.0002
3727	26	5	21	2	26	6	21	1225.7312	0.0003
3728	26	5	22	2	26	6	20	1225.7312	0.0003
3729	26	5	21	2	27	5	23	1243.3587	0.0007
3730	26	5	22	2	27	5	22	1243.3587	0.0007
3731	26	5	21	2	26	5	21	1265.1687	0.0007
3732	26	5	22	2	26	5	22	1265.1687	0.0007
3733	26	5	21	2	25	5	21	1286.1736	0.0008
3734	26	5	22	2	25	5	20	1286.1736	0.0008
3735	27	5	23	2	28	6	23	1203.0941	0.0006
3736	27	5	22	2	28	6	22	1203.0941	0.0006
3737	27	5	23	2	27	6	21	1225.7049	0.0004
3738	27	5	22	2	27	6	22	1225.7049	0.0004
3739	27	5	23	2	26	5	21	1286.9485	0.0007
3740	27	5	22	2	26	5	22	1286.9485	0.0007
3741	28	5	23	2	29	6	23	1202.2611	0.0002
3742	28	5	24	2	29	6	24	1202.2611	0.0002
3743	28	5	24	2	28	6	22	1225.6769	0.0007
3744	28	5	23	2	28	6	23	1225.6769	0.0007

3745	28	5	24	2	29	5	24	1241.6864	0.0007
3746	28	5	23	2	29	5	25	1241.6864	0.0007
3747	28	5	23	2	27	5	23	1287.7211	0.0006
3748	28	5	24	2	27	5	22	1287.7211	0.0006
3749	29	5	25	2	30	6	25	1201.4274	0.0010
3750	29	5	24	2	30	6	24	1201.4274	0.0010
3751	29	5	25	2	29	6	23	1225.6466	0.0006
3752	29	5	24	2	29	6	24	1225.6466	0.0006
3753	29	5	24	2	30	5	26	1240.8477	0.0008
3754	29	5	25	2	30	5	25	1240.8477	0.0008
3755	29	5	25	2	29	5	25	1265.0719	0.0010
3756	29	5	24	2	29	5	24	1265.0719	0.0010
3757	29	5	24	2	28	5	24	1288.4914	0.0007
3758	29	5	25	2	28	5	23	1288.4914	0.0007
3759	30	5	26	2	30	6	24	1225.6153	0.0015
3760	30	5	25	2	30	6	25	1225.6153	0.0015
3761	30	5	26	2	31	5	26	1240.0069	0.0008
3762	31	5	26	2	32	6	26	1199.7543	0.0017
3763	31	5	27	2	32	6	27	1199.7543	0.0017
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3765	31	5	26	2	31	6	26	1225.5800	0.0005
3766	31	5	27	2	32	5	27	1239.1644	0.0011
3767	31	5	26	2	30	5	26	1290.0242	0.0009
3768	31	5	27	2	30	5	25	1290.0242	0.0009
3769	32	5	27	2	33	6	27	1198.9137	0.0007
3770	32	5	28	2	33	6	28	1198.9137	0.0007
3771	32	5	27	2	32	6	27	1225.5444	0.0014
3772	32	5	28	2	32	6	26	1225.5444	0.0014
3773	32	5	28	2	33	5	28	1238.3197	0.0011
3774	32	5	28	2	31	5	26	1290.7859	0.0003
3775	32	5	27	2	31	5	27	1290.7859	0.0003
3776	33	5	29	2	34	6	29	1198.0725	0.0011
3777	33	5	28	2	34	6	28	1198.0725	0.0011
3778	33	5	29	2	33	6	27	1225.5042	0.0001
3779	33	5	28	2	33	6	28	1225.5042	0.0001

3780	33	5	29	2	34	5	29	1237.4723	0.0008
3781	33	5	29	2	32	5	27	1291.5456	0.0007
3782	33	5	28	2	32	5	28	1291.5456	0.0007
3783	34	5	30	2	35	6	30	1197.2288	0.0010
3784	34	5	29	2	35	6	29	1197.2288	0.0010
3785	34	5	30	2	34	6	28	1225.4628	-0.0001
3786	34	5	29	2	34	6	29	1225.4628	-0.0001
3787	34	5	30	2	33	5	28	1292.3013	0.0000
3788	34	5	29	2	33	5	29	1292.3013	0.0000
3789	35	5	31	2	36	6	31	1196.3824	0.0002
3790	35	5	30	2	36	6	30	1196.3824	0.0002
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3793	35	5	31	2	36	5	31	1235.7710	0.0004
3794	35	5	30	2	34	5	30	1293.0551	0.0005
3795	35	5	31	2	34	5	29	1293.0551	0.0005
3796	36	5	32	2	37	6	32	1195.5345	-0.0001
3797	36	5	31	2	37	6	31	1195.5345	-0.0000
3798	36	5	31	2	36	6	31	1225.3738	0.0006
3799	36	5	32	2	36	6	30	1225.3738	0.0006
3800	36	5	32	2	37	5	32	1234.9167	0.0001
3801	37	5	32	2	38	6	32	1194.6843	-0.0004
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3803	37	5	32	2	37	6	32	1225.3245	0.0000
3804	37	5	33	2	37	6	31	1225.3245	-0.0000
3805	37	5	33	2	38	5	33	1234.0602	0.0000
3806	37	5	32	2	36	5	32	1294.5516	-0.0000
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3810	38	5	33	2	38	6	33	1225.2728	-0.0004
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3812	39	5	35	2	40	5	35	1232.3397	-0.0002
3813	40	5	36	2	40	6	34	1225.1612	-0.0016
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3815	6	6	1	2	7	7	1	1212.4675	-0.0007
3816	6	6	0	2	7	7	0	1212.4675	-0.0007
3817	7	6	1	2	8	7	1	1211.6553	-0.0006
3818	7	6	2	2	8	7	2	1211.6553	-0.0006
3819	8	6	3	2	9	7	3	1210.8422	-0.0009
3820	8	6	2	2	9	7	2	1210.8422	-0.0009
3821	8	6	3	2	8	7	1	1218.1214	0.0001
3822	8	6	2	2	8	7	2	1218.1214	0.0001
3823	8	6	3	2	9	6	3	1257.4799	0.0000
3824	8	6	2	2	9	6	4	1257.4799	0.0000
3825	9	6	3	2	10	7	3	1210.0295	-0.0002
3826	9	6	4	2	10	7	4	1210.0295	-0.0002
3827	9	6	3	2	9	7	3	1218.1162	-0.0002
3828	9	6	4	2	9	7	2	1218.1162	-0.0002
3829	10	6	4	2	11	7	4	1209.2155	-0.0004
3830	10	6	5	2	11	7	5	1209.2155	-0.0004
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3834	10	6	4	2	11	6	6	1255.8499	0.0000
3835	10	6	5	2	10	6	5	1264.7462	-0.0001
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3837	11	6	5	2	12	7	5	1208.4015	-0.0000
3838	11	6	6	2	12	7	6	1208.4015	-0.0000
3839	11	6	6	2	11	7	4	1218.1043	-0.0002
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3841	11	6	5	2	12	6	7	1255.0340	0.0000
3842	11	6	6	2	12	6	6	1255.0340	0.0000
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3845	12	6	6	2	13	7	6	1207.5860	-0.0006
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3847	12	6	7	2	12	7	5	1218.0977	0.0002
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3849	12	6	6	2	13	6	8	1254.2170	-0.0002

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3851	12	6	6	2	12	6	6	1264.7294	-0.0005
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3853	12	6	7	2	11	6	5	1274.4348	0.0002
3854	12	6	6	2	11	6	6	1274.4348	0.0002
3855	13	6	8	2	14	7	8	1206.7707	-0.0004
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3863	14	6	9	2	15	7	9	1205.9550	-0.0000
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3879	16	6	10	2	17	7	10	1204.3212	0.0002
3880	16	6	11	2	17	7	11	1204.3212	0.0002
3881	16	6	10	2	16	7	10	1218.0619	-0.0004
3882	16	6	11	2	16	7	9	1218.0619	-0.0004
3883	16	6	11	2	17	6	11	1250.9434	0.0003
3884	16	6	10	2	17	6	12	1250.9434	0.0003

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3886	16	6	11	2	16	6	11	1264.6872	0.0005
3887	17	6	12	2	18	7	12	1203.5033	0.0004
3888	17	6	11	2	18	7	11	1203.5033	0.0004
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3891	17	6	11	2	18	6	13	1250.1224	-0.0001
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3893	17	6	12	2	17	6	12	1264.6727	-0.0007
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3896	17	6	11	2	16	6	11	1278.4177	0.0006
3897	18	6	13	2	19	7	13	1202.6840	-0.0003
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3903	19	6	13	2	20	7	13	1201.8650	0.0002
3904	19	6	14	2	20	7	14	1201.8650	0.0002
3905	19	6	14	2	19	7	12	1218.0268	0.0000
3906	19	6	13	2	19	7	13	1218.0268	0.0000
3907	19	6	14	2	20	6	14	1248.4788	-0.0000
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3909	19	6	13	2	19	6	13	1264.6443	0.0006
3910	19	6	14	2	19	6	14	1264.6443	0.0006
3911	19	6	14	2	18	6	12	1280.0016	-0.0001
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3917	20	6	14	2	21	6	16	1247.6561	0.0006
3918	20	6	15	2	21	6	15	1247.6561	0.0006
3919	20	6	14	2	20	6	14	1264.6275	0.0004

3920	20	6	15	2	20	6	15	1264.6275	0.0004
3921	20	6	14	2	19	6	14	1280.7924	0.0004
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3924	21	6	16	2	22	7	16	1200.2237	0.0003
3925	21	6	15	2	21	7	15	1217.9986	0.0004
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3927	21	6	16	2	22	6	16	1246.8320	0.0007
3928	21	6	15	2	21	6	15	1264.6098	0.0006
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3930	22	6	17	2	23	7	17	1199.4022	0.0008
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4001	30	6	25	2	29	6	23	1288.6019	0.0006
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4004	31	6	25	2	31	7	25	1217.7770	0.0010
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4012	33	6	27	2	34	7	27	1190.2854	0.0013
4013	33	6	28	2	34	7	28	1190.2854	0.0013
4014	33	6	28	2	33	7	26	1217.7115	0.0001
4015	33	6	27	2	33	7	27	1217.7115	0.0001
4016	33	6	28	2	32	6	26	1290.9036	0.0011
4017	33	6	27	2	32	6	27	1290.9036	0.0011
4018	34	6	29	2	35	7	29	1189.4470	0.0004
4019	34	6	28	2	35	7	28	1189.4470	0.0004
4020	34	6	29	2	34	7	27	1217.6768	0.0008
4021	34	6	28	2	34	7	28	1217.6768	0.0008
4022	34	6	28	2	35	6	30	1235.9976	0.0011
4023	34	6	29	2	35	6	29	1235.9976	0.0011
4024	34	6	29	2	33	6	27	1291.6651	0.0007

4025	34	6	28	2	33	6	28	1291.6651	0.0007
4026	35	6	29	2	36	7	29	1188.6089	0.0017
4027	35	6	30	2	36	7	30	1188.6089	0.0017
4028	35	6	29	2	35	7	29	1217.6391	0.0007
4029	35	6	30	2	35	7	28	1217.6391	0.0007
4030	35	6	29	2	36	6	31	1235.1521	0.0009
4031	35	6	30	2	36	6	30	1235.1521	0.0009
4032	35	6	30	2	34	6	28	1292.4248	0.0013
4033	35	6	29	2	34	6	29	1292.4248	0.0013
4034	36	6	30	2	37	7	30	1187.7665	0.0006
4035	36	6	31	2	37	7	31	1187.7665	0.0006
4036	36	6	30	2	36	7	30	1217.5993	0.0009
4037	36	6	31	2	36	7	29	1217.5993	0.0009
4038	36	6	31	2	37	6	31	1234.3048	0.0010
4039	36	6	30	2	37	6	32	1234.3048	0.0010
4040	36	6	31	2	35	6	29	1293.1800	0.0003
4041	36	6	30	2	35	6	30	1293.1800	0.0003
4042	37	6	31	2	37	7	31	1217.5565	0.0004
4043	37	6	32	2	37	7	30	1217.5565	0.0004
4044	37	6	31	2	36	6	31	1293.9332	0.0005
4045	37	6	32	2	36	6	30	1293.9332	0.0005
4046	38	6	32	2	39	7	32	1186.0771	-0.0002
4047	38	6	33	2	39	7	33	1186.0771	-0.0002
4048	38	6	32	2	38	7	32	1217.5116	0.0003
4049	38	6	33	2	38	7	31	1217.5116	0.0003
4050	39	6	34	2	40	7	34	1185.2295	-0.0003
4051	39	6	33	2	40	7	33	1185.2295	-0.0003
4052	39	6	34	2	39	7	32	1217.4638	-0.0002
4053	39	6	33	2	39	7	33	1217.4638	-0.0002
4054	7	7	0	2	8	8	0	1203.7202	0.0003
4055	7	7	1	2	8	8	1	1203.7202	0.0003
4056	8	7	1	2	9	8	1	1202.9079	0.0000
4057	8	7	2	2	9	8	2	1202.9079	0.0000
4058	9	7	3	2	10	8	3	1202.0951	-0.0004
4059	9	7	2	2	10	8	2	1202.0951	-0.0004

4060	9	7	2	2	10	7	4	1255.8822	-0.0005
4061	9	7	3	2	10	7	3	1255.8822	-0.0005
4062	10	7	3	2	11	8	3	1201.2829	0.0002
4063	10	7	4	2	11	8	4	1201.2829	0.0002
4064	10	7	4	2	10	8	2	1210.1763	0.0004
4065	10	7	3	2	10	8	3	1210.1763	0.0004
4066	10	7	4	2	9	7	2	1272.0498	0.0000
4067	10	7	3	2	9	7	3	1272.0498	0.0000
4068	11	7	5	2	12	8	5	1200.4695	0.0001
4069	11	7	4	2	12	8	4	1200.4695	0.0001
4070	11	7	5	2	11	8	3	1210.1710	0.0004
4071	11	7	4	2	11	8	4	1210.1710	0.0004
4072	11	7	4	2	12	7	6	1254.2530	-0.0001
4073	11	7	5	2	12	7	5	1254.2530	-0.0001
4074	11	7	4	2	10	7	4	1272.8510	-0.0000
4075	11	7	5	2	10	7	3	1272.8510	-0.0000
4076	12	7	6	2	13	8	6	1199.6555	-0.0003
4077	12	7	5	2	13	8	5	1199.6555	-0.0003
4078	12	7	5	2	12	8	5	1210.1656	0.0010
4079	12	7	6	2	12	8	4	1210.1656	0.0010
4080	12	7	6	2	11	7	4	1273.6517	0.0003
4081	12	7	5	2	11	7	5	1273.6517	0.0003
4082	13	7	6	2	14	8	6	1198.8419	0.0003
4083	13	7	7	2	14	8	7	1198.8419	0.0003
4084	13	7	6	2	13	8	6	1210.1584	0.0002
4085	13	7	7	2	13	8	5	1210.1584	0.0002
4086	13	7	7	2	12	7	5	1274.4514	0.0005
4087	13	7	6	2	12	7	6	1274.4514	0.0005
4088	14	7	7	2	15	8	7	1198.0272	0.0002
4089	14	7	8	2	15	8	8	1198.0272	0.0002
4090	14	7	8	2	14	8	6	1210.1511	-0.0000
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4092	14	7	7	2	15	7	9	1251.8050	0.0008
4093	14	7	8	2	15	7	8	1251.8050	0.0008
4094	14	7	8	2	13	7	6	1275.2495	0.0000

4095	14	7	7	2	13	7	7	1275.2495	0.0000
4096	15	7	9	2	16	8	9	1197.2121	0.0001
4097	15	7	8	2	16	8	8	1197.2121	0.0001
4098	15	7	9	2	15	8	7	1210.1425	-0.0009
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4100	15	7	8	2	16	7	10	1250.9866	0.0000
4101	15	7	9	2	16	7	9	1250.9866	0.0000
4102	15	7	9	2	14	7	7	1276.0474	0.0004
4103	15	7	8	2	14	7	8	1276.0474	0.0004
4104	16	7	9	2	17	8	9	1196.3969	0.0006
4105	16	7	10	2	17	8	10	1196.3969	0.0006
4106	16	7	10	2	16	8	8	1210.1352	0.0002
4107	16	7	9	2	16	8	9	1210.1352	0.0002
4108	16	7	10	2	17	7	10	1250.1695	0.0012
4109	16	7	9	2	17	7	11	1250.1695	0.0012
4110	16	7	9	2	16	7	9	1263.9097	0.0000
4111	16	7	10	2	16	7	10	1263.9097	0.0000
4112	16	7	9	2	15	7	9	1276.8438	0.0002
4113	16	7	10	2	15	7	8	1276.8438	0.0002
4114	17	7	11	2	18	8	11	1195.5800	-0.0002
4115	17	7	10	2	18	8	10	1195.5800	-0.0002
4116	17	7	10	2	17	8	10	1210.1262	0.0003
4117	17	7	11	2	17	8	9	1210.1262	0.0003
4118	17	7	11	2	18	7	11	1249.3489	-0.0005
4119	17	7	10	2	18	7	12	1249.3489	-0.0005
4120	17	7	11	2	17	7	11	1263.8985	0.0007
4121	17	7	10	2	17	7	10	1263.8985	0.0007
4122	18	7	11	2	19	8	11	1194.7633	-0.0003
4123	18	7	12	2	19	8	12	1194.7633	-0.0003
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4125	18	7	11	2	18	8	11	1210.1166	0.0007
4126	18	7	11	2	19	7	13	1248.5308	0.0010
4127	18	7	12	2	19	7	12	1248.5308	0.0010
4128	19	7	13	2	20	8	13	1193.9463	-0.0001
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4130	19	7	12	2	19	8	12	1210.1051	-0.0002
4131	19	7	13	2	19	8	11	1210.1051	-0.0002
4132	19	7	13	2	20	7	13	1247.7100	0.0006
4133	19	7	12	2	20	7	14	1247.7100	0.0006
4134	20	7	13	2	21	8	13	1193.1282	-0.0004
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4136	20	7	14	2	20	8	12	1210.0936	-0.0002
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4138	20	7	13	2	21	7	15	1246.8883	0.0001
4139	20	7	14	2	21	7	14	1246.8883	0.0001
4140	20	7	13	2	19	7	13	1280.0192	0.0003
4141	20	7	14	2	19	7	12	1280.0192	0.0003
4142	21	7	15	2	22	8	15	1192.3099	-0.0002
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4144	21	7	15	2	21	8	13	1210.0811	-0.0002
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4146	21	7	14	2	22	7	16	1246.0664	0.0002
4147	21	7	15	2	22	7	15	1246.0664	0.0002
4148	22	7	16	2	23	8	16	1191.4908	-0.0002
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4150	22	7	16	2	22	8	14	1210.0681	-0.0000
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4152	22	7	15	2	23	7	17	1245.2444	0.0009
4153	22	7	16	2	23	7	16	1245.2444	0.0009
4154	22	7	15	2	21	7	15	1281.5991	0.0001
4155	22	7	16	2	21	7	14	1281.5991	0.0001
4156	23	7	16	2	24	8	16	1190.6710	-0.0001
4157	23	7	17	2	24	8	17	1190.6710	-0.0001
4158	23	7	16	2	23	8	16	1210.0538	0.0000
4159	23	7	17	2	23	8	15	1210.0538	0.0000
4160	23	7	16	2	24	7	18	1244.4204	0.0007
4161	23	7	17	2	24	7	17	1244.4204	0.0007
4162	23	7	17	2	22	7	15	1282.3868	-0.0003
4163	23	7	16	2	22	7	16	1282.3868	-0.0003
4164	24	7	18	2	25	8	18	1189.8506	0.0002

4165	24	7	17	2	25	8	17	1189.8506	0.0002
4166	24	7	17	2	24	8	17	1210.0389	0.0005
4167	24	7	18	2	24	8	16	1210.0389	0.0005
4168	24	7	17	2	23	7	17	1283.1740	0.0003
4169	24	7	18	2	23	7	16	1283.1740	0.0003
4170	25	7	19	2	26	8	19	1189.0295	0.0005
4171	25	7	18	2	26	8	18	1189.0295	0.0005
4172	25	7	18	2	25	8	18	1210.0219	-0.0001
4173	25	7	19	2	25	8	17	1210.0219	-0.0001
4174	25	7	19	2	26	7	19	1242.7698	0.0004
4175	25	7	18	2	26	7	20	1242.7698	0.0004
4176	26	7	20	2	27	8	20	1188.2067	-0.0001
4177	26	7	19	2	27	8	19	1188.2067	-0.0001
4178	26	7	20	2	26	8	18	1210.0042	-0.0002
4179	26	7	19	2	26	8	19	1210.0042	-0.0002
4180	26	7	20	2	27	7	20	1241.9428	0.0001
4181	26	7	19	2	27	7	21	1241.9428	0.0001
4182	26	7	20	2	25	7	18	1284.7424	0.0003
4183	26	7	19	2	25	7	19	1284.7424	0.0003
4184	27	7	20	2	28	8	20	1187.3823	-0.0013
4185	27	7	21	2	28	8	21	1187.3823	-0.0013
4186	27	7	21	2	27	8	19	1209.9853	-0.0004
4187	27	7	20	2	27	8	20	1209.9853	-0.0004
4188	27	7	21	2	26	7	19	1285.5234	-0.0004
4189	27	7	20	2	26	7	20	1285.5234	-0.0004
4190	28	7	22	2	29	8	22	1186.5594	-0.0000
4191	28	7	21	2	29	8	21	1186.5594	-0.0000
4192	28	7	21	2	28	8	21	1209.9653	-0.0004
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4194	28	7	22	2	29	7	22	1240.2863	0.0003
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4196	28	7	22	2	27	7	20	1286.3038	0.0000
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4198	29	7	23	2	30	8	23	1185.7344	0.0001
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4200	29	7	22	2	29	8	22	1209.9451	0.0008
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4210	31	7	24	2	31	8	24	1209.8973	0.0001
4211	31	7	25	2	31	8	23	1209.8973	0.0001
4212	31	7	25	2	30	7	23	1288.6318	-0.0004
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4214	32	7	25	2	33	8	25	1183.2520	-0.0000
4215	32	7	26	2	33	8	26	1183.2520	-0.0000
4216	33	7	27	2	34	8	27	1182.4217	-0.0005
4217	33	7	26	2	34	8	26	1182.4217	-0.0005
4218	33	7	27	2	33	8	25	1209.8444	0.0007
4219	33	7	26	2	33	8	26	1209.8444	0.0007
4220	33	7	27	2	34	7	27	1236.1225	0.0006
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4224	34	7	27	2	35	8	27	1181.5900	-0.0009
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4230	34	7	27	2	33	7	27	1290.9414	0.0000
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4232	35	7	29	2	35	8	27	1209.7830	-0.0002
4233	35	7	28	2	35	8	28	1209.7830	-0.0002
4234	35	7	29	2	34	7	27	1291.7060	-0.0004

4235	35	7	28	2	34	7	28	1291.7060	-0.0004
4236	36	7	30	2	37	8	30	1179.9232	-0.0008
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4238	36	7	30	2	36	8	28	1209.7492	-0.0009
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4240	36	7	29	2	35	7	29	1292.4688	0.0000
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4244	8	8	0	2	9	9	0	1194.8926	0.0010
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4246	9	8	2	2	10	9	2	1194.0811	0.0009
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4248	10	8	3	2	11	9	3	1193.2693	0.0007
4249	10	8	2	2	11	9	2	1193.2693	0.0007
4250	11	8	4	2	12	9	4	1192.4568	0.0003
4251	11	8	3	2	12	9	3	1192.4568	0.0003
4252	12	8	4	2	13	9	4	1191.6454	0.0012
4253	12	8	5	2	13	9	5	1191.6454	0.0012
4254	13	8	5	2	14	9	5	1190.8326	0.0010
4255	13	8	6	2	14	9	6	1190.8326	0.0010
4256	14	8	7	2	15	9	7	1190.0190	0.0004
4257	14	8	6	2	15	9	6	1190.0190	0.0004
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4260	15	8	8	2	16	9	8	1189.2057	0.0005
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4263	15	8	8	2	15	9	6	1202.1347	0.0008
4264	16	8	8	2	17	9	8	1188.3919	0.0004
4265	16	8	9	2	17	9	9	1188.3919	0.0004
4266	16	8	9	2	16	9	7	1202.1273	0.0001
4267	16	8	8	2	16	9	8	1202.1273	0.0001
4268	17	8	10	2	18	9	10	1187.5779	0.0005
4269	17	8	9	2	18	9	9	1187.5779	0.0005

4270	17	8	9	2	17	9	9	1202.1193	-0.0006
4271	17	8	10	2	17	9	8	1202.1193	-0.0006
4272	18	8	11	2	19	9	11	1186.7633	0.0004
4273	18	8	10	2	19	9	10	1186.7633	0.0004
4274	18	8	10	2	18	9	10	1202.1128	0.0009
4275	18	8	11	2	18	9	9	1202.1128	0.0009
4276	19	8	11	2	20	9	11	1185.9484	0.0004
4277	19	8	12	2	20	9	12	1185.9484	0.0004
4278	19	8	11	2	19	9	11	1202.1033	-0.0001
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4281	20	8	12	2	21	9	12	1185.1318	-0.0008
4282	21	8	13	2	22	9	13	1184.3160	-0.0008
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4284	21	8	13	2	21	9	13	1202.0841	-0.0002
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4286	22	8	15	2	23	9	15	1183.5001	-0.0003
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4288	22	8	14	2	22	9	14	1202.0730	-0.0006
4289	22	8	15	2	22	9	13	1202.0730	-0.0006
4290	22	8	14	2	23	8	16	1244.3899	-0.0010
4291	22	8	15	2	23	8	15	1244.3899	-0.0010
4292	22	8	14	2	22	8	14	1262.9673	-0.0007
4293	22	8	15	2	22	8	15	1262.9673	-0.0007
4294	22	8	15	2	21	8	13	1280.7386	-0.0007
4295	22	8	14	2	21	8	14	1280.7386	-0.0007
4296	23	8	15	2	24	9	15	1182.6834	-0.0003
4297	23	8	16	2	24	9	16	1182.6834	-0.0003
4298	23	8	15	2	24	8	17	1243.5675	-0.0022
4299	23	8	16	2	24	8	16	1243.5675	-0.0022
4300	23	8	15	2	23	8	15	1262.9519	-0.0005
4301	23	8	16	2	23	8	16	1262.9519	-0.0005
4302	23	8	16	2	22	8	14	1281.5289	-0.0007
4303	23	8	15	2	22	8	15	1281.5289	-0.0007
4304	24	8	17	2	25	9	17	1181.8656	-0.0007

4305	24	8	16	2	25	9	16	1181.8656	-0.0007
4306	24	8	16	2	24	9	16	1202.0496	-0.0002
4307	24	8	17	2	24	9	15	1202.0496	-0.0002
4308	24	8	17	2	23	8	15	1282.3179	-0.0007
4309	24	8	16	2	23	8	16	1282.3179	-0.0007
4310	25	8	17	2	26	9	17	1181.0468	-0.0015
4311	25	8	18	2	26	9	18	1181.0468	-0.0015
4312	25	8	18	2	25	9	16	1202.0353	-0.0013
4313	25	8	17	2	25	9	17	1202.0353	-0.0013
4314	25	8	18	2	25	8	18	1262.9174	-0.0009
4315	25	8	17	2	25	8	17	1262.9174	-0.0009
4316	25	8	18	2	24	8	16	1283.1054	-0.0008
4317	25	8	17	2	24	8	17	1283.1054	-0.0008
4318	26	8	19	2	27	9	19	1180.2292	-0.0005
4319	26	8	18	2	27	9	18	1180.2292	-0.0005
4320	26	8	19	2	26	9	17	1202.0205	-0.0021
4321	26	8	18	2	26	9	18	1202.0205	-0.0021
4322	26	8	18	2	27	8	20	1241.1007	-0.0011
4323	26	8	19	2	27	8	19	1241.1007	-0.0011
4324	26	8	19	2	26	8	19	1262.8969	-0.0027
4325	26	8	18	2	26	8	18	1262.8969	-0.0027
4326	27	8	19	2	28	9	19	1179.4095	-0.0009
4327	27	8	20	2	28	9	20	1179.4095	-0.0009
4328	27	8	20	2	27	9	18	1202.0062	-0.0013
4329	27	8	19	2	27	9	19	1202.0062	-0.0013
4330	28	8	21	2	29	9	21	1178.5884	-0.0020
4331	28	8	20	2	29	9	20	1178.5884	-0.0020
4332	28	8	21	2	28	9	19	1201.9900	-0.0014
4333	28	8	20	2	28	9	20	1201.9900	-0.0014
4334	29	8	21	2	30	9	21	1177.7689	-0.0008
4335	29	8	22	2	30	9	22	1177.7689	-0.0008
4336	30	8	23	2	31	9	23	1176.9478	-0.0003
4337	30	8	22	2	31	9	22	1176.9478	-0.0003
4338	31	8	23	2	32	9	23	1176.1237	-0.0020
4339	31	8	24	2	32	9	24	1176.1237	-0.0020

4340	32	8	25	2	32	9	23	1201.9128	-0.0027
4341	32	8	24	2	32	9	24	1201.9128	-0.0027
4342	33	8	26	2	33	9	24	1201.8913	-0.0020
4343	33	8	25	2	33	9	25	1201.8913	-0.0020
4344	14	9	5	2	15	10	5	1181.9300	0.0014
4345	14	9	6	2	15	10	6	1181.9300	0.0014
4346	14	9	5	2	14	10	5	1194.0483	0.0011
4347	14	9	6	2	14	10	4	1194.0483	0.0011
4348	15	9	7	2	16	10	7	1181.1184	0.0013
4349	15	9	6	2	16	10	6	1181.1184	0.0013
4350	16	9	7	2	17	10	7	1180.3057	0.0005
4351	16	9	8	2	17	10	8	1180.3057	0.0005
4352	16	9	7	2	16	10	7	1194.0385	0.0009
4353	16	9	8	2	16	10	6	1194.0385	0.0009
4354	17	9	9	2	18	10	9	1179.4934	0.0002
4355	17	9	8	2	18	10	8	1179.4934	0.0002
4356	18	9	10	2	19	10	10	1178.6807	-0.0002
4357	18	9	9	2	19	10	9	1178.6807	-0.0002
4358	18	9	9	2	18	10	9	1194.0251	-0.0011
4359	18	9	10	2	18	10	8	1194.0251	-0.0011
4360	19	9	10	2	20	10	10	1177.8685	0.0001
4361	19	9	11	2	20	10	11	1177.8685	0.0001
4362	19	9	10	2	19	10	10	1194.0189	-0.0010
4363	19	9	11	2	19	10	9	1194.0189	-0.0010
4364	20	9	11	2	21	10	11	1177.0540	-0.0015
4365	20	9	12	2	21	10	12	1177.0540	-0.0015
4366	20	9	12	2	20	10	10	1194.0120	-0.0009
4367	20	9	11	2	20	10	11	1194.0120	-0.0009
4368	21	9	12	2	22	10	12	1176.2417	-0.0006
4369	21	9	13	2	22	10	13	1176.2417	-0.0006
4370	21	9	13	2	21	10	11	1194.0044	-0.0011
4371	21	9	12	2	21	10	12	1194.0044	-0.0011
4372	22	9	14	2	23	10	14	1175.4267	-0.0022
4373	22	9	13	2	23	10	13	1175.4267	-0.0022
4374	22	9	14	2	22	10	12	1193.9959	-0.0014

4375	22	9	13	2	22	10	13	1193.9959	-0.0014
4376	14	10	5	2	15	11	5	1173.7588	0.0018
4377	14	10	4	2	15	11	4	1173.7588	0.0018
4378	15	10	6	2	16	11	6	1172.9499	0.0026
4379	15	10	5	2	16	11	5	1172.9499	0.0026
4380	16	10	7	2	17	11	7	1172.1388	0.0013
4381	16	10	6	2	17	11	6	1172.1388	0.0013
4382	17	10	8	2	18	11	8	1171.3284	0.0007
4383	17	10	7	2	18	11	7	1171.3284	0.0007
4384	18	10	8	2	19	11	8	1170.5185	0.0009
4385	18	10	9	2	19	11	9	1170.5185	0.0009