

2006	86.7756	97.7639	97.0449	71.3958	71.3958	79.5747
2007	86.9607	98.1105	97.8934	70.9821	70.9821	78.1422
2008	86.2856	94.1605	94.9582	69.7601	69.7601	72.5338
2009	85.4139	91.9338	93.2312	68.4801	68.4801	68.4801
2010	85.0038	92.8825	94.0258	67.8175	67.8175	67.8175
2011	83.0396	83.0396	83.0396	67.4686	67.4686	67.4686
2012	81.9436	81.9436	81.9436	67.2842	67.2842	67.2842
2013	81.3301	81.3301	81.3301	67.1848	67.1848	67.1848
2014	80.9847	80.9847	80.9847	67.1293	67.1293	67.1293
2015	80.7883	80.7883	80.7883	67.0964	67.0964	67.0964
2016	80.6746	80.6746	80.6746	67.0752	67.0752	67.0752
2017	80.6069	80.6069	80.6069	67.0601	67.0601	67.0601
2018	80.5648	80.5648	80.5648	67.0481	67.0481	67.0481
2019	80.5369	80.5369	80.5369	67.0377	67.0377	67.0377
2020	80.5169	80.5169	80.5169	67.0281	67.0281	67.0281
2021	80.5013	80.5013	80.5013	67.019	67.019	67.019
2022	80.4881	80.4881	80.4881	67.0101	67.0101	67.0101
2023	80.4762	80.4762	80.4762	67.0013	67.0013	67.0013
2024	80.4652	80.4652	80.4652	66.9926	66.9926	66.9926
2025	80.4545	80.4545	80.4545	66.984	66.984	66.984
2026	80.4441	80.4441	80.4441	66.9753	66.9753	66.9753
2027	80.4338	80.4338	80.4338	66.9667	66.9667	66.9667
2028	80.4236	80.4236	80.4236	66.958	66.958	66.958
2029	80.4134	80.4134	80.4134	66.9494	66.9494	66.9494
2030	80.4033	80.4033	80.4033	66.9408	66.9408	66.9408
2031	80.3931	80.3931	80.3931	66.9322	66.9322	66.9322
2032	80.383	80.383	80.383	66.9236	66.9236	66.9236
2033	80.3729	80.3729	80.3729	66.915	66.915	66.915
2034	80.3628	80.3628	80.3628	66.9064	66.9064	66.9064
2035	80.3527	80.3527	80.3527	66.8978	66.8978	66.8978
2036	80.3426	80.3426	80.3426	66.8892	66.8892	66.8892
2037	80.3325	80.3325	80.3325	66.8807	66.8807	66.8807
2038	80.3224	80.3224	80.3224	66.8721	66.8721	66.8721
2039	80.3123	80.3123	80.3123	66.8635	66.8635	66.8635
2040	80.3022	80.3022	80.3022	66.855	66.855	66.855
2041	80.2921	80.2921	80.2921	66.8464	66.8464	66.8464
2042	80.282	80.282	80.282	66.8379	66.8379	66.8379
2043	80.2719	80.2719	80.2719	66.8293	66.8293	66.8293
2044	80.2618	80.2618	80.2618	66.8208	66.8208	66.8208
2045	80.2517	80.2517	80.2517	66.8123	66.8123	66.8123
2046	80.2417	80.2417	80.2417	66.8037	66.8037	66.8037
2047	80.2316	80.2316	80.2316	66.7952	66.7952	66.7952
2048	80.2215	80.2215	80.2215	66.7867	66.7867	66.7867
2049	80.2114	80.2114	80.2114	66.7782	66.7782	66.7782
2050	80.2014	80.2014	80.2014	66.7697	66.7697	66.7697
2051	80.1913	80.1913	80.1913	66.7612	66.7612	66.7612
2052	80.1813	80.1813	80.1813	66.7527	66.7527	66.7527
2053	80.1712	80.1712	80.1712	66.7442	66.7442	66.7442
2054	80.1611	80.1611	80.1611	66.7357	66.7357	66.7357
2055	80.1511	80.1511	80.1511	66.7272	66.7272	66.7272
2056	80.141	80.141	80.141	66.7188	66.7188	66.7188
2057	80.131	80.131	80.131	66.7103	66.7103	66.7103
2058	80.1209	80.1209	80.1209	66.7018	66.7018	66.7018
2059	80.1109	80.1109	80.1109	66.6934	66.6934	66.6934
2060	80.1009	80.1009	80.1009	66.6849	66.6849	66.6849
2061	80.0908	80.0908	80.0908	66.6765	66.6765	66.6765

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2062	80.0808	80.0808	80.0808	66.668	66.668	66.668
2063	80.0707	80.0707	80.0707	66.6596	66.6596	66.6596
2064	80.0607	80.0607	80.0607	66.6511	66.6511	66.6511
2065	80.0507	80.0507	80.0507	66.6427	66.6427	66.6427
2066	80.0407	80.0407	80.0407	66.6343	66.6343	66.6343
2067	80.0306	80.0306	80.0306	66.6259	66.6259	66.6259
2068	80.0206	80.0206	80.0206	66.6175	66.6175	66.6175
2069	80.0106	80.0106	80.0106	66.6091	66.6091	66.6091
2070	80.0006	80.0006	80.0006	66.6007	66.6007	66.6007
2071	79.9906	79.9906	79.9906	66.5923	66.5923	66.5923
2072	79.9806	79.9806	79.9806	66.5839	66.5839	66.5839
2073	79.9706	79.9706	79.9706	66.5755	66.5755	66.5755
2074	79.9606	79.9606	79.9606	66.5671	66.5671	66.5671
2075	79.9506	79.9506	79.9506	66.5587	66.5587	66.5587
2076	79.9406	79.9406	79.9406	66.5504	66.5504	66.5504
2077	79.9306	79.9306	79.9306	66.542	66.542	66.542
2078	79.9206	79.9206	79.9206	66.5336	66.5336	66.5336
2079	79.9106	79.9106	79.9106	66.5253	66.5253	66.5253
2080	79.9006	79.9006	79.9006	66.5169	66.5169	66.5169
2081	79.8906	79.8906	79.8906	66.5086	66.5086	66.5086
2082	79.8806	79.8806	79.8806	66.5003	66.5003	66.5003
2083	79.8706	79.8706	79.8706	66.4919	66.4919	66.4919
2084	79.8607	79.8607	79.8607	66.4836	66.4836	66.4836
2085	79.8507	79.8507	79.8507	66.4753	66.4753	66.4753
2086	79.8407	79.8407	79.8407	66.4669	66.4669	66.4669
2087	79.8308	79.8308	79.8308	66.4586	66.4586	66.4586
2088	79.8208	79.8208	79.8208	66.4503	66.4503	66.4503
2089	79.8108	79.8108	79.8108	66.442	66.442	66.442
2090	79.8009	79.8009	79.8009	66.4337	66.4337	66.4337
2091	79.7909	79.7909	79.7909	66.4254	66.4254	66.4254
2092	79.7809	79.7809	79.7809	66.4171	66.4171	66.4171
2093	79.771	79.771	79.771	66.4089	66.4089	66.4089
2094	79.761	79.761	79.761	66.4006	66.4006	66.4006
2095	79.7511	79.7511	79.7511	66.3923	66.3923	66.3923
2096	79.7411	79.7411	79.7411	66.384	66.384	66.384
2097	79.7312	79.7312	79.7312	66.3758	66.3758	66.3758
2098	79.7213	79.7213	79.7213	66.3675	66.3675	66.3675
2099	79.7113	79.7113	79.7113	66.3593	66.3593	66.3593
2100	79.7014	79.7014	79.7014	66.351	66.351	66.351
2101	79.6915	79.6915	79.6915	66.3428	66.3428	66.3428
2102	79.6815	79.6815	79.6815	66.3345	66.3345	66.3345
2103	79.6716	79.6716	79.6716	66.3263	66.3263	66.3263
2104	79.6617	79.6617	79.6617	66.3181	66.3181	66.3181
2105	79.6517	79.6517	79.6517	66.3099	66.3099	66.3099
2106	79.6418	79.6418	79.6418	66.3016	66.3016	66.3016
2107	79.6319	79.6319	79.6319	66.2934	66.2934	66.2934
2108	79.622	79.622	79.622	66.2852	66.2852	66.2852
2109	79.6121	79.6121	79.6121	66.277	66.277	66.277
2110	79.6022	79.6022	79.6022	66.2688	66.2688	66.2688
2111	79.5923	79.5923	79.5923	66.2606	66.2606	66.2606
2112	79.5824	79.5824	79.5824	66.2524	66.2524	66.2524
2113	79.5725	79.5725	79.5725	66.2442	66.2442	66.2442
2114	79.5626	79.5626	79.5626	66.2361	66.2361	66.2361
2115	79.5527	79.5527	79.5527	66.2279	66.2279	66.2279
2116	79.5428	79.5428	79.5428	66.2197	66.2197	66.2197
2117	79.5329	79.5329	79.5329	66.2116	66.2116	66.2116

2118	79.523	79.523	79.523	66.2034	66.2034	66.2034
2119	79.5131	79.5131	79.5131	66.1952	66.1952	66.1952
2120	79.5032	79.5032	79.5032	66.1871	66.1871	66.1871
2121	79.4933	79.4933	79.4933	66.179	66.179	66.179
2122	79.4835	79.4835	79.4835	66.1708	66.1708	66.1708
2123	79.4736	79.4736	79.4736	66.1627	66.1627	66.1627
2124	79.4637	79.4637	79.4637	66.1545	66.1545	66.1545
2125	79.4538	79.4538	79.4538	66.1464	66.1464	66.1464
2126	79.444	79.444	79.444	66.1383	66.1383	66.1383
2127	79.4341	79.4341	79.4341	66.1302	66.1302	66.1302
2128	79.4242	79.4242	79.4242	66.1221	66.1221	66.1221
2129	79.4144	79.4144	79.4144	66.114	66.114	66.114
2130	79.4045	79.4045	79.4045	66.1059	66.1059	66.1059
2131	79.3947	79.3947	79.3947	66.0978	66.0978	66.0978
2132	79.3848	79.3848	79.3848	66.0897	66.0897	66.0897
2133	79.375	79.375	79.375	66.0816	66.0816	66.0816
2134	79.3651	79.3651	79.3651	66.0735	66.0735	66.0735
2135	79.3553	79.3553	79.3553	66.0654	66.0654	66.0654
2136	79.3454	79.3454	79.3454	66.0574	66.0574	66.0574
2137	79.3356	79.3356	79.3356	66.0493	66.0493	66.0493
2138	79.3258	79.3258	79.3258	66.0412	66.0412	66.0412
2139	79.3159	79.3159	79.3159	66.0332	66.0332	66.0332
2140	79.3061	79.3061	79.3061	66.0251	66.0251	66.0251
2141	79.2963	79.2963	79.2963	66.0171	66.0171	66.0171
2142	79.2864	79.2864	79.2864	66.009	66.009	66.009
2143	79.2766	79.2766	79.2766	66.001	66.001	66.001
2144	79.2668	79.2668	79.2668	65.993	65.993	65.993
2145	79.257	79.257	79.257	65.9849	65.9849	65.9849
2146	79.2472	79.2472	79.2472	65.9769	65.9769	65.9769
2147	79.2374	79.2374	79.2374	65.9689	65.9689	65.9689
2148	79.2275	79.2275	79.2275	65.9609	65.9609	65.9609
2149	79.2177	79.2177	79.2177	65.9529	65.9529	65.9529
2150	79.2079	79.2079	79.2079	65.9449	65.9449	65.9449
2151	79.1981	79.1981	79.1981	65.9369	65.9369	65.9369
2152	79.1883	79.1883	79.1883	65.9289	65.9289	65.9289
2153	79.1785	79.1785	79.1785	65.9209	65.9209	65.9209
2154	79.1687	79.1687	79.1687	65.9129	65.9129	65.9129
2155	79.1589	79.1589	79.1589	65.9049	65.9049	65.9049
2156	79.1492	79.1492	79.1492	65.8969	65.8969	65.8969
2157	79.1394	79.1394	79.1394	65.889	65.889	65.889
2158	79.1296	79.1296	79.1296	65.881	65.881	65.881
2159	79.1198	79.1198	79.1198	65.873	65.873	65.873
2160	79.11	79.11	79.11	65.8651	65.8651	65.8651
2161	79.1002	79.1002	79.1002	65.8571	65.8571	65.8571
2162	79.0905	79.0905	79.0905	65.8492	65.8492	65.8492
2163	79.0807	79.0807	79.0807	65.8412	65.8412	65.8412
2164	79.0709	79.0709	79.0709	65.8333	65.8333	65.8333
2165	79.0612	79.0612	79.0612	65.8253	65.8253	65.8253
2166	79.0514	79.0514	79.0514	65.8174	65.8174	65.8174
2167	79.0416	79.0416	79.0416	65.8095	65.8095	65.8095
2168	79.0319	79.0319	79.0319	65.8016	65.8016	65.8016
2169	79.0221	79.0221	79.0221	65.7937	65.7937	65.7937
2170	79.0124	79.0124	79.0124	65.7857	65.7857	65.7857
2171	79.0026	79.0026	79.0026	65.7778	65.7778	65.7778
2172	78.9929	78.9929	78.9929	65.7699	65.7699	65.7699
2173	78.9831	78.9831	78.9831	65.762	65.762	65.762

2174	78.9734	78.9734	78.9734	65.7541	65.7541	65.7541
2175	78.9636	78.9636	78.9636	65.7462	65.7462	65.7462
2176	78.9539	78.9539	78.9539	65.7384	65.7384	65.7384
2177	78.9442	78.9442	78.9442	65.7305	65.7305	65.7305
2178	78.9344	78.9344	78.9344	65.7226	65.7226	65.7226
2179	78.9247	78.9247	78.9247	65.7147	65.7147	65.7147
2180	78.915	78.915	78.915	65.7069	65.7069	65.7069
2181	78.9052	78.9052	78.9052	65.699	65.699	65.699
2182	78.8955	78.8955	78.8955	65.6912	65.6912	65.6912
2183	78.8858	78.8858	78.8858	65.6833	65.6833	65.6833
2184	78.8761	78.8761	78.8761	65.6755	65.6755	65.6755
2185	78.8664	78.8664	78.8664	65.6676	65.6676	65.6676
2186	78.8566	78.8566	78.8566	65.6598	65.6598	65.6598
2187	78.8469	78.8469	78.8469	65.6519	65.6519	65.6519
2188	78.8372	78.8372	78.8372	65.6441	65.6441	65.6441
2189	78.8275	78.8275	78.8275	65.6363	65.6363	65.6363
2190	78.8178	78.8178	78.8178	65.6285	65.6285	65.6285
2191	82.128	97.2963	98.6697	65.6292	65.6292	65.6292
2192	84.0442	96.554	98.5984	65.6298	65.6298	65.6298
2193	85.1885	95.3371	98.2806	65.6304	65.6304	65.6304
2194	85.9168	94.9202	98.8454	65.6309	65.6309	65.6309
2195	86.383	94.4236	99.2695	65.5922	65.5922	65.5922
2196	86.6912	93.8602	99.5677	65.5031	65.5031	65.5031
2197	86.9286	93.3418	99.8157	65.3895	65.3895	65.3895
2198	87.0898	92.6506	99.982	65.264	65.264	65.264
2199	87.2113	92.0478	100.003	65.1333	65.1333	65.1333
2200	87.3415	91.8493	99.7571	65.0007	65.0007	65.0007
2201	87.6972	92.2593	100.747	64.8683	64.8683	64.8683
2202	88.1404	92.7228	101.76	64.7369	64.7369	64.7369
2203	88.0222	91.7871	100.103	64.6053	64.6053	64.6053
2204	87.7698	91.0488	98.9528	64.4742	64.4742	64.4742
2205	87.6301	90.7592	98.5664	64.3441	64.3441	64.3441
2206	87.5695	90.5987	98.3417	64.2152	64.2152	64.2152
2207	87.5749	90.563	98.2802	64.0876	64.0876	64.0876
2208	87.5735	90.4493	98.0825	63.9611	63.9611	63.9611
2209	87.2842	89.5631	96.7172	63.835	63.835	63.835
2210	86.8346	88.542	95.2372	63.7093	63.7093	63.7093
2211	86.4154	87.8212	94.2426	63.5844	63.5844	63.5844
2212	86.1035	87.4107	93.6958	63.4605	63.4605	63.4605
2213	85.8456	87.0538	93.202	63.3377	63.3377	63.3377
2214	85.5809	86.6333	92.541	63.2157	63.2157	63.2157
2215	85.2981	86.1796	91.8197	63.0946	63.0946	63.0946
2216	85.0162	85.7482	91.1611	62.9745	62.9745	62.9745
2217	84.8348	85.5553	90.9959	62.8555	62.8555	62.8555
2218	84.7089	85.4177	90.8865	62.7376	62.7376	62.7376
2219	84.6106	85.3098	90.793	62.6209	62.6209	62.6209
2220	84.5258	85.2168	90.7049	62.5053	62.5053	62.5053
2221	84.4481	85.1314	90.622	62.3908	62.3908	62.3908
2222	84.3686	85.0477	90.5159	62.2774	62.2774	62.2774
2223	84.2884	84.9632	90.4096	62.1651	62.1651	62.1651
2224	83.1693	85.207	84.8647	63.8451	63.8451	71.3903
2225	82.467	84.4579	84.1665	64.7127	64.7127	72.1424
2226	81.996	83.9866	83.6956	65.1992	65.1992	72.6279
2227	81.657	83.7009	83.3518	65.5279	65.5279	73.0886
2228	81.3883	83.4654	83.0802	65.766	65.766	73.4088
2229	81.1562	83.2433	82.8471	65.9448	65.9448	73.6127

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2230	80.9444	83.0417	82.6345	66.0937	66.0937	73.7867
2231	82.2709	94.4147	84.8468	69.971	69.971	90.4758
2232	82.9792	95.2395	85.5154	72.2274	72.2274	92.817
2233	83.3404	95.6371	85.837	73.6419	73.6419	94.2338
2234	83.4915	95.6756	85.9448	74.5847	74.5847	95.0356
2235	83.5005	95.3874	85.9056	75.2276	75.2276	95.3603
2236	83.6549	95.2198	87.0829	75.5954	75.5954	95.0427
2237	83.8611	95.1675	88.1321	75.7897	75.7897	94.484
2238	84.0899	95.2805	89.0731	75.8667	75.8667	93.7594
2239	84.7366	96.5846	91.7059	75.8659	75.8659	92.9362
2240	85.1024	96.6219	92.2197	75.8041	75.8041	92.0294
2241	85.1479	95.9564	91.9376	75.6865	75.6865	91.0316
2242	85.1124	95.3118	92.0435	75.514	75.514	89.9349
2243	85.3703	96.2379	92.851	75.2999	75.2999	88.7869
2244	85.4875	96.224	92.9804	75.0337	75.0337	87.5312
2245	85.5383	95.9787	93.3797	74.7241	74.7241	86.2196
2246	85.6796	96.0333	94.3708	74.3856	74.3856	84.8989
2247	85.9272	96.6025	95.4217	74.0287	74.0287	83.5933
2248	86.1437	97.0595	96.2289	73.6241	73.6241	82.1336
2249	86.3375	97.4368	97.0626	73.1911	73.1911	80.67
2250	86.0206	95.2678	95.696	72.2755	72.2755	76.7624
2251	85.0113	91.0721	92.4216	70.7609	70.7609	70.7609
2252	84.5251	91.9785	93.17	69.9769	69.9769	69.9769
2253	82.5257	82.5257	82.5257	69.5656	69.5656	69.5656
2254	81.4102	81.4102	81.4102	69.349	69.349	69.349
2255	80.786	80.786	80.786	69.233	69.233	69.233
2256	80.4347	80.4347	80.4347	69.169	69.169	69.169
2257	80.235	80.235	80.235	69.1317	69.1317	69.1317
2258	80.1196	80.1196	80.1196	69.1083	69.1083	69.1083
2259	80.051	80.051	80.051	69.092	69.092	69.092
2260	80.0085	80.0085	80.0085	69.0795	69.0795	69.0795
2261	79.9804	79.9804	79.9804	69.0688	69.0688	69.0688
2262	79.9604	79.9604	79.9604	69.0591	69.0591	69.0591
2263	79.9448	79.9448	79.9448	69.05	69.05	69.05
2264	79.9317	79.9317	79.9317	69.0411	69.0411	69.0411
2265	79.92	79.92	79.92	69.0323	69.0323	69.0323
2266	79.909	79.909	79.909	69.0236	69.0236	69.0236
2267	79.8985	79.8985	79.8985	69.015	69.015	69.015
2268	79.8882	79.8882	79.8882	69.0064	69.0064	69.0064
2269	79.8781	79.8781	79.8781	68.9978	68.9978	68.9978
2270	83.1953	99.1957	100.359	68.9974	68.9974	68.9974
2271	85.1154	98.4573	100.292	68.997	68.997	68.997
2272	86.2572	96.7658	99.4023	68.9965	68.9965	68.9965
2273	86.9825	96.3412	99.9583	68.996	68.996	68.996
2274	87.446	95.7798	100.339	68.9479	68.9479	68.9479
2275	87.7419	95.1476	100.615	68.8385	68.8385	68.8385
2276	87.9696	94.6213	100.855	68.6993	68.6993	68.6993
2277	88.1358	93.9702	101.027	68.5458	68.5458	68.5458
2278	88.2463	93.2108	101.144	68.3859	68.3859	68.3859
2279	88.3644	92.975	100.898	68.2237	68.2237	68.2237
2280	88.6148	93.1149	101.347	68.0614	68.0614	68.0614
2281	89.1214	93.8188	102.864	67.9005	67.9005	67.9005
2282	89.1363	93.1477	101.681	67.7398	67.7398	67.7398
2283	88.8422	92.1702	100.106	67.5796	67.5796	67.5796
2284	88.6762	91.8492	99.6848	67.4207	67.4207	67.4207
2285	88.5856	91.6264	99.3767	67.2632	67.2632	67.2632

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2286	88.5717	91.5691	99.2922	67.1073	67.1073	67.1073
2287	88.5995	91.5548	99.2516	66.9528	66.9528	66.9528
2288	88.3086	90.6344	97.8261	66.799	66.799	66.799
2289	87.8221	89.5122	96.1936	66.6458	66.6458	66.6458
2290	87.3768	88.7664	95.1655	66.4937	66.4937	66.4937
2291	87.0389	88.3189	94.5664	66.3428	66.3428	66.3428
2292	86.7498	87.9103	93.9871	66.1932	66.1932	66.1932
2293	86.4491	87.4305	93.2271	66.0447	66.0447	66.0447
2294	86.1386	86.9453	92.4683	65.8973	65.8973	65.8973
2295	85.889	86.6163	92.0406	65.7512	65.7512	65.7512
2296	85.722	86.4383	91.889	65.6066	65.6066	65.6066
2297	85.6002	86.3059	91.7823	65.4633	65.4633	65.4633
2298	85.4996	86.1975	91.6814	65.3214	65.3214	65.3214
2299	85.41	86.1009	91.5891	65.1809	65.1809	65.1809
2300	85.3269	86.0109	91.5032	65.0417	65.0417	65.0417
2301	85.2424	85.9225	91.3967	64.9038	64.9038	64.9038
2302	85.157	85.8335	91.2889	64.7672	64.7672	64.7672
2303	84.6037	85.0975	89.0289	64.6308	64.6308	64.6308
2304	83.6111	85.0148	85.4032	65.8467	65.8467	71.6495
2305	82.9771	84.3845	84.768	66.476	66.476	72.2913
2306	82.5382	83.9493	84.328	66.8106	66.8106	72.6384
2307	82.2059	83.6204	83.9947	66.9969	66.9969	72.8362
2308	81.9319	83.3464	83.7207	67.106	67.106	72.9453
2309	81.6902	83.1047	83.479	67.176	67.176	73.0154
2310	81.4666	82.8811	83.2554	67.2264	67.2264	73.0657
2311	81.2536	82.6681	83.0424	67.2666	67.2666	73.106
2312	81.047	82.4615	82.8358	67.3017	67.3017	73.141
2313	81.662	88.904	83.6548	70.0854	70.0854	85.9004
2314	82.7203	94.9122	85.2798	73.146	73.146	93.6859
2315	83.2764	95.5569	85.793	74.9719	74.9719	95.5648
2316	83.5498	95.8535	86.0226	76.1544	76.1544	96.7334
2317	83.6192	95.5944	86.0386	76.9017	76.9017	97.129
2318	83.7533	95.3815	86.9688	77.3294	77.3294	96.915
2319	83.9724	95.2989	88.1811	77.5312	77.5312	96.3103
2320	84.1989	95.3691	89.1202	77.5871	77.5871	95.5054
2321	84.8776	96.7493	91.9186	77.5513	77.5513	94.5919
2322	85.2204	96.6734	92.282	77.4483	77.4483	93.5931
2323	85.2583	95.9674	92.0647	77.2859	77.2859	92.498
2324	85.2791	95.5986	92.309	77.0721	77.0721	91.3251
2325	85.5759	96.5801	93.1689	76.8202	76.8202	90.1162
2326	85.6311	96.2849	93.0911	76.5177	76.5177	88.7986
2327	85.6939	96.0895	93.7211	76.1816	76.1816	87.4637
2328	85.8568	96.2811	94.7208	75.823	75.823	86.1326
2329	86.0993	96.8299	95.7266	75.4413	75.4413	84.7819
2330	86.3098	97.2765	96.5206	75.0129	75.0129	83.2945
2331	86.4991	97.6331	97.3669	74.5617	74.5617	81.8215
2332	85.9375	94.2411	94.9233	73.4046	73.4046	76.7136
2333	85.0243	91.4113	92.7238	72.0289	72.0289	72.0289
2334	84.5911	92.337	93.4953	71.3163	71.3163	71.3163
2335	82.6163	82.6163	82.6163	70.9419	70.9419	70.9419
2336	81.5145	81.5145	81.5145	70.7442	70.7442	70.7442
2337	80.8978	80.8978	80.8978	70.6379	70.6379	70.6379
2338	80.5507	80.5507	80.5507	70.5787	70.5787	70.5787
2339	80.3533	80.3533	80.3533	70.5438	70.5438	70.5438
2340	80.2392	80.2392	80.2392	70.5215	70.5215	70.5215
2341	80.1714	80.1714	80.1714	70.5057	70.5057	70.5057

2342	80.1292	80.1292	80.1292	70.4932	70.4932	70.4932
2343	80.1013	80.1013	80.1013	70.4825	70.4825	70.4825
2344	80.0813	80.0813	80.0813	70.4727	70.4727	70.4727
2345	80.0658	80.0658	80.0658	70.4633	70.4633	70.4633
2346	80.0527	80.0527	80.0527	70.4542	70.4542	70.4542
2347	80.041	80.041	80.041	70.4452	70.4452	70.4452
2348	80.03	80.03	80.03	70.4363	70.4363	70.4363
2349	80.0195	80.0195	80.0195	70.4274	70.4274	70.4274
2350	80.0092	80.0092	80.0092	70.4185	70.4185	70.4185
2351	79.999	79.999	79.999	70.4097	70.4097	70.4097
2352	83.3111	98.7393	100.047	70.4088	70.4088	70.4088
2353	85.2254	97.9948	99.953	70.4078	70.4078	70.4078
2354	86.3698	96.6309	99.4785	70.4068	70.4068	70.4068
2355	87.098	96.2134	100.043	70.4057	70.4057	70.4057
2356	87.5618	95.6941	100.45	70.3536	70.3536	70.3536
2357	87.8626	95.1055	100.738	70.2358	70.2358	70.2358
2358	88.0921	94.5791	100.978	70.086	70.086	70.086
2359	88.2496	93.8959	101.141	69.921	69.921	69.921
2360	88.3613	93.23	101.19	69.749	69.749	69.749
2361	88.4823	93.0222	100.935	69.5746	69.5746	69.5746
2362	88.7996	93.3423	101.75	69.4002	69.4002	69.4002
2363	89.2923	93.9593	103.071	69.2271	69.2271	69.2271
2364	89.1951	93.0362	101.419	69.0541	69.0541	69.0541
2365	88.9163	92.2103	100.124	68.8818	68.8818	68.8818
2366	88.7579	91.8982	99.7126	68.711	68.711	68.711
2367	88.6806	91.7112	99.4551	68.5417	68.5417	68.5417
2368	88.6738	91.6602	99.3765	68.3741	68.3741	68.3741
2369	88.6134	91.3981	98.9581	68.2078	68.2078	68.2078
2370	88.2428	90.3499	97.3661	68.0423	68.0423	68.0423
2371	87.6978	89.1543	95.6458	67.8775	67.8775	67.8775
2372	87.3005	88.6368	94.9622	67.7141	67.7141	67.7141
2373	86.9791	88.1956	94.3553	67.552	67.552	67.552
2374	86.6577	87.6904	93.5671	67.3912	67.3912	67.3912
2375	86.3193	87.1496	92.7095	67.2316	67.2316	67.2316
2376	86.0396	86.7667	92.1913	67.0734	67.0734	67.0734
2377	85.857	86.5716	92.0264	66.9168	66.9168	66.9168
2378	85.7268	86.4301	91.9108	66.7616	66.7616	66.7616
2379	85.6207	86.3164	91.8017	66.6079	66.6079	66.6079
2380	85.5279	86.2166	91.7061	66.4557	66.4557	66.4557
2381	85.4413	86.1242	91.6125	66.3049	66.3049	66.3049
2382	85.3545	86.0341	91.5054	66.1555	66.1555	66.1555
2383	85.758	97.9194	88.3278	71.5906	71.5906	92.1083
2384	85.9529	98.228	88.4762	74.6125	74.6125	95.2058
2385	86.0236	98.3361	88.5009	76.3958	76.3958	96.9867
2386	85.9769	97.9738	88.3999	77.4452	77.4452	97.6957
2387	86.0267	97.6728	89.1822	78.0266	78.0266	97.6513
2388	86.1984	97.5345	90.3779	78.303	78.303	97.123
2389	86.366	97.4997	91.1719	78.3963	78.3963	96.365
2390	86.9906	98.8073	93.8657	78.3824	78.3824	95.4917
2391	87.3646	98.9003	94.4934	78.2965	78.2965	94.5386
2392	87.4026	98.2122	94.1923	78.1514	78.1514	93.4979
2393	87.3585	97.5654	94.2958	77.9508	77.9508	92.3611
2394	87.6068	98.4879	95.0986	77.709	77.709	91.1772
2395	87.7027	98.4295	95.1916	77.416	77.416	89.8878
2396	87.7402	98.1749	95.6051	77.0817	77.0817	88.5502
2397	87.869	98.2327	96.5818	76.7204	76.7204	87.2084

2398	88.1032	98.789	97.6197	76.341	76.341	85.8803
2399	88.3026	99.2249	98.4037	75.9136	75.9136	84.3944
2400	88.4801	99.5837	99.2232	75.459	75.459	82.9103
2401	88.1167	97.2448	97.7051	74.494	74.494	78.8322
2402	87.1082	93.2304	94.573	72.9831	72.9831	72.9831
2403	86.6218	94.1121	95.2994	72.2006	72.2006	72.2006
2404	84.6213	84.6213	84.6213	71.7901	71.7901	71.7901
2405	83.5051	83.5051	83.5051	71.5738	71.5738	71.5738
2406	82.8802	82.8802	82.8802	71.4577	71.4577	71.4577
2407	82.5282	82.5282	82.5282	71.3934	71.3934	71.3934
2408	82.328	82.328	82.328	71.3559	71.3559	71.3559
2409	82.212	82.212	82.212	71.3321	71.3321	71.3321
2410	82.1429	82.1429	82.1429	71.3155	71.3155	71.3155
2411	82.0998	82.0998	82.0998	71.3026	71.3026	71.3026
2412	82.0711	82.0711	82.0711	71.2916	71.2916	71.2916
2413	82.0505	82.0505	82.0505	71.2815	71.2815	71.2815
2414	82.0344	82.0344	82.0344	71.272	71.272	71.272
2415	82.0207	82.0207	82.0207	71.2627	71.2627	71.2627
2416	82.0085	82.0085	82.0085	71.2536	71.2536	71.2536
2417	81.997	81.997	81.997	71.2445	71.2445	71.2445
2418	81.9859	81.9859	81.9859	71.2355	71.2355	71.2355
2419	81.9751	81.9751	81.9751	71.2265	71.2265	71.2265
2420	81.9644	81.9644	81.9644	71.2176	71.2176	71.2176
2421	85.2804	101.209	102.39	71.2163	71.2163	71.2163
2422	87.1996	100.469	102.322	71.215	71.215	71.215
2423	88.341	98.8184	101.482	71.2136	71.2136	71.2136
2424	89.0659	98.3933	102.037	71.2123	71.2123	71.2123
2425	89.5253	97.8337	102.418	71.1579	71.1579	71.1579
2426	89.8128	97.1979	102.686	71.0356	71.0356	71.0356
2427	90.0291	96.6602	102.915	70.88	70.88	70.88
2428	90.1812	95.9918	103.072	70.7085	70.7085	70.7085
2429	90.2773	95.2182	103.175	70.53	70.53	70.53
2430	90.3821	94.9838	102.905	70.3489	70.3489	70.3489
2431	90.627	95.1325	103.386	70.1677	70.1677	70.1677
2432	91.1244	95.8271	104.894	69.9878	69.9878	69.9878
2433	91.1083	95.0979	103.612	69.8084	69.8084	69.8084
2434	90.8007	94.1245	102.057	69.6296	69.6296	69.6296
2435	90.6218	93.7944	101.63	69.4523	69.4523	69.4523
2436	90.5175	93.5614	101.314	69.2765	69.2765	69.2765
2437	90.4894	93.4936	101.221	69.1025	69.1025	69.1025
2438	90.5023	93.4691	101.173	68.9301	68.9301	68.9301
2439	90.341	92.9333	100.339	68.7589	68.7589	68.7589
2440	89.9772	92.0291	99.0008	68.5887	68.5887	68.5887
2441	89.4929	91.0136	97.5589	68.4195	68.4195	68.4195
2442	88.7543	89.8629	95.1945	68.2508	68.2508	68.2508
2443	87.2968	88.174	89.99	68.0814	68.0814	68.0814
2444	86.4053	87.2891	89.0844	67.9136	67.9136	67.9136
2445	85.8171	86.717	88.4614	67.7474	67.7474	67.7474
2446	85.3953	86.3187	88.0087	67.5827	67.5827	67.5827
2447	85.0643	86.0112	87.6467	67.4195	67.4195	67.4195
2448	84.7828	85.7532	87.3344	67.2579	67.2579	67.2579
2449	84.4649	85.3782	86.7549	67.0976	67.0976	67.0976
2450	84.2601	85.2409	86.7981	66.939	66.939	66.939
2451	84.0297	85.0029	86.4697	66.7818	66.7818	66.7818
2452	83.6452	84.3858	85.502	66.6256	66.6256	66.6256
2453	83.2991	83.9914	85.0349	66.4709	66.4709	66.4709

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2454	83.0958	83.9146	85.1487	66.3178	66.3178	66.3178
2455	82.5017	82.7747	83.1862	66.1653	66.1653	66.1653
2456	82.0603	82.3333	82.7448	66.0142	66.0142	66.0142
2457	81.7024	81.9754	82.3869	65.8645	65.8645	65.8645
2458	81.3907	81.6638	82.0753	65.7162	65.7162	65.7162
2459	81.105	81.378	81.7895	65.5693	65.5693	65.5693
2460	80.9316	81.3428	81.9627	65.4239	65.4239	65.4239
2461	80.8917	81.5356	82.5062	65.2803	65.2803	65.2803
2462	80.9339	81.8105	83.1317	65.1384	65.1384	65.1384
2463	80.5712	81.0291	81.7191	64.9971	64.9971	64.9971
2464	80.3435	80.9075	81.7576	64.8574	64.8574	64.8574
2465	80.1938	80.864	81.8741	64.7191	64.7191	64.7191
2466	80.0912	80.8675	82.0376	64.5822	64.5822	64.5822
2467	80.7497	81.6254	85.7119	64.4485	64.4485	64.4485
2468	82.0572	93.3574	86.347	69.3103	69.3103	87.9789
2469	82.9528	94.2334	88.2081	71.7138	71.7138	89.4938
2470	84.0118	96.0079	91.4288	72.8659	72.8659	89.7508
2471	84.4248	95.7362	91.3715	73.3702	73.3702	89.3483
2472	84.5261	95.1025	91.3546	73.5239	73.5239	88.5587
2473	84.6512	95.0978	91.7851	73.4832	73.4832	87.5595
2474	84.9442	95.9086	92.5294	73.3289	73.3289	86.4388
2475	84.9864	95.5698	92.4181	73.0875	73.0875	85.1806
2476	85.0839	95.4412	93.2706	72.7974	72.7974	83.8963
2477	85.2811	95.7649	94.2935	72.4774	72.4774	82.6117
2478	85.5271	96.3013	95.2622	72.1234	72.1234	81.2683
2479	85.7412	96.7436	96.0683	71.7231	71.7231	79.8133
2480	85.9341	97.098	96.9246	71.2997	71.2997	78.3712
2481	85.1689	92.6625	93.5628	69.9779	69.9779	72.2755
2482	84.3423	90.9804	92.2644	68.7526	68.7526	68.7526
2483	83.9575	91.9544	93.0842	68.1181	68.1181	68.1181
2484	82.0054	82.0054	82.0054	67.7846	67.7846	67.7846
2485	80.9164	80.9164	80.9164	67.6086	67.6086	67.6086
2486	80.3068	80.3068	80.3068	67.5139	67.5139	67.5139
2487	79.9637	79.9637	79.9637	67.4612	67.4612	67.4612
2488	79.7687	79.7687	79.7687	67.4302	67.4302	67.4302
2489	79.6559	79.6559	79.6559	67.4104	67.4104	67.4104
2490	79.5889	79.5889	79.5889	67.3964	67.3964	67.3964
2491	79.5472	79.5472	79.5472	67.3853	67.3853	67.3853
2492	79.5197	79.5197	79.5197	67.3758	67.3758	67.3758
2493	79.5	79.5	79.5	67.3671	67.3671	67.3671
2494	79.4847	79.4847	79.4847	67.3588	67.3588	67.3588
2495	79.4718	79.4718	79.4718	67.3508	67.3508	67.3508
2496	79.4602	79.4602	79.4602	67.3428	67.3428	67.3428
2497	79.4494	79.4494	79.4494	67.3349	67.3349	67.3349
2498	79.4391	79.4391	79.4391	67.327	67.327	67.327
2499	79.4289	79.4289	79.4289	67.3192	67.3192	67.3192
2500	79.4189	79.4189	79.4189	67.3114	67.3114	67.3114
2501	82.7268	97.6638	99.0955	67.311	67.311	67.311
2502	84.6415	96.9201	99.0229	67.3105	67.3105	67.3105
2503	85.7863	95.8348	98.8637	67.3101	67.3101	67.3101
2504	86.5149	95.4185	99.4291	67.3096	67.3096	67.3096
2505	86.9801	94.9393	99.8648	67.2661	67.2661	67.2661
2506	87.2879	94.3908	100.165	67.1675	67.1675	67.1675
2507	87.5233	93.8674	100.411	67.0419	67.0419	67.0419
2508	87.6769	93.1501	100.57	66.9034	66.9034	66.9034
2509	87.7968	92.5954	100.545	66.7592	66.7592	66.7592

ANEXO 1E
SIMULACIONES, CÁLCULOS Y GRÁFICAS

INVERTER TEMPERAT-EBRCL13.xls

ALSTOM

00011263

2510	87.9243	92.3943	100.297	66.6129	66.6129	66.6129
2511	88.3098	92.8936	101.47	66.4668	66.4668	66.4668
2512	88.6846	93.1725	102.126	66.3215	66.3215	66.3215
2513	88.5264	92.1997	100.435	66.1762	66.1762	66.1762
2514	88.2905	91.5483	99.4387	66.0316	66.0316	66.0316
2515	88.157	91.2618	99.0534	65.8883	65.8883	65.8883
2516	88.1051	91.1254	98.8629	65.7462	65.7462	65.7462
2517	88.114	91.0902	98.8	65.6055	65.6055	65.6055
2518	87.9785	90.6059	98.0397	65.4658	65.4658	65.4658
2519	87.5706	89.5321	96.4314	65.3266	65.3266	65.3266
2520	87.0642	88.4979	94.958	65.1881	65.1881	65.1881
2521	85.5654	87.364	88.7984	66.2572	66.2572	71.4809
2522	84.6731	86.4716	87.9061	66.7994	66.7994	72.023
2523	84.1103	85.9088	87.3433	67.0768	67.0768	72.3004
2524	83.7267	85.5252	86.9597	67.2211	67.2211	72.4448
2525	83.4409	85.2394	86.6739	67.2985	67.2985	72.5222
2526	83.2087	85.0072	86.4417	67.3423	67.3423	72.566
2527	83.0061	84.8047	86.2391	67.3691	67.3691	72.5928
2528	82.8202	84.6187	86.0532	67.3874	67.3874	72.611
2529	82.6438	84.4423	85.8768	67.4013	67.4013	72.6249
2530	82.4731	84.2717	85.7061	67.4129	67.4129	72.6366
2531	82.3061	84.1047	85.5391	67.4234	67.4234	72.647
2532	82.1416	83.9402	85.3746	67.4332	67.4332	72.6569
2533	81.979	83.7776	85.212	67.4427	67.4427	72.6663
2534	81.818	83.6165	85.051	67.4519	67.4519	72.6756
2535	81.6653	83.5715	84.8865	67.5416	67.5416	73.0901
2536	81.5105	83.4089	84.7326	67.5901	67.5901	73.1149
2537	81.3524	83.2014	84.5799	67.5862	67.5862	72.9618
2538	81.1929	82.9923	84.4258	67.5538	67.5538	72.7801
2539	81.3169	82.1381	85.8314	66.3326	66.3326	66.3326
2540	82.1252	83.3738	89.5777	65.6519	65.6519	65.6519
2541	82.4621	83.579	89.5876	65.2423	65.2423	65.2423
2542	82.5212	83.4749	89.2281	64.9694	64.9694	64.9694
2543	82.4294	83.2282	88.7389	64.7656	64.7656	64.7656
2544	82.3138	83.0422	88.4638	64.5973	64.5973	64.5973
2545	82.2292	82.9485	88.3922	64.4475	64.4475	64.4475
2546	82.1619	82.8723	88.3375	64.3076	64.3076	64.3076
2547	82.1033	82.8057	88.2869	64.1733	64.1733	64.1733
2548	82.0469	82.7434	88.2282	64.0424	64.0424	64.0424
2549	81.9921	82.6828	88.171	63.9138	63.9138	63.9138
2550	81.9383	82.6234	88.115	63.787	63.787	63.787
2551	81.8821	82.5635	88.0445	63.6617	63.6617	63.6617
2552	81.8235	82.502	87.9675	63.5377	63.5377	63.5377
2553	81.7637	82.4393	87.8899	63.4149	63.4149	63.4149
2554	81.2857	81.7935	85.8908	63.2924	63.2924	63.2924
2555	81.596	91.8946	83.9341	68.2497	68.2497	87.1896
2556	82.0368	94.2732	84.5811	71.5125	71.5125	92.0848
2557	82.256	94.5517	84.7538	73.4372	73.4372	94.0291
2558	82.3239	94.4649	84.7703	74.6205	74.6205	95.0252
2559	82.3425	94.1286	85.0281	75.3333	75.3333	95.264
2560	81.8207	88.8944	84.9241	74.3585	74.3585	89.1423
2561	80.6349	81.5499	83.1829	70.2235	70.2235	70.2235
2562	79.921	80.7991	82.5181	68.0723	68.0723	68.0723
2563	79.4641	80.3052	82.1103	66.9184	66.9184	66.9184
2564	79.1487	79.9598	81.8467	66.2662	66.2662	66.2662
2565	78.9384	79.6991	81.8092	65.8667	65.8667	65.8667

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2566	78.7775	79.5189	81.7644	65.5949	65.5949	65.5949
2567	78.6239	79.3616	81.6333	65.3879	65.3879	65.3879
2568	78.4758	79.2113	81.5101	65.2141	65.2141	65.2141
2569	78.3315	79.0649	81.3907	65.0577	65.0577	65.0577
2570	78.1617	78.9069	81.1258	64.9106	64.9106	64.9106
2571	77.9998	78.745	80.9639	64.7688	64.7688	64.7688
2572	77.8427	78.5879	80.8067	64.6303	64.6303	64.6303
2573	77.6886	78.4338	80.6527	64.4941	64.4941	64.4941
2574	77.5368	78.282	80.5008	64.3597	64.3597	64.3597
2575	77.3865	78.1317	80.3506	64.2268	64.2268	64.2268
2576	77.2377	77.9829	80.2018	64.0953	64.0953	64.0953
2577	77.0902	77.8353	80.0542	63.9651	63.9651	63.9651
2578	76.9437	77.6889	79.9078	63.8361	63.8361	63.8361
2579	76.7984	77.5436	79.7625	63.7084	63.7084	63.7084
2580	76.6542	77.3994	79.6182	63.5819	63.5819	63.5819
2581	76.511	77.2562	79.475	63.4565	63.4565	63.4565
2582	76.3688	77.114	79.3329	63.3323	63.3323	63.3323
2583	76.2277	76.9729	79.1917	63.2093	63.2093	63.2093
2584	76.083	76.8315	79.027	63.0875	63.0875	63.0875
2585	75.9297	76.6865	78.8246	62.9667	62.9667	62.9667
2586	75.7718	76.5367	78.6174	62.8471	62.8471	62.8471
2587	77.2148	88.4975	81.5596	67.701	67.701	86.2964
2588	78.2604	89.628	83.7783	70.096	70.096	87.7673
2589	79.3581	91.3198	86.8328	71.2393	71.2393	87.9828
2590	79.7549	90.924	86.5859	71.7361	71.7361	87.5467
2591	79.8837	90.3135	86.7367	71.8828	71.8828	86.7214
2592	80.1176	90.7129	87.3743	71.84	71.84	85.7077
2593	80.3954	91.2738	87.946	71.6829	71.6829	84.5632
2594	80.4692	90.9867	87.9898	71.4442	71.4442	83.3081
2595	80.6219	90.9317	89.0059	71.1603	71.1603	82.0326
2596	80.8802	91.4361	90.0764	70.8503	70.8503	80.7673
2597	81.1529	91.981	91.0213	70.4997	70.4997	79.4026
2598	81.3949	92.4341	91.8735	70.1086	70.1086	77.966
2599	81.5372	92.4129	92.4027	69.6194	69.6194	76.1395
2600	80.578	87.0696	88.2397	68.1011	68.1011	69.1478
2601	79.8959	86.8445	88.0933	67.0601	67.0601	67.0601
2602	79.592	87.8995	88.9941	66.521	66.521	66.521
2603	77.6803	77.6803	77.6803	66.2371	66.2371	66.2371
2604	76.6142	76.6142	76.6142	66.0869	66.0869	66.0869
2605	76.0179	76.0179	76.0179	66.0059	66.0059	66.0059
2606	75.6826	75.6826	75.6826	65.9605	65.9605	65.9605
2607	75.4925	75.4925	75.4925	65.9335	65.9335	65.9335
2608	75.3829	75.3829	75.3829	65.916	65.916	65.916
2609	75.3181	75.3181	75.3181	65.9035	65.9035	65.9035
2610	75.2782	75.2782	75.2782	65.8935	65.8935	65.8935
2611	75.2522	75.2522	75.2522	65.8848	65.8848	65.8848
2612	75.2338	75.2338	75.2338	65.8767	65.8767	65.8767
2613	75.2197	75.2197	75.2197	65.8691	65.8691	65.8691
2614	75.208	75.208	75.208	65.8616	65.8616	65.8616
2615	75.1976	75.1976	75.1976	65.8542	65.8542	65.8542
2616	75.188	75.188	75.188	65.8468	65.8468	65.8468
2617	75.1787	75.1787	75.1787	65.8395	65.8395	65.8395
2618	75.1697	75.1697	75.1697	65.8322	65.8322	65.8322
2619	75.1608	75.1608	75.1608	65.8249	65.8249	65.8249
2620	78.4645	92.7939	94.379	65.8248	65.8248	65.8248
2621	80.3766	91.978	94.2517	65.8245	65.8245	65.8245

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2622	81.5244	91.3101	94.563	65.8243	65.8243	65.8243
2623	82.2286	90.9105	95.1299	65.7848	65.7848	65.7848
2624	82.6704	90.4155	95.5501	65.695	65.695	65.695
2625	82.9851	89.9155	95.8649	65.5807	65.5807	65.5807
2626	83.2323	89.3912	96.1218	65.4547	65.4547	65.4547
2627	83.4022	88.6875	96.2957	65.3234	65.3234	65.3234
2628	83.5537	88.2865	96.2269	65.1901	65.1901	65.1901
2629	83.7244	88.1505	96.0776	65.0566	65.0566	65.0566
2630	84.1982	88.8227	97.5667	64.9242	64.9242	64.9242
2631	84.4817	88.7966	97.5975	64.7926	64.7926	64.7926
2632	84.2954	87.8201	95.9242	64.6612	64.6612	64.6612
2633	84.125	87.3556	95.2284	64.5307	64.5307	64.5307
2634	84.0416	87.1252	94.9031	64.4014	64.4014	64.4014
2635	84.036	87.0517	94.7862	64.2732	64.2732	64.2732
2636	84.0828	87.0575	94.7663	64.1463	64.1463	64.1463
2637	83.9974	86.6561	94.115	64.0203	64.0203	64.0203
2638	83.6633	85.7173	92.6908	63.8948	63.8948	63.8948
2639	83.1879	84.6583	91.1633	63.7699	63.7699	63.7699
2640	82.8522	84.2121	90.57	63.646	63.646	63.646
2641	82.5942	83.8545	90.0746	63.5231	63.5231	63.5231
2642	82.3659	83.5109	89.5633	63.4012	63.4012	63.4012
2643	82.1241	83.1086	88.9101	63.2803	63.2803	63.2803
2644	81.8717	82.6996	88.2559	63.1602	63.1602	63.1602
2645	81.6522	82.3821	87.8	63.0413	63.0413	63.0413
2646	81.5142	82.2344	87.6757	62.9234	62.9234	62.9234
2647	81.4208	82.1317	87.5956	62.8067	62.8067	62.8067
2648	81.3509	82.0533	87.5345	62.6911	62.6911	62.6911
2649	81.2911	81.9873	87.4722	62.5766	62.5766	62.5766
2650	81.237	81.9272	87.4158	62.4632	62.4632	62.4632
2651	81.1864	81.8705	87.3627	62.3509	62.3509	62.3509
2652	81.1334	81.8142	87.2916	62.2396	62.2396	62.2396
2653	81.0789	81.7565	87.2177	62.1295	62.1295	62.1295
2654	81.0237	81.6983	87.1435	62.0203	62.0203	62.0203
2655	79.4161	79.6211	79.9128	61.9089	61.9089	61.9089
2656	78.437	78.6423	78.9344	61.7985	61.7985	61.7985
2657	77.7962	77.9976	78.2842	61.6892	61.6892	61.6892
2658	77.2695	77.3731	77.5205	61.5807	61.5807	61.5807
2659	76.8644	76.9546	77.0829	61.4732	61.4732	61.4732
2660	76.5256	76.6024	76.7116	61.3666	61.3666	61.3666
2661	76.3522	76.5886	76.9251	61.2613	61.2613	61.2613
2662	76.3223	76.7809	77.4334	61.1573	61.1573	61.1573
2663	76.3472	76.9754	77.8936	61.0546	61.0546	61.0546
2664	76.2849	76.8826	77.8751	60.9528	60.9528	60.9528
2665	76.1764	76.7435	77.8104	60.852	60.852	60.852
2666	76.0446	76.5843	77.7245	60.7521	60.7521	60.7521
2667	75.8982	76.4258	77.6058	60.6532	60.6532	60.6532
2668	75.7389	76.2664	77.4464	60.5552	60.5552	60.5552
2669	75.5867	76.0861	77.3584	60.4581	60.4581	60.4581
2670	75.4353	75.918	77.249	60.362	60.362	60.362
2671	76.4354	85.3664	78.6082	64.9384	64.9384	82.5779
2672	77.4686	89.6998	80.0148	68.4056	68.4056	88.974
2673	78.022	90.3171	80.5205	70.4476	70.4476	91.0396
2674	78.2834	90.4238	80.7296	71.7032	71.7032	92.1074
2675	78.4212	90.2041	81.1172	72.4635	72.4635	92.3874
2676	78.7044	90.1136	82.6549	72.8568	72.8568	91.9637
2677	78.9614	90.1553	83.581	73.0297	73.0297	91.2515

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2678	79.5434	91.1844	85.8873	73.0741	73.0741	90.4034
2679	80.0997	91.7943	87.3575	73.0362	73.0362	89.4653
2680	80.2301	91.1628	86.9991	72.9359	72.9359	88.447
2681	80.2316	90.4467	87.1205	72.778	72.778	87.3294
2682	80.5024	91.2933	87.92	72.5798	72.5798	86.1741
2683	80.6854	91.4579	88.1933	72.3347	72.3347	84.9325
2684	80.7665	91.2268	88.5246	72.0487	72.0487	83.6398
2685	80.9326	91.2565	89.5461	71.7354	71.7354	82.3407
2686	81.2085	91.8528	90.6256	71.4054	71.4054	81.0616
2687	81.4646	92.3576	91.4935	71.031	71.031	79.6427
2688	81.6955	92.7792	92.3566	70.6257	70.6257	78.2029
2689	81.5221	91.192	91.5064	69.8379	69.8379	74.8527
2690	80.4941	86.3368	87.7111	68.2758	68.2758	68.2758
2691	79.9995	87.3219	88.5283	67.4675	67.4675	67.4675
2692	77.9981	77.9981	77.9981	67.0447	67.0447	67.0447
2693	76.882	76.882	76.882	66.8228	66.8228	66.8228
2694	76.2579	76.2579	76.2579	66.7047	66.7047	66.7047
2695	75.9073	75.9073	75.9073	66.6401	66.6401	66.6401
2696	75.7085	75.7085	75.7085	66.6032	66.6032	66.6032
2697	75.5941	75.5941	75.5941	66.5805	66.5805	66.5805
2698	75.5267	75.5267	75.5267	66.5653	66.5653	66.5653
2699	75.4853	75.4853	75.4853	66.5538	66.5538	66.5538
2700	75.4583	75.4583	75.4583	66.5444	66.5444	66.5444
2701	75.4395	75.4395	75.4395	66.5359	66.5359	66.5359
2702	75.4251	75.4251	75.4251	66.528	66.528	66.528
2703	75.4132	75.4132	75.4132	66.5203	66.5203	66.5203
2704	75.4026	75.4026	75.4026	66.5128	66.5128	66.5128
2705	75.3929	75.3929	75.3929	66.5054	66.5054	66.5054
2706	75.3835	75.3835	75.3835	66.498	66.498	66.498
2707	75.3745	75.3745	75.3745	66.4906	66.4906	66.4906
2708	75.3655	75.3655	75.3655	66.4832	66.4832	66.4832
2709	78.6861	94.9429	96.0415	66.4828	66.4828	66.4828
2710	80.6088	94.207	95.9767	66.4823	66.4823	66.4823
2711	81.7511	92.3706	94.9125	66.4817	66.4817	66.4817
2712	82.4772	91.9467	95.4694	66.4811	66.4811	66.4811
2713	82.9494	91.3736	95.8447	66.4398	66.4398	66.4398
2714	83.2637	90.7513	96.1376	66.3461	66.3461	66.3461
2715	83.5142	90.2368	96.397	66.2268	66.2268	66.2268
2716	83.7125	89.6311	96.6031	66.0953	66.0953	66.0953
2717	83.854	88.8991	96.7485	65.9583	65.9583	65.9583
2718	84.0001	88.6425	96.5698	65.8193	65.8193	65.8193
2719	84.2506	88.7316	96.8844	65.6802	65.6802	65.6802
2720	84.7701	89.4486	98.4154	65.5423	65.5423	65.5423
2721	84.8757	88.9647	97.5665	65.4047	65.4047	65.4047
2722	84.61	87.9534	95.8991	65.2675	65.2675	65.2675
2723	84.4736	87.6629	95.509	65.1314	65.1314	65.1314
2724	84.408	87.4547	95.2087	64.9965	64.9965	64.9965
2725	84.4212	87.4258	95.1535	64.8628	64.8628	64.8628
2726	84.4767	87.4415	95.1441	64.7305	64.7305	64.7305
2727	84.3194	86.8396	94.1874	64.599	64.599	64.599
2728	83.9532	85.8916	92.7723	64.4681	64.4681	64.4681
2729	83.5017	84.9478	91.425	64.3379	64.3379	64.3379
2730	83.1849	84.5339	90.8768	64.2088	64.2088	64.2088
2731	82.9397	84.1951	90.4085	64.0808	64.0808	64.0808
2732	82.7225	83.8706	89.9279	63.9538	63.9538	63.9538
2733	82.4939	83.494	89.3199	63.8279	63.8279	63.8279

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2734	82.2563	83.1125	88.713	63.703	63.703	63.703
2735	82.0241	82.7566	88.1682	63.5791	63.5791	63.5791
2736	81.8773	82.6009	88.0342	63.4563	63.4563	63.4563
2737	81.7776	82.4921	87.9472	63.3348	63.3348	63.3348
2738	81.7039	82.4094	87.8864	63.2144	63.2144	63.2144
2739	81.6415	82.3402	87.8237	63.0952	63.0952	63.0952
2740	81.5849	82.2773	87.7646	62.9772	62.9772	62.9772
2741	81.5319	82.2179	87.709	62.8602	62.8602	62.8602
2742	81.4777	82.1591	87.6398	62.7444	62.7444	62.7444
2743	81.4212	82.099	87.5613	62.6296	62.6296	62.6296
2744	81.3634	82.0379	87.4822	62.516	62.516	62.516
2745	80.2016	81.4742	82.0341	63.643	63.643	68.9989
2746	79.4826	80.6703	81.3413	64.1568	64.1568	69.2233
2747	78.7348	79.3751	79.7417	63.8901	63.8901	66.6235
2748	77.9472	78.0245	78.0688	63.1822	63.1822	63.5124
2749	77.7495	78.2606	78.9876	62.6988	62.6988	62.6988
2750	77.6584	78.2285	79.2882	62.4002	62.4002	62.4002
2751	77.5485	78.0541	79.306	62.1949	62.1949	62.1949
2752	77.4248	77.8977	79.2756	62.037	62.037	62.037
2753	77.2745	77.7474	79.1253	61.9034	61.9034	61.9034
2754	77.1104	77.5833	78.9612	61.7825	61.7825	61.7825
2755	76.9395	77.4124	78.7903	61.6685	61.6685	61.6685
2756	76.7654	77.2383	78.6162	61.5584	61.5584	61.5584
2757	76.5902	77.0631	78.441	61.4508	61.4508	61.4508
2758	76.415	76.8879	78.2658	61.3449	61.3449	61.3449
2759	76.2403	76.7132	78.0911	61.2404	61.2404	61.2404
2760	76.0665	76.5394	77.9173	61.1371	61.1371	61.1371
2761	75.8937	76.3667	77.7446	61.0348	61.0348	61.0348
2762	75.7221	76.195	77.5729	60.9335	60.9335	60.9335
2763	75.5517	76.0246	77.4025	60.8331	60.8331	60.8331
2764	75.3824	75.8554	77.2333	60.7338	60.7338	60.7338
2765	75.2144	75.6873	77.0652	60.6353	60.6353	60.6353
2766	75.0475	75.5205	76.8984	60.5378	60.5378	60.5378
2767	74.8819	75.3548	76.7327	60.4411	60.4411	60.4411
2768	74.7174	75.1904	76.5683	60.3454	60.3454	60.3454
2769	74.5542	75.0271	76.405	60.2505	60.2505	60.2505
2770	74.3921	74.865	76.2429	60.1566	60.1566	60.1566
2771	74.2311	74.704	76.0819	60.0635	60.0635	60.0635
2772	74.0713	74.5443	75.9222	59.9713	59.9713	59.9713
2773	73.9127	74.3856	75.7635	59.8799	59.8799	59.8799
2774	73.7552	74.2281	75.606	59.7894	59.7894	59.7894
2775	73.5989	74.0718	75.4497	59.6997	59.6997	59.6997
2776	73.4436	73.9166	75.2945	59.6108	59.6108	59.6108
2777	73.2895	73.7624	75.1403	59.5228	59.5228	59.5228
2778	73.1396	73.609	75.0037	59.4356	59.4356	59.4356
2779	72.9895	73.4589	74.8534	59.3492	59.3492	59.3492
2780	72.8368	73.3097	74.6876	59.2636	59.2636	59.2636
2781	72.6865	73.1589	74.5393	59.1788	59.1788	59.1788
2782	72.5372	73.01	74.3883	59.0948	59.0948	59.0948
2783	72.3891	72.8621	74.24	59.0115	59.0115	59.0115
2784	72.2424	72.7153	74.0932	58.929	58.929	58.929
2785	72.0968	72.5697	73.9476	58.8473	58.8473	58.8473
2786	71.9523	72.4252	73.8031	58.7664	58.7664	58.7664
2787	71.8089	72.2818	73.6597	58.6862	58.6862	58.6862
2788	71.6665	72.1395	73.5174	58.6067	58.6067	58.6067
2789	71.5311	71.9973	73.4076	58.528	58.528	58.528



2790	71.4028	71.8593	73.3159	58.45	58.45	58.45
2791	71.2793	71.7261	73.2291	58.3728	58.3728	58.3728
2792	71.1602	71.5988	73.1495	58.2963	58.2963	58.2963
2793	71.0448	71.4759	73.0749	58.2205	58.2205	58.2205
2794	70.9323	71.3559	73.0032	58.1455	58.1455	58.1455
2795	70.8185	71.2377	72.914	58.0711	58.0711	58.0711
2796	70.6989	71.1181	72.7944	57.9975	57.9975	57.9975
2797	70.5766	70.9957	72.672	57.9245	57.9245	57.9245
2798	70.4532	70.8723	72.5486	57.8522	57.8522	57.8522
2799	70.3296	70.7487	72.425	57.7806	57.7806	57.7806
2800	70.2063	70.6254	72.3017	57.7096	57.7096	57.7096
2801	70.0836	70.5027	72.179	57.6393	57.6393	57.6393
2802	71.1955	81.0214	73.4732	62.5122	62.5122	81.0173
2803	72.1728	84.4204	74.7134	65.8899	65.8899	86.4702
2804	72.7112	85.0117	75.2032	67.8954	67.8954	88.487
2805	72.9727	85.0571	75.4098	69.1253	69.1253	89.4695
2806	73.1746	84.8924	76.0891	69.8573	69.8573	89.6389
2807	73.495	84.8608	77.5823	70.2398	70.2398	89.1845
2808	73.7868	84.9409	78.5283	70.4135	70.4135	88.466
2809	74.4991	86.2793	81.2635	70.4663	70.4663	87.6215
2810	74.9912	86.5357	82.1271	70.4407	70.4407	86.6931
2811	75.1282	85.9214	81.9206	70.3529	70.3529	85.6774
2812	75.1926	85.432	82.1565	70.2103	70.2103	84.5754
2813	75.5442	86.4683	83.0713	70.0283	70.0283	83.4364
2814	75.7092	86.4092	83.1873	69.7967	69.7967	82.1973
2815	75.8385	86.2585	83.7646	69.528	69.528	80.9262
2816	76.0611	86.4476	84.8309	69.2345	69.2345	79.6552
2817	76.3787	87.0816	85.9376	68.9209	68.9209	78.3856
2818	76.6614	87.6004	86.8038	68.5594	68.5594	76.9651
2819	76.9218	88.0368	87.7119	68.1719	68.1719	75.551
2820	76.5615	85.3787	85.9227	67.1999	67.1999	71.15
2821	75.6483	81.8762	83.2067	65.7883	65.7883	65.7883
2822	75.2162	82.8028	83.9792	65.0579	65.0579	65.0579
2823	73.2456	73.2456	73.2456	64.6758	64.6758	64.6758
2824	72.1473	72.1473	72.1473	64.4753	64.4753	64.4753
2825	71.5336	71.5336	71.5336	64.3686	64.3686	64.3686
2826	71.1893	71.1893	71.1893	64.3103	64.3103	64.3103
2827	70.9946	70.9946	70.9946	64.2769	64.2769	64.2769
2828	70.883	70.883	70.883	64.2565	64.2565	64.2565
2829	70.8177	70.8177	70.8177	64.2428	64.2428	64.2428
2830	70.778	70.778	70.778	64.2325	64.2325	64.2325
2831	70.7526	70.7526	70.7526	64.224	64.224	64.224
2832	70.7351	70.7351	70.7351	64.2164	64.2164	64.2164
2833	70.722	70.722	70.722	64.2093	64.2093	64.2093
2834	70.7114	70.7114	70.7114	64.2024	64.2024	64.2024
2835	70.7021	70.7021	70.7021	64.1957	64.1957	64.1957
2836	70.6936	70.6936	70.6936	64.189	64.189	64.189
2837	70.6856	70.6856	70.6856	64.1824	64.1824	64.1824
2838	70.6777	70.6777	70.6777	64.1758	64.1758	64.1758
2839	70.67	70.67	70.67	64.1692	64.1692	64.1692
2840	73.9873	89.727	90.9561	64.1691	64.1691	64.1691
2841	75.9085	88.9897	90.8899	64.1691	64.1691	64.1691
2842	77.0534	87.4492	90.1819	64.169	64.169	64.169
2843	77.7815	87.0275	90.7407	64.1688	64.1688	64.1688
2844	78.2639	86.5059	91.155	64.1337	64.1337	64.1337
2845	78.6025	85.934	91.4768	64.0537	64.0537	64.0537

2846	78.8828	85.4583	91.7676	63.9517	63.9517	63.9517
2847	79.1033	84.852	91.9947	63.8392	63.8392	63.8392
2848	79.2751	84.1859	92.1503	63.7221	63.7221	63.7221
2849	79.4575	84.0359	91.9539	63.6032	63.6032	63.6032
2850	79.8018	84.3214	92.6333	63.4844	63.4844	63.4844
2851	80.3894	85.1059	94.2297	63.3666	63.3666	63.3666
2852	80.4066	84.3399	92.8044	63.2488	63.2488	63.2488
2853	80.1774	83.49	91.4157	63.1314	63.1314	63.1314
2854	80.0757	83.2383	91.0671	63.0149	63.0149	63.0149
2855	80.0506	83.0916	90.842	62.8995	62.8995	62.8995
2856	80.0995	83.101	90.8267	62.7851	62.7851	62.7851
2857	80.1882	83.1525	90.8549	62.6719	62.6719	62.6719
2858	80.0909	82.6637	90.0537	62.5594	62.5594	62.5594
2859	79.8024	81.8493	88.817	62.4473	62.4473	62.4473
2860	79.3921	80.9079	87.4493	62.3359	62.3359	62.3359
2861	78.7248	79.8307	85.1497	62.2246	62.2246	62.2246
2862	77.339	78.2246	80.0141	62.1123	62.1123	62.1123
2863	76.5372	77.3874	79.2884	62.0012	62.0012	62.0012
2864	76.0378	76.8881	78.789	61.891	61.891	61.891
2865	75.7029	76.5532	78.4541	61.782	61.782	61.782
2866	75.4578	76.3077	78.2098	61.6739	61.6739	61.6739
2867	75.2657	76.1068	78.0365	61.5668	61.5668	61.5668
2868	75.0831	75.9602	77.7762	61.4608	61.4608	61.4608
2869	74.9211	75.7983	77.6143	61.3557	61.3557	61.3557
2870	74.7709	75.6481	77.4641	61.2516	61.2516	61.2516
2871	74.6293	75.5023	77.3316	61.1484	61.1484	61.1484
2872	74.4935	75.361	77.2074	61.0463	61.0463	61.0463
2873	74.3434	75.2486	76.9805	60.945	60.945	60.945
2874	74.1996	75.1097	76.8302	60.8447	60.8447	60.8447
2875	74.0596	74.9746	76.6837	60.7454	60.7454	60.7454
2876	73.922	74.842	76.5396	60.6469	60.6469	60.6469
2877	73.7861	74.7111	76.3972	60.5494	60.5494	60.5494
2878	74.9906	76.2901	82.5647	60.4554	60.4554	60.4554
2879	75.593	76.8039	82.9558	60.3622	60.3622	60.3622
2880	75.8424	76.9236	82.8763	60.2697	60.2697	60.2697
2881	75.8899	76.8308	82.5639	60.1778	60.1778	60.1778
2882	75.8251	76.6291	82.1479	60.0867	60.0867	60.0867
2883	75.7417	76.4712	81.89	59.9964	59.9964	59.9964
2884	75.6955	76.4165	81.8559	59.907	59.907	59.907
2885	75.6699	76.3826	81.8422	59.8184	59.8184	59.8184
2886	75.6556	76.3603	81.8392	59.7306	59.7306	59.7306
2887	75.6442	76.3436	81.8266	59.6437	59.6437	59.6437
2888	75.634	76.3287	81.8146	59.5577	59.5577	59.5577
2889	75.6245	76.315	81.8034	59.4724	59.4724	59.4724
2890	75.6153	76.3021	81.7927	59.388	59.388	59.388
2891	75.6061	76.2897	81.782	59.3044	59.3044	59.3044
2892	75.5945	76.2766	81.7609	59.2215	59.2215	59.2215
2893	75.5818	76.2625	81.7396	59.1395	59.1395	59.1395
2894	75.5685	76.2479	81.7182	59.0582	59.0582	59.0582
2895	75.5548	76.2327	81.6956	58.9777	58.9777	58.9777
2896	75.5407	76.217	81.6715	58.898	58.898	58.898
2897	75.5262	76.2008	81.6457	58.819	58.819	58.819
2898	75.0571	75.5533	79.5289	58.7399	58.7399	58.7399
2899	74.085	74.5288	76.0461	58.6602	58.6602	58.6602
2900	73.4359	73.9585	75.1545	58.5811	58.5811	58.5811
2901	73.0117	73.5392	74.7192	58.5028	58.5028	58.5028

2902	72.7122	73.2398	74.4198	58.4252	58.4252	58.4252
2903	72.481	73.0085	74.1885	58.3483	58.3483	58.3483
2904	72.2936	72.8078	74.0317	58.2721	58.2721	58.2721
2905	72.1287	72.6343	73.8861	58.1967	58.1967	58.1967
2906	71.9723	72.478	73.7297	58.1219	58.1219	58.1219
2907	71.8163	72.332	73.5507	58.0479	58.0479	58.0479
2908	71.6624	72.1846	73.3823	57.9745	57.9745	57.9745
2909	71.5138	72.0346	73.2369	57.9017	57.9017	57.9017
2910	71.3681	71.8885	73.092	57.8297	57.8297	57.8297
2911	71.2207	71.7483	72.9283	57.7583	57.7583	57.7583
2912	71.0582	71.6367	72.6757	57.6875	57.6875	57.6875
2913	70.5509	70.7314	70.9882	57.6168	57.6168	57.6168
2914	70.444	71.2114	71.6508	58.3036	58.3036	61.5797
2915	70.5343	71.8744	72.346	59.2033	59.2033	64.7889
2916	70.5459	72.1639	72.2931	59.9149	59.9149	66.3585
2917	70.5215	72.4085	72.2303	60.5148	60.5148	67.6869
2918	70.4738	72.5412	72.1665	60.9987	60.9987	68.6177
2919	70.3997	72.5074	72.0889	61.3418	61.3418	69.0604
2920	70.2904	72.238	71.9938	61.4881	61.4881	68.8104
2921	71.7222	83.8656	74.2982	65.4737	65.4737	85.9782
2922	72.5215	84.7878	75.0557	67.8072	67.8072	88.401
2923	72.9637	85.265	75.4547	69.2799	69.2799	89.8715
2924	73.179	85.2904	75.6206	70.2475	70.2475	90.6206
2925	73.3201	85.0935	76.0482	70.8738	70.8738	90.7768
2926	73.6158	85.0273	77.5586	71.2154	71.2154	90.3274
2927	73.8956	85.0931	78.5031	71.3727	71.3727	89.6079
2928	74.5051	86.1419	80.8365	71.4146	71.4146	88.749
2929	75.0963	86.7925	82.3554	71.3819	71.3819	87.8128
2930	75.2617	86.1959	82.0306	71.2917	71.2917	86.8048
2931	75.2983	85.5131	82.1871	71.1457	71.1457	85.6968
2932	75.6049	86.3977	83.024	70.9601	70.9601	84.5517
2933	75.8219	86.5928	83.3292	70.7279	70.7279	83.3213
2934	75.9384	86.3976	83.7014	70.4553	70.4553	82.0408
2935	76.1403	86.4655	84.7602	70.1551	70.1551	80.7527
2936	76.4513	87.0998	85.8746	69.839	69.839	79.4883
2937	76.7412	87.636	86.7745	69.478	69.478	78.0816
2938	77.0058	88.0907	87.6719	69.0863	69.0863	76.6558
2939	76.8575	86.4943	86.8176	68.3043	68.3043	73.2777
2940	75.8587	81.7185	83.0909	66.7578	66.7578	66.7578
2941	75.3808	82.7134	83.9186	65.9577	65.9577	65.9577
2942	73.3889	73.3889	73.3889	65.5396	65.5396	65.5396
2943	72.2788	72.2788	72.2788	65.3204	65.3204	65.3204
2944	71.6585	71.6585	71.6585	65.204	65.204	65.204
2945	71.3105	71.3105	71.3105	65.1407	65.1407	65.1407
2946	71.1137	71.1137	71.1137	65.1047	65.1047	65.1047
2947	71.001	71.001	71.001	65.0829	65.0829	65.0829
2948	70.935	70.935	70.935	65.0684	65.0684	65.0684
2949	70.8949	70.8949	70.8949	65.0576	65.0576	65.0576
2950	70.8693	70.8693	70.8693	65.0488	65.0488	65.0488
2951	70.8517	70.8517	70.8517	65.0411	65.0411	65.0411
2952	70.8385	70.8385	70.8385	65.0338	65.0338	65.0338
2953	70.8278	70.8278	70.8278	65.0268	65.0268	65.0268
2954	70.8185	70.8185	70.8185	65.02	65.02	65.02
2955	70.81	70.81	70.81	65.0132	65.0132	65.0132
2956	70.8019	70.8019	70.8019	65.0065	65.0065	65.0065
2957	70.794	70.794	70.794	64.9998	64.9998	64.9998

2958	70.7862	70.7862	70.7862	64.9931	64.9931	64.9931
2959	74.1004	90.3362	91.3855	64.9927	64.9927	64.9927
2960	76.0272	89.6053	91.3801	64.9922	64.9922	64.9922
2961	77.1725	87.7833	90.3327	64.9918	64.9918	64.9918
2962	77.9009	87.3616	90.8917	64.9913	64.9913	64.9913
2963	78.3828	86.7999	91.2779	64.9537	64.9537	64.9537
2964	78.7174	86.1979	91.5911	64.8685	64.8685	64.8685
2965	78.994	85.7108	91.8769	64.7601	64.7601	64.7601
2966	79.2208	85.1328	92.1115	64.6405	64.6405	64.6405
2967	79.3925	84.431	92.2871	64.516	64.516	64.516
2968	79.5699	84.2098	92.1367	64.3897	64.3897	64.3897
2969	79.8485	84.3274	92.472	64.2632	64.2632	64.2632
2970	80.3808	85.047	93.963	64.1378	64.1378	64.1378
2971	80.5833	84.7804	93.4773	64.0128	64.0128	64.0128
2972	80.4056	83.8945	91.9669	63.8882	63.8882	63.8882
2973	80.2734	83.5156	91.3959	63.7645	63.7645	63.7645
2974	80.229	83.3458	91.1451	63.6419	63.6419	63.6419
2975	80.2462	83.2799	91.0257	63.5204	63.5204	63.5204
2976	80.3165	83.3166	91.0413	63.4	63.4	63.4
2977	80.415	83.3842	91.0896	63.2809	63.2809	63.2809
2978	79.8414	82.0611	88.0541	63.1616	63.1616	63.1616
2979	78.4584	79.6305	82.7705	63.0414	63.0414	63.0414
2980	77.7199	78.9473	82.2192	62.9224	62.9224	62.9224
2981	77.2926	78.5316	81.8313	62.8046	62.8046	62.8046
2982	77.0238	78.2628	81.5625	62.6879	62.6879	62.6879
2983	76.8413	78.0802	81.3799	62.5723	62.5723	62.5723
2984	76.7057	77.9447	81.2444	62.4578	62.4578	62.4578
2985	76.596	77.835	81.1347	62.3443	62.3443	62.3443
2986	76.5005	77.7395	81.0392	62.232	62.232	62.232
2987	76.413	77.652	80.9517	62.1207	62.1207	62.1207
2988	76.3301	77.5691	80.8687	62.0104	62.0104	62.0104
2989	76.2499	77.4889	80.7886	61.9012	61.9012	61.9012
2990	76.1715	77.4104	80.7101	61.793	61.793	61.793
2991	76.0942	77.3332	80.6329	61.6858	61.6858	61.6858
2992	76.0179	77.2569	80.5565	61.5796	61.5796	61.5796
2993	75.9423	77.1813	80.4809	61.4745	61.4745	61.4745
2994	75.8673	77.1063	80.406	61.3703	61.3703	61.3703
2995	75.7929	77.0319	80.3316	61.2671	61.2671	61.2671
2996	75.7191	76.9581	80.2578	61.1649	61.1649	61.1649
2997	75.5831	76.7563	79.8988	61.0636	61.0636	61.0636
2998	75.461	76.6215	79.7348	60.9631	60.9631	60.9631
2999	75.3461	76.4939	79.578	60.8636	60.8636	60.8636
3000	75.2348	76.3699	79.4247	60.765	60.765	60.765
3001	75.1249	76.2473	79.2729	60.6673	60.6673	60.6673
3002	75.9588	77.9412	83.4439	60.5723	60.5723	60.5723
3003	76.9438	79.2037	86.3425	60.4792	60.4792	60.4792
3004	77.3023	79.1565	85.9696	60.3865	60.3865	60.3865
3005	77.3183	78.7839	85.285	60.2943	60.2943	60.2943
3006	77.2935	78.6873	85.0921	60.203	60.203	60.203
3007	77.2476	78.5761	84.8907	60.1124	60.1124	60.1124
3008	77.1891	78.4547	84.6823	60.0226	60.0226	60.0226
3009	77.123	78.3279	84.4716	59.9336	59.9336	59.9336
3010	77.0346	78.1511	84.1589	59.8453	59.8453	59.8453
3011	76.9269	77.9471	83.8043	59.7578	59.7578	59.7578
3012	76.8068	77.7333	83.4439	59.6709	59.6709	59.6709
3013	76.6783	77.5135	83.0813	59.5848	59.5848	59.5848

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3014	76.5435	77.2899	82.7187	59.4994	59.4994	59.4994
3015	76.4562	77.1851	82.6054	59.4148	59.4148	59.4148
3016	76.4033	77.1267	82.5603	59.331	59.331	59.331
3017	76.3693	77.0874	82.5339	59.248	59.248	59.248
3018	76.3457	77.0586	82.5177	59.1659	59.1659	59.1659
3019	76.328	77.0358	82.5072	59.0845	59.0845	59.0845
3020	76.313	77.0162	82.497	59.0038	59.0038	59.0038
3021	76.2981	76.9979	82.4807	58.924	58.924	58.924
3022	76.2833	76.9798	82.4646	58.8449	58.8449	58.8449
3023	76.2686	76.962	82.4486	58.7665	58.7665	58.7665
3024	76.2542	76.9444	82.433	58.689	58.689	58.689
3025	76.2399	76.9271	82.4175	58.6121	58.6121	58.6121
3026	76.2259	76.91	82.4023	58.536	58.536	58.536
3027	76.2101	76.8924	82.3779	58.4606	58.4606	58.4606
3028	76.1929	76.8736	82.3509	58.3859	58.3859	58.3859
3029	76.175	76.8542	82.3235	58.312	58.312	58.312
3030	76.1567	76.8345	82.2959	58.2387	58.2387	58.2387
3031	76.1383	76.8146	82.2685	58.1661	58.1661	58.1661
3032	76.1199	76.7947	82.2413	58.0942	58.0942	58.0942
3033	76.1014	76.7749	82.2145	58.023	58.023	58.023
3034	75.3667	75.79	78.8755	57.9512	57.9512	57.9512
3035	74.9353	75.3611	78.4933	57.88	57.88	57.88
3036	74.6696	75.0979	78.2768	57.8096	57.8096	57.8096
3037	74.4933	74.9254	78.1451	57.7398	57.7398	57.7398
3038	74.3545	74.7865	78.0063	57.6707	57.6707	57.6707
3039	74.2363	74.6683	77.8881	57.6022	57.6022	57.6022
3040	74.1493	74.5883	77.8741	57.5344	57.5344	57.5344
3041	74.0612	74.5003	77.7873	57.4672	57.4672	57.4672
3042	73.9723	74.4113	77.6974	57.4007	57.4007	57.4007
3043	73.8752	74.3113	77.5699	57.3347	57.3347	57.3347
3044	73.7768	74.2112	77.4533	57.2694	57.2694	57.2694
3045	73.6811	74.1149	77.3517	57.2047	57.2047	57.2047
3046	73.5876	74.0211	77.2546	57.1406	57.1406	57.1406
3047	73.5014	73.9366	77.1862	57.0771	57.0771	57.0771
3048	73.4161	73.8517	77.1055	57.0142	57.0142	57.0142
3049	73.3317	73.7678	77.0257	56.9518	56.9518	56.9518
3050	73.2433	73.6781	76.9241	56.8901	56.8901	56.8901
3051	73.1563	73.5911	76.8371	56.8289	56.8289	56.8289
3052	73.0705	73.5053	76.7513	56.7683	56.7683	56.7683
3053	72.9855	73.4203	76.6663	56.7083	56.7083	56.7083
3054	72.9013	73.3361	76.5821	56.6488	56.6488	56.6488
3055	72.8177	73.2525	76.4985	56.5899	56.5899	56.5899
3056	72.7348	73.1696	76.4156	56.5315	56.5315	56.5315
3057	72.6525	73.0873	76.3333	56.4737	56.4737	56.4737
3058	72.5708	73.0056	76.2516	56.4165	56.4165	56.4165
3059	72.4897	72.9245	76.1705	56.3597	56.3597	56.3597
3060	72.4092	72.844	76.09	56.3035	56.3035	56.3035
3061	72.3293	72.7641	76.0101	56.2478	56.2478	56.2478
3062	72.1633	72.5793	75.5266	56.1925	56.1925	56.1925
3063	71.9462	72.3491	74.9913	56.1375	56.1375	56.1375
3064	71.7017	72.0955	74.4899	56.0829	56.0829	56.0829
3065	71.4444	71.8361	73.9724	56.0286	56.0286	56.0286
3066	72.7469	84.8911	75.3226	61.5554	61.5554	82.0606
3067	73.4701	85.7411	75.9984	64.674	64.674	85.2675
3068	72.4184	74.8489	74.1812	62.8749	62.8749	70.951
3069	71.6369	72.2109	73.5519	60.125	60.125	60.125



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3070	71.1527	71.7266	73.0677	58.7104	58.7104	58.7104
3071	70.8401	71.3988	72.8004	57.967	57.967	57.967
3072	70.6313	71.1627	72.6797	57.5611	57.5611	57.5611
3073	70.4651	70.9934	72.5335	57.325	57.325	57.325
3074	70.3228	70.8479	72.4118	57.1745	57.1745	57.1745
3075	70.1945	70.7162	72.306	57.0673	57.0673	57.0673
3076	70.0469	70.5884	72.0579	56.9822	56.9822	56.9822
3077	69.8975	70.4588	71.8501	56.9084	56.9084	56.9084
3078	69.7469	70.3279	71.6411	56.8405	56.8405	56.8405
3079	69.597	70.2025	71.4367	56.776	56.776	56.776
3080	69.4478	70.0798	71.2348	56.7133	56.7133	56.7133
3081	69.2989	69.9575	71.0332	56.6519	56.6519	56.6519
3082	69.1454	69.8792	70.7898	56.5914	56.5914	56.5914
3083	70.6579	82.9616	73.1306	62.1363	62.1363	82.7153
3084	71.4324	83.3877	73.8486	65.1136	65.1136	85.3195
3085	72.0107	83.6012	75.3524	66.6869	66.6869	86.1902
3086	72.4994	83.7977	76.7953	67.4959	67.4959	86.1561
3087	72.9872	84.2709	78.2517	67.8922	67.8922	85.6684
3088	73.8554	85.8489	81.2647	68.065	68.065	84.9531
3089	74.2029	85.5191	81.1551	68.1059	68.1059	84.092
3090	74.3022	84.8884	81.1291	68.0551	68.0551	83.1028
3091	74.4544	84.8896	81.5794	67.9389	67.9389	82.0303
3092	74.802	85.7729	82.3898	67.7735	67.7735	80.9005
3093	74.9073	85.4971	82.3415	67.5528	67.5528	79.663
3094	75.0684	85.4286	83.2408	67.2987	67.2987	78.4139
3095	75.3315	85.8099	84.3304	67.0222	67.0222	77.1725
3096	75.6473	86.4175	85.3726	66.7158	66.7158	75.8785
3097	75.9316	86.9313	86.2475	66.3642	66.3642	74.4716
3098	76.1946	87.3557	87.1739	65.9903	65.9903	73.0789
3099	75.518	83.0853	83.9658	64.7356	64.7356	67.1252
3100	74.7372	81.3524	82.639	63.5353	63.5353	63.5353
3101	74.3788	82.3529	83.4853	62.9143	62.9143	62.9143
3102	72.4429	72.4429	72.4429	62.5892	62.5892	62.5892
3103	71.364	71.364	71.364	62.4185	62.4185	62.4185
3104	70.7612	70.7612	70.7612	62.3276	62.3276	62.3276
3105	70.423	70.423	70.423	62.2778	62.2778	62.2778
3106	70.2318	70.2318	70.2318	62.2493	62.2493	62.2493
3107	70.1222	70.1222	70.1222	62.2317	62.2317	62.2317
3108	70.0581	70.0581	70.0581	62.2198	62.2198	62.2198
3109	70.0192	70.0192	70.0192	62.2109	62.2109	62.2109
3110	69.9943	69.9943	69.9943	62.2035	62.2035	62.2035
3111	69.9772	69.9772	69.9772	62.1968	62.1968	62.1968
3112	69.9644	69.9644	69.9644	62.1906	62.1906	62.1906
3113	69.954	69.954	69.954	62.1846	62.1846	62.1846
3114	69.945	69.945	69.945	62.1786	62.1786	62.1786
3115	69.9367	69.9367	69.9367	62.1728	62.1728	62.1728
3116	69.9288	69.9288	69.9288	62.167	62.167	62.167
3117	69.9212	69.9212	69.9212	62.1611	62.1611	62.1611
3118	69.9137	69.9137	69.9137	62.1553	62.1553	62.1553
3119	73.2245	88.2062	89.6266	62.1555	62.1555	62.1555
3120	75.142	87.4652	89.5567	62.1556	62.1556	62.1556
3121	76.2891	86.357	89.3693	62.1557	62.1557	62.1557
3122	77.0201	85.943	89.9371	62.1558	62.1558	62.1558
3123	77.5044	85.4793	90.3894	62.1261	62.1261	62.1261
3124	77.8532	84.9691	90.7305	62.0581	62.0581	62.0581
3125	78.1418	84.5019	91.0296	61.9714	61.9714	61.9714

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3126	78.3561	83.8557	91.2486	61.8757	61.8757	61.8757
3127	78.5379	83.3514	91.3035	61.776	61.776	61.776
3128	78.7293	83.214	91.1185	61.6749	61.6749	61.6749
3129	79.1676	83.7436	92.2881	61.574	61.574	61.574
3130	79.6307	84.1528	93.1365	61.4737	61.4737	61.4737
3131	79.5533	83.2656	91.5351	61.3733	61.3733	61.3733
3132	79.3743	82.6435	90.5412	61.2734	61.2734	61.2734
3133	79.3021	82.4233	90.2254	61.1743	61.1743	61.1743
3134	79.3073	82.336	90.0788	61.076	61.076	61.076
3135	79.3749	82.3649	90.0833	60.9787	60.9787	60.9787
3136	79.471	82.4155	90.1038	60.8824	60.8824	60.8824
3137	79.286	81.6766	88.9202	60.7864	60.7864	60.7864
3138	78.9473	80.8126	87.6345	60.6909	60.6909	60.6909
3139	78.5607	80.0025	86.4737	60.5959	60.5959	60.5959
3140	78.3012	79.6547	86.0038	60.5016	60.5016	60.5016
3141	78.1097	79.3785	85.6105	60.4082	60.4082	60.4082
3142	77.9528	79.1381	85.2538	60.3156	60.3156	60.3156
3143	77.7834	78.8353	84.7422	60.2236	60.2236	60.2236
3144	77.6047	78.5267	84.2304	60.1324	60.1324	60.1324
3145	77.4186	78.2142	83.7199	60.042	60.042	60.042
3146	77.2696	77.9993	83.4177	59.9523	59.9523	59.9523
3147	77.1514	77.8616	83.1956	59.8634	59.8634	59.8634
3148	75.9832	76.6368	77.9336	59.7734	59.7734	59.7734
3149	75.273	75.9342	77.2037	59.6843	59.6843	59.6843
3150	74.8119	75.4826	76.7246	59.596	59.596	59.596
3151	75.6238	76.3403	81.7905	59.5105	59.5105	59.5105
3152	76.0602	76.7689	82.2382	59.4258	59.4258	59.4258
3153	76.2919	76.9938	82.4754	59.342	59.342	59.342
3154	76.4108	77.1074	82.5921	59.2589	59.2589	59.2589
3155	76.4685	77.1601	82.6478	59.1767	59.1767	59.1767
3156	76.4933	77.1798	82.6706	59.0952	59.0952	59.0952
3157	76.4987	77.1812	82.6681	59.0145	59.0145	59.0145
3158	76.4912	77.1712	82.6444	58.9346	58.9346	58.9346
3159	76.9626	89.1783	79.5139	64.4509	64.4509	85.0081
3160	77.2161	89.5078	79.7189	67.5347	67.5347	88.1269
3161	77.3214	89.4829	79.7711	69.3295	69.3295	89.7562
3162	77.2881	88.6032	79.859	70.2399	70.2399	89.7809
3163	75.6208	76.3938	76.8069	66.2372	66.2372	68.5668
3164	74.9388	75.6749	77.3434	63.6703	63.6703	63.6703
3165	74.5185	75.2287	76.9923	62.3305	62.3305	62.3305
3166	74.2421	74.9376	76.7839	61.6075	61.6075	61.6075
3167	74.0458	74.7283	76.6586	61.1948	61.1948	61.1948
3168	73.9182	74.5778	76.7021	60.9386	60.9386	60.9386
3169	73.8102	74.4616	76.676	60.7614	60.7614	60.7614
3170	73.718	74.3649	76.6761	60.6245	60.6245	60.6245
3171	73.6209	74.2663	76.6116	60.5081	60.5081	60.5081
3172	73.489	74.1391	76.3805	60.4025	60.4025	60.4025
3173	73.3621	74.0123	76.2537	60.3028	60.3028	60.3028
3174	73.2384	73.8885	76.1299	60.2064	60.2064	60.2064
3175	73.0757	73.7426	75.7962	60.1121	60.1121	60.1121
3176	72.8838	73.5847	75.3964	60.0192	60.0192	60.0192
3177	72.6828	73.4474	75.0123	59.9275	59.9275	59.9275
3178	72.4862	73.3637	74.6595	59.8367	59.8367	59.8367
3179	72.0989	72.748	73.4781	59.7464	59.7464	59.7464
3180	71.5875	71.9639	72.166	59.9185	59.9185	61.0518
3181	71.4175	72.2	72.6201	60.26	60.26	62.616

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3182	71.4435	72.6322	73.2703	60.7041	60.7041	64.2828
3183	71.2597	72.1617	72.646	60.7345	60.7345	63.4504
3184	70.8027	71.0956	71.2528	60.3202	60.3202	61.202
3185	70.5533	70.9068	71.3046	59.8773	59.8773	59.8773
3186	70.7291	71.6977	72.8097	59.6122	59.6122	59.6122
3187	70.7684	71.726	72.8603	59.4366	59.4366	59.4366
3188	72.4162	83.8441	76.304	64.4524	64.4524	83.6001
3189	73.4337	84.6377	78.0212	66.9654	66.9654	85.228
3190	74.4238	86.0344	80.6758	68.2023	68.2023	85.5696
3191	75.2496	86.9767	82.5338	68.7811	68.7811	85.2484
3192	75.5358	86.4987	82.2999	69.0085	69.0085	84.56
3193	75.637	85.8823	82.5208	69.0328	69.0328	83.6246
3194	75.9614	86.7256	83.3556	68.9432	68.9432	82.5783
3195	76.2048	86.9934	83.7192	68.7701	68.7701	81.4107
3196	76.3242	86.7935	84.0461	68.5366	68.5366	80.1694
3197	76.5225	86.8328	85.1022	68.2657	68.2657	78.9109
3198	76.8301	87.4625	86.2134	67.9737	67.9737	77.6701
3199	77.1213	88.0044	87.1257	67.6355	67.6355	76.2917
3200	77.3856	88.4625	88.0188	67.2638	67.2638	74.8838
3201	77.2916	87.146	87.4107	66.5525	66.5525	71.7975
3202	76.2682	82.0158	83.4009	64.9849	64.9849	64.9849
3203	75.7773	83.0424	84.2553	64.1742	64.1742	64.1742
3204	73.7792	73.7792	73.7792	63.7511	63.7511	63.7511
3205	72.6656	72.6656	72.6656	63.5297	63.5297	63.5297
3206	72.0434	72.0434	72.0434	63.4124	63.4124	63.4124
3207	71.6942	71.6942	71.6942	63.349	63.349	63.349
3208	71.4968	71.4968	71.4968	63.3134	63.3134	63.3134
3209	71.3836	71.3836	71.3836	63.292	63.292	63.292
3210	71.3174	71.3174	71.3174	63.2781	63.2781	63.2781
3211	71.2771	71.2771	71.2771	63.268	63.268	63.268
3212	71.2513	71.2513	71.2513	63.2599	63.2599	63.2599
3213	71.2336	71.2336	71.2336	63.2528	63.2528	63.2528
3214	71.2203	71.2203	71.2203	63.2463	63.2463	63.2463
3215	71.2095	71.2095	71.2095	63.24	63.24	63.24
3216	71.2001	71.2001	71.2001	63.2338	63.2338	63.2338
3217	71.1914	71.1914	71.1914	63.2278	63.2278	63.2278
3218	71.1832	71.1832	71.1832	63.2217	63.2217	63.2217
3219	71.1752	71.1752	71.1752	63.2157	63.2157	63.2157
3220	71.1674	71.1674	71.1674	63.2097	63.2097	63.2097
3221	74.4901	90.8586	91.929	63.2095	63.2095	63.2095
3222	76.4144	90.1245	91.8659	63.2093	63.2093	63.2093
3223	77.5579	88.2598	90.7605	63.209	63.209	63.209
3224	78.2848	87.8027	91.2841	63.2088	63.2088	63.2088
3225	78.7652	87.2288	91.6614	63.176	63.176	63.176
3226	79.0977	86.6247	91.9725	63.1015	63.1015	63.1015
3227	79.3708	86.1251	92.2531	63.0066	63.0066	63.0066
3228	79.5968	85.5521	92.4872	62.9021	62.9021	62.9021
3229	79.7668	84.8487	92.6612	62.7932	62.7932	62.7932
3230	79.9401	84.5962	92.5256	62.6827	62.6827	62.6827
3231	80.2057	84.6782	92.7966	62.572	62.572	62.572
3232	80.7459	85.4161	94.3489	62.4623	62.4623	62.4623
3233	80.9064	85.0295	93.6613	62.353	62.353	62.353
3234	80.6696	84.0221	91.9742	62.2438	62.2438	62.2438
3235	80.5604	83.7559	91.6061	62.1356	62.1356	62.1356
3236	80.5217	83.5728	91.3296	62.0283	62.0283	62.0283
3237	80.561	83.5674	91.2962	61.922	61.922	61.922

1973

3238	80.6434	83.6098	91.3135	61.8167	61.8167	61.8167
3239	80.5268	83.072	90.4398	61.7121	61.7121	61.7121
3240	80.1952	82.1576	89.0575	61.608	61.608	61.608
3241	79.7658	81.216	87.699	61.5043	61.5043	61.5043
3242	79.4731	80.8262	87.1746	61.4016	61.4016	61.4016
3243	79.2534	80.5126	86.7314	61.2997	61.2997	61.2997
3244	79.0641	80.2192	86.2877	61.1987	61.1987	61.1987
3245	78.8634	79.8716	85.7101	61.0984	61.0984	61.0984
3246	78.6539	79.5192	85.134	60.9989	60.9989	60.9989
3247	78.4424	79.1756	84.5855	60.9003	60.9003	60.9003
3248	78.3184	79.0429	84.4739	60.8026	60.8026	60.8026
3249	78.2421	78.9582	84.4095	60.7058	60.7058	60.7058
3250	77.2604	80.1311	79.037	62.7524	62.7524	71.637
3251	77.9647	89.881	80.3745	67.1892	67.1892	87.3534
3252	78.5196	90.0581	82.0359	69.4554	69.4554	88.845
3253	78.9617	90.2244	83.3676	70.5829	70.5829	89.093
3254	79.4993	90.923	85.1866	71.1133	71.1133	88.7144
3255	78.304	81.024	81.612	68.5911	68.5911	75.5475
3256	77.2664	78.2864	80.0497	65.7219	65.7219	65.7219
3257	76.6391	77.6591	79.4224	64.222	64.222	64.222
3258	76.2347	77.2548	79.0181	63.4106	63.4106	63.4106
3259	75.9518	76.9718	78.7351	62.9456	62.9456	62.9456
3260	75.7351	76.7552	78.5184	62.6552	62.6552	62.6552
3261	75.6519	76.6598	78.8035	62.4531	62.4531	62.4531
3262	75.5601	76.5705	78.7491	62.2959	62.2959	62.2959
3263	75.4647	76.4777	78.691	62.1618	62.1618	62.1618
3264	75.3683	76.3838	78.6319	62.0398	62.0398	62.0398
3265	75.2723	76.2903	78.5733	61.9244	61.9244	61.9244
3266	75.1176	76.1236	78.2413	61.8128	61.8128	61.8128
3267	74.9782	75.9842	78.1019	61.7035	61.7035	61.7035
3268	74.8475	75.8535	77.9713	61.596	61.596	61.596
3269	74.7219	75.7279	77.8457	61.4898	61.4898	61.4898
3270	74.5995	75.6056	77.7233	61.3848	61.3848	61.3848
3271	74.4763	75.4816	77.5896	61.2809	61.2809	61.2809
3272	74.3034	75.3132	77.2189	61.1779	61.1779	61.1779
3273	74.1103	75.1428	76.85	61.0758	61.0758	61.0758
3274	73.9113	74.9794	76.4877	60.9746	60.9746	60.9746
3275	73.2252	73.5332	73.9682	60.8735	60.8735	60.8735
3276	72.763	73.1592	73.4564	61.0256	61.0256	62.1167
3277	72.9872	74.4564	75.5583	61.7527	61.7527	65.7984
3278	73.2752	75.2179	76.556	62.4249	62.4249	67.7478
3279	73.4097	75.5215	76.677	62.8879	62.8879	68.607
3280	73.4617	75.7371	76.716	63.2483	63.2483	69.3509
3281	73.4791	75.9157	76.7483	63.5463	63.5463	69.9607
3282	73.4202	75.6932	76.6746	63.6582	63.6582	69.7552
3283	73.345	75.5913	76.6016	63.7361	63.7361	69.7703
3284	73.2611	75.4806	76.5198	63.7954	63.7954	69.767
3285	73.1725	75.3652	76.4333	63.8443	63.8443	69.7531
3286	73.0815	75.2475	76.3445	63.8865	63.8865	69.7326
3287	73.0066	75.2813	76.2609	64.0031	64.0031	70.1039
3288	72.9276	75.2023	76.1819	64.0973	64.0973	70.198
3289	72.8467	75.1213	76.1009	64.1798	64.1798	70.2806
3290	72.7649	75.0395	76.0192	64.2562	64.2562	70.357
3291	72.683	74.9576	75.9373	64.3292	64.3292	70.4299
3292	72.6013	74.8759	75.8555	64.4001	64.4001	70.5008
3293	72.5199	74.7945	75.7742	64.4696	64.4696	70.5704

3294	72.439	74.7137	75.6933	64.5381	64.5381	70.6389
3295	72.3587	74.6333	75.6129	64.6058	64.6058	70.7066
3296	72.2782	74.5479	75.5329	64.6699	64.6699	70.759
3297	72.1818	74.3201	75.4469	64.6581	64.6581	70.4394
3298	72.076	74.083	75.3517	64.6032	64.6032	70.0768
3299	71.9599	73.8285	75.2298	64.517	64.517	69.6623
3300	71.5556	72.8448	73.8116	64.1217	64.1217	67.6717
3301	70.9787	71.6885	72.2209	63.5483	63.5483	65.503
3302	70.2921	70.4227	70.5206	62.8628	62.8628	63.2222
3303	72.8287	84.7047	80.2338	66.7523	66.7523	83.3948
3304	74.0347	85.1625	80.8322	68.6502	68.6502	84.4122
3305	74.6287	85.0451	81.4839	69.5168	69.5168	84.3375
3306	75.1326	85.7284	82.3897	69.8478	69.8478	83.7147
3307	75.5725	86.4521	83.1236	69.8868	69.8868	82.7703
3308	75.7488	86.2669	83.267	69.7538	69.7538	81.6205
3309	75.9723	86.2825	84.3549	69.5298	69.5298	80.4038
3310	76.284	86.8409	85.4788	69.2571	69.2571	79.1762
3311	76.6007	87.4284	86.4681	68.932	68.932	77.8367
3312	76.8813	87.9203	87.3589	68.5607	68.5607	76.4198
3313	77.0613	87.9446	87.9324	68.0899	68.0899	74.6195
3314	76.1372	82.6364	83.8044	66.5883	66.5883	67.6445
3315	75.4794	82.4257	83.6748	65.5569	65.5569	65.5569
3316	75.1896	83.4947	84.5895	65.0229	65.0229	65.0229
3317	73.2862	73.2862	73.2862	64.7426	64.7426	64.7426
3318	72.2252	72.2252	72.2252	64.5948	64.5948	64.5948
3319	71.6323	71.6323	71.6323	64.5155	64.5155	64.5155
3320	71.2994	71.2994	71.2994	64.4716	64.4716	64.4716
3321	71.1111	71.1111	71.1111	64.4459	64.4459	64.4459
3322	71.0031	71.0031	71.0031	64.4296	64.4296	64.4296
3323	70.9397	70.9397	70.9397	64.4182	64.4182	64.4182
3324	70.9011	70.9011	70.9011	64.4093	64.4093	64.4093
3325	70.8762	70.8762	70.8762	64.4017	64.4017	64.4017
3326	70.859	70.859	70.859	64.3948	64.3948	64.3948
3327	70.8461	70.8461	70.8461	64.3882	64.3882	64.3882
3328	70.8356	70.8356	70.8356	64.3818	64.3818	64.3818
3329	70.8263	70.8263	70.8263	64.3755	64.3755	64.3755
3330	70.8178	70.8178	70.8178	64.3692	64.3692	64.3692
3331	70.8097	70.8097	70.8097	64.363	64.363	64.363
3332	70.8019	70.8019	70.8019	64.3568	64.3568	64.3568
3333	70.7941	70.7941	70.7941	64.3506	64.3506	64.3506
3334	74.099	88.433	90.0169	64.3499	64.3499	64.3499
3335	76.0123	87.6204	89.8924	64.3493	64.3493	64.3493
3336	77.1612	86.9489	90.2002	64.3486	64.3486	64.3486
3337	77.8742	86.5578	90.7755	64.3125	64.3125	64.3125
3338	78.335	86.0817	91.2148	64.2309	64.2309	64.2309
3339	78.6753	85.6106	91.5587	64.1271	64.1271	64.1271
3340	78.9496	85.11	91.8391	64.0128	64.0128	64.0128
3341	79.1482	84.4349	92.0416	63.8937	63.8937	63.8937
3342	79.3291	84.0624	92.0029	63.7728	63.7728	63.7728
3343	79.5289	83.9547	91.8804	63.6517	63.6517	63.6517
3344	80.0323	84.6564	93.399	63.5316	63.5316	63.5316
3345	80.3467	84.663	93.4651	63.4121	63.4121	63.4121
3346	80.1905	83.7165	91.8217	63.293	63.293	63.293
3347	80.0494	83.2803	91.1533	63.1747	63.1747	63.1747
3348	79.9952	83.0793	90.8574	63.0574	63.0574	63.0574
3349	80.0185	83.0346	90.7694	62.9412	62.9412	62.9412

3350	80.0939	83.0698	90.7793	62.8261	62.8261	62.8261
3351	80.0566	82.7515	90.2394	62.712	62.712	62.712
3352	79.7754	81.8897	88.9116	62.5984	62.5984	62.5984
3353	79.3595	80.9207	87.4986	62.4854	62.4854	62.4854
3354	79.0399	80.423	86.813	62.3733	62.3733	62.3733
3355	78.8099	80.1014	86.3647	62.2621	62.2621	62.2621
3356	78.6278	79.8319	85.9744	62.1519	62.1519	62.1519
3357	78.4437	79.5162	85.4552	62.0426	62.0426	62.0426
3358	78.2513	79.1871	84.9122	61.9343	61.9343	61.9343
3359	78.052	78.8549	84.3721	61.8267	61.8267	61.8267
3360	77.8892	78.619	84.0373	61.7202	61.7202	61.7202
3361	77.7931	78.5146	83.9528	61.6146	61.6146	61.6146
3362	77.7334	78.4469	83.9044	61.5101	61.5101	61.5101
3363	77.6937	78.3994	83.8759	61.4066	61.4066	61.4066
3364	77.6624	78.3623	83.845	61.3041	61.3041	61.3041
3365	77.6351	78.3299	83.8157	61.2025	61.2025	61.2025
3366	77.6102	78.2999	83.7888	61.1019	61.1019	61.1019
3367	77.5867	78.2715	83.7633	61.0023	61.0023	61.0023
3368	77.5611	78.2427	83.7243	60.9036	60.9036	60.9036
3369	77.5334	78.2124	83.6805	60.8058	60.8058	60.8058
3370	77.5047	78.1812	83.6361	60.709	60.709	60.709
3371	77.4755	78.1495	83.5915	60.6131	60.6131	60.6131
3372	76.2972	76.7498	78.225	60.5162	60.5162	60.5162
3373	75.5839	76.0365	77.5117	60.4202	60.4202	60.4202
3374	75.1233	75.5759	77.0511	60.3251	60.3251	60.3251
3375	74.8004	75.2529	76.7282	60.2309	60.2309	60.2309
3376	74.5526	75.0051	76.4804	60.1375	60.1375	60.1375
3377	74.346	74.7986	76.2739	60.045	60.045	60.045
3378	74.1624	74.615	76.0902	59.9534	59.9534	59.9534
3379	73.9918	74.4443	75.9196	59.8627	59.8627	59.8627
3380	73.8286	74.2812	75.7564	59.7727	59.7727	59.7727
3381	73.6701	74.1227	75.5979	59.6837	59.6837	59.6837
3382	73.5145	73.9671	75.4423	59.5954	59.5954	59.5954
3383	73.3611	73.8137	75.2889	59.508	59.508	59.508
3384	73.2093	73.6619	75.1371	59.4214	59.4214	59.4214
3385	73.059	73.5115	74.9868	59.3356	59.3356	59.3356
3386	72.9098	73.3624	74.8376	59.2506	59.2506	59.2506
3387	74.4057	86.5459	76.9828	64.7459	64.7459	85.2481
3388	75.2287	87.4976	77.7595	67.8348	67.8348	88.4284
3389	75.672	87.9801	78.1546	69.6833	69.6833	90.2745
3390	75.8619	87.8788	78.2881	70.8036	70.8036	91.0755
3391	76.0675	87.715	79.2184	71.446	71.446	91.0737
3392	76.3601	87.6865	80.569	71.7698	71.7698	90.5487
3393	76.6723	87.8694	81.6752	71.9034	71.9034	89.7879
3394	77.4366	89.3527	84.6118	71.9254	71.9254	88.9104
3395	77.7988	89.1947	84.814	71.8731	71.8731	87.9506
3396	77.8808	88.5355	84.6962	71.7597	71.7597	86.8991
3397	77.9774	88.3488	85.0499	71.5954	71.5954	85.7759
3398	78.3206	89.3266	85.9226	71.3917	71.3917	84.6124
3399	78.4128	89.0378	85.8612	71.1369	71.1369	83.3408
3400	78.5355	88.9154	86.6281	70.8495	70.8495	82.0565
3401	78.7598	89.2072	87.6848	70.5398	70.5398	80.777
3402	79.0519	89.8003	88.7233	70.2042	70.2042	79.4646
3403	79.3125	90.297	89.5675	69.8218	69.8218	78.0233
3404	79.5514	90.6977	90.4695	69.4179	69.4179	76.6004
3405	78.9544	86.9259	87.6976	68.2293	68.2293	71.1236

3406	78.1134	84.6034	85.9042	66.942	66.942	66.942
3407	77.7213	85.57	86.7167	66.2756	66.2756	66.2756
3408	75.7683	75.7683	75.7683	65.9269	65.9269	65.9269
3409	74.6794	74.6794	74.6794	65.7437	65.7437	65.7437
3410	74.0707	74.0707	74.0707	65.646	65.646	65.646
3411	73.7289	73.7289	73.7289	65.5925	65.5925	65.5925
3412	73.5352	73.5352	73.5352	65.5617	65.5617	65.5617
3413	73.424	73.424	73.424	65.5427	65.5427	65.5427
3414	73.3585	73.3585	73.3585	65.5298	65.5298	65.5298
3415	73.3184	73.3184	73.3184	65.52	65.52	65.52
3416	73.2925	73.2925	73.2925	65.5118	65.5118	65.5118
3417	73.2745	73.2745	73.2745	65.5045	65.5045	65.5045
3418	73.2608	73.2608	73.2608	65.4976	65.4976	65.4976
3419	73.2495	73.2495	73.2495	65.4909	65.4909	65.4909
3420	73.2396	73.2396	73.2396	65.4843	65.4843	65.4843
3421	73.2304	73.2304	73.2304	65.4779	65.4779	65.4779
3422	73.2217	73.2217	73.2217	65.4714	65.4714	65.4714
3423	73.2132	73.2132	73.2132	65.465	65.465	65.465
3424	73.2048	73.2048	73.2048	65.4585	65.4585	65.4585
3425	76.5169	91.7437	93.1023	65.4575	65.4575	65.4575
3426	78.4348	91.0031	93.0328	65.4565	65.4565	65.4565
3427	79.5804	89.7543	92.6762	65.4555	65.4555	65.4555
3428	80.3101	89.3387	93.2423	65.4544	65.4544	65.4544
3429	80.7874	88.8487	93.6744	65.4152	65.4152	65.4152
3430	81.1196	88.3052	93.9959	65.327	65.327	65.327
3431	81.3883	87.8181	94.2751	65.2149	65.2149	65.2149
3432	81.5855	87.1656	94.4776	65.0913	65.0913	65.0913
3433	81.7436	86.5874	94.5439	64.9627	64.9627	64.9627
3434	81.9115	86.4266	94.3354	64.8322	64.8322	64.8322
3435	82.2988	86.8565	95.3259	64.7017	64.7017	64.7017
3436	82.7933	87.3947	96.4482	64.572	64.572	64.572
3437	82.72	86.502	94.833	64.4425	64.4425	64.4425
3438	82.5015	85.784	93.6903	64.3137	64.3137	64.3137
3439	82.3976	85.5299	93.3392	64.1859	64.1859	64.1859
3440	82.3724	85.4026	93.1462	64.0593	64.0593	64.0593
3441	82.4141	85.4031	93.1209	63.9338	63.9338	63.9338
3442	82.457	85.3471	92.9917	63.8096	63.8096	63.8096
3443	82.2104	84.5067	91.6746	63.686	63.686	63.686
3444	81.8043	83.5347	90.2485	63.563	63.563	63.563
3445	81.4177	82.8294	89.259	63.441	63.441	63.441
3446	81.1437	82.4618	88.762	63.32	63.32	63.32
3447	80.9299	82.1584	88.3346	63.2001	63.2001	63.2001
3448	80.7293	81.8394	87.8373	63.0812	63.0812	63.0812
3449	80.5199	81.4901	87.2691	62.9633	62.9633	62.9633
3450	80.3039	81.1389	86.7064	62.8463	62.8463	62.8463
3451	80.1033	80.835	86.2485	62.7304	62.7304	62.7304
3452	79.9794	80.7029	86.1363	62.6155	62.6155	62.6155
3453	79.8975	80.6129	86.0658	62.5018	62.5018	62.5018
3454	79.8387	80.5462	86.0182	62.3891	62.3891	62.3891
3455	79.7908	80.492	85.9739	62.2776	62.2776	62.2776
3456	79.7476	80.4435	85.9286	62.1671	62.1671	62.1671
3457	79.7071	80.3979	85.8861	62.0576	62.0576	62.0576
3458	79.6683	80.3542	85.8453	61.9492	61.9492	61.9492
3459	79.6284	80.3107	85.7957	61.8418	61.8418	61.8418
3460	79.5864	80.266	85.7374	61.7354	61.7354	61.7354
3461	79.5432	80.2202	85.6783	61.6301	61.6301	61.6301

3462	79.4994	80.174	85.6191	61.5257	61.5257	61.5257
3463	78.3342	78.7624	80.3799	61.4205	61.4205	61.4205
3464	77.595	78.0476	79.5228	61.3163	61.3163	61.3163
3465	77.1139	77.5664	79.0417	61.213	61.213	61.213
3466	76.7733	77.2258	78.7011	61.1107	61.1107	61.1107
3467	76.5095	76.9621	78.4373	61.0093	61.0093	61.0093
3468	76.2879	76.7405	78.2157	60.9089	60.9089	60.9089
3469	76.0898	76.5424	78.0176	60.8094	60.8094	60.8094
3470	75.9096	76.3569	77.8574	60.7109	60.7109	60.7109
3471	75.7673	76.1889	77.8497	60.6133	60.6133	60.6133
3472	75.6507	76.0559	77.8756	60.5167	60.5167	60.5167
3473	75.5531	75.9495	77.9274	60.4211	60.4211	60.4211
3474	76.8649	88.3728	79.3588	65.7393	65.7393	85.7248
3475	77.6767	89.9435	80.2102	68.8901	68.8901	89.4839
3476	78.1041	90.413	80.5858	70.7646	70.7646	91.3557
3477	78.27	90.2513	80.6904	71.8806	71.8806	92.1144
3478	78.4967	90.0796	81.8641	72.4824	72.4824	91.969
3479	78.7789	90.056	83.14	72.7578	72.7578	91.329
3480	79.2173	90.6166	84.8312	72.8455	72.8455	90.477
3481	77.9997	80.7869	81.3166	70.1192	70.1192	77.2051
3482	76.9579	77.9701	79.8152	67.1108	67.1108	67.1108
3483	76.3069	77.3336	79.067	65.5351	65.5351	65.5351
3484	75.8726	76.9233	78.5486	64.6799	64.6799	64.6799
3485	75.5553	76.6298	78.1481	64.1872	64.1872	64.1872
3486	75.3153	76.3849	77.8952	63.8772	63.8772	63.8772
3487	75.1941	76.2048	78.0887	63.6597	63.6597	63.6597
3488	75.0778	76.0871	78.0072	63.4891	63.4891	63.4891
3489	74.9652	75.973	77.9292	63.3428	63.3428	63.3428
3490	74.8555	75.8618	77.8542	63.2092	63.2092	63.2092
3491	74.7482	75.7531	77.7816	63.0825	63.0825	63.0825
3492	74.5907	75.6025	77.4587	62.9599	62.9599	62.9599
3493	74.4474	75.4592	77.3154	62.8398	62.8398	62.8398
3494	74.3122	75.324	77.1802	62.7216	62.7216	62.7216
3495	74.1818	75.1936	77.0498	62.6048	62.6048	62.6048
3496	74.0544	75.0662	76.9224	62.4893	62.4893	62.4893
3497	73.929	74.9408	76.797	62.375	62.375	62.375
3498	74.5902	79.6192	78.8015	64.7435	64.7435	74.875
3499	76.3428	87.9878	83.5603	67.8306	67.8306	84.2014
3500	77.1362	88.0137	83.9145	69.3042	69.3042	84.7414
3501	77.5067	87.6714	84.4096	69.942	69.942	84.4095
3502	78.0159	88.8713	85.4865	70.1497	70.1497	83.6538
3503	78.2968	89.0315	85.7895	70.1132	70.1132	82.6101
3504	78.46	88.8991	86.3062	69.94	69.94	81.4299
3505	78.6855	89.0426	87.3818	69.6919	69.6919	80.1995
3506	79.0017	89.6791	88.5016	69.4019	69.4019	78.9602
3507	79.2773	90.1947	89.3664	69.0522	69.0522	77.5547
3508	79.5256	90.6259	90.2551	68.6682	68.6682	76.1403
3509	79.2528	88.4708	88.9069	67.7917	67.7917	72.2422
3510	78.2856	84.3614	85.7092	66.3156	66.3156	66.3156
3511	77.8234	85.2859	86.4763	65.5519	65.5519	65.5519
3512	75.8379	75.8379	75.8379	65.1531	65.1531	65.1531
3513	74.731	74.731	74.731	64.9442	64.9442	64.9442
3514	74.1123	74.1123	74.1123	64.8333	64.8333	64.8333
3515	73.7648	73.7648	73.7648	64.7731	64.7731	64.7731
3516	73.5681	73.5681	73.5681	64.7391	64.7391	64.7391
3517	73.4551	73.4551	73.4551	64.7185	64.7185	64.7185



3518	73.3886	73.3886	73.3886	64.7049	64.7049	64.7049
3519	73.3481	73.3481	73.3481	64.6949	64.6949	64.6949
3520	73.3218	73.3218	73.3218	64.6868	64.6868	64.6868
3521	73.3036	73.3036	73.3036	64.6796	64.6796	64.6796
3522	73.2898	73.2898	73.2898	64.6729	64.6729	64.6729
3523	73.2785	73.2785	73.2785	64.6665	64.6665	64.6665
3524	73.2685	73.2685	73.2685	64.6602	64.6602	64.6602
3525	73.2594	73.2594	73.2594	64.654	64.654	64.654
3526	73.2506	73.2506	73.2506	64.6478	64.6478	64.6478
3527	73.2421	73.2421	73.2421	64.6417	64.6417	64.6417
3528	73.2337	73.2337	73.2337	64.6355	64.6355	64.6355
3529	76.5525	92.5351	93.7029	64.6347	64.6347	64.6347
3530	78.4742	91.7984	93.6373	64.6338	64.6338	64.6338
3531	79.6178	90.1188	92.7618	64.6329	64.6329	64.6329
3532	80.3449	89.6959	93.3196	64.632	64.632	64.632
3533	80.8218	89.1494	93.7149	64.5951	64.5951	64.5951
3534	81.1469	88.5475	94.0202	64.5119	64.5119	64.5119
3535	81.412	88.0586	94.2979	64.4061	64.4061	64.4061
3536	81.6197	87.4482	94.5107	64.2896	64.2896	64.2896
3537	81.773	86.7281	94.6679	64.1682	64.1682	64.1682
3538	81.9366	86.5451	94.4675	64.0451	64.0451	64.0451
3539	82.2348	86.7362	94.9735	63.9219	63.9219	63.9219
3540	82.7882	87.4869	96.5371	63.7996	63.7996	63.7996
3541	82.8444	86.8505	95.3791	63.6777	63.6777	63.6777
3542	82.5957	85.9228	93.8578	63.5561	63.5561	63.5561
3543	82.4751	85.6491	93.4853	63.4356	63.4356	63.4356
3544	82.429	85.4712	93.2224	63.3161	63.3161	63.3161
3545	82.4591	85.4595	93.1846	63.1978	63.1978	63.1978
3546	82.5302	85.491	93.1911	63.0806	63.0806	63.0806
3547	82.3546	84.8136	92.1123	62.9641	62.9641	62.9641
3548	81.9843	83.8641	90.6978	62.8483	62.8483	62.8483
3549	81.5591	82.9951	89.4582	62.7331	62.7331	62.7331
3550	81.2626	82.6018	88.9312	62.619	62.619	62.619
3551	81.0346	82.2805	88.4809	62.5059	62.5059	62.5059
3552	80.8291	81.9617	87.9949	62.3937	62.3937	62.3937
3553	80.6127	81.5978	87.4001	62.2824	62.2824	62.2824
3554	80.3875	81.2291	86.8067	62.172	62.172	62.172
3555	80.1779	80.9095	86.3233	62.0626	62.0626	62.0626
3556	80.0493	80.7721	86.2072	61.9542	61.9542	61.9542
3557	79.9651	80.6793	86.1352	61.8468	61.8468	61.8468
3558	79.9053	80.6111	86.0874	61.7405	61.7405	61.7405
3559	79.8561	80.5556	86.0386	61.6352	61.6352	61.6352
3560	79.8121	80.5061	85.9924	61.5309	61.5309	61.5309
3561	80.2313	92.529	82.7267	67.0341	67.0341	87.626
3562	80.4097	92.5279	82.8523	70.0206	70.0206	90.401
3563	80.5128	92.2728	83.2859	71.6415	71.6415	91.5151
3564	80.7669	92.159	84.7733	72.4654	72.4654	91.5206
3565	80.998	92.1799	85.6533	72.8533	72.8533	91.0233
3566	81.1555	90.6836	86.834	72.4516	72.4516	87.9158
3567	79.0194	79.2684	79.6199	68.4216	68.4216	68.4216
3568	77.6177	77.6747	77.7174	66.3672	66.3672	66.5241
3569	76.8914	77.2236	77.4727	65.4475	65.4475	66.3622
3570	76.5402	77.1475	77.603	65.1091	65.1091	66.7815
3571	76.4008	77.2834	77.9452	65.0739	65.0739	67.5041
3572	75.8001	75.8311	75.8749	64.464	64.464	64.464
3573	75.4134	75.5432	75.6406	64.1767	64.1767	64.5344

3574	75.1815	75.4684	75.6836	64.0745	64.0745	64.8647
3575	74.9358	75.1833	75.3689	63.9466	63.9466	64.628
3576	74.6412	74.7706	74.8676	63.7546	63.7546	64.1108
3577	74.6347	75.2522	75.7152	63.9128	63.9128	65.6131
3578	74.5436	75.161	75.6241	63.9554	63.9554	65.6556
3579	74.4071	75.0246	75.4876	63.9401	63.9401	65.6403
3580	74.2467	74.8642	75.3272	63.8961	63.8961	65.5964
3581	74.074	74.6915	75.1545	63.8381	63.8381	65.5384
3582	73.8206	74.2957	74.6519	63.6825	63.6825	64.9906
3583	73.4961	73.7829	73.9979	63.4435	63.4435	64.2331
3584	73.1283	73.2267	73.3006	63.1555	63.1555	63.4266
3585	72.8492	72.9517	73.0964	62.8934	62.8934	62.8934
3586	72.7482	73.0655	73.5135	62.7039	62.7039	62.7039
3587	72.7524	73.2844	74.0358	62.5516	62.5516	62.5516
3588	72.3466	72.3965	72.467	62.4179	62.4179	62.4179
3589	72.0849	72.2149	72.3984	62.2943	62.2943	62.2943
3590	71.9049	72.1149	72.4115	62.1765	62.1765	62.1765
3591	71.7729	72.063	72.4726	62.062	62.062	62.062
3592	71.545	71.7311	71.9938	61.9497	61.9497	61.9497
3593	72.7547	74.2794	78.2917	61.8411	61.8411	61.8411
3594	74.3686	76.4664	83.4751	61.7354	61.7354	61.7354
3595	74.9695	76.475	83.0083	61.6304	61.6304	61.6304
3596	75.227	76.5926	82.9585	61.5262	61.5262	61.5262
3597	75.6699	86.8568	80.31	66.2653	66.2653	84.4561
3598	74.559	76.7302	77.8752	65.5002	65.5002	71.7104
3599	73.0016	73.1314	73.3377	63.6949	63.6949	63.6949
3600	72.0666	72.1965	72.4027	62.7335	62.7335	62.7335
3601	71.47	71.5998	71.806	62.1966	62.1966	62.1966
3602	71.0574	71.1872	71.3934	61.8734	61.8734	61.8734
3603	71.3827	72.3527	74.0116	61.659	61.659	61.659
3604	71.5101	72.4703	74.159	61.4993	61.4993	61.4993
3605	71.5307	72.4812	74.1997	61.3676	61.3676	61.3676
3606	71.494	72.4347	74.1831	61.2504	61.2504	61.2504
3607	71.4268	72.3578	74.1359	61.141	61.141	61.141
3608	71.3225	72.2943	73.9475	61.0359	61.0359	61.0359
3609	71.2146	72.1864	73.8396	60.9335	60.9335	60.9335
3610	71.1051	72.077	73.7301	60.8329	60.8329	60.8329
3611	70.9951	71.967	73.6202	60.7337	60.7337	60.7337
3612	70.8853	71.8571	73.5103	60.6356	60.6356	60.6356
3613	70.7934	71.7232	73.5051	60.5386	60.5386	60.5386
3614	70.7291	71.6221	73.5869	60.4426	60.4426	60.4426
3615	70.6876	71.5567	73.699	60.3475	60.3475	60.3475
3616	70.6656	71.5188	73.8407	60.2535	60.2535	60.2535
3617	70.6601	71.5035	74.0171	60.1604	60.1604	60.1604
3618	70.6698	71.515	74.215	60.0683	60.0683	60.0683
3619	70.6484	71.4939	74.2254	59.977	59.977	59.977
3620	70.6486	71.5117	74.3952	59.8867	59.8867	59.8867
3621	70.6648	71.5466	74.5779	59.7973	59.7973	59.7973
3622	70.6736	71.5667	74.6825	59.7088	59.7088	59.7088
3623	70.6869	71.5944	74.8178	59.6211	59.6211	59.6211
3624	71.7301	73.2204	79.7413	59.536	59.536	59.536
3625	72.2708	73.6731	80.0898	59.4515	59.4515	59.4515
3626	71.1972	72.0726	73.892	59.3657	59.3657	59.3657
3627	70.8197	71.5734	74.501	59.2811	59.2811	59.2811
3628	70.5342	71.2845	74.0538	59.1973	59.1973	59.1973
3629	70.2993	71.0491	73.6478	59.1141	59.1141	59.1141

3630	70.0947	70.8535	73.285	59.0316	59.0316	59.0316
3631	69.9648	70.719	73.2351	58.95	58.95	58.95
3632	69.8233	70.5855	72.9617	58.8691	58.8691	58.8691
3633	69.6772	70.4566	72.6924	58.7889	58.7889	58.7889
3634	69.5296	70.3312	72.4314	58.7093	58.7093	58.7093
3635	69.3822	70.2114	72.1809	58.6305	58.6305	58.6305
3636	69.2375	70.1147	71.9307	58.5524	58.5524	58.5524
3637	69.1153	69.9925	71.8085	58.4751	58.4751	58.4751
3638	69.0056	69.8828	71.6988	58.3984	58.3984	58.3984
3639	68.9029	69.7801	71.5961	58.3225	58.3225	58.3225
3640	70.1733	79.6067	74.4952	62.5833	62.5833	79.1343
3641	71.6232	83.2998	78.0748	65.1783	65.1783	82.4629
3642	72.6274	84.2631	79.8374	66.4378	66.4378	82.7975
3643	73.0309	83.8941	79.8115	67.0057	67.0057	82.424
3644	73.2126	83.3927	80.1278	67.203	67.203	81.6509
3645	73.6349	84.506	81.1184	67.2032	67.2032	80.6855
3646	73.8741	84.5993	81.3629	67.0757	67.0757	79.5471
3647	74.0348	84.4682	81.905	66.8703	66.8703	78.3328
3648	74.2761	84.6431	82.9971	66.6197	66.6197	77.098
3649	74.6152	85.3045	84.1404	66.3412	66.3412	75.8672
3650	74.9153	85.841	85.025	66.0097	66.0097	74.4748
3651	75.191	86.2972	85.9445	65.6485	65.6485	73.0838
3652	74.9064	83.9647	84.4438	64.7591	64.7591	69.0102
3653	73.9787	80.1318	81.4709	63.3276	63.3276	63.3276
3654	73.5386	81.0506	82.2354	62.5873	62.5873	62.5873
3655	71.5651	71.5651	71.5651	62.201	62.201	62.201
3656	70.4653	70.4653	70.4653	61.999	61.999	61.999
3657	69.851	69.851	69.851	61.8922	61.8922	61.8922
3658	69.5065	69.5065	69.5065	61.8344	61.8344	61.8344
3659	69.312	69.312	69.312	61.8021	61.8021	61.8021
3660	69.2007	69.2007	69.2007	61.7828	61.7828	61.7828
3661	69.1357	69.1357	69.1357	61.7703	61.7703	61.7703
3662	69.0964	69.0964	69.0964	61.7613	61.7613	61.7613
3663	69.0714	69.0714	69.0714	61.7541	61.7541	61.7541
3664	69.0543	69.0543	69.0543	61.7478	61.7478	61.7478
3665	69.0417	69.0417	69.0417	61.742	61.742	61.742
3666	69.0315	69.0315	69.0315	61.7365	61.7365	61.7365
3667	69.0227	69.0227	69.0227	61.7311	61.7311	61.7311
3668	69.0146	69.0146	69.0146	61.7257	61.7257	61.7257
3669	69.0069	69.0069	69.0069	61.7204	61.7204	61.7204
3670	68.9995	68.9995	68.9995	61.7151	61.7151	61.7151
3671	68.9923	68.9923	68.9923	61.7098	61.7098	61.7098
3672	72.3113	88.1971	89.3894	61.7097	61.7097	61.7097
3673	74.2337	87.461	89.3243	61.7094	61.7094	61.7094
3674	75.3787	85.8377	88.5165	61.7092	61.7092	61.7092
3675	76.107	85.4161	89.0755	61.7089	61.7089	61.7089
3676	76.5943	84.8932	89.4928	61.68	61.68	61.68
3677	76.9399	84.319	89.8195	61.6143	61.6143	61.6143
3678	77.2283	83.8472	90.1144	61.5306	61.5306	61.5306
3679	77.4606	83.2573	90.3518	61.4384	61.4384	61.4384
3680	77.6419	82.571	90.5381	61.3423	61.3423	61.3423
3681	77.8347	82.4312	90.3519	61.2448	61.2448	61.2448
3682	78.1733	82.6819	90.9489	61.1474	61.1474	61.1474
3683	78.7623	83.4681	92.5477	61.0507	61.0507	61.0507
3684	78.8248	82.8018	91.3046	60.9541	60.9541	60.9541
3685	78.6057	81.9268	89.858	60.8578	60.8578	60.8578

3686	78.514	81.6816	89.5137	60.7623	60.7623	60.7623
3687	78.4983	81.5382	89.288	60.6677	60.6677	60.6677
3688	78.5578	81.5555	89.2788	60.5739	60.5739	60.5739
3689	78.6578	81.6151	89.313	60.4811	60.4811	60.4811
3690	78.4714	80.8582	88.0989	60.3887	60.3887	60.3887
3691	78.0958	79.8848	86.6455	60.2967	60.2967	60.2967
3692	77.7113	79.1268	85.5616	60.2053	60.2053	60.2053
3693	77.4451	78.7591	85.0536	60.1146	60.1146	60.1146
3694	77.241	78.4564	84.6146	60.0247	60.0247	60.0247
3695	77.0411	78.1123	84.0493	59.9355	59.9355	59.9355
3696	76.831	77.7447	83.4353	59.847	59.847	59.847
3697	76.6124	77.3728	82.8235	59.7592	59.7592	59.7592
3698	76.4735	77.1992	82.6272	59.6722	59.6722	59.6722
3699	76.396	77.1123	82.5631	59.586	59.586	59.586
3700	76.3521	77.0591	82.5323	59.5007	59.5007	59.5007
3701	76.3239	77.0238	82.5065	59.4161	59.4161	59.4161
3702	76.3031	76.997	82.4833	59.3324	59.3324	59.3324
3703	76.2865	76.9744	82.4644	59.2495	59.2495	59.2495
3704	76.271	76.9538	82.4417	59.1674	59.1674	59.1674
3705	76.2528	76.9324	82.404	59.086	59.086	59.086
3706	76.233	76.9096	82.3653	59.0055	59.0055	59.0055
3707	76.2124	76.8861	82.3262	58.9256	58.9256	58.9256
3708	74.6569	74.8844	75.2081	58.8443	58.8443	58.8443
3709	75.0478	82.7453	77.0857	63.0319	63.0319	79.3607
3710	75.9402	88.158	78.4909	66.686	66.686	87.2447
3711	76.4251	88.7151	78.93	68.8322	68.8322	89.4245
3712	76.6649	88.8637	79.1206	70.1672	70.1672	90.6339
3713	76.7459	88.6005	79.2016	71.0054	71.0054	91.0858
3714	76.9975	88.4861	80.6815	71.4531	71.4531	90.7336
3715	77.264	88.5066	81.732	71.6719	71.6719	90.0973
3716	77.7402	89.2086	83.5627	71.7524	71.7524	89.2975
3717	78.4351	90.3228	85.8497	71.7453	71.7453	88.4017
3718	78.6248	89.745	85.4162	71.6743	71.6743	87.4274
3719	78.6564	89.057	85.5142	71.5433	71.5433	86.343
3720	78.8534	89.4683	86.1253	71.3673	71.3673	85.2097
3721	79.1059	89.9771	86.6536	71.147	71.147	84.0081
3722	79.1742	89.6883	86.7087	70.8799	70.8799	82.7278
3723	79.3282	89.6347	87.7261	70.584	70.584	81.4403
3724	79.5928	90.1553	88.8018	70.2705	70.2705	80.1727
3725	79.8715	90.7034	89.7493	69.9197	69.9197	78.8056
3726	80.1209	91.1628	90.6102	69.5309	69.5309	77.372
3727	80.2534	91.0589	91.0676	69.0284	69.0284	75.4608
3728	79.2921	85.7134	86.9024	67.5052	67.5052	68.4642
3729	78.6279	85.5984	86.8447	66.4827	66.4827	66.4827
3730	78.3341	86.6634	87.7555	65.9531	65.9531	65.9531
3731	76.4278	76.4278	76.4278	65.6753	65.6753	65.6753
3732	75.3649	75.3649	75.3649	65.5289	65.5289	65.5289
3733	74.7704	74.7704	74.7704	65.4502	65.4502	65.4502
3734	74.4364	74.4364	74.4364	65.4067	65.4067	65.4067
3735	74.2471	74.2471	74.2471	65.3812	65.3812	65.3812
3736	74.1381	74.1381	74.1381	65.365	65.365	65.365
3737	74.0738	74.0738	74.0738	65.3537	65.3537	65.3537
3738	74.0343	74.0343	74.0343	65.3448	65.3448	65.3448
3739	74.0086	74.0086	74.0086	65.3373	65.3373	65.3373
3740	73.9906	73.9906	73.9906	65.3304	65.3304	65.3304
3741	73.9769	73.9769	73.9769	65.3239	65.3239	65.3239

3742	73.9655	73.9655	73.9655	65.3175	65.3175	65.3175
3743	73.9554	73.9554	73.9554	65.3112	65.3112	65.3112
3744	73.9461	73.9461	73.9461	65.305	65.305	65.305
3745	73.9372	73.9372	73.9372	65.2988	65.2988	65.2988
3746	73.9285	73.9285	73.9285	65.2926	65.2926	65.2926
3747	73.9199	73.9199	73.9199	65.2865	65.2865	65.2865
3748	77.2236	91.5103	93.1062	65.2853	65.2853	65.2853
3749	79.1356	90.6751	92.9645	65.284	65.284	65.284
3750	80.2839	90.0511	93.3198	65.2828	65.2828	65.2828
3751	80.9907	89.6577	93.8917	65.2439	65.2439	65.2439
3752	81.438	89.1681	94.3174	65.1565	65.1565	65.1565
3753	81.7601	88.6784	94.6401	65.0456	65.0456	65.0456
3754	82.0147	88.16	94.9046	64.9234	64.9234	64.9234
3755	82.1925	87.4637	95.086	64.7962	64.7962	64.7962
3756	82.3529	87.0804	95.02	64.6671	64.6671	64.6671
3757	82.5372	86.9665	94.9068	64.5378	64.5378	64.5378
3758	83.0225	87.6501	96.4071	64.4093	64.4093	64.4093
3759	83.3043	87.6058	96.3948	64.2817	64.2817	64.2817
3760	83.1212	86.6339	94.7274	64.1544	64.1544	64.1544
3761	82.9617	86.1899	94.0612	64.0281	64.0281	64.0281
3762	82.8881	85.9697	93.7462	63.9029	63.9029	63.9029
3763	82.8921	85.9075	93.6418	63.7789	63.7789	63.7789
3764	82.9478	85.9227	93.6317	63.6561	63.6561	63.6561
3765	82.8797	85.5547	93.0267	63.5342	63.5342	63.5342
3766	82.5678	84.6545	91.6542	63.413	63.413	63.413
3767	82.1243	83.656	90.2102	63.2926	63.2926	63.2926
3768	81.7936	83.1742	89.5607	63.1731	63.1731	63.1731
3769	81.5527	82.8477	89.1158	63.0547	63.0547	63.0547
3770	81.3623	82.5786	88.738	62.9374	62.9374	62.9374
3771	81.1833	82.2964	88.299	62.821	62.821	62.821
3772	81.0031	82.0052	87.8342	62.7057	62.7057	62.7057
3773	80.8251	81.7263	87.3974	62.5913	62.5913	62.5913
3774	80.6513	81.4616	86.9902	62.478	62.478	62.478
3775	80.4865	81.2198	86.6295	62.3657	62.3657	62.3657
3776	80.3781	81.1063	86.5284	62.2544	62.2544	62.2544
3777	80.3007	81.0239	86.4579	62.1442	62.1442	62.1442
3778	80.2402	80.9586	86.4044	62.035	62.035	62.035
3779	80.1893	80.9029	86.3602	61.9269	61.9269	61.9269
3780	80.1438	80.8528	86.3213	61.8198	61.8198	61.8198
3781	80.1015	80.806	86.2855	61.7137	61.7137	61.7137
3782	80.0594	80.7606	86.2426	61.6087	61.6087	61.6087
3783	80.0173	80.7156	86.1993	61.5046	61.5046	61.5046
3784	79.9757	80.6707	86.1564	61.4016	61.4016	61.4016
3785	79.9348	80.6259	86.1139	61.2995	61.2995	61.2995
3786	79.8948	80.5814	86.0722	61.1984	61.1984	61.1984
3787	79.854	80.5364	86.0223	61.0982	61.0982	61.0982
3788	79.8103	80.4894	85.9583	60.999	60.999	60.999
3789	79.7646	80.4402	85.8902	60.9007	60.9007	60.9007
3790	78.6837	80.7673	80.3749	62.6249	62.6249	70.284
3791	78.023	80.1168	79.7134	63.5598	63.5598	71.244
3792	77.591	79.6948	79.2804	64.098	64.098	71.8073
3793	77.2828	79.3904	78.972	64.4328	64.4328	72.1514
3794	77.042	79.1496	78.7311	64.6624	64.6624	72.381
3795	76.8383	78.9459	78.5274	64.8387	64.8387	72.5573
3796	76.6551	78.7627	78.3443	64.9876	64.9876	72.7062
3797	76.4837	78.5913	78.1728	65.1222	65.1222	72.8408

3798	76.3191	78.4268	78.0083	65.2489	65.2489	72.9676
3799	76.1309	77.9799	77.8431	65.2074	65.2074	72.2855
3800	75.9288	77.4671	77.6894	65.0169	65.0169	71.2361
3801	75.7294	76.9979	77.5632	64.7373	64.7373	70.0791
3802	75.1794	75.6402	75.904	63.833	63.833	65.8003
3803	75.0301	75.6624	76.5705	62.8975	62.8975	62.8975
3804	74.9176	75.4144	76.6952	62.3732	62.3732	62.3732
3805	74.8149	75.2675	76.7427	62.056	62.056	62.056
3806	74.6857	75.1383	76.6135	61.8434	61.8434	61.8434
3807	74.5661	74.9977	76.5931	61.6838	61.6838	61.6838
3808	74.4335	74.8624	76.4753	61.5513	61.5513	61.5513
3809	74.2946	74.7208	76.3512	61.4329	61.4329	61.4329
3810	74.14	74.5735	76.1573	61.3221	61.3221	61.3221
3811	73.9864	74.4198	76.0036	61.2155	61.2155	61.2155
3812	73.8337	74.2672	75.8509	61.1116	61.1116	61.1116
3813	73.6821	74.1156	75.6993	61.0095	61.0095	61.0095
3814	73.5315	73.965	75.5488	60.9088	60.9088	60.9088
3815	73.382	73.8155	75.3993	60.8092	60.8092	60.8092
3816	73.2336	73.6671	75.2508	60.7106	60.7106	60.7106
3817	73.0862	73.5197	75.1034	60.613	60.613	60.613
3818	73.3429	77.6548	75.0809	63.4864	63.4864	75.3851
3819	74.654	86.847	77.2131	67.6848	67.6848	88.2254
3820	75.3698	87.6552	77.8803	70.1026	70.1026	90.6952
3821	75.7402	87.964	78.2	71.5754	71.5754	92.0688
3822	75.883	87.7497	78.2981	72.476	72.476	92.5828
3823	76.1763	87.6658	79.8573	72.9405	72.9405	92.2229
3824	76.4699	87.7083	80.9508	73.1547	73.1547	91.5626
3825	76.9814	88.4748	82.8795	73.2213	73.2213	90.7351
3826	77.6682	89.5216	85.0549	73.1972	73.1972	89.8132
3827	77.8539	88.9354	84.6138	73.1084	73.1084	88.8159
3828	77.8918	88.2545	84.756	72.9596	72.9596	87.7085
3829	78.1142	88.7642	85.4159	72.7672	72.7672	86.5583
3830	78.3616	89.2125	85.901	72.5305	72.5305	85.3375
3831	78.4409	88.944	86.0214	72.2485	72.2485	84.0436
3832	78.6035	88.8989	87.0474	71.9377	71.9377	82.7412
3833	78.879	89.4588	88.1309	71.6103	71.6103	81.462
3834	79.1612	90.0057	89.07	71.2441	71.2441	80.0736
3835	79.4145	90.465	89.9391	70.8414	70.8414	78.6282
3836	79.4917	90.0636	90.1352	70.2699	70.2699	76.4107
3837	78.4995	84.6874	85.9392	68.7016	68.7016	69.3691
3838	77.8764	84.9192	86.1573	67.7189	67.7189	67.7189
3839	77.6056	86.0072	87.0911	67.2097	67.2097	67.2097
3840	75.7109	75.7109	75.7109	66.9423	66.9423	66.9423
3841	74.6545	74.6545	74.6545	66.8011	66.8011	66.8011
3842	74.0638	74.0638	74.0638	66.725	66.725	66.725
3843	73.7319	73.7319	73.7319	66.6826	66.6826	66.6826
3844	73.5438	73.5438	73.5438	66.6576	66.6576	66.6576
3845	73.4356	73.4356	73.4356	66.6416	66.6416	66.6416
3846	73.3719	73.3719	73.3719	66.6302	66.6302	66.6302
3847	73.3328	73.3328	73.3328	66.6212	66.6212	66.6212
3848	73.3074	73.3074	73.3074	66.6134	66.6134	66.6134
3849	73.2896	73.2896	73.2896	66.6063	66.6063	66.6063
3850	73.2761	73.2761	73.2761	66.5995	66.5995	66.5995
3851	73.2649	73.2649	73.2649	66.5929	66.5929	66.5929
3852	73.255	73.255	73.255	66.5863	66.5863	66.5863
3853	73.2459	73.2459	73.2459	66.5799	66.5799	66.5799

3854	73.2371	73.2371	73.2371	66.5734	66.5734	66.5734
3855	73.2286	73.2286	73.2286	66.5669	66.5669	66.5669
3856	73.2202	73.2202	73.2202	66.5605	66.5605	66.5605
3857	76.5228	90.668	92.2996	66.5589	66.5589	66.5589
3858	78.4337	89.7676	92.1089	66.5572	66.5572	66.5572
3859	79.5828	89.2888	92.6098	66.5556	66.5556	66.5556
3860	80.2915	88.9085	93.1913	66.513	66.513	66.513
3861	80.7421	88.4223	93.6203	66.4179	66.4179	66.4179
3862	81.0694	87.9475	93.95	66.2972	66.2972	66.2972
3863	81.3266	87.425	94.2164	66.1642	66.1642	66.1642
3864	81.508	86.7328	94.4018	66.0258	66.0258	66.0258
3865	81.6749	86.3849	94.322	65.8853	65.8853	65.8853
3866	81.8812	86.3212	94.3052	65.7446	65.7446	65.7446
3867	82.3814	87.0195	95.8197	65.6048	65.6048	65.6048
3868	82.6342	86.8916	95.6418	65.4658	65.4658	65.4658
3869	82.4386	85.9116	93.9701	65.3273	65.3273	65.3273
3870	82.2923	85.5125	93.3785	65.19	65.19	65.19
3871	82.228	85.302	93.0737	65.0538	65.0538	65.0538
3872	82.2413	85.2544	92.9873	64.9189	64.9189	64.9189
3873	82.3042	85.2766	92.984	64.7853	64.7853	64.7853
3874	82.2148	84.8393	92.2708	64.6527	64.6527	64.6527
3875	81.8834	83.9035	90.8497	64.5209	64.5209	64.5209
3876	80.9872	86.8842	85.5325	67.2384	67.2384	78.7079
3877	78.799	78.9019	78.9792	65.9263	65.9263	66.2098
3878	77.6013	77.8926	78.111	65.3247	65.3247	66.1267
3879	76.9471	77.4267	77.7863	65.088	65.088	66.4085
3880	76.5937	77.2615	77.7624	65.0424	65.0424	66.8813
3881	76.4095	77.2656	77.9076	65.1006	65.1006	67.458
3882	76.0119	76.3571	76.8446	64.5531	64.5531	64.5531
3883	75.7921	76.2721	76.9499	64.2141	64.2141	64.2141
3884	75.6746	76.2893	77.1574	63.9804	63.9804	63.9804
3885	75.618	76.3675	77.4259	63.8002	63.8002	63.8002
3886	75.6001	76.4844	77.733	63.6477	63.6477	63.6477
3887	75.1026	75.3796	75.7708	63.5089	63.5089	63.5089
3888	74.7372	75.0143	75.4054	63.378	63.378	63.378
3889	74.4443	74.7213	75.1125	63.2515	63.2515	63.2515
3890	74.1913	74.4683	74.8595	63.1278	63.1278	63.1278
3891	73.9606	74.2376	74.6288	63.0061	63.0061	63.0061
3892	73.7427	74.0198	74.4109	62.886	62.886	62.886
3893	73.5325	73.8095	74.2007	62.7672	62.7672	62.7672
3894	73.327	73.604	73.9952	62.6496	62.6496	62.6496
3895	73.1248	73.4018	73.7929	62.5331	62.5331	62.5331
3896	72.9249	73.202	73.5931	62.4178	62.4178	62.4178
3897	72.7271	73.0041	73.3953	62.3036	62.3036	62.3036
3898	72.5309	72.808	73.1991	62.1904	62.1904	62.1904
3899	72.3364	72.6134	73.0046	62.0783	62.0783	62.0783
3900	72.1433	72.4203	72.8115	61.9672	61.9672	61.9672
3901	71.9516	72.2286	72.6198	61.8571	61.8571	61.8571
3902	71.7613	72.0384	72.4295	61.7481	61.7481	61.7481
3903	71.4757	71.611	71.8019	61.64	61.64	61.64
3904	71.649	72.3977	73.4549	61.5335	61.5335	61.5335
3905	71.6761	72.4247	73.4819	61.4279	61.4279	61.4279
3906	71.6242	72.3729	73.43	61.3234	61.3234	61.3234
3907	71.5301	72.2787	73.3359	61.2198	61.2198	61.2198
3908	71.4691	72.2993	73.4716	61.1173	61.1173	61.1173
3909	70.9965	71.2735	71.6647	61.0152	61.0152	61.0152

3910	70.6582	70.9352	71.3264	60.914	60.914	60.914
3911	70.3932	70.6702	71.0614	60.8138	60.8138	60.8138
3912	70.1686	70.4456	70.8368	60.7145	60.7145	60.7145
3913	69.9665	70.2435	70.6347	60.6162	60.6162	60.6162
3914	69.7771	70.0541	70.4453	60.5187	60.5187	60.5187
3915	69.5953	69.8723	70.2635	60.4222	60.4222	60.4222
3916	69.418	69.6951	70.0862	60.3266	60.3266	60.3266
3917	69.2439	69.5209	69.9121	60.2318	60.2318	60.2318
3918	69.072	69.349	69.7402	60.1379	60.1379	60.1379
3919	68.9019	69.1789	69.5701	60.0449	60.0449	60.0449
3920	68.7333	69.0103	69.4015	59.9528	59.9528	59.9528
3921	68.566	68.843	69.2342	59.8615	59.8615	59.8615
3922	68.4001	68.6771	69.0682	59.7711	59.7711	59.7711
3923	68.2353	68.5124	68.9035	59.6815	59.6815	59.6815
3924	68.0718	68.3488	68.74	59.5927	59.5927	59.5927
3925	67.9334	68.3401	68.6451	59.7638	59.7638	60.8838
3926	67.8483	68.3732	68.7668	59.8979	59.8979	61.3431
3927	67.7961	68.439	68.9212	60.0182	60.0182	61.7886
3928	67.7654	68.5265	69.0972	60.1364	60.1364	62.232
3929	67.7308	68.5727	69.2041	60.2345	60.2345	62.5528
3930	69.7598	72.0941	78.9236	59.7412	59.7412	59.7412
3931	70.7635	72.6263	79.4464	59.4527	59.4527	59.4527
3932	71.1134	72.5353	78.9789	59.2672	59.2672	59.2672
3933	71.2604	72.5749	78.87	59.1339	59.1339	59.1339
3934	71.2968	72.5096	78.6639	59.0273	59.0273	59.0273
3935	71.2453	72.3126	78.2436	58.9342	58.9342	58.9342
3936	71.1381	72.0541	77.7482	58.8483	58.8483	58.8483
3937	71.0014	71.7756	77.2478	58.7663	58.7663	58.7663
3938	70.915	71.6426	77.0661	58.6867	58.6867	58.6867
3939	70.8831	71.6025	77.0458	58.6086	58.6086	58.6086
3940	70.8805	71.5923	77.0541	58.5317	58.5317	58.5317
3941	70.8938	71.5984	77.0775	58.4558	58.4558	58.4558
3942	70.9126	71.6124	77.0952	58.3807	58.3807	58.3807
3943	70.9342	71.6296	77.1151	58.3063	58.3063	58.3063
3944	70.9573	71.6484	77.1365	58.2327	58.2327	58.2327
3945	70.9813	71.6681	77.1587	58.1598	58.1598	58.1598
3946	71.0048	71.6879	77.1774	58.0876	58.0876	58.0876
3947	70.5614	71.0773	75.0343	58.0154	58.0154	58.0154
3948	69.688	70.1364	71.9252	57.9431	57.9431	57.9431
3949	70.2453	70.9245	76.3934	57.8729	57.8729	57.8729
3950	70.5558	71.2327	76.6899	57.8034	57.8034	57.8034
3951	70.0156	74.4082	71.7622	60.7304	60.7304	72.7263
3952	70.8947	83.1486	73.4331	64.957	64.957	85.5419
3953	71.3835	83.6862	73.8727	67.3878	67.3878	87.9793
3954	71.6186	83.6792	74.0519	68.8235	68.8235	89.1423
3955	71.8308	83.5204	74.8401	69.6473	69.6473	89.3672
3956	72.1537	83.5022	76.2946	70.0718	70.0718	88.9442
3957	72.4519	83.588	77.2488	70.2644	70.2644	88.2413
3958	73.2143	85.0571	80.168	70.3249	70.3249	87.4017
3959	73.6692	85.1434	80.7497	70.3015	70.3015	86.4735
3960	73.8019	84.532	80.6048	70.2129	70.2129	85.4531
3961	73.9006	84.2001	80.914	70.0692	70.0692	84.3503
3962	74.2764	85.2606	81.853	69.8854	69.8854	83.2094
3963	74.4232	85.0882	81.8877	69.6501	69.6501	81.9609
3964	74.5659	84.9676	82.5677	69.3798	69.3798	80.691
3965	74.8063	85.2211	83.6467	69.0856	69.0856	79.423

3966	75.1296	85.8533	84.7398	68.7684	68.7684	78.1401
3967	75.4198	86.3795	85.6135	68.4037	68.4037	76.7164
3968	75.6879	86.8171	86.5363	68.0149	68.0149	75.3045
3969	75.2372	83.6694	84.317	66.9507	66.9507	70.4202
3970	74.3702	80.7174	82.0344	65.6006	65.6006	65.6006
3971	73.9639	81.6699	82.8328	64.902	64.902	64.902
3972	72.0059	72.0059	72.0059	64.5372	64.5372	64.5372
3973	70.9147	70.9147	70.9147	64.3461	64.3461	64.3461
3974	70.3051	70.3051	70.3051	64.2447	64.2447	64.2447
3975	69.9632	69.9632	69.9632	64.1895	64.1895	64.1895
3976	69.77	69.77	69.77	64.1583	64.1583	64.1583
3977	69.6594	69.6594	69.6594	64.1394	64.1394	64.1394
3978	69.5947	69.5947	69.5947	64.1268	64.1268	64.1268
3979	69.5556	69.5556	69.5556	64.1176	64.1176	64.1176
3980	69.5306	69.5306	69.5306	64.1101	64.1101	64.1101
3981	69.5135	69.5135	69.5135	64.1034	64.1034	64.1034
3982	69.5008	69.5008	69.5008	64.0972	64.0972	64.0972
3983	69.4905	69.4905	69.4905	64.0912	64.0912	64.0912
3984	69.4816	69.4816	69.4816	64.0854	64.0854	64.0854
3985	69.4734	69.4734	69.4734	64.0796	64.0796	64.0796
3986	69.4656	69.4656	69.4656	64.0739	64.0739	64.0739
3987	69.4581	69.4581	69.4581	64.0682	64.0682	64.0682
3988	69.4507	69.4507	69.4507	64.0625	64.0625	64.0625
3989	72.7663	88.2725	89.5605	64.0614	64.0614	64.0614
3990	74.6866	87.5343	89.4934	64.0604	64.0604	64.0604
3991	75.8325	86.1272	88.9461	64.0593	64.0593	64.0593
3992	76.5613	85.7062	89.5056	64.0582	64.0582	64.0582
3993	77.0464	85.2061	89.9356	64.0225	64.0225	64.0225
3994	77.3942	84.6647	90.2747	63.9422	63.9422	63.9422
3995	77.6823	84.1928	90.5694	63.8403	63.8403	63.8403
3996	77.9067	83.5786	90.7984	63.728	63.728	63.728
3997	78.0872	82.9656	90.9271	63.6111	63.6111	63.6111
3998	78.2791	82.8287	90.7426	63.4924	63.4924	63.4924
3999	78.6593	83.1962	91.5799	63.3738	63.3738	63.3738
4000	79.2414	83.9341	93.0681	63.256	63.256	63.256
4001	79.2251	83.0891	91.4925	63.1383	63.1383	63.1383
4002	79.0124	82.3112	90.2281	63.0212	63.0212	63.0212
4003	78.923	82.0706	89.8898	62.9051	62.9051	62.9051
4004	78.9128	81.9474	89.6939	62.79	62.79	62.79
4005	78.9739	81.9571	89.6876	62.676	62.676	62.676
4006	79.0731	82.0266	89.7222	62.5631	62.5631	62.5631
4007	78.8666	81.2201	88.4339	62.4509	62.4509	62.4509
4008	78.4903	80.2689	87.0213	62.3393	62.3393	62.3393
4009	78.1113	79.5296	85.9684	62.2284	62.2284	62.2284
4010	77.8507	79.1729	85.4788	62.1186	62.1186	62.1186
4011	77.6529	78.8825	85.0602	62.0097	62.0097	62.0097
4012	77.4683	78.5742	84.5655	61.9017	61.9017	61.9017
4013	77.2735	78.2326	83.9943	61.7946	61.7946	61.7946
4014	77.0705	77.8867	83.4247	61.6884	61.6884	61.6884
4015	76.9005	77.6306	83.0482	61.5831	61.5831	61.5831
4016	76.8042	77.5254	82.9644	61.4788	61.4788	61.4788
4017	76.7481	77.4607	82.9204	61.3756	61.3756	61.3756
4018	76.7141	77.4183	82.8983	61.2733	61.2733	61.2733
4019	76.6887	77.3871	82.8707	61.172	61.172	61.172
4020	76.4939	77.1206	82.0368	61.0714	61.0714	61.0714
4021	76.9875	89.2682	79.4565	66.5664	66.5664	87.1208

4022	77.1965	89.1483	79.6121	69.5044	69.5044	89.7065
4023	77.4393	89.0539	80.7003	71.0554	71.0554	90.6113
4024	77.7288	89.0604	81.9219	71.8613	71.8613	90.6619
4025	77.9811	89.127	82.7477	72.2696	72.2696	90.2878
4026	78.3454	88.7614	84.4421	72.1367	72.1367	88.3028
4027	77.0255	79.4023	80.2869	69.5244	69.5244	75.8283
4028	76.2576	78.6015	79.5148	68.2231	68.2231	74.4663
4029	75.7892	78.1009	79.0422	67.5794	67.5794	73.7631
4030	75.4973	77.8499	78.7556	67.2993	67.2993	73.5583
4031	75.2825	77.5696	78.5358	67.1509	67.1509	73.2809
4032	75.1008	77.2319	78.3665	67.0084	67.0084	72.7728
4033	74.9531	77.06	78.2208	66.9396	66.9396	72.6473
4034	74.8241	76.9068	78.0937	66.907	66.907	72.5579
4035	74.7054	76.7637	77.9769	66.8914	66.8914	72.4854
4036	74.592	76.6236	77.8657	66.882	66.882	72.4132
4037	74.4996	76.6442	77.7643	66.9559	66.9559	72.752
4038	74.4052	76.5499	77.6699	67.0099	67.0099	72.8059
4039	74.3101	76.4547	77.5748	67.0535	67.0535	72.8496
4040	74.2149	76.3595	77.4796	67.0919	67.0919	72.888
4041	74.1199	76.2645	77.3846	67.1275	67.1275	72.9236
4042	74.0254	76.17	77.2901	67.1615	67.1615	72.9576
4043	73.9315	76.0761	77.1961	67.1945	67.1945	72.9906
4044	73.8381	75.9828	77.1028	67.227	67.227	73.023
4045	73.7454	75.89	77.0101	67.2589	67.2589	73.055
4046	73.6534	75.798	76.918	67.2905	67.2905	73.0866
4047	73.562	75.7066	76.8266	67.3217	67.3217	73.1178
4048	73.4712	75.6158	76.7359	67.3526	67.3526	73.1487
4049	73.3811	75.5257	76.6458	67.3832	67.3832	73.1792
4050	73.2916	75.4363	76.5563	67.4135	67.4135	73.2095
4051	73.2028	75.3475	76.4675	67.4434	67.4434	73.2395
4052	73.1147	75.2593	76.3793	67.4731	67.4731	73.2692
4053	73.0271	75.1717	76.2918	67.5025	67.5025	73.2986
4054	72.9542	75.2086	76.2101	67.5956	67.5956	73.6488
4055	72.8809	75.1714	76.134	67.6814	67.6814	73.8192
4056	72.8092	75.1344	76.064	67.7615	67.7615	73.9701
4057	72.732	75.0516	75.986	67.8193	67.8193	74.0176
4058	72.6581	75.0043	75.9156	67.8805	67.8805	74.1277
4059	73.7869	75.8445	81.8915	66.4696	66.4696	66.4696
4060	74.5147	76.2747	83.0123	65.6931	65.6931	65.6931
4061	74.7319	76.1215	82.5206	65.2355	65.2355	65.2355
4062	74.7862	76.0576	82.2931	64.9388	64.9388	64.9388
4063	74.0985	74.9198	78.9124	64.7227	64.7227	64.7227
4064	74.7617	86.021	79.1777	69.4874	69.4874	87.9837
4065	75.3927	86.7672	80.9314	71.8556	71.8556	89.5183
4066	76.2907	88.3104	83.8125	72.9999	72.9999	89.8116
4067	76.6069	87.8817	83.5238	73.5071	73.5071	89.442
4068	76.6903	87.2485	83.5219	73.6662	73.6662	88.6765
4069	76.8384	87.2951	83.9811	73.6296	73.6296	87.6909
4070	77.1633	88.1221	84.7462	73.4757	73.4757	86.5706
4071	77.2482	87.826	84.6776	73.2332	73.2332	85.3113
4072	77.3974	87.7516	85.5968	72.9413	72.9413	84.0255
4073	77.6487	88.1359	86.6732	72.6189	72.6189	82.7388
4074	77.9478	88.7254	87.6914	72.262	72.262	81.3913
4075	78.2153	89.2201	88.5521	71.859	71.859	79.9342
4076	78.4618	89.628	89.462	71.4328	71.4328	78.4892
4077	77.7335	85.1624	86.0801	70.0936	70.0936	72.3105

4078	76.9544	83.6125	84.8943	68.8775	68.8775	68.8775
4079	76.5969	84.6138	85.7414	68.2476	68.2476	68.2476
4080	74.6605	74.6605	74.6605	67.9179	67.9179	67.9179
4081	73.581	73.581	73.581	67.7445	67.7445	67.7445
4082	72.9776	72.9776	72.9776	67.6517	67.6517	67.6517
4083	72.6388	72.6388	72.6388	67.6007	67.6007	67.6007
4084	72.447	72.447	72.447	67.5712	67.5712	67.5712
4085	72.3369	72.3369	72.3369	67.5527	67.5527	67.5527
4086	72.2722	72.2722	72.2722	67.5401	67.5401	67.5401
4087	72.2327	72.2327	72.2327	67.5303	67.5303	67.5303
4088	72.2072	72.2072	72.2072	67.5221	67.5221	67.5221
4089	72.1895	72.1895	72.1895	67.5147	67.5147	67.5147
4090	72.1761	72.1761	72.1761	67.5078	67.5078	67.5078
4091	72.1652	72.1652	72.1652	67.501	67.501	67.501
4092	72.1556	72.1556	72.1556	67.4943	67.4943	67.4943
4093	72.1467	72.1467	72.1467	67.4877	67.4877	67.4877
4094	72.1382	72.1382	72.1382	67.4811	67.4811	67.4811
4095	72.13	72.13	72.13	67.4746	67.4746	67.4746
4096	72.1219	72.1219	72.1219	67.468	67.468	67.468
4097	75.4257	90.3229	91.7232	67.466	67.466	67.466
4098	77.3445	89.5838	91.6965	67.464	67.464	67.464
4099	78.4926	88.5242	91.5675	67.4619	67.4619	67.4619
4100	79.204	88.0911	92.116	67.4166	67.4166	67.4166
4101	79.6581	87.6034	92.5425	67.3157	67.3157	67.3157
4102	79.9843	87.0764	92.862	67.1876	67.1876	67.1876
4103	80.2539	86.5905	93.1424	67.0467	67.0467	67.0467
4104	80.4494	85.9214	93.3421	66.9	66.9	66.9
4105	80.6156	85.4187	93.3693	66.751	66.751	66.751
4106	80.7917	85.266	93.169	66.6018	66.6018	66.6018
4107	81.2245	85.8068	94.377	66.4534	66.4534	66.4534
4108	81.6543	86.1494	95.1093	66.3062	66.3062	66.3062
4109	81.5521	85.2387	93.4854	66.1596	66.1596	66.1596
4110	81.3644	84.6277	92.5217	66.014	66.014	66.014
4111	81.2808	84.3955	92.1934	65.8697	65.8697	65.8697
4112	81.2753	84.3005	92.0411	65.7267	65.7267	65.7267
4113	81.3311	84.3157	92.0307	65.5851	65.5851	65.5851
4114	81.3597	84.2032	91.8105	65.4448	65.4448	65.4448
4115	81.1205	83.3947	90.5449	65.3054	65.3054	65.3054
4116	80.7341	82.4665	89.1818	65.1669	65.1669	65.1669
4117	80.364	81.7804	88.2164	65.0295	65.0295	65.0295
4118	80.1055	81.4323	87.7446	64.8934	64.8934	64.8934
4119	79.9057	81.1456	87.3375	64.7584	64.7584	64.7584
4120	79.7237	80.8568	86.8907	64.6246	64.6246	64.6246
4121	79.5304	80.5265	86.3462	64.492	64.492	64.492
4122	79.3285	80.1913	85.8023	64.3606	64.3606	64.3606
4123	79.1201	79.8537	85.2627	64.2302	64.2302	64.2302
4124	78.9951	79.7206	85.1493	64.1011	64.1011	64.1011
4125	78.9157	79.6332	85.0812	63.9732	63.9732	63.9732
4126	78.8614	79.571	85.0379	63.8466	63.8466	63.8466
4127	78.8199	79.5226	85.0036	63.7212	63.7212	63.7212
4128	78.7833	79.4808	84.965	63.5969	63.5969	63.5969
4129	78.7495	79.4418	84.9291	63.4738	63.4738	63.4738
4130	78.7175	79.4047	84.8951	63.3519	63.3519	63.3519
4131	78.6855	79.3684	84.8568	63.2312	63.2312	63.2312
4132	78.6507	79.3309	84.8053	63.1116	63.1116	63.1116
4133	78.6144	79.292	84.7526	62.9932	62.9932	62.9932

4134	78.5775	79.2525	84.6997	62.8758	62.8758	62.8758
4135	77.8487	78.2773	81.4493	62.7587	62.7587	62.7587
4136	76.9247	77.3976	78.7755	62.642	62.642	62.642
4137	76.3451	76.8181	78.196	62.5263	62.5263	62.5263
4138	75.953	76.4259	77.8038	62.4118	62.4118	62.4118
4139	75.6631	76.136	77.5139	62.2984	62.2984	62.2984
4140	75.4291	75.902	77.2799	62.186	62.186	62.186
4141	75.226	75.699	77.0769	62.0746	62.0746	62.0746
4142	75.034	75.5141	76.8576	61.9643	61.9643	61.9643
4143	74.8372	75.3485	76.5819	61.855	61.855	61.855
4144	74.6383	75.1833	76.3059	61.7467	61.7467	61.7467
4145	74.4604	74.9928	76.1568	61.6395	61.6395	61.6395
4146	74.2769	74.8407	75.9157	61.5332	61.5332	61.5332
4147	74.092	74.6932	75.677	61.4279	61.4279	61.4279
4148	73.7155	74.0932	74.6305	61.3233	61.3233	61.3233
4149	73.9275	76.9103	75.5973	63.5495	63.5495	73.1243
4150	75.3989	87.566	77.9668	68.0149	68.0149	88.5367
4151	76.2027	88.4788	78.7248	70.5698	70.5698	91.163
4152	76.6334	88.9468	79.1096	72.1399	72.1399	92.7307
4153	76.8093	88.794	79.2303	73.099	73.099	93.3364
4154	77.0209	88.6499	80.2339	73.6479	73.6479	93.2351
4155	77.3053	88.6295	81.5213	73.9241	73.9241	92.6944
4156	77.5902	88.7632	82.5202	74.0357	74.0357	91.9504
4157	77.2493	84.0796	82.1432	72.7214	72.7214	85.3
4158	75.3354	75.6918	75.959	69.2474	69.2474	70.2286
4159	74.1788	74.4823	74.7099	67.412	67.412	68.2476
4160	73.5607	74.057	74.4292	66.5548	66.5548	67.9214
4161	73.1399	73.6362	74.0084	66.0742	66.0742	67.4408
4162	72.8267	73.323	73.6952	65.7833	65.7833	67.1499
4163	72.8743	73.6974	74.8597	65.2724	65.2724	65.2724
4164	72.9246	73.8825	75.2351	64.9483	64.9483	64.9483
4165	72.9704	74.0441	75.5662	64.7188	64.7188	64.7188
4166	72.9438	74.0099	75.5659	64.5372	64.5372	64.5372
4167	72.8786	73.9372	75.5271	64.3805	64.3805	64.3805
4168	72.566	73.3338	74.4179	64.2365	64.2365	64.2365
4169	72.3292	73.0969	74.181	64.0996	64.0996	64.0996
4170	72.1339	72.9016	73.9858	63.967	63.967	63.967
4171	71.9617	72.7294	73.8135	63.8371	63.8371	63.8371
4172	71.8024	72.5701	73.6542	63.7091	63.7091	63.7091
4173	71.6506	72.4183	73.5024	63.5827	63.5827	63.5827
4174	71.6084	72.5301	73.8316	63.4578	63.4578	63.4578
4175	71.6316	72.7056	74.2263	63.3344	63.3344	63.3344
4176	71.5985	72.6633	74.2255	63.2121	63.2121	63.2121
4177	71.5357	72.5912	74.195	63.091	63.091	63.091
4178	71.4574	72.5036	74.149	62.9711	62.9711	62.9711
4179	71.3714	72.4084	74.0954	62.8523	62.8523	62.8523
4180	71.2821	72.3099	74.0385	62.7347	62.7347	62.7347
4181	71.1581	72.2213	73.7904	62.6181	62.6181	62.6181
4182	71.0421	72.1036	73.6803	62.5026	62.5026	62.5026
4183	70.9306	71.9907	73.5738	62.3882	62.3882	62.3882
4184	70.8153	71.883	73.4321	62.2749	62.2749	62.2749
4185	70.8799	71.8982	74.1871	62.1629	62.1629	62.1629
4186	72.1246	74.0053	79.9395	62.0536	62.0536	62.0536
4187	73.7097	85.5293	81.069	66.2886	66.2886	82.8648
4188	74.3948	85.4437	81.1445	68.3504	68.3504	84.017
4189	74.7154	85.0466	81.5848	69.2929	69.2929	83.9997

4190	75.1166	85.7966	82.4429	69.66	69.66	83.4092
4191	75.4527	86.2893	82.9859	69.7149	69.7149	82.4781
4192	75.5986	86.0926	83.2169	69.5906	69.5906	81.3423
4193	75.8066	86.0929	84.2883	69.3697	69.3697	80.1299
4194	76.119	86.7128	85.406	69.0988	69.0988	78.909
4195	76.4261	87.2809	86.3605	68.7705	68.7705	77.5536
4196	76.7017	87.7592	87.2554	68.3981	68.3981	76.1403
4197	76.7506	87.1305	87.2538	67.8069	67.8069	73.708
4198	75.7493	81.7452	83.0487	66.2364	66.2364	66.6642
4199	75.1722	82.2745	83.5058	65.3114	65.3114	65.3114
4200	74.9272	83.3883	84.4655	64.8323	64.8323	64.8323
4201	73.0462	73.0462	73.0462	64.5809	64.5809	64.5809
4202	71.9977	71.9977	71.9977	64.4484	64.4484	64.4484
4203	71.4117	71.4117	71.4117	64.3772	64.3772	64.3772
4204	71.0828	71.0828	71.0828	64.3377	64.3377	64.3377
4205	70.8966	70.8966	70.8966	64.3146	64.3146	64.3146
4206	70.7898	70.7898	70.7898	64.2999	64.2999	64.2999
4207	70.7272	70.7272	70.7272	64.2896	64.2896	64.2896
4208	70.689	70.689	70.689	64.2816	64.2816	64.2816
4209	70.6644	70.6644	70.6644	64.2747	64.2747	64.2747
4210	70.6474	70.6474	70.6474	64.2684	64.2684	64.2684
4211	70.6346	70.6346	70.6346	64.2624	64.2624	64.2624
4212	70.6241	70.6241	70.6241	64.2566	64.2566	64.2566
4213	70.615	70.615	70.615	64.2509	64.2509	64.2509
4214	70.6065	70.6065	70.6065	64.2452	64.2452	64.2452
4215	70.5985	70.5985	70.5985	64.2396	64.2396	64.2396
4216	70.5907	70.5907	70.5907	64.2339	64.2339	64.2339
4217	70.583	70.583	70.583	64.2283	64.2283	64.2283
4218	70.5754	70.5754	70.5754	64.2227	64.2227	64.2227
4219	70.5678	70.5678	70.5678	64.217	64.217	64.217
4220	70.5602	70.5602	70.5602	64.2114	64.2114	64.2114
4221	70.5527	70.5527	70.5527	64.2058	64.2058	64.2058
4222	70.5452	70.5452	70.5452	64.2002	64.2002	64.2002
4223	70.5376	70.5376	70.5376	64.1945	64.1945	64.1945
4224	70.5301	70.5301	70.5301	64.1889	64.1889	64.1889
4225	70.5226	70.5226	70.5226	64.1833	64.1833	64.1833
4226	70.5151	70.5151	70.5151	64.1777	64.1777	64.1777
4227	70.5076	70.5076	70.5076	64.1721	64.1721	64.1721
4228	70.5001	70.5001	70.5001	64.1665	64.1665	64.1665
4229	70.4926	70.4926	70.4926	64.1609	64.1609	64.1609
4230	70.485	70.485	70.485	64.1553	64.1553	64.1553
4231	70.4775	70.4775	70.4775	64.1497	64.1497	64.1497
4232	70.47	70.47	70.47	64.1441	64.1441	64.1441
4233	70.4625	70.4625	70.4625	64.1385	64.1385	64.1385
4234	70.455	70.455	70.455	64.1329	64.1329	64.1329
4235	70.4475	70.4475	70.4475	64.1273	64.1273	64.1273
4236	70.44	70.44	70.44	64.1217	64.1217	64.1217
4237	70.4326	70.4326	70.4326	64.1161	64.1161	64.1161
4238	70.4251	70.4251	70.4251	64.1105	64.1105	64.1105
4239	70.4176	70.4176	70.4176	64.1049	64.1049	64.1049
4240	70.4101	70.4101	70.4101	64.0993	64.0993	64.0993
4241	70.4026	70.4026	70.4026	64.0937	64.0937	64.0937
4242	70.3951	70.3951	70.3951	64.0881	64.0881	64.0881
4243	70.3876	70.3876	70.3876	64.0826	64.0826	64.0826
4244	70.3802	70.3802	70.3802	64.077	64.077	64.077
4245	70.3727	70.3727	70.3727	64.0714	64.0714	64.0714

4246	70.3652	70.3652	70.3652	64.0658	64.0658	64.0658
4247	70.3577	70.3577	70.3577	64.0603	64.0603	64.0603
4248	70.3503	70.3503	70.3503	64.0547	64.0547	64.0547
4249	70.3428	70.3428	70.3428	64.0491	64.0491	64.0491
4250	70.3353	70.3353	70.3353	64.0435	64.0435	64.0435
4251	70.3279	70.3279	70.3279	64.038	64.038	64.038
4252	70.3204	70.3204	70.3204	64.0324	64.0324	64.0324
4253	70.3129	70.3129	70.3129	64.0269	64.0269	64.0269
4254	70.3055	70.3055	70.3055	64.0213	64.0213	64.0213
4255	70.298	70.298	70.298	64.0157	64.0157	64.0157
4256	70.2906	70.2906	70.2906	64.0102	64.0102	64.0102
4257	70.2831	70.2831	70.2831	64.0046	64.0046	64.0046
4258	70.2757	70.2757	70.2757	63.9991	63.9991	63.9991
4259	70.2682	70.2682	70.2682	63.9935	63.9935	63.9935
4260	70.2608	70.2608	70.2608	63.988	63.988	63.988
4261	70.2533	70.2533	70.2533	63.9824	63.9824	63.9824
4262	70.2459	70.2459	70.2459	63.9769	63.9769	63.9769
4263	70.2384	70.2384	70.2384	63.9713	63.9713	63.9713
4264	70.231	70.231	70.231	63.9658	63.9658	63.9658
4265	70.2236	70.2236	70.2236	63.9603	63.9603	63.9603
4266	70.2161	70.2161	70.2161	63.9547	63.9547	63.9547
4267	70.2087	70.2087	70.2087	63.9492	63.9492	63.9492
4268	70.2013	70.2013	70.2013	63.9437	63.9437	63.9437
4269	70.1938	70.1938	70.1938	63.9381	63.9381	63.9381
4270	70.1864	70.1864	70.1864	63.9326	63.9326	63.9326
4271	70.179	70.179	70.179	63.9271	63.9271	63.9271
4272	70.1715	70.1715	70.1715	63.9215	63.9215	63.9215
4273	70.1641	70.1641	70.1641	63.916	63.916	63.916
4274	70.1567	70.1567	70.1567	63.9105	63.9105	63.9105
4275	70.1493	70.1493	70.1493	63.905	63.905	63.905
4276	70.1419	70.1419	70.1419	63.8994	63.8994	63.8994
4277	70.1345	70.1345	70.1345	63.8939	63.8939	63.8939
4278	70.127	70.127	70.127	63.8884	63.8884	63.8884
4279	70.1196	70.1196	70.1196	63.8829	63.8829	63.8829
4280	70.1122	70.1122	70.1122	63.8774	63.8774	63.8774
4281	70.1048	70.1048	70.1048	63.8719	63.8719	63.8719
4282	70.0974	70.0974	70.0974	63.8664	63.8664	63.8664
4283	70.09	70.09	70.09	63.8609	63.8609	63.8609
4284	70.0826	70.0826	70.0826	63.8554	63.8554	63.8554
4285	70.0752	70.0752	70.0752	63.8499	63.8499	63.8499
4286	70.0678	70.0678	70.0678	63.8444	63.8444	63.8444
4287	70.0604	70.0604	70.0604	63.8389	63.8389	63.8389
4288	70.053	70.053	70.053	63.8334	63.8334	63.8334
4289	70.0456	70.0456	70.0456	63.8279	63.8279	63.8279
4290	70.0382	70.0382	70.0382	63.8224	63.8224	63.8224
4291	70.0309	70.0309	70.0309	63.8169	63.8169	63.8169
4292	70.0235	70.0235	70.0235	63.8114	63.8114	63.8114
4293	70.0161	70.0161	70.0161	63.8059	63.8059	63.8059
4294	70.0087	70.0087	70.0087	63.8004	63.8004	63.8004
4295	70.0013	70.0013	70.0013	63.7949	63.7949	63.7949
4296	69.994	69.994	69.994	63.7895	63.7895	63.7895
4297	69.9866	69.9866	69.9866	63.784	63.784	63.784
4298	69.9792	69.9792	69.9792	63.7785	63.7785	63.7785
4299	69.9718	69.9718	69.9718	63.773	63.773	63.773
4300	69.9645	69.9645	69.9645	63.7675	63.7675	63.7675
4301	69.9571	69.9571	69.9571	63.7621	63.7621	63.7621

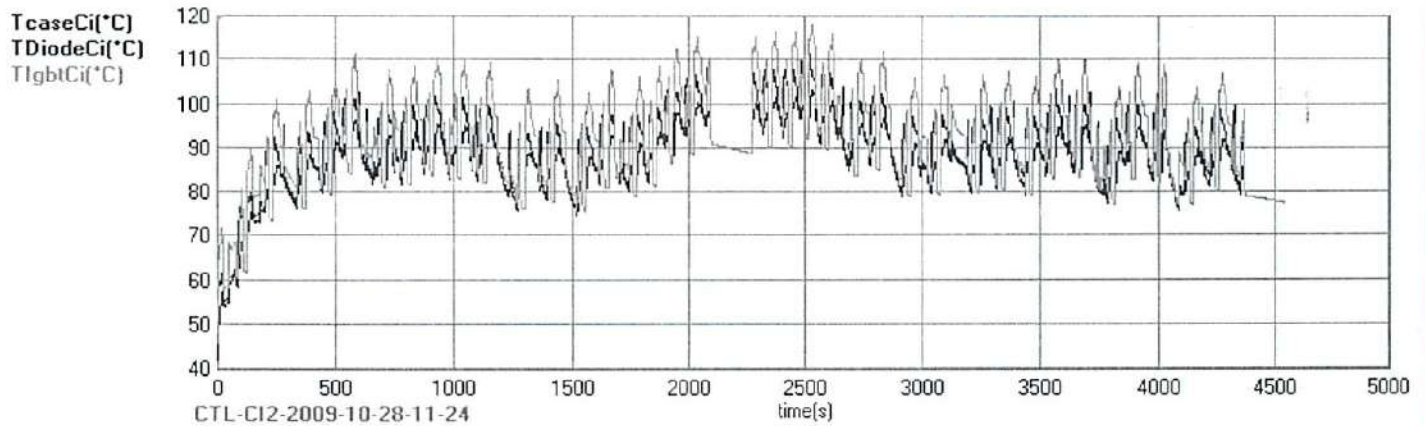
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4304	69.935	69.935	69.935	63.7457	63.7457	63.7457
4305	69.9276	69.9276	69.9276	63.7402	63.7402	63.7402
4306	69.9203	69.9203	69.9203	63.7347	63.7347	63.7347
4307	69.9129	69.9129	69.9129	63.7293	63.7293	63.7293
4308	69.9056	69.9056	69.9056	63.7238	63.7238	63.7238
4309	69.8982	69.8982	69.8982	63.7183	63.7183	63.7183
4310	69.8909	69.8909	69.8909	63.7129	63.7129	63.7129
4311	69.8835	69.8835	69.8835	63.7074	63.7074	63.7074
4312	69.8762	69.8762	69.8762	63.702	63.702	63.702
4313	69.8688	69.8688	69.8688	63.6965	63.6965	63.6965
4314	69.8615	69.8615	69.8615	63.6911	63.6911	63.6911
4315	69.8542	69.8542	69.8542	63.6856	63.6856	63.6856
4316	69.8468	69.8468	69.8468	63.6802	63.6802	63.6802
4317	69.8395	69.8395	69.8395	63.6747	63.6747	63.6747
4318	69.8321	69.8321	69.8321	63.6693	63.6693	63.6693
4319	69.8248	69.8248	69.8248	63.6639	63.6639	63.6639
4320	69.8175	69.8175	69.8175	63.6584	63.6584	63.6584
4321	69.8101	69.8101	69.8101	63.653	63.653	63.653
4322	69.8028	69.8028	69.8028	63.6476	63.6476	63.6476
4323	69.7955	69.7955	69.7955	63.6421	63.6421	63.6421
4324	69.7882	69.7882	69.7882	63.6367	63.6367	63.6367
4325	69.7809	69.7809	69.7809	63.6313	63.6313	63.6313
4326	69.7735	69.7735	69.7735	63.6258	63.6258	63.6258
4327	69.7662	69.7662	69.7662	63.6204	63.6204	63.6204
4328	69.7589	69.7589	69.7589	63.615	63.615	63.615
4329	69.7516	69.7516	69.7516	63.6096	63.6096	63.6096
4330	69.7443	69.7443	69.7443	63.6041	63.6041	63.6041
4331	69.737	69.737	69.737	63.5987	63.5987	63.5987
4332	69.7297	69.7297	69.7297	63.5933	63.5933	63.5933
4333	69.7224	69.7224	69.7224	63.5879	63.5879	63.5879
4334	69.715	69.715	69.715	63.5825	63.5825	63.5825
4335	69.7077	69.7077	69.7077	63.5771	63.5771	63.5771
4336	69.7004	69.7004	69.7004	63.5717	63.5717	63.5717
4337	69.6931	69.6931	69.6931	63.5662	63.5662	63.5662
4338	69.6859	69.6859	69.6859	63.5608	63.5608	63.5608
4339	69.6786	69.6786	69.6786	63.5554	63.5554	63.5554
4340	69.6713	69.6713	69.6713	63.55	63.55	63.55
4341	69.664	69.664	69.664	63.5446	63.5446	63.5446
4342	69.6567	69.6567	69.6567	63.5392	63.5392	63.5392
4343	69.6494	69.6494	69.6494	63.5338	63.5338	63.5338
4344	69.6421	69.6421	69.6421	63.5284	63.5284	63.5284
4345	69.6348	69.6348	69.6348	63.5231	63.5231	63.5231
4346	69.6276	69.6276	69.6276	63.5177	63.5177	63.5177
4347	69.6203	69.6203	69.6203	63.5123	63.5123	63.5123
4348	69.613	69.613	69.613	63.5069	63.5069	63.5069
4349	69.6057	69.6057	69.6057	63.5015	63.5015	63.5015
4350	69.5984	69.5984	69.5984	63.4961	63.4961	63.4961
4351	69.5912	69.5912	69.5912	63.4907	63.4907	63.4907
4352	69.5839	69.5839	69.5839	63.4853	63.4853	63.4853
4353	69.5766	69.5766	69.5766	63.48	63.48	63.48
4354	69.5694	69.5694	69.5694	63.4746	63.4746	63.4746
4355	69.5621	69.5621	69.5621	63.4692	63.4692	63.4692
4356	69.5549	69.5549	69.5549	63.4638	63.4638	63.4638
4357	69.5476	69.5476	69.5476	63.4585	63.4585	63.4585

4358	69.5403	69.5403	69.5403	63.4531	63.4531	63.4531
4359	69.5331	69.5331	69.5331	63.4477	63.4477	63.4477
4360	69.5258	69.5258	69.5258	63.4424	63.4424	63.4424
4361	69.5186	69.5186	69.5186	63.437	63.437	63.437
4362	69.5113	69.5113	69.5113	63.4316	63.4316	63.4316
4363	69.5041	69.5041	69.5041	63.4263	63.4263	63.4263
4364	69.4968	69.4968	69.4968	63.4209	63.4209	63.4209
4365	69.4896	69.4896	69.4896	63.4156	63.4156	63.4156
4366	69.4823	69.4823	69.4823	63.4102	63.4102	63.4102
4367	69.4751	69.4751	69.4751	63.4049	63.4049	63.4049
4368	69.4679	69.4679	69.4679	63.3995	63.3995	63.3995
4369	69.4606	69.4606	69.4606	63.3941	63.3941	63.3941
4370	69.4534	69.4534	69.4534	63.3888	63.3888	63.3888
4371	69.4462	69.4462	69.4462	63.3835	63.3835	63.3835
4372	69.4389	69.4389	69.4389	63.3781	63.3781	63.3781
4373	69.4317	69.4317	69.4317	63.3728	63.3728	63.3728
4374	69.4245	69.4245	69.4245	63.3674	63.3674	63.3674
4375	69.4172	69.4172	69.4172	63.3621	63.3621	63.3621
4376	69.41	69.41	69.41	63.3567	63.3567	63.3567
4377	69.4028	69.4028	69.4028	63.3514	63.3514	63.3514
4378	69.3956	69.3956	69.3956	63.3461	63.3461	63.3461
4379	69.3884	69.3884	69.3884	63.3407	63.3407	63.3407
4380	69.3811	69.3811	69.3811	63.3354	63.3354	63.3354
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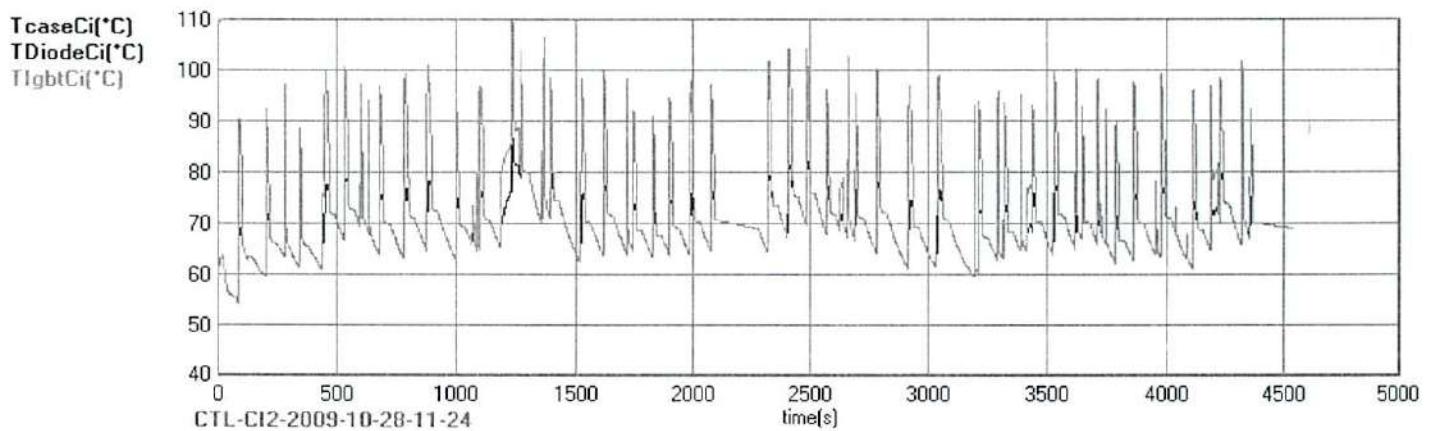
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Air flow 2240m

7C 3M AW1 4p/m²

Degraded Mode 2Mout



Rheo temerature Temperature 1800V
Air flow 2240m



Handwritten red signature.

Handwritten blue signature.

00011304

7C 3M AW1 4p/m² Degraded Mode 2Mout

INV FZ1200R33KF2C_Eupec_1_5.6

RHEO FD800R33KF2C_Eupec_1_5.6

time(s)	TcaseCi(°C)	TDiodeCi(°C)	TlgbtCi(°C)	TcaseCi(°C)	TDiodeCi(°C)	TlgbtCi(°C)
Maximum	103.1	111.4	117.9	86.7	86.7	109.6

time(s)	TcaseCi(°C)	TDiodeCi(°C)	TlgbtCi(°C)	TcaseCi(°C)	TDiodeCi(°C)	TlgbtCi(°C)
0	42	45.3447	45.5601	42	42	42
1	44.4586	54.2955	55.9393	55.8027	55.8027	55.8027
2	47.2664	59.6952	63.5922	59.6321	59.6321	59.6321
3	48.9456	59.41	63.8862	60.906	60.906	60.906
4	50.0081	59.4342	64.5774	61.5557	61.5557	61.5557
5	50.766	59.2748	65.0574	61.9537	61.9537	61.9537
6	51.3946	59.1617	65.553	62.2314	62.2314	62.2314
7	51.9533	59.0349	66.0091	62.4412	62.4412	62.4412
8	52.4875	59.0125	66.5299	62.6185	62.6185	62.6185
9	52.9953	58.9296	67.0162	62.7658	62.7658	62.7658
10	53.4617	58.7392	67.4557	62.8773	62.8773	62.8773
11	53.9073	58.644	67.8278	62.9648	62.9648	62.9648
12	54.3515	58.934	68.0395	63.0396	63.0396	63.0396
13	54.8364	59.3211	68.4534	63.1231	63.1231	63.1231
14	55.5903	60.294	70.069	63.3118	63.3118	63.3118
15	56.4663	61.3389	71.6866	63.5704	63.5704	63.5704
16	56.765	60.9291	70.6716	63.6561	63.6561	63.6561
17	56.7582	60.2682	69.4515	63.6096	63.6096	63.6096
18	56.819	60.0931	69.0816	63.5324	63.5324	63.5324
19	56.9971	60.1809	69.1014	63.4552	63.4552	63.4552
20	57.2374	60.3355	69.1912	63.3785	63.3785	63.3785
21	57.5389	60.636	69.4489	63.3101	63.3101	63.3101
22	57.8723	60.9689	69.7406	63.2489	63.2489	63.2489
23	58.222	61.318	70.0501	63.1939	63.1939	63.1939
24	55.9939	56.9162	59.2942	62.5408	62.5408	62.5408
25	54.8239	55.7543	58.175	61.9434	61.9434	61.9434
26	54.2638	55.2213	57.7815	61.4029	61.4029	61.4029
27	54.0854	55.0995	57.9375	60.923	60.923	60.923
28	54.0576	55.0943	58.036	60.4849	60.4849	60.4849
29	54.0289	55.0374	57.8486	60.0678	60.0678	60.0678
30	54.0643	55.0848	57.9536	59.6825	59.6825	59.6825
31	54.1339	55.1657	58.088	59.3254	59.3254	59.3254
32	54.2039	55.2356	58.158	58.9906	58.9906	58.9906
33	54.2738	55.3056	58.2279	58.6761	58.6761	58.6761
34	54.3435	55.3753	58.2976	58.3801	58.3801	58.3801
35	54.4128	55.4446	58.3669	58.1011	58.1011	58.1011
36	54.4817	55.5135	58.4358	57.8375	57.8375	57.8375
37	54.5501	55.5819	58.5042	57.5882	57.5882	57.5882
38	54.6181	55.6499	58.5722	57.352	57.352	57.352
39	54.6856	55.7173	58.6397	57.1279	57.1279	57.1279
40	54.7526	55.7844	58.7067	56.915	56.915	56.915
41	54.8191	55.8509	58.7732	56.7125	56.7125	56.7125
42	54.793	55.7705	58.4325	56.5074	56.5074	56.5074
43	54.7874	55.7559	58.3729	56.3097	56.3097	56.3097
44	54.7925	55.7527	58.3268	56.119	56.119	56.119
45	54.815	55.7735	58.3393	55.9363	55.9363	55.9363

1936

46	54.8321	55.7813	58.2992	55.7596	55.7596	55.7596
47	57.1021	59.712	68.029	55.8572	55.8572	55.8572
48	58.2225	60.4113	68.3723	55.9213	55.9213	55.9213
49	58.7128	60.494	68.1106	55.9547	55.9547	55.9547
50	58.887	60.3318	67.6546	55.9638	55.9638	55.9638
51	59.0292	60.4156	67.6282	55.9666	55.9666	55.9666
52	59.1521	60.4821	67.5878	55.9637	55.9637	55.9637
53	59.2627	60.538	67.5403	55.9555	55.9555	55.9555
54	59.3646	60.5868	67.4885	55.9426	55.9426	55.9426
55	59.4505	60.5942	67.3937	55.9243	55.9243	55.9243
56	59.514	60.5472	67.2429	55.9	55.9	55.9
57	59.5624	60.4874	67.0815	55.8701	55.8701	55.8701
58	59.5998	60.4186	66.9128	55.835	55.835	55.835
59	59.6269	60.3391	66.7332	55.7949	55.7949	55.7949
60	59.6607	60.2902	66.611	55.7516	55.7516	55.7516
61	59.7489	60.3753	66.7124	55.7103	55.7103	55.7103
62	59.8667	60.49	66.8435	55.6708	55.6708	55.6708
63	60.0004	60.6205	66.9912	55.6331	55.6331	55.6331
64	60.1429	60.7596	67.1477	55.5971	55.5971	55.5971
65	60.2889	60.9028	67.3046	55.5626	55.5626	55.5626
66	60.4345	61.0464	67.4526	55.5294	55.5294	55.5294
67	60.5793	61.1893	67.5998	55.4974	55.4974	55.4974
68	60.7234	61.3316	67.7463	55.4666	55.4666	55.4666
69	60.8668	61.4731	67.892	55.4368	55.4368	55.4368
70	61.0075	61.6119	68.0286	55.408	55.408	55.408
71	61.1441	61.7466	68.1538	55.3798	55.3798	55.3798
72	61.278	61.8786	68.2765	55.3523	55.3523	55.3523
73	61.4099	62.0086	68.3974	55.3254	55.3254	55.3254
74	61.5403	62.1371	68.5169	55.2992	55.2992	55.2992
75	60.2145	60.7341	62.0474	55.1648	55.1648	55.1648
76	59.4759	59.9955	61.3089	55.034	55.034	55.034
77	59.0559	59.5756	60.8889	54.9066	54.9066	54.9066
78	58.809	59.3286	60.642	54.7824	54.7824	54.7824
79	58.6559	59.1755	60.4889	54.6614	54.6614	54.6614
80	58.5956	59.0433	60.6115	54.5464	54.5464	54.5464
81	58.5534	58.9928	60.5981	54.4346	54.4346	54.4346
82	58.5216	58.9527	60.5951	54.3261	54.3261	54.3261
83	58.4692	58.9254	60.4623	54.2189	54.2189	54.2189
84	58.4243	58.8804	60.4173	54.1142	54.1142	54.1142
85	58.3835	58.8397	60.3766	54.012	54.012	54.012
86	60.1303	71.4329	63.2544	60.4293	60.4293	84.6269
87	61.1398	72.5392	64.1864	63.6638	63.6638	87.9773
88	61.7341	73.1476	64.6994	65.5148	65.5148	89.8255
89	62.055	73.1771	64.9311	66.6607	66.6607	90.5683
90	62.4103	73.2685	65.9279	67.3919	67.3919	90.4899
91	62.8983	73.5418	67.4749	67.8623	67.8623	89.879
92	63.4097	73.8598	68.8203	68.1864	68.1864	89.0704
93	64.5137	75.9027	72.3086	68.4623	68.4623	88.2131
94	65.154	76.0342	72.915	68.6672	68.6672	87.2862
95	65.4152	75.5418	72.8765	68.7997	68.7997	86.2643
96	65.6639	75.4821	73.364	68.8769	68.8769	85.1731
97	66.2327	76.6182	74.7562	68.9277	68.9277	84.0711
98	66.4959	76.3738	74.8254	68.9094	68.9094	82.8355
99	66.7923	76.4949	75.7449	68.8527	68.8527	81.6074
100	67.205	77.0902	77.057	68.7731	68.7731	80.4023
101	67.6887	77.9975	78.3844	68.6669	68.6669	79.1788

102	68.1237	78.7893	79.4568	68.5049	68.5049	77.8163
103	68.5252	79.6761	80.7183	68.3153	68.3153	76.5072
104	67.9553	76.4073	77.7837	67.1316	67.1316	70.6365
105	66.9833	74.0087	75.3565	65.7316	65.7316	65.7316
106	66.513	75.0285	76.0217	65.109	65.109	65.109
107	64.3091	64.3091	64.3091	64.7215	64.7215	64.7215
108	63.0822	63.0822	63.0822	64.4849	64.4849	64.4849
109	62.3982	62.3982	62.3982	64.3156	64.3156	64.3156
110	62.0159	62.0159	62.0159	64.177	64.177	64.177
111	61.8011	61.8011	61.8011	64.0528	64.0528	64.0528
112	61.6795	61.6795	61.6795	63.9361	63.9361	63.9361
113	61.6096	61.6096	61.6096	63.8238	63.8238	63.8238
114	61.5685	61.5685	61.5685	63.7143	63.7143	63.7143
115	61.5434	61.5434	61.5434	63.6072	63.6072	63.6072
116	61.5272	61.5272	61.5272	63.5021	63.5021	63.5021
117	61.5159	61.5159	61.5159	63.3988	63.3988	63.3988
118	61.5073	61.5073	61.5073	63.2973	63.2973	63.2973
119	61.5002	61.5002	61.5002	63.1975	63.1975	63.1975
120	61.494	61.494	61.494	63.0992	63.0992	63.0992
121	61.4883	61.4883	61.4883	63.0026	63.0026	63.0026
122	61.4829	61.4829	61.4829	62.9075	62.9075	62.9075
123	61.4775	61.4775	61.4775	62.8139	62.8139	62.8139
124	65.3096	81.2206	84.5347	62.8955	62.8955	62.8955
125	67.548	81.16	84.8589	62.9754	62.9754	62.9754
126	68.8991	79.8868	84.0268	63.0534	63.0534	63.0534
127	69.7757	79.7213	84.5278	63.1305	63.1305	63.1305
128	70.3911	79.3021	84.7762	63.2069	63.2069	63.2069
129	70.8672	79.0042	85.0885	63.2529	63.2529	63.2529
130	71.2756	78.6635	85.3557	63.2639	63.2639	63.2639
131	71.6614	78.4654	85.7091	63.2609	63.2609	63.2609
132	72.0375	78.2824	86.069	63.2524	63.2524	63.2524
133	72.3781	77.9861	86.3854	63.2409	63.2409	63.2409
134	72.6905	77.6426	86.6716	63.2275	63.2275	63.2275
135	72.9971	77.6573	86.8022	63.2133	63.2133	63.2133
136	73.3038	77.8098	86.8766	63.1989	63.1989	63.1989
137	73.7922	78.3831	87.8273	63.1918	63.1918	63.1918
138	74.4851	79.288	89.3547	63.1958	63.1958	63.1958
139	74.9719	79.5452	89.6376	63.1974	63.1974	63.1974
140	75.0273	78.9586	88.5022	63.184	63.184	63.184
141	74.8636	78.2159	87.2643	63.1574	63.1574	63.1574
142	74.8606	78.1226	87.1019	63.1296	63.1296	63.1296
143	74.9489	78.1348	87.0568	63.1009	63.1009	63.1009
144	75.0867	78.2026	87.0717	63.0714	63.0714	63.0714
145	75.2671	78.3646	87.1966	63.0419	63.0419	63.0419
146	75.476	78.573	87.3748	63.0125	63.0125	63.0125
147	75.6993	78.7959	87.5702	62.9833	62.9833	62.9833
148	75.9296	79.0258	87.7753	62.9543	62.9543	62.9543
149	76.1546	79.2369	87.9531	62.9251	62.9251	62.9251
150	74.7826	76.5062	81.2749	62.8363	62.8363	62.8363
151	73.7214	75.1389	79.1298	62.736	62.736	62.736
152	73.1816	74.6321	78.7095	62.638	62.638	62.638
153	72.9045	74.368	78.4795	62.5416	62.5416	62.5416
154	72.7715	74.2488	78.3964	62.4467	62.4467	62.4467
155	72.8265	74.4168	78.8528	62.3573	62.3573	62.3573
156	72.8838	74.4904	78.967	62.2694	62.2694	62.2694
157	72.9452	74.5697	79.0908	62.1831	62.1831	62.1831

158	73.0123	74.6573	79.2289	62.0985	62.0985	62.0985
159	73.0842	74.7497	79.3736	62.0155	62.0155	62.0155
160	73.0333	74.6044	78.9927	61.9297	61.9297	61.9297
161	73.0139	74.5849	78.9733	61.8448	61.8448	61.8448
162	73.0114	74.5824	78.9708	61.7607	61.7607	61.7607
163	73.018	74.589	78.9774	61.6775	61.6775	61.6775
164	73.0296	74.6006	78.989	61.5951	61.5951	61.5951
165	73.0437	74.6147	79.0031	61.5135	61.5135	61.5135
166	73.0592	74.6303	79.0186	61.4327	61.4327	61.4327
167	73.0754	74.6464	79.0348	61.3527	61.3527	61.3527
168	73.0919	74.6629	79.0513	61.2736	61.2736	61.2736
169	73.1085	74.6795	79.0679	61.1952	61.1952	61.1952
170	73.1251	74.6962	79.0845	61.1176	61.1176	61.1176
171	73.1417	74.7127	79.1011	61.0408	61.0408	61.0408
172	73.1582	74.7292	79.1176	60.9647	60.9647	60.9647
173	73.1745	74.7456	79.134	60.8893	60.8893	60.8893
174	73.1908	74.7619	79.1502	60.8148	60.8148	60.8148
175	73.207	74.778	79.1664	60.7409	60.7409	60.7409
176	73.1722	74.6969	78.9689	60.6662	60.6662	60.6662
177	73.0949	74.5624	78.6845	60.5902	60.5902	60.5902
178	73.0389	74.4926	78.5786	60.5144	60.5144	60.5144
179	73.0185	74.4812	78.5904	60.4398	60.4398	60.4398
180	72.976	74.4094	78.4419	60.3648	60.3648	60.3648
181	73.7554	75.7984	81.9067	60.3155	60.3155	60.3155
182	74.9996	77.5262	85.7728	60.2906	60.2906	60.2906
183	75.5812	77.8126	85.8097	60.2605	60.2605	60.2605
184	75.7857	77.709	85.4458	60.2249	60.2249	60.2249
185	75.7681	77.3719	84.8386	60.1839	60.1839	60.1839
186	75.6946	77.1197	84.4054	60.1397	60.1397	60.1397
187	75.6504	77.021	84.2034	60.0944	60.0944	60.0944
188	75.6173	76.9313	84.0068	60.048	60.048	60.048
189	75.5853	76.8408	83.8058	60.0004	60.0004	60.0004
190	75.5488	76.744	83.5948	59.9516	59.9516	59.9516
191	75.4827	76.5481	83.274	59.901	59.901	59.901
192	75.3954	76.3287	82.9305	59.8484	59.8484	59.8484
193	75.2938	76.0976	82.5778	59.7941	59.7941	59.7941
194	75.1815	75.8585	82.2195	59.7381	59.7381	59.7381
195	75.1117	75.7397	82.0683	59.682	59.682	59.682
196	75.0941	75.7187	82.0654	59.6265	59.6265	59.6265
197	75.105	75.7262	82.0907	59.5717	59.5717	59.5717
198	75.1313	75.7493	82.1313	59.5177	59.5177	59.5177
199	75.1663	75.7809	82.1801	59.4643	59.4643	59.4643
200	75.476	86.735	78.3871	65.7915	65.7915	89.8865
201	75.6486	86.5821	78.7003	68.7561	68.7561	92.2638
202	76.0288	86.7696	80.2739	70.1618	70.1618	92.6202
203	76.4121	86.9004	81.4335	70.8642	70.8642	92.2008
204	77.1895	88.2014	84.0268	71.2537	71.2537	91.4596
205	78.0111	89.2458	86.0381	71.4878	71.4878	90.5633
206	78.2669	88.6556	85.7234	71.6185	71.6185	89.5602
207	78.3472	88.0918	85.8156	71.6699	71.6699	88.4392
208	78.7241	88.8862	86.919	71.6762	71.6762	87.2907
209	79.0336	89.1188	87.4423	71.6277	71.6277	86.0508
210	79.2045	88.9296	87.7945	71.5269	71.5269	84.752
211	79.4827	89.1871	88.9658	71.3947	71.3947	83.4703
212	79.8766	90.0239	90.2632	71.2437	71.2437	82.2261
213	80.243	90.7629	91.3158	71.0412	71.0412	80.8427

214	80.5701	91.5208	92.4085	70.7999	70.7999	79.4476
215	80.4764	90.5901	91.8377	70.1398	70.1398	76.1851
216	79.2213	85.451	86.9881	68.3571	68.3571	68.3571
217	78.5934	86.5005	87.6385	67.5709	67.5709	67.5709
218	76.3042	76.3042	76.3042	67.1694	67.1694	67.1694
219	75.0285	75.0285	75.0285	66.9593	66.9593	66.9593
220	74.316	74.316	74.316	66.8332	66.8332	66.8332
221	73.9164	73.9164	73.9164	66.7442	66.7442	66.7442
222	73.6907	73.6907	73.6907	66.6718	66.6718	66.6718
223	73.5616	73.5616	73.5616	66.6068	66.6068	66.6068
224	73.4862	73.4862	73.4862	66.5454	66.5454	66.5454
225	73.4406	73.4406	73.4406	66.4859	66.4859	66.4859
226	73.4116	73.4116	73.4116	66.4274	66.4274	66.4274
227	73.3918	73.3918	73.3918	66.3697	66.3697	66.3697
228	73.3771	73.3771	73.3771	66.3126	66.3126	66.3126
229	73.3653	73.3653	73.3653	66.256	66.256	66.256
230	73.3551	73.3551	73.3551	66.1998	66.1998	66.1998
231	73.3457	73.3457	73.3457	66.1442	66.1442	66.1442
232	73.3368	73.3368	73.3368	66.089	66.089	66.089
233	73.3283	73.3283	73.3283	66.0342	66.0342	66.0342
234	73.3198	73.3198	73.3198	65.9799	65.9799	65.9799
235	77.1527	94.0023	97.1593	66.0178	66.0178	66.0178
236	79.3902	93.9409	97.4827	66.0551	66.0551	66.0551
237	80.7406	92.9126	96.8525	66.0919	66.0919	66.0919
238	81.6074	91.9784	96.5129	66.1283	66.1283	66.1283
239	82.2135	91.5429	96.7436	66.1645	66.1645	66.1645
240	82.6635	91.1064	96.9425	66.1641	66.1641	66.1641
241	83.0186	90.7123	97.1564	66.121	66.121	66.121
242	83.33	90.3623	97.3843	66.0607	66.0607	66.0607
243	83.6277	90.1031	97.6683	65.9939	65.9939	65.9939
244	83.9022	89.7781	97.9201	65.9249	65.9249	65.9249
245	84.1413	89.3611	98.133	65.8549	65.8549	65.8549
246	84.3647	89.0879	98.2648	65.7849	65.7849	65.7849
247	84.5891	89.1579	98.2566	65.7155	65.7155	65.7155
248	84.8815	89.3856	98.5747	65.6483	65.6483	65.6483
249	85.4341	90.1569	99.9882	65.5884	65.5884	65.5884
250	86.043	90.8513	101.145	65.5334	65.5334	65.5334
251	86.1008	90.2052	99.8966	65.47	65.47	65.47
252	85.8675	89.3214	98.4567	65.3992	65.3992	65.3992
253	85.7376	89.0024	97.984	65.3271	65.3271	65.3271
254	85.7171	88.8903	97.8027	65.2552	65.2552	65.2552
255	85.7595	88.8573	97.7062	65.1835	65.1835	65.1835
256	85.8607	88.9577	97.7622	65.1126	65.1126	65.1126
257	85.9933	89.0897	97.8507	65.0425	65.0425	65.0425
258	86.0736	89.0563	97.6882	64.9718	64.9718	64.9718
259	85.8668	88.3177	96.5002	64.8948	64.8948	64.8948
260	85.4921	87.4209	95.1622	64.8118	64.8118	64.8118
261	85.0319	86.4797	93.8081	64.7234	64.7234	64.7234
262	84.7259	86.093	93.2689	64.6342	64.6342	64.6342
263	84.501	85.7891	92.8155	64.5444	64.5444	64.5444
264	84.318	85.5292	92.4103	64.4539	64.4539	64.4539
265	84.1344	85.207	91.9396	64.3623	64.3623	64.3623
266	83.9405	84.8556	91.4404	64.2696	64.2696	64.2696
267	83.7375	84.4985	90.9385	64.1758	64.1758	64.1758
268	83.5399	84.1696	90.4897	64.0813	64.0813	64.0813
269	83.4269	84.0524	90.3944	63.9878	63.9878	63.9878

SIMULACIONES, CÁLCULOS Y GRÁFICAS

ALSTOM

00011309

270	83.3598	83.9814	90.344	63.8953	63.8953	63.8953
271	83.3178	83.9356	90.3183	63.8038	63.8038	63.8038
272	83.2895	83.9037	90.3047	63.7133	63.7133	63.7133
273	83.2655	83.8777	90.2833	63.6237	63.6237	63.6237
274	83.2439	83.8541	90.2642	63.535	63.535	63.535
275	83.2237	83.8321	90.2463	63.4472	63.4472	63.4472
276	83.2042	83.8109	90.2289	63.3603	63.3603	63.3603
277	83.1848	83.79	90.2104	63.2742	63.2742	63.2742
278	83.4807	94.8901	86.4702	69.6278	69.6278	93.9394
279	83.5816	94.79	86.4798	72.672	72.672	96.6977
280	83.6806	94.5739	86.9812	74.1825	74.1825	97.4714
281	83.9873	94.6665	88.4619	74.9227	74.9227	97.0869
282	84.3051	94.7087	89.5691	75.2926	75.2926	96.2621
283	84.2825	91.938	90.0809	74.4209	74.4209	90.3103
284	82.8796	83.8556	86.5103	70.1428	70.1428	70.1428
285	82.047	83.0178	85.6467	68.2524	68.2524	68.2524
286	81.5328	82.5036	85.1325	67.373	67.373	67.373
287	81.1918	82.1626	84.7915	66.9219	66.9219	66.9219
288	80.9452	81.916	84.5449	66.6527	66.6527	66.6527
289	80.9243	82.0023	85.1062	66.4646	66.4646	66.4646
290	80.8791	81.9685	85.1173	66.3104	66.3104	66.3104
291	80.822	81.9237	85.1173	66.1714	66.1714	66.1714
292	80.7608	81.88	85.1165	66.0397	66.0397	66.0397
293	80.6986	81.8353	85.1149	65.9119	65.9119	65.9119
294	80.5402	81.6137	84.6998	65.7848	65.7848	65.7848
295	80.4043	81.4778	84.5639	65.6594	65.6594	65.6594
296	80.2809	81.3544	84.4406	65.5352	65.5352	65.5352
297	80.1647	81.2382	84.3244	65.4122	65.4122	65.4122
298	80.0528	81.1263	84.2125	65.2904	65.2904	65.2904
299	79.9436	81.0171	84.1032	65.1697	65.1697	65.1697
300	79.8361	80.9096	83.9958	65.0501	65.0501	65.0501
301	79.7299	80.8034	83.8896	64.9316	64.9316	64.9316
302	79.6249	80.6983	83.7845	64.8141	64.8141	64.8141
303	79.5207	80.5942	83.6803	64.6977	64.6977	64.6977
304	79.4173	80.4908	83.577	64.5824	64.5824	64.5824
305	79.3148	80.3883	83.4745	64.4681	64.4681	64.4681
306	79.213	80.2865	83.3727	64.3548	64.3548	64.3548
307	79.112	80.1855	83.2716	64.2426	64.2426	64.2426
308	79.0117	80.0852	83.1713	64.1313	64.1313	64.1313
309	78.9121	79.9856	83.0718	64.0211	64.0211	64.0211
310	78.7924	79.8522	82.8847	63.9115	63.9115	63.9115
311	78.7649	79.886	83.1272	63.8043	63.8043	63.8043
312	78.7092	79.8303	83.0715	63.6982	63.6982	63.6982
313	78.6384	79.7595	83.0007	63.593	63.593	63.593
314	78.5598	79.6809	82.9221	63.4887	63.4887	63.4887
315	78.4936	79.6302	82.9096	63.3857	63.3857	63.3857
316	78.3402	79.4137	82.4999	63.2821	63.2821	63.2821
317	78.2143	79.2878	82.374	63.1796	63.1796	63.1796
318	78.1036	79.1771	82.2633	63.0779	63.0779	63.0779
319	78.0014	79.0749	82.1611	62.9772	62.9772	62.9772
320	77.9041	78.9776	82.0638	62.8773	62.8773	62.8773
321	77.8098	78.8833	81.9695	62.7784	62.7784	62.7784
322	77.7174	78.7909	81.8771	62.6803	62.6803	62.6803
323	77.6264	78.6999	81.786	62.5831	62.5831	62.5831
324	77.5363	78.6098	81.696	62.4868	62.4868	62.4868
325	77.4472	78.5206	81.6068	62.3913	62.3913	62.3913

326	77.3587	78.4322	81.5184	62.2967	62.2967	62.2967
327	77.271	78.3445	81.4306	62.203	62.203	62.203
328	77.1839	78.2574	81.3436	62.11	62.11	62.11
329	77.0974	78.1709	81.2571	62.0179	62.0179	62.0179
330	77.0116	78.0851	81.1713	61.9267	61.9267	61.9267
331	76.9265	78	81.0861	61.8362	61.8362	61.8362
332	76.7411	77.7508	80.5676	61.7448	61.7448	61.7448
333	76.5538	77.5382	80.2329	61.6535	61.6535	61.6535
334	76.365	77.326	79.9045	61.5624	61.5624	61.5624
335	76.1746	77.114	79.5814	61.4713	61.4713	61.4713
336	75.9827	76.9026	79.2593	61.3804	61.3804	61.3804
337	78.1582	80.8239	89.1879	61.329	61.329	61.329
338	79.1448	81.3636	89.35	61.2738	61.2738	61.2738
339	79.476	81.2551	88.87	61.2147	61.2147	61.2147
340	79.4899	80.9266	88.2342	61.1528	61.1528	61.1528
341	79.8159	90.3885	85.539	66.5408	66.5408	87.2763
342	80.7707	92.2811	88.874	68.8982	68.8982	88.5024
343	81.1495	91.9182	88.8269	69.9402	69.9402	88.4155
344	81.2368	91.2828	88.6995	70.3916	70.3916	87.7095
345	81.396	91.2865	89.1996	70.5682	70.5682	86.7219
346	81.805	92.1277	90.3045	70.6087	70.6087	85.6015
347	81.9295	91.7446	90.2351	70.5496	70.5496	84.325
348	82.1337	91.8282	91.1971	70.4379	70.4379	83.0496
349	82.4543	92.3918	92.4204	70.2936	70.2936	81.7864
350	82.8241	93.1771	93.5987	70.1117	70.1117	80.475
351	83.1476	93.8688	94.5794	69.8753	69.8753	79.0453
352	83.4394	94.651	95.74	69.6114	69.6114	77.6652
353	82.5927	90.541	91.9564	68.2256	68.2256	70.9604
354	81.605	88.8149	90.1188	66.9398	66.9398	66.9398
355	81.1243	89.8243	90.7736	66.3739	66.3739	66.3739
356	78.9118	78.9118	78.9118	66.0914	66.0914	66.0914
357	77.6785	77.6785	77.6785	65.947	65.947	65.947
358	76.9892	76.9892	76.9892	65.8631	65.8631	65.8631
359	76.6021	76.6021	76.6021	65.8059	65.8059	65.8059
360	76.3831	76.3831	76.3831	65.7604	65.7604	65.7604
361	76.2574	76.2574	76.2574	65.7201	65.7201	65.7201
362	76.1836	76.1836	76.1836	65.6822	65.6822	65.6822
363	76.1385	76.1385	76.1385	65.6455	65.6455	65.6455
364	76.1095	76.1095	76.1095	65.6094	65.6094	65.6094
365	76.0894	76.0894	76.0894	65.5737	65.5737	65.5737
366	76.0743	76.0743	76.0743	65.5382	65.5382	65.5382
367	76.0619	76.0619	76.0619	65.503	65.503	65.503
368	76.051	76.051	76.051	65.4679	65.4679	65.4679
369	76.0409	76.0409	76.0409	65.433	65.433	65.433
370	76.0314	76.0314	76.0314	65.3983	65.3983	65.3983
371	76.0221	76.0221	76.0221	65.3637	65.3637	65.3637
372	76.0129	76.0129	76.0129	65.3294	65.3294	65.3294
373	79.8317	95.4544	98.7685	65.3528	65.3528	65.3528
374	82.069	95.3965	99.143	65.376	65.376	65.376
375	83.4199	94.2786	98.5011	65.399	65.399	65.399
376	84.2947	94.1114	99.0004	65.422	65.422	65.422
377	84.8864	93.68	99.2314	65.4093	65.4093	65.4093
378	85.3101	93.3543	99.5139	65.3554	65.3554	65.3554
379	85.6428	92.938	99.7054	65.2846	65.2846	65.2846
380	85.9427	92.6774	99.9884	65.2075	65.2075	65.2075
381	86.2259	92.4018	100.256	65.1285	65.1285	65.1285

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382	86.465	91.9918	100.469	65.0489	65.0489	65.0489
383	86.6763	91.5472	100.654	64.9695	64.9695	64.9695
384	86.8842	91.5252	100.66	64.8907	64.8907	64.8907
385	87.092	91.5788	100.636	64.8127	64.8127	64.8127
386	87.521	92.1417	101.673	64.7388	64.7388	64.7388
387	88.1466	92.9849	103.155	64.6699	64.6699	64.6699
388	88.4248	92.8514	102.818	64.5993	64.5993	64.5993
389	88.3001	92.0524	101.443	64.5239	64.5239	64.5239
390	88.0755	91.385	100.4	64.4459	64.4459	64.4459
391	87.9969	91.2139	100.159	64.3683	64.3683	64.3683
392	87.9968	91.1255	100.004	64.2911	64.2911	64.2911
393	88.0574	91.1548	99.9823	64.2147	64.2147	64.2147
394	88.1607	91.2574	100.042	64.1391	64.1391	64.1391
395	88.2868	91.3829	100.126	64.0644	64.0644	64.0644
396	88.2374	91.0251	99.4924	63.9879	63.9879	63.9879
397	87.9675	90.2587	98.3063	63.908	63.908	63.908
398	87.5745	89.3908	97.037	63.8249	63.8249	63.8249
399	87.152	88.59	95.9	63.7393	63.7393	63.7393
400	86.8669	88.2331	95.4073	63.6537	63.6537	63.6537
401	86.6547	87.9511	94.9934	63.5679	63.5679	63.5679
402	86.4797	87.7078	94.6207	63.4822	63.4822	63.4822
403	86.3113	87.4374	94.2202	63.3962	63.3962	63.3962
404	86.1307	87.1165	93.7677	63.3099	63.3099	63.3099
405	85.9406	86.7891	93.3112	63.2232	63.2232	63.2232
406	85.7426	86.4564	92.8521	63.1362	63.1362	63.1362
407	85.5693	86.1981	92.5223	63.0494	63.0494	63.0494
408	85.4618	86.087	92.4305	62.9635	62.9635	62.9635
409	85.3904	86.012	92.3744	62.8785	62.8785	62.8785
410	85.3389	85.9571	92.3379	62.7943	62.7943	62.7943
411	85.2986	85.9133	92.3124	62.711	62.711	62.711
412	85.2616	85.8743	92.2788	62.6286	62.6286	62.6286
413	85.2264	85.8371	92.246	62.5469	62.5469	62.5469
414	85.1923	85.8011	92.2143	62.4661	62.4661	62.4661
415	85.1591	85.7661	92.1835	62.386	62.386	62.386
416	85.1261	85.7312	92.1511	62.3067	62.3067	62.3067
417	85.0899	85.6931	92.1039	62.2282	62.2282	62.2282
418	85.0521	85.6537	92.0566	62.1503	62.1503	62.1503
419	85.0137	85.614	92.0102	62.0732	62.0732	62.0732
420	84.9753	85.5745	91.9652	61.9968	61.9968	61.9968
421	84.9372	85.5354	91.922	61.921	61.921	61.921
422	84.8995	85.4971	91.8806	61.846	61.846	61.846
423	84.8623	85.4595	91.8408	61.7717	61.7717	61.7717
424	84.8254	85.4222	91.8016	61.6981	61.6981	61.6981
425	84.7889	85.3853	91.7627	61.6251	61.6251	61.6251
426	84.7526	85.3486	91.7241	61.5529	61.5529	61.5529
427	84.7166	85.3122	91.6858	61.4813	61.4813	61.4813
428	84.2352	84.6964	89.6519	61.4045	61.4045	61.4045
429	83.9341	84.3954	89.3508	61.3284	61.3284	61.3284
430	83.7312	84.1924	89.1478	61.253	61.253	61.253
431	83.5699	84.0272	88.9458	61.1782	61.1782	61.1782
432	83.0965	83.4765	87.2679	61.0995	61.0995	61.0995
433	82.4636	82.807	85.5525	61.0174	61.0174	61.0174
434	81.8071	82.1978	84.0369	60.9329	60.9329	60.9329
435	80.7283	80.7805	80.8335	60.9144	60.9144	61.2032
436	80.7175	82.0906	82.7594	62.6003	62.6003	69.6715
437	80.705	82.7801	82.6658	63.963	63.963	73.1869

438	80.6561	83.0037	82.6098	64.8579	64.8579	74.806
439	80.5562	82.9183	82.5101	65.389	65.389	75.3732
440	80.4294	82.8061	82.3836	65.7656	65.7656	75.7857
441	80.2879	82.6736	82.2422	66.0724	66.0724	76.1146
442	80.1376	82.5233	82.0919	66.343	66.343	76.3852
443	79.9831	82.3688	81.9374	66.5969	66.5969	76.639
444	79.8269	82.2125	81.7812	66.8423	66.8423	76.8845
445	79.6391	81.792	81.5979	66.9234	66.9234	76.3542
446	79.4172	81.1895	81.3987	66.801	66.801	75.1584
447	80.6256	90.6798	83.5463	70.7349	70.7349	93.5119
448	81.4981	92.8446	84.59	73.2101	73.2101	97.4611
449	81.9612	93.3659	84.9775	74.7019	74.7019	99.0144
450	82.1841	93.5422	85.1205	75.7347	75.7347	99.9655
451	82.2282	93.2363	85.0752	76.4563	76.4563	100.208
452	82.4763	93.2735	86.3719	76.8957	76.8957	99.6613
453	82.8015	93.3661	87.6043	77.1624	77.1624	98.8298
454	83.3476	94.0851	89.4882	77.3256	77.3256	97.8627
455	84.3142	95.8083	92.5326	77.4254	77.4254	96.8318
456	84.6109	95.2265	92.173	77.4673	77.4673	95.7452
457	84.6688	94.602	92.1337	77.4501	77.4501	94.5626
458	84.8802	94.8724	92.8303	77.3866	77.3866	93.3385
459	85.2215	95.4553	93.687	77.2781	77.2781	92.0576
460	85.31	95.0579	93.6348	77.1135	77.1135	90.6788
461	85.5179	95.2011	94.7381	76.9165	76.9165	89.3257
462	85.8399	95.8575	95.9619	76.6969	76.6969	87.9994
463	86.1803	96.5958	97.0665	76.4359	76.4359	86.589
464	86.4758	97.2828	98.0597	76.1275	76.1275	85.1021
465	86.7419	98.0394	99.1946	75.7915	75.7915	83.6497
466	85.6321	92.8678	94.3383	74.1076	74.1076	75.753
467	84.7199	92.1907	93.4325	72.9425	72.9425	72.9425
468	84.2808	93.2417	94.129	72.4289	72.4289	72.4289
469	82.0896	82.0896	82.0896	72.1764	72.1764	72.1764
470	80.8676	80.8676	80.8676	72.0489	72.0489	72.0489
471	80.1843	80.1843	80.1843	71.976	71.976	71.976
472	79.8002	79.8002	79.8002	71.9272	71.9272	71.9272
473	79.5824	79.5824	79.5824	71.889	71.889	71.889
474	79.457	79.457	79.457	71.8554	71.8554	71.8554
475	79.383	79.383	79.383	71.824	71.824	71.824
476	79.3375	79.3375	79.3375	71.7935	71.7935	71.7935
477	79.3078	79.3078	79.3078	71.7636	71.7636	71.7636
478	79.287	79.287	79.287	71.7339	71.7339	71.7339
479	79.2711	79.2711	79.2711	71.7043	71.7043	71.7043
480	79.2578	79.2578	79.2578	71.675	71.675	71.675
481	79.2461	79.2461	79.2461	71.6457	71.6457	71.6457
482	79.2353	79.2353	79.2353	71.6166	71.6166	71.6166
483	79.2249	79.2249	79.2249	71.5875	71.5875	71.5875
484	79.2148	79.2148	79.2148	71.5586	71.5586	71.5586
485	79.2048	79.2048	79.2048	71.5297	71.5297	71.5297
486	83.0217	98.2422	101.628	71.5452	71.5452	71.5452
487	85.2569	98.1818	101.996	71.5606	71.5606	71.5606
488	86.6093	97.2854	101.625	71.5758	71.5758	71.5758
489	87.4861	97.1248	102.131	71.591	71.591	71.591
490	88.0745	96.7439	102.403	71.5521	71.5521	71.5521
491	88.4837	96.3967	102.663	71.4504	71.4504	71.4504
492	88.8011	95.9973	102.86	71.3229	71.3229	71.3229
493	89.0839	95.7242	103.13	71.1858	71.1858	71.1858

ANEXO 1E
SIMULACIONES, CÁLCULOS Y GRÁFICAS

INVERTER TEMPERAT-EBRCL13.xls

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494	89.3428	95.411	103.368	71.0455	71.0455	71.0455
495	89.5566	94.9707	103.558	70.9045	70.9045	70.9045
496	89.745	94.5174	103.717	70.764	70.764	70.764
497	89.9315	94.5476	103.667	70.6246	70.6246	70.6246
498	90.1176	94.5775	103.621	70.4865	70.4865	70.4865
499	90.5752	95.2339	104.877	70.3528	70.3528	70.3528
500	91.2074	96.0823	106.36	70.2238	70.2238	70.2238
501	91.3695	95.684	105.555	70.0929	70.0929	70.0929
502	91.1786	94.8362	104.146	69.9592	69.9592	69.9592
503	90.9556	94.2533	103.26	69.8247	69.8247	69.8247
504	90.8693	94.0779	103.017	69.6912	69.6912	69.6912
505	90.8567	93.9812	102.857	69.5589	69.5589	69.5589
506	90.9022	93.9996	102.828	69.4278	69.4278	69.4278
507	90.9877	94.0845	102.873	69.2981	69.2981	69.2981
508	91.0946	94.1909	102.941	69.1697	69.1697	69.1697
509	91.109	94.0343	102.618	69.0416	69.0416	69.0416
510	90.9005	93.3817	101.59	68.9117	68.9117	68.9117
511	90.5665	92.6203	100.467	68.7804	68.7804	68.7804
512	90.1585	91.7986	99.296	68.6477	68.6477	68.6477
513	89.8019	91.2216	98.4969	68.5146	68.5146	68.5146
514	89.5516	90.9091	98.067	68.3822	68.3822	68.3822
515	89.3573	90.6544	97.6981	68.2505	68.2505	68.2505
516	89.192	90.4303	97.3628	68.1195	68.1195	68.1195
517	89.0368	90.2056	97.0286	67.9891	67.9891	67.9891
518	88.8683	89.9172	96.6276	67.8591	67.8591	67.8591
519	88.6901	89.6216	96.2217	67.7297	67.7297	67.7297
520	88.5044	89.3208	95.8128	67.6007	67.6007	67.6007
521	88.3124	89.016	95.402	67.4722	67.4722	67.4722
522	88.1391	88.7683	95.0909	67.3444	67.3444	67.3444
523	88.0221	88.6482	94.9869	67.2179	67.2179	67.2179
524	87.936	88.5591	94.9136	67.0926	67.0926	67.0926
525	87.867	88.4872	94.8572	66.9686	66.9686	66.9686
526	87.8077	88.425	94.8103	66.8458	66.8458	66.8458
527	87.7541	88.3686	94.7688	66.7242	66.7242	66.7242
528	87.7012	88.314	94.7181	66.6037	66.6037	66.6037
529	87.6488	88.2601	94.6677	66.4845	66.4845	66.4845
530	87.39	95.7671	89.9436	71.7564	71.7564	92.3011
531	87.698	98.9928	90.6182	75.3212	75.3212	99.4653
532	87.8003	98.7492	90.7563	77.085	77.085	100.677
533	88.1057	98.8587	92.275	77.9328	77.9328	100.458
534	88.418	98.9195	93.4016	78.3511	78.3511	99.745
535	89.0933	100.066	95.8316	78.5642	78.5642	98.8172
536	89.8601	101.128	97.9098	78.6678	78.6678	97.7842
537	90.0416	100.452	97.4977	78.6959	78.6959	96.6766
538	90.0434	99.8092	97.5113	78.6577	78.6577	95.4656
539	90.3245	100.467	98.4918	78.5745	78.5745	94.2272
540	90.5603	100.663	98.9759	78.4398	78.4398	92.9031
541	90.6446	100.372	99.2049	78.255	78.255	91.5182
542	90.8363	100.526	100.29	78.0376	78.0376	90.1493
543	91.146	101.279	101.503	77.8004	77.8004	88.8189
544	91.4335	101.942	102.485	77.5126	77.5126	87.3538
545	91.6815	102.616	103.491	77.1854	77.1854	85.8699
546	91.5536	101.802	103.039	76.4897	76.4897	82.7404
547	90.1923	96.3708	97.9232	74.6141	74.6141	74.6433
548	89.468	97.3259	98.4756	73.7541	73.7541	73.7541
549	87.1243	87.1243	87.1243	73.3533	73.3533	73.3533

ANEXO 1E
SIMULACIONES, CÁLCULOS Y GRÁFICAS

INVERTER TEMPERAT-EBRCL13.xls

ALSTOM

00011314

550	85.8171	85.8171	85.8171	73.1626	73.1626	73.1626
551	85.0858	85.0858	85.0858	73.0639	73.0639	73.0639
552	84.6745	84.6745	84.6745	73.0054	73.0054	73.0054
553	84.441	84.441	84.441	72.9647	72.9647	72.9647
554	84.3064	84.3064	84.3064	72.9317	72.9317	72.9317
555	84.2266	84.2266	84.2266	72.9022	72.9022	72.9022
556	84.1773	84.1773	84.1773	72.8742	72.8742	72.8742
557	84.145	84.145	84.145	72.847	72.847	72.847
558	84.1222	84.1222	84.1222	72.8201	72.8201	72.8201
559	84.1045	84.1045	84.1045	72.7934	72.7934	72.7934
560	84.0898	84.0898	84.0898	72.7669	72.7669	72.7669
561	84.0767	84.0767	84.0767	72.7404	72.7404	72.7404
562	84.0645	84.0645	84.0645	72.7141	72.7141	72.7141
563	84.0528	84.0528	84.0528	72.6878	72.6878	72.6878
564	84.0414	84.0414	84.0414	72.6616	72.6616	72.6616
565	84.0301	84.0301	84.0301	72.6355	72.6355	72.6355
566	87.8498	104.771	107.854	72.6475	72.6475	72.6475
567	90.0891	104.716	108.245	72.6594	72.6594	72.6594
568	91.4393	103.708	107.631	72.6712	72.6712	72.6712
569	92.3048	102.712	107.225	72.6829	72.6829	72.6829
570	92.9083	102.272	107.451	72.6946	72.6946	72.6946
571	93.3367	101.804	107.62	72.6497	72.6497	72.6497
572	93.6451	101.363	107.787	72.5389	72.5389	72.5389
573	93.8978	100.955	107.959	72.4014	72.4014	72.4014
574	94.1263	100.618	108.165	72.2536	72.2536	72.2536
575	94.3308	100.228	108.35	72.1025	72.1025	72.1025
576	94.498	99.7395	108.491	71.9506	71.9506	71.9506
577	94.6481	99.3763	108.556	71.7993	71.7993	71.7993
578	94.7991	99.373	108.474	71.6493	71.6493	71.6493
579	95.0088	99.5056	108.673	71.5011	71.5011	71.5011
580	95.483	100.199	110.009	71.3573	71.3573	71.3573
581	96.0409	100.876	111.193	71.217	71.217	71.217
582	96.0568	100.219	109.96	71.0745	71.0745	71.0745
583	95.7883	99.3322	108.544	70.93	70.93	70.93
584	95.565	98.8501	107.847	70.7858	70.7858	70.7858
585	95.4645	98.6652	107.598	70.6428	70.6428	70.6428
586	95.4302	98.5512	107.424	70.501	70.501	70.501
587	95.4501	98.5475	107.376	70.3605	70.3605	70.3605
588	95.5067	98.6035	107.393	70.2215	70.2215	70.2215
589	95.5832	98.6794	107.431	70.0839	70.0839	70.0839
590	95.5736	98.5109	107.105	69.9469	69.9469	69.9469
591	95.3306	97.8113	106.019	69.8086	69.8086	69.8086
592	94.9419	96.9597	104.776	69.669	69.669	69.669
593	94.4549	96.0025	103.422	69.5281	69.5281	69.5281
594	94.0686	95.4612	102.685	69.3875	69.3875	69.3875
595	92.4526	94.0893	96.0166	70.7748	70.7748	76.8198
596	91.4986	93.3603	95.016	71.5945	71.5945	78.428
597	90.9096	92.9718	94.3968	72.1502	72.1502	79.6192
598	90.5239	92.796	93.9857	72.6059	72.6059	80.7084
599	90.2592	92.77	93.7198	73.0308	73.0308	81.7617
600	91.2142	92.5	99.4139	71.064	71.064	71.064
601	91.9635	102.501	96.8429	75.8208	75.8208	97.3723
602	92.1277	100.585	97.2125	77.2715	77.2715	95.5177
603	91.0955	93.7154	94.8253	75.6185	75.6185	84.3485
604	90.4537	93.0472	94.1798	74.9784	74.9784	83.651
605	89.985	92.3223	93.6764	74.6338	74.6338	82.748

606	89.6188	91.732	93.3052	74.4017	74.4017	81.9528
607	89.3088	91.2027	92.994	74.2056	74.2056	81.1926
608	88.5077	89.3724	90.5645	73.2125	73.2125	76.5158
609	87.4361	87.5563	87.8183	71.9096	71.9096	71.9096
610	87.4578	88.3132	90.3106	71.263	71.263	71.263
611	87.4266	88.2261	90.5018	70.8924	70.8924	70.8924
612	87.3377	88.1259	90.4959	70.6396	70.6396	70.6396
613	87.2634	88.046	90.6494	70.4379	70.4379	70.4379
614	87.1522	87.9362	90.5996	70.2586	70.2586	70.2586
615	87.006	87.7899	90.4534	70.0896	70.0896	70.0896
616	86.8413	87.6252	90.2887	69.9257	69.9257	69.9257
617	86.6672	87.4511	90.1146	69.7649	69.7649	69.7649
618	86.4886	87.2725	89.936	69.6062	69.6062	69.6062
619	86.3082	87.0922	89.7556	69.4492	69.4492	69.4492
620	86.1275	86.9114	89.5748	69.2938	69.2938	69.2938
621	85.9471	86.731	89.3945	69.1398	69.1398	69.1398
622	85.7675	86.5514	89.2149	68.9872	68.9872	68.9872
623	85.5362	86.3214	88.7965	68.8356	68.8356	68.8356
624	85.3171	86.1033	88.542	68.6852	68.6852	68.6852
625	85.1047	85.8919	88.2942	68.5361	68.5361	68.5361
626	84.8958	85.6841	88.0501	68.3882	68.3882	68.3882
627	84.6907	85.4836	87.8118	68.2416	68.2416	68.2416
628	86.2515	87.868	95.3454	68.112	68.112	68.112
629	86.9762	88.3906	95.6559	67.9824	67.9824	67.9824
630	87.3158	88.6665	95.8114	67.8536	67.8536	67.8536
631	87.7125	98.1468	92.8888	73.2732	73.2732	94.3755
632	88.3071	98.4418	95.0902	75.3223	75.3223	94.2638
633	86.5502	87.4594	89.7269	71.5145	71.5145	71.5145
634	85.5158	86.4249	88.6924	69.8174	69.8174	69.8174
635	84.8871	85.8011	88.1099	69.0142	69.0142	69.0142
636	84.488	85.41	87.7855	68.59	68.59	68.59
637	84.2182	85.153	87.5966	68.327	68.327	68.327
638	84.1874	85.2325	88.2072	68.1346	68.1346	68.1346
639	84.1507	85.2255	88.3169	67.9724	67.9724	67.9724
640	84.1142	85.2214	88.4287	67.824	67.824	67.824
641	84.083	85.2356	88.5544	67.6825	67.6825	67.6825
642	84.0576	85.2557	88.686	67.5448	67.5448	67.5448
643	83.9415	85.0931	88.409	67.4088	67.4088	67.4088
644	83.8524	85.0318	88.4164	67.2747	67.2747	67.2747
645	83.7588	84.9461	88.35	67.142	67.142	67.142
646	83.6553	84.8426	88.2465	67.0107	67.0107	67.0107
647	83.5469	84.7342	88.138	66.8805	66.8805	66.8805
648	83.436	84.6233	88.0272	66.7516	66.7516	66.7516
649	83.3243	84.5116	87.9155	66.6238	66.6238	66.6238
650	83.2125	84.3998	87.8037	66.4973	66.4973	66.4973
651	83.101	84.2883	87.6922	66.3719	66.3719	66.3719
652	82.9572	84.1133	87.4406	66.2473	66.2473	66.2473
653	82.7842	83.8996	87.1267	66.1235	66.1235	66.1235
654	82.5035	83.5273	86.4119	65.9997	65.9997	65.9997
655	82.2352	83.2264	85.9543	65.8766	65.8766	65.8766
656	81.9725	82.9332	85.5104	65.7541	65.7541	65.7541
657	81.7124	82.6454	85.0799	65.6322	65.6322	65.6322
658	81.4555	82.3678	84.6617	65.5111	65.5111	65.5111
659	83.5762	86.2524	94.5288	65.4108	65.4108	65.4108
660	84.5582	86.8153	94.834	65.3097	65.3097	65.3097
661	84.8609	86.6623	94.2961	65.2072	65.2072	65.2072

SIMULACIONES, CÁLCULOS Y GRÁFICAS

ALSTOM

00011316

662	84.8302	86.2682	93.5781	65.1038	65.1038	65.1038
663	84.7662	86.1349	93.3138	65.0009	65.0009	65.0009
664	84.6822	85.9835	93.035	64.8985	64.8985	64.8985
665	84.5856	85.8214	92.7489	64.7966	64.7966	64.7966
666	84.4729	85.622	92.4264	64.6951	64.6951	64.6951
667	84.3331	85.3483	92.0271	64.5938	64.5938	64.5938
668	84.1758	85.0599	91.6155	64.4929	64.4929	64.4929
669	84.0063	84.7619	91.1968	64.3923	64.3923	64.3923
670	83.8279	84.4581	90.7752	64.292	64.292	64.292
671	83.7229	84.3496	90.6851	64.1926	64.1926	64.1926
672	83.6581	84.2814	90.6349	64.0943	64.0943	64.0943
673	83.6154	84.2354	90.6066	63.9969	63.9969	63.9969
674	83.5851	84.2018	90.5903	63.9005	63.9005	63.9005
675	83.5607	84.1746	90.5763	63.8051	63.8051	63.8051
676	83.5377	84.1497	90.5556	63.7106	63.7106	63.7106
677	83.8018	95.1285	86.7302	70.0175	70.0175	94.2053
678	83.8612	94.8331	86.6989	72.9773	72.9773	96.6791
679	84.1468	94.9244	88.1642	74.3556	74.3556	97.0143
680	84.4748	95.0128	89.3537	75.0236	75.0236	96.5758
681	85.0792	95.9123	91.4625	75.362	75.362	95.7837
682	85.9706	97.3751	94.122	75.5384	75.5384	94.8297
683	86.2194	96.7454	93.7145	75.6177	75.6177	93.7804
684	86.2616	96.1291	93.7277	75.6203	75.6203	92.6133
685	86.5055	96.5586	94.5404	75.5707	75.5707	91.4055
686	86.8097	96.9918	95.2554	75.4701	75.4701	90.1255
687	86.9004	96.6417	95.3165	75.3152	75.3152	88.7626
688	87.1049	96.7815	96.4164	75.1264	75.1264	87.4176
689	87.4262	97.489	97.6404	74.9157	74.9157	86.1067
690	87.7498	98.2016	98.701	74.6594	74.6594	84.69
691	88.0303	98.8874	99.7029	74.3585	74.3585	83.2192
692	88.1468	99.0372	100.225	73.8976	73.8976	81.1302
693	86.9412	93.7619	95.2646	72.1568	72.1568	73.1677
694	86.1052	93.728	94.9336	71.125	71.125	71.125
695	85.7083	94.8212	95.6722	70.6704	70.6704	70.6704
696	83.5394	83.5394	83.5394	70.4522	70.4522	70.4522
697	82.3297	82.3297	82.3297	70.3447	70.3447	70.3447
698	81.6529	81.6529	81.6529	70.2855	70.2855	70.2855
699	81.2724	81.2724	81.2724	70.2476	70.2476	70.2476
700	81.0564	81.0564	81.0564	70.219	70.219	70.219
701	80.9318	80.9318	80.9318	70.1945	70.1945	70.1945
702	80.858	80.858	80.858	70.1718	70.1718	70.1718
703	80.8125	80.8125	80.8125	70.15	70.15	70.15
704	80.7827	80.7827	80.7827	70.1285	70.1285	70.1285
705	80.7616	80.7616	80.7616	70.1073	70.1073	70.1073
706	80.7453	80.7453	80.7453	70.0861	70.0861	70.0861
707	80.7317	80.7317	80.7317	70.0651	70.0651	70.0651
708	80.7197	80.7197	80.7197	70.0441	70.0441	70.0441
709	80.7084	80.7084	80.7084	70.0231	70.0231	70.0231
710	80.6977	80.6977	80.6977	70.0022	70.0022	70.0022
711	80.6871	80.6871	80.6871	69.9814	69.9814	69.9814
712	80.6768	80.6768	80.6768	69.9606	69.9606	69.9606
713	84.5	99.4893	102.958	69.97	69.97	69.97
714	86.731	99.4214	103.275	69.9793	69.9793	69.9793
715	88.0827	98.6526	103.06	69.9886	69.9886	69.9886
716	88.9574	98.4855	103.559	69.9979	69.9979	69.9979
717	89.5412	98.1271	103.847	69.958	69.958	69.958

718	89.9456	97.7822	104.11	69.8611	69.8611	69.8611
719	90.2573	97.3964	104.315	69.7408	69.7408	69.7408
720	90.5313	97.1111	104.572	69.6117	69.6117	69.6117
721	90.778	96.7792	104.801	69.4797	69.4797	69.4797
722	90.9797	96.3246	104.976	69.3471	69.3471	69.3471
723	91.1576	95.9102	105.102	69.215	69.215	69.215
724	91.3351	95.9334	105.047	69.084	69.084	69.084
725	91.5245	95.9865	105.052	68.9543	68.9543	68.9543
726	91.9971	96.6783	106.387	68.8281	68.8281	68.8281
727	92.6355	97.5336	107.88	68.7054	68.7054	68.7054
728	92.7216	96.9559	106.758	68.5811	68.5811	68.5811
729	92.485	96.0668	105.311	68.4553	68.4553	68.4553
730	92.2715	95.5628	104.564	68.3297	68.3297	68.3297
731	92.1874	95.3948	104.333	68.205	68.205	68.205
732	92.1731	95.3012	104.18	68.0815	68.0815	68.0815
733	92.2119	95.3094	104.142	67.9592	67.9592	67.9592
734	92.2893	95.3862	104.181	67.8381	67.8381	67.8381
735	92.3873	95.4837	104.242	67.7182	67.7182	67.7182
736	92.4591	95.4937	104.17	67.5993	67.5993	67.5993
737	90.0023	90.9245	93.3015	67.4623	67.4623	67.4623
738	88.5818	89.504	91.881	67.3264	67.3264	67.3264
739	87.7239	88.6461	91.0232	67.1919	67.1919	67.1919
740	87.1718	88.0941	90.4711	67.0585	67.0585	67.0585
741	86.7862	87.7085	90.0855	66.9263	66.9263	66.9263
742	86.4198	87.3155	89.4714	66.7948	66.7948	66.7948
743	86.1179	87.015	89.1151	66.6643	66.6643	66.6643
744	85.8305	86.7513	88.6791	66.5348	66.5348	66.5348
745	85.1253	85.5641	86.4566	66.403	66.403	66.403
746	84.3575	84.5435	84.7801	66.4439	66.4439	67.1256
747	86.5507	88.8941	96.1205	66.2457	66.2457	66.2457
748	87.9043	90.0814	98.0326	66.0999	66.0999	66.0999
749	88.3446	89.9855	97.4835	65.9739	65.9739	65.9739
750	88.4309	89.8294	97.0647	65.8568	65.8568	65.8568
751	88.4009	89.7142	96.7883	65.744	65.744	65.744
752	88.3036	89.5314	96.444	65.6332	65.6332	65.6332
753	88.1483	89.2367	95.9843	65.5234	65.5234	65.5234
754	87.9476	88.8633	95.4487	65.4142	65.4142	65.4142
755	87.7215	88.4725	94.903	65.3054	65.3054	65.3054
756	87.5047	88.1339	94.4564	65.1972	65.1972	65.1972
757	87.3685	87.9935	94.3381	65.09	65.09	65.09
758	87.2761	87.8971	94.2627	64.984	64.984	64.984
759	87.2076	87.8249	94.2105	64.8789	64.8789	64.8789
760	87.1516	87.7656	94.1671	64.7749	64.7749	64.7749
761	87.0999	87.7119	94.1179	64.672	64.672	64.672
762	87.0508	87.6608	94.0713	64.57	64.57	64.57
763	87.0034	87.6115	94.0263	64.4689	64.4689	64.4689
764	86.9571	87.5634	93.9825	64.3689	64.3689	64.3689
765	86.9095	87.5138	93.9296	64.2698	64.2698	64.2698
766	86.8593	87.4616	93.8676	64.1716	64.1716	64.1716
767	86.8079	87.4082	93.8046	64.0743	64.0743	64.0743
768	86.7558	87.3542	93.7412	63.978	63.978	63.978
769	86.7036	87.3	93.6778	63.8825	63.8825	63.8825
770	85.1785	85.7458	86.9201	63.7772	63.7772	63.7772
771	84.2493	84.8166	85.9909	63.6728	63.6728	63.6728
772	83.644	84.2113	85.3856	63.5693	63.5693	63.5693
773	83.215	83.7824	84.9567	63.4668	63.4668	63.4668

SIMULACIONES, CÁLCULOS Y GRÁFICAS

ALSTOM

00011318

774	82.8842	83.4471	84.6342	63.3651	63.3651	63.3651
775	82.6057	83.1686	84.3558	63.2643	63.2643	63.2643
776	82.3546	82.9219	84.0962	63.1644	63.1644	63.1644
777	82.121	82.6873	83.8647	63.0654	63.0654	63.0654
778	81.8971	82.4639	83.6398	62.9672	62.9672	62.9672
779	81.6803	82.2446	83.4276	62.8699	62.8699	62.8699
780	82.4164	88.7997	84.7506	67.4119	67.4119	85.1657
781	83.6552	94.996	86.7512	71.4178	71.4178	95.6618
782	84.3078	95.7124	87.3248	73.5617	73.5617	97.8743
783	84.6233	95.9755	87.5582	74.8711	74.8711	99.0939
784	84.7086	95.7088	87.5536	75.7119	75.7119	99.4524
785	84.9772	95.7709	88.8943	76.2012	76.2012	98.948
786	85.3036	95.8626	90.1223	76.4899	76.4899	98.138
787	85.8517	96.6047	92.0316	76.6623	76.6623	97.1807
788	86.7946	98.2742	95.0021	76.7631	76.7631	96.1508
789	87.0701	97.6712	94.6213	76.8054	76.8054	95.0646
790	87.111	97.0335	94.576	76.7884	76.7884	93.8816
791	87.3127	97.3145	95.2766	76.7244	76.7244	92.6572
792	87.6327	97.8581	96.095	76.6141	76.6141	91.3735
793	87.7063	97.4531	96.0459	76.4488	76.4488	89.995
794	87.8984	97.5805	97.1334	76.2505	76.2505	88.6406
795	88.2054	98.2285	98.3439	76.0289	76.0289	87.3125
796	88.5278	98.9491	99.4245	75.7651	75.7651	85.8983
797	88.8057	99.6209	100.404	75.4542	75.4542	84.4102
798	89.0346	100.273	101.433	75.0959	75.0959	82.86
799	87.8935	95.0618	96.5376	73.4038	73.4038	74.9462
800	86.9819	94.4775	95.7134	72.2625	72.2625	72.2625
801	86.543	95.5285	96.4099	71.76	71.76	71.76
802	84.3513	84.3513	84.3513	71.5229	71.5229	71.5229
803	83.1289	83.1289	83.1289	71.4082	71.4082	71.4082
804	82.445	82.445	82.445	71.3471	71.3471	71.3471
805	82.0604	82.0604	82.0604	71.3094	71.3094	71.3094
806	81.842	81.842	81.842	71.2821	71.2821	71.2821
807	81.7161	81.7161	81.7161	71.2592	71.2592	71.2592
808	81.6414	81.6414	81.6414	71.2384	71.2384	71.2384
809	81.5953	81.5953	81.5953	71.2185	71.2185	71.2185
810	81.5651	81.5651	81.5651	71.199	71.199	71.199
811	81.5437	81.5437	81.5437	71.1797	71.1797	71.1797
812	81.5271	81.5271	81.5271	71.1605	71.1605	71.1605
813	81.5133	81.5133	81.5133	71.1413	71.1413	71.1413
814	81.501	81.501	81.501	71.1223	71.1223	71.1223
815	81.4896	81.4896	81.4896	71.1032	71.1032	71.1032
816	81.4786	81.4786	81.4786	71.0842	71.0842	71.0842
817	81.4679	81.4679	81.4679	71.0653	71.0653	71.0653
818	81.4573	81.4573	81.4573	71.0464	71.0464	71.0464
819	85.2811	100.467	103.902	71.0538	71.0538	71.0538
820	87.5124	100.399	104.22	71.0611	71.0611	71.0611
821	88.8627	99.5216	103.872	71.0683	71.0683	71.0683
822	89.7381	99.3596	104.377	71.0756	71.0756	71.0756
823	90.319	98.969	104.637	71.0304	71.0304	71.0304
824	90.7193	98.6198	104.896	70.9241	70.9241	70.9241
825	91.0247	98.2116	105.084	70.793	70.793	70.793
826	91.2926	97.9202	105.335	70.6524	70.6524	70.6524
827	91.5367	97.594	105.562	70.5087	70.5087	70.5087
828	91.7345	97.1355	105.733	70.3644	70.3644	70.3644
829	91.908	96.6779	105.876	70.2206	70.2206	70.2206

830	92.0794	96.693	105.811	70.078	70.078	70.078
831	92.2504	96.7077	105.75	69.9367	69.9367	69.9367
832	92.6979	97.3604	107.015	69.7986	69.7986	69.7986
833	93.3192	98.1989	108.491	69.6639	69.6639	69.6639
834	93.4497	97.7418	107.594	69.5285	69.5285	69.5285
835	93.2284	96.8532	106.135	69.3919	69.3919	69.3919
836	92.9974	96.2875	105.288	69.2554	69.2554	69.2554
837	92.8989	96.0967	105.028	69.1202	69.1202	69.1202
838	92.8716	95.9813	104.846	68.9862	68.9862	68.9862
839	92.9078	96.005	104.823	68.8534	68.8534	68.8534
840	92.982	96.0786	104.854	68.7221	68.7221	68.7221
841	93.0767	96.1726	104.906	68.592	68.592	68.592
842	92.9166	95.5763	103.935	68.4616	68.4616	68.4616
843	92.5645	94.7232	102.659	68.3304	68.3304	68.3304
844	92.0992	93.77	101.293	68.1985	68.1985	68.1985
845	91.6818	93.0945	100.357	68.0668	68.0668	68.0668
846	91.3815	92.7206	99.8437	67.936	67.936	67.936
847	91.1429	92.4105	99.3983	67.8059	67.8059	67.8059
848	90.9362	92.1342	98.9902	67.6767	67.6767	67.6767
849	90.7214	91.7805	98.5005	67.5481	67.5481	67.5481
850	90.4973	91.4136	97.9995	67.4202	67.4202	67.4202
851	90.2653	91.0417	97.4962	67.2929	67.2929	67.2929
852	90.0263	90.6657	96.9914	67.1663	67.1663	67.1663
853	89.8631	90.4898	96.8255	67.0409	67.0409	67.0409
854	89.7473	90.3703	96.7255	66.9167	66.9167	66.9167
855	89.6577	90.277	96.6515	66.7937	66.7937	66.7937
856	89.5827	90.1985	96.5919	66.672	66.672	66.672
857	89.514	90.1272	96.5305	66.5514	66.5514	66.5514
858	89.4477	90.0589	96.4668	66.4319	66.4319	66.4319
859	89.3831	89.9923	96.4046	66.3136	66.3136	66.3136
860	89.3197	89.927	96.3436	66.1965	66.1965	66.1965
861	89.2572	89.8627	96.2836	66.0804	66.0804	66.0804
862	89.1916	89.7951	96.2069	65.9655	65.9655	65.9655
863	89.1242	89.7257	96.1278	65.8516	65.8516	65.8516
864	89.056	89.6555	96.0481	65.7388	65.7388	65.7388
865	88.9875	89.5851	95.9683	65.627	65.627	65.627
866	88.919	89.5147	95.8888	65.5163	65.5163	65.5163
867	87.3785	87.9458	89.1201	65.3971	65.3971	65.3971
868	86.4337	87.001	88.1753	65.2789	65.2789	65.2789
869	85.8128	86.3802	87.5544	65.1618	65.1618	65.1618
870	85.3684	85.9357	87.11	65.0457	65.0457	65.0457
871	85.0204	85.5877	86.762	64.9307	64.9307	64.9307
872	84.7255	85.2928	86.4671	64.8167	64.8167	64.8167
873	84.4602	85.0275	86.2018	64.7037	64.7037	64.7037
874	84.2116	84.7789	85.9532	64.5916	64.5916	64.5916
875	83.9775	84.533	85.7417	64.4806	64.4806	64.4806
876	85.3959	95.6555	88.348	70.4551	70.4551	93.4741
877	86.3294	97.6924	89.4092	73.7295	73.7295	98.0005
878	86.8057	98.2131	89.8061	75.5474	75.5474	99.8594
879	87.0065	98.2871	89.9231	76.6823	76.6823	100.807
880	87.059	98.0061	90.0258	77.4217	77.4217	101.004
881	87.334	98.0898	91.4858	77.8425	77.8425	100.383
882	87.632	98.1418	92.5919	78.0858	78.0858	99.5154
883	88.2751	99.207	94.9134	78.2263	78.2263	98.5268
884	89.0709	100.381	97.1521	78.2995	78.2995	97.47
885	89.2638	99.7065	96.7193	78.3161	78.3161	96.3561

886	89.2746	99.0718	96.7424	78.2733	78.2733	95.1404
887	89.5402	99.6536	97.665	78.1869	78.1869	93.8981
888	89.7947	99.9238	98.22	78.0509	78.0509	92.5762
889	89.8774	99.6118	98.3893	77.8649	77.8649	91.1886
890	90.0684	99.7382	99.4758	77.6449	77.6449	89.8125
891	90.3796	100.489	100.691	77.4049	77.4049	88.4785
892	90.676	101.166	101.695	77.116	77.116	87.0182
893	90.9316	101.841	102.697	76.7858	76.7858	85.5271
894	90.8794	101.334	102.556	76.1554	76.1554	82.7224
895	89.5653	95.9507	97.487	74.3173	74.3173	74.6627
896	88.8027	96.5849	97.7526	73.3982	73.3982	73.3982
897	88.4463	97.7186	98.5317	72.9927	72.9927	72.9927
898	86.2986	86.2986	86.2986	72.7994	72.7994	72.7994
899	85.1004	85.1004	85.1004	72.7046	72.7046	72.7046
900	84.4297	84.4297	84.4297	72.6528	72.6528	72.6528
901	84.0522	84.0522	84.0522	72.62	72.62	72.62
902	83.8375	83.8375	83.8375	72.5954	72.5954	72.5954
903	83.7134	83.7134	83.7134	72.5744	72.5744	72.5744
904	83.6395	83.6395	83.6395	72.555	72.555	72.555
905	83.5937	83.5937	83.5937	72.5364	72.5364	72.5364
906	83.5633	83.5633	83.5633	72.5181	72.5181	72.5181
907	83.5416	83.5416	83.5416	72.5	72.5	72.5
908	83.5246	83.5246	83.5246	72.482	72.482	72.482
909	83.5104	83.5104	83.5104	72.464	72.464	72.464
910	83.4976	83.4976	83.4976	72.446	72.446	72.446
911	83.4856	83.4856	83.4856	72.4281	72.4281	72.4281
912	83.4741	83.4741	83.4741	72.4102	72.4102	72.4102
913	83.4629	83.4629	83.4629	72.3924	72.3924	72.3924
914	83.4518	83.4518	83.4518	72.3746	72.3746	72.3746
915	87.2732	102.017	105.526	72.3803	72.3803	72.3803
916	89.5028	101.919	105.818	72.3859	72.3859	72.3859
917	90.8553	101.314	105.792	72.3915	72.3915	72.3915
918	91.7302	101.147	106.292	72.3972	72.3972	72.3972
919	92.3092	100.815	106.6	72.3465	72.3465	72.3465
920	92.702	100.458	106.852	72.2304	72.2304	72.2304
921	93.0002	100.08	107.056	72.0876	72.0876	72.0876
922	93.259	99.7816	107.301	71.9346	71.9346	71.9346
923	93.4838	99.4148	107.504	71.7782	71.7782	71.7782
924	93.6646	98.9395	107.659	71.6212	71.6212	71.6212
925	93.8241	98.5602	107.744	71.4648	71.4648	71.4648
926	93.9829	98.5647	107.67	71.3096	71.3096	71.3096
927	94.1813	98.6644	107.792	71.1561	71.1561	71.1561
928	94.6432	99.3392	109.092	71.0058	71.0058	71.0058
929	95.2516	100.151	110.503	70.8586	70.8586	70.8586
930	95.3274	99.5923	109.421	70.7108	70.7108	70.7108
931	95.1083	98.7744	108.091	70.5624	70.5624	70.5624
932	94.858	98.1735	107.193	70.4143	70.4143	70.4143
933	94.7501	97.9948	106.961	70.2676	70.2676	70.2676
934	94.7197	97.9002	106.818	70.1222	70.1222	70.1222
935	94.732	97.8547	106.729	69.9781	69.9781	69.9781
936	94.7774	97.875	106.717	69.8355	69.8355	69.8355
937	94.8486	97.9458	106.763	69.6942	69.6942	69.6942
938	94.9335	98.0304	106.824	69.5544	69.5544	69.5544
939	95.0255	98.1221	106.895	69.416	69.416	69.416
940	95.121	98.2172	106.97	69.2789	69.2789	69.2789
941	95.2181	98.314	107.047	69.1432	69.1432	69.1432

942	95.2116	98.1363	106.719	69.0083	69.0083	69.0083
943	93.6841	95.3545	99.9911	68.8654	68.8654	68.8654
944	92.8083	94.4786	99.1153	68.7239	68.7239	68.7239
945	92.2861	93.9565	98.5931	68.5837	68.5837	68.5837
946	91.9562	93.6265	98.2632	68.4448	68.4448	68.4448
947	91.7308	93.4012	98.0378	68.3072	68.3072	68.3072
948	91.5624	93.2328	97.8695	68.171	68.171	68.171
949	91.4254	93.0958	97.7324	68.0359	68.0359	68.0359
950	91.3056	92.976	97.6126	67.9022	67.9022	67.9022
951	91.1956	92.8659	97.5026	67.7697	67.7697	67.7697
952	91.0911	92.7615	97.3981	67.6385	67.6385	67.6385
953	90.9227	92.532	97.015	67.5081	67.5081	67.5081
954	90.7249	92.2805	96.6305	67.3785	67.3785	67.3785
955	90.4336	91.8678	95.9026	67.2495	67.2495	67.2495
956	90.0951	91.4176	95.1587	67.1208	67.1208	67.1208
957	89.7338	90.9503	94.4264	66.9927	66.9927	66.9927
958	89.463	90.6745	94.1383	66.8658	66.8658	66.8658
959	89.1608	90.2909	93.5544	66.7395	66.7395	66.7395
960	88.8408	89.9072	92.9654	66.6139	66.6139	66.6139
961	88.5104	89.5262	92.3724	66.489	66.489	66.489
962	88.173	89.1438	91.7725	66.3648	66.3648	66.3648
963	87.7597	88.6619	90.8714	66.2408	66.2408	66.2408
964	87.4063	88.3071	90.3803	66.1178	66.1178	66.1178
965	87.1214	88.0221	90.0953	65.9959	65.9959	65.9959
966	86.8741	87.7749	89.8481	65.8751	65.8751	65.8751
967	86.648	87.5488	89.622	65.7553	65.7553	65.7553
968	86.4341	87.3348	89.408	65.6367	65.6367	65.6367
969	86.2273	87.1281	89.2013	65.5191	65.5191	65.5191
970	86.0252	86.926	88.9992	65.4026	65.4026	65.4026
971	85.8262	86.727	88.8001	65.2871	65.2871	65.2871
972	85.6295	86.5303	88.6035	65.1727	65.1727	65.1727
973	85.4347	86.3355	88.4087	65.0593	65.0593	65.0593
974	85.2416	86.1424	88.2156	64.947	64.947	64.947
975	84.8551	85.6117	87.1509	64.8345	64.8345	64.8345
976	84.4056	85.0074	86.2314	64.7222	64.7222	64.7222
977	83.915	84.3618	85.2707	64.61	64.61	64.61
978	83.3951	83.687	84.2807	64.4981	64.4981	64.4981
979	82.8523	82.9893	83.2679	64.3863	64.3863	64.3863
980	85.5212	88.0295	96.2605	64.2931	64.2931	64.2931
981	86.7108	88.7179	96.5253	64.1992	64.1992	64.1992
982	87.0917	88.6144	96.0126	64.1045	64.1045	64.1045
983	87.2093	88.5998	95.8199	64.0102	64.0102	64.0102
984	87.2122	88.5309	95.6153	63.9163	63.9163	63.9163
985	87.1517	88.4011	95.3546	63.8231	63.8231	63.8231
986	87.052	88.224	95.05	63.7303	63.7303	63.7303
987	86.9086	87.9419	94.6376	63.638	63.638	63.638
988	86.7395	87.6381	94.2074	63.5461	63.5461	63.5461
989	86.5546	87.3231	93.7701	63.4546	63.4546	63.4546
990	86.3602	87.0035	93.3329	63.3635	63.3635	63.3635
991	86.23	86.8572	93.1904	63.2733	63.2733	63.2733
992	86.1433	86.7671	93.1182	63.184	63.184	63.184
993	86.0806	86.701	93.0699	63.0955	63.0955	63.0955
994	86.3017	97.5205	89.2025	69.3665	69.3665	93.4066
995	86.4295	97.3411	89.6167	72.2661	72.2661	95.6547
996	86.7464	97.4657	91.106	73.6133	73.6133	95.9514
997	87.0521	97.5108	92.1584	74.2578	74.2578	95.466

998	87.8221	98.9404	94.9297	74.5823	74.5823	94.6598
999	88.4923	99.6275	96.4446	74.7461	74.7461	93.6934
1000	88.6492	98.9648	96.107	74.8127	74.8127	92.6212
1001	88.6411	98.3125	96.1108	74.8043	74.8043	91.4403
1002	88.9879	99.2193	97.2769	74.7473	74.7473	90.2319
1003	89.1926	99.2201	97.5793	74.6334	74.6334	88.9182
1004	89.3036	99.0253	97.9924	74.4727	74.4727	87.5682
1005	89.5239	99.2786	99.1096	74.2798	74.2798	86.2312
1006	89.8546	100.052	100.344	74.0643	74.0643	84.9225
1007	90.1416	100.702	101.287	73.7934	73.7934	83.4585
1008	90.3926	101.399	102.33	73.4873	73.4873	82.0081
1009	90.0709	99.7223	101.006	72.6214	72.6214	77.9598
1010	88.8223	95.3337	96.8038	70.927	70.927	70.927
1011	88.1962	96.2726	97.3703	70.1827	70.1827	70.1827
1012	85.9059	85.9059	85.9059	69.843	69.843	69.843
1013	84.6284	84.6284	84.6284	69.6854	69.6854	69.6854
1014	83.9138	83.9138	83.9138	69.6075	69.6075	69.6075
1015	83.5119	83.5119	83.5119	69.5645	69.5645	69.5645
1016	83.2838	83.2838	83.2838	69.5367	69.5367	69.5367
1017	83.1523	83.1523	83.1523	69.5157	69.5157	69.5157
1018	83.0744	83.0744	83.0744	69.4976	69.4976	69.4976
1019	83.0263	83.0263	83.0263	69.4808	69.4808	69.4808
1020	82.9948	82.9948	82.9948	69.4646	69.4646	69.4646
1021	82.9725	82.9725	82.9725	69.4487	69.4487	69.4487
1022	82.9553	82.9553	82.9553	69.4329	69.4329	69.4329
1023	82.941	82.941	82.941	69.4171	69.4171	69.4171
1024	82.9282	82.9282	82.9282	69.4014	69.4014	69.4014
1025	82.9163	82.9163	82.9163	69.3858	69.3858	69.3858
1026	82.9049	82.9049	82.9049	69.3701	69.3701	69.3701
1027	82.8938	82.8938	82.8938	69.3545	69.3545	69.3545
1028	82.8829	82.8829	82.8829	69.3389	69.3389	69.3389
1029	86.7121	103.301	106.501	69.3443	69.3443	69.3443
1030	88.9465	103.236	106.822	69.3497	69.3497	69.3497
1031	90.2937	102.134	106.13	69.3549	69.3549	69.3549
1032	91.1598	101.412	106.023	69.3601	69.3601	69.3601
1033	91.7666	100.983	106.261	69.3654	69.3654	69.3654
1034	92.2	100.565	106.471	69.3236	69.3236	69.3236
1035	92.5124	100.121	106.634	69.2271	69.2271	69.2271
1036	92.7715	99.7403	106.824	69.1082	69.1082	69.1082
1037	93.0094	99.419	107.046	68.9809	68.9809	68.9809
1038	93.2173	99.0187	107.232	68.8506	68.8506	68.8506
1039	93.3898	98.5351	107.379	68.7198	68.7198	68.7198
1040	93.5486	98.2542	107.422	68.5896	68.5896	68.5896
1041	93.7079	98.2593	107.349	68.4604	68.4604	68.4604
1042	93.9682	98.4972	107.76	68.3329	68.3329	68.3329
1043	94.4753	99.2228	109.127	68.2082	68.2082	68.2082
1044	94.952	99.6774	109.9	68.0854	68.0854	68.0854
1045	94.91	98.9379	108.564	67.9617	67.9617	67.9617
1046	94.5952	97.9796	107.056	67.8373	67.8373	67.8373
1047	94.4268	97.6823	106.657	67.7138	67.7138	67.7138
1048	94.3575	97.5237	106.431	67.5914	67.5914	67.5914
1049	94.3473	97.445	106.292	67.4702	67.4702	67.4702
1050	94.3916	97.4887	106.294	67.3502	67.3502	67.3502
1051	94.4651	97.5615	106.328	67.2313	67.2313	67.2313
1052	94.5538	97.6497	106.382	67.1137	67.1137	67.1137
1053	94.4441	97.2011	105.642	66.9962	66.9962	66.9962

1054	94.196	96.5826	104.711	66.8787	66.8787	66.8787
1055	93.8793	95.9264	103.768	66.7612	66.7612	66.7612
1056	93.531	95.267	102.845	66.6439	66.6439	66.6439
1057	93.168	94.6166	101.947	66.5267	66.5267	66.5267
1058	92.9154	94.3133	101.548	66.4105	66.4105	66.4105
1059	92.7194	94.0659	101.203	66.2951	66.2951	66.2951
1060	92.5489	93.841	100.875	66.1806	66.1806	66.1806
1061	92.3865	93.6209	100.546	66.0669	66.0669	66.0669
1062	92.2157	93.3677	100.175	65.9539	65.9539	65.9539
1063	92.0162	93.0293	99.7061	65.8416	65.8416	65.8416
1064	90.2075	91.1231	91.8849	66.605	66.605	70.075
1065	89.4098	90.82	91.9935	67.4049	67.4049	72.7496
1066	88.8768	90.287	91.4605	67.7779	67.7779	73.1226
1067	88.488	89.8982	91.0717	67.97	67.97	73.3147
1068	88.1782	89.5884	90.7619	68.0851	68.0851	73.4298
1069	87.812	89.0578	90.0945	68.0083	68.0083	72.7301
1070	87.2977	88.1939	88.9396	67.6583	67.6583	71.0548
1071	86.6924	87.2389	87.6937	67.1666	67.1666	69.2379
1072	86.2876	86.9129	87.4332	67.0038	67.0038	69.3737
1073	85.8401	86.2894	86.6633	66.7397	66.7397	68.4427
1074	85.2522	85.3411	85.4151	66.2412	66.2412	66.5781
1075	84.885	85.0675	85.3325	65.8808	65.8808	65.8808
1076	86.5653	87.4514	94.0089	65.6691	65.6691	65.6691
1077	87.3735	88.1245	94.555	65.516	65.516	65.516
1078	87.7136	88.3435	94.6622	65.388	65.388	65.388
1079	87.8754	88.5016	94.8398	65.2715	65.2715	65.2715
1080	87.9411	88.5637	94.9212	65.1605	65.1605	65.1605
1081	87.9552	88.5741	94.9507	65.0524	65.0524	65.0524
1082	87.9417	88.5571	94.9524	64.946	64.946	64.946
1083	87.9111	88.5241	94.9278	64.8411	64.8411	64.8411
1084	87.8706	88.4816	94.8899	64.7373	64.7373	64.7373
1085	87.8251	88.4342	94.8469	64.6345	64.6345	64.6345
1086	87.7771	88.3843	94.8013	64.5327	64.5327	64.5327
1087	88.042	99.4526	91.0245	70.8661	70.8661	95.1774
1088	87.8937	97.8048	90.6234	73.4575	73.4575	95.9222
1089	86.058	86.4799	87.1001	69.0067	69.0067	69.0067
1090	84.9452	85.3671	85.9873	67.054	67.054	67.054
1091	84.2253	84.6471	85.2673	66.1587	66.1587	66.1587
1092	83.7192	84.1411	84.7613	65.7113	65.7113	65.7113
1093	83.6194	84.2955	85.6039	65.4555	65.4555	65.4555
1094	83.4719	84.1349	85.4801	65.2808	65.2808	65.2808
1095	83.3001	83.9515	85.3336	65.1409	65.1409	65.1409
1096	83.1162	83.7559	85.1749	65.0164	65.0164	65.0164
1097	82.9029	83.5871	84.8748	64.8989	64.8989	64.8989
1098	82.6916	83.3759	84.6636	64.785	64.785	64.785
1099	82.4861	83.1573	84.4783	64.6732	64.6732	64.6732
1100	83.0652	89.086	85.3352	68.9466	68.9466	85.7686
1101	84.1983	95.127	87.2787	72.8493	72.8493	96.3316
1102	85.0691	95.8043	89.3486	74.6141	74.6141	97.0423
1103	85.6847	96.1628	90.7351	75.4288	75.4288	96.7238
1104	86.5861	97.6419	93.5349	75.816	75.816	95.969
1105	87.3952	98.5849	95.3861	75.9983	75.9983	95.0137
1106	87.6209	97.9726	95.078	76.0661	76.0661	93.9404
1107	87.6531	97.358	95.1222	76.0509	76.0509	92.7478
1108	88.0027	98.2031	96.2528	75.9829	75.9829	91.5216
1109	88.2347	98.2849	96.63	75.8581	75.8581	90.1974

1110	88.3523	98.0727	97.0056	75.6851	75.6851	88.8284
1111	88.5761	98.3121	98.1236	75.4801	75.4801	87.4778
1112	88.9115	99.0904	99.3625	75.2532	75.2532	86.1576
1113	89.2087	99.754	100.327	74.9723	74.9723	84.6882
1114	89.4686	100.454	101.369	74.6549	74.6549	83.223
1115	89.2123	99.0357	100.306	73.8337	73.8337	79.4352
1116	87.9464	94.3529	95.848	72.0926	72.0926	72.0926
1117	87.311	95.3244	96.4371	71.3278	71.3278	71.3278
1118	85.016	85.016	85.016	70.9801	70.9801	70.9801
1119	83.7361	83.7361	83.7361	70.8195	70.8195	70.8195
1120	83.0202	83.0202	83.0202	70.7407	70.7407	70.7407
1121	82.6177	82.6177	82.6177	70.6978	70.6978	70.6978
1122	82.3894	82.3894	82.3894	70.6706	70.6706	70.6706
1123	82.2578	82.2578	82.2578	70.6502	70.6502	70.6502
1124	82.18	82.18	82.18	70.6329	70.6329	70.6329
1125	82.1321	82.1321	82.1321	70.6169	70.6169	70.6169
1126	82.1008	82.1008	82.1008	70.6015	70.6015	70.6015
1127	82.0787	82.0787	82.0787	70.5864	70.5864	70.5864
1128	82.0617	82.0617	82.0617	70.5714	70.5714	70.5714
1129	82.0476	82.0476	82.0476	70.5565	70.5565	70.5565
1130	82.0351	82.0351	82.0351	70.5416	70.5416	70.5416
1131	82.0234	82.0234	82.0234	70.5268	70.5268	70.5268
1132	82.0123	82.0123	82.0123	70.512	70.512	70.512
1133	82.0014	82.0014	82.0014	70.4972	70.4972	70.4972
1134	81.9906	81.9906	81.9906	70.4824	70.4824	70.4824
1135	85.8206	102.506	105.691	70.4866	70.4866	70.4866
1136	88.0554	102.442	106.011	70.4908	70.4908	70.4908
1137	89.4031	101.367	105.342	70.4949	70.4949	70.4949
1138	90.2687	100.565	105.147	70.499	70.499	70.499
1139	90.8733	100.128	105.377	70.5032	70.5032	70.5032
1140	91.3064	99.6958	105.575	70.4566	70.4566	70.4566
1141	91.624	99.2643	105.752	70.3511	70.3511	70.3511
1142	91.8901	98.8884	105.949	70.2216	70.2216	70.2216
1143	92.1327	98.5659	106.17	70.0828	70.0828	70.0828
1144	92.3476	98.1767	106.364	69.941	69.941	69.941
1145	92.5267	97.6998	106.517	69.7987	69.7987	69.7987
1146	92.6914	97.4035	106.575	69.6569	69.6569	69.6569
1147	92.8566	97.4147	106.508	69.5162	69.5162	69.5162
1148	93.1091	97.6277	106.86	69.3772	69.3772	69.3772
1149	93.6124	98.3482	108.218	69.241	69.241	69.241
1150	94.1302	98.901	109.162	69.1068	69.1068	69.1068
1151	94.1174	98.1958	107.865	68.9721	68.9721	68.9721
1152	93.8266	97.2681	106.393	68.837	68.837	68.837
1153	93.6464	96.9128	105.896	68.7029	68.7029	68.7029
1154	93.5746	96.755	105.673	68.5699	68.5699	68.5699
1155	93.5612	96.6602	105.517	68.4381	68.4381	68.4381
1156	93.6058	96.703	105.519	68.3077	68.3077	68.3077
1157	93.6819	96.7786	105.556	68.1785	68.1785	68.1785
1158	93.7748	96.8709	105.612	68.0507	68.0507	68.0507
1159	93.7029	96.5135	105	67.9233	67.9233	67.9233
1160	93.4368	95.8058	103.919	67.7958	67.7958	67.7958
1161	93.0599	95.0026	102.756	67.6684	67.6684	67.6684
1162	92.6168	94.1462	101.55	67.541	67.541	67.541
1163	92.2786	93.6798	100.92	67.4144	67.4144	67.4144
1164	92.0274	93.3649	100.485	67.2887	67.2887	67.2887
1165	91.8212	93.0959	100.097	67.164	67.164	67.164

1166	91.6355	92.8465	99.7271	67.0401	67.0401	67.0401
1167	91.4415	92.5385	99.2941	66.9171	66.9171	66.9171
1168	91.2321	92.1936	98.8219	66.7948	66.7948	66.7948
1169	91.0111	91.8391	98.3421	66.6733	66.6733	66.6733
1170	90.7813	91.4786	97.8587	66.5526	66.5526	66.5526
1171	90.5844	91.2129	97.539	66.4329	66.4329	66.4329
1172	90.4475	91.0725	97.4173	66.3143	66.3143	66.3143
1173	90.3439	90.9653	97.329	66.1968	66.1968	66.1968
1174	90.2589	90.8767	97.2591	66.0805	66.0805	66.0805
1175	90.1844	90.7987	97.1993	65.9653	65.9653	65.9653
1176	90.1126	90.725	97.1301	65.8512	65.8512	65.8512
1177	90.0428	90.6533	97.0628	65.7383	65.7383	65.7383
1178	89.9745	90.5829	96.9972	65.6263	65.6263	65.6263
1179	89.9076	90.5138	96.933	65.5155	65.5155	65.5155
1180	89.8387	90.4425	96.856	65.4057	65.4057	65.4057
1181	89.7669	90.3681	96.7688	65.2969	65.2969	65.2969
1182	89.6935	90.292	96.6793	65.1892	65.1892	65.1892
1183	88.4676	88.8104	91.4644	65.077	65.077	65.077
1184	87.6732	90.0289	89.6269	67.5242	67.5242	77.4931
1185	87.1467	89.5025	89.1005	68.688	68.688	78.6568
1186	86.7664	89.1221	88.7201	69.3074	69.3074	79.2763
1187	86.4659	88.8216	88.4196	69.6955	69.6955	79.6643
1188	86.2094	88.5652	88.1631	69.9843	69.9843	79.9532
1189	85.9774	88.3332	87.9312	70.2301	70.2301	80.1989
1190	85.7595	88.1153	87.7132	70.4564	70.4564	80.4252
1191	85.5498	87.9055	87.5035	70.6732	70.6732	80.6421
1192	85.3452	87.701	87.2989	70.885	70.885	80.8538
1193	85.144	87.4998	87.0977	71.0933	71.0933	81.0621
1194	84.9454	87.3012	86.8991	71.2991	71.2991	81.2679
1195	84.7488	87.1045	86.7025	71.5027	71.5027	81.4715
1196	84.5539	86.9096	86.5076	71.7042	71.7042	81.673
1197	84.3605	86.7163	86.3142	71.9037	71.9037	81.8725
1198	84.1687	86.5245	86.1224	72.1013	72.1013	82.0701
1199	83.9796	86.3442	85.9335	72.3026	72.3026	82.293
1200	83.7914	86.1562	85.7452	72.4993	72.4993	82.4904
1201	83.604	85.9676	85.5579	72.692	72.692	82.68
1202	83.412	85.7315	85.3664	72.8529	72.8529	82.7263
1203	83.2227	85.5344	85.1773	73.0214	73.0214	82.8741
1204	83.0365	85.3489	84.9911	73.1977	73.1977	83.0524
1205	82.8563	85.1983	84.8102	73.3961	73.3961	83.3293
1206	82.6804	85.0501	84.6344	73.6024	73.6024	83.6055
1207	82.5046	84.8813	84.4587	73.7985	73.7985	83.8189
1208	82.3242	84.6718	84.2779	73.9662	73.9662	83.9141
1209	82.1396	84.4384	84.0946	74.1047	74.1047	83.923
1210	81.9527	84.2009	83.909	74.2261	74.2261	83.9102
1211	81.7647	83.9624	83.7223	74.3367	74.3367	83.8865
1212	81.5764	83.7235	83.5353	74.4393	74.4393	83.8548
1213	81.3881	83.4847	83.3483	74.5348	74.5348	83.8161
1214	81.2025	83.2677	83.1635	74.6372	74.6372	83.8349
1215	81.0229	83.088	82.9839	74.7616	74.7616	83.9593
1216	80.8471	82.9122	82.8081	74.8946	74.8946	84.0923
1217	80.6739	82.739	82.6349	75.0304	75.0304	84.2281
1218	80.5027	82.5678	82.4637	75.1667	75.1667	84.3644
1219	80.3331	82.3983	82.2942	75.3023	75.3023	84.5
1220	80.165	82.2301	82.126	75.437	75.437	84.6346
1221	79.9982	82.0633	81.9592	75.5704	75.5704	84.7681

1222	79.8326	81.8978	81.7937	75.7026	75.7026	84.9003
1223	79.6683	81.7335	81.6294	75.8335	75.8335	85.0312
1224	79.5052	81.5704	81.4662	75.9631	75.9631	85.1608
1225	79.3433	81.4084	81.3043	76.0915	76.0915	85.2892
1226	79.1825	81.2477	81.1436	76.2186	76.2186	85.4163
1227	79.0229	81.0881	80.984	76.3445	76.3445	85.5421
1228	78.8645	80.9296	80.8255	76.4691	76.4691	85.6668
1229	78.7072	80.7723	80.6682	76.5925	76.5925	85.7902
1230	80.1472	91.4197	83.2934	80.7542	80.7542	104.915
1231	80.9309	92.2855	84.0168	82.918	82.918	107.179
1232	81.3496	92.7541	84.3665	84.2217	84.2217	108.534
1233	81.5603	92.959	84.5071	85.1373	85.1373	109.424
1234	81.6118	92.7063	84.4809	85.7759	85.7759	109.646
1235	81.7462	92.6177	85.1812	86.2078	86.2078	109.378
1236	82.0399	92.7422	86.4482	86.4781	86.4781	108.743
1237	82.3312	92.81	87.3799	86.6421	86.6421	107.938
1238	82.9577	93.8698	89.5415	86.741	86.741	107.068
1239	81.869	85.7681	86.1138	84.3472	84.3472	94.5955
1240	80.9489	83.4692	84.6956	82.8134	82.8134	90.8243
1241	80.4068	82.9271	84.1534	82.1825	82.1825	90.1934
1242	80.0698	82.5901	83.8164	81.9334	81.9334	89.9443
1243	79.8445	82.3648	83.5911	81.8456	81.8456	89.8566
1244	79.6801	82.2004	83.4267	81.8259	81.8259	89.8368
1245	79.4512	81.4782	83.1238	81.5846	81.5846	88.6341
1246	79.2758	81.2696	82.9521	81.4574	81.4574	88.4173
1247	79.1296	81.0901	82.8096	81.3767	81.3767	88.2471
1248	78.9993	80.9266	82.683	81.3141	81.3141	88.0949
1249	78.8834	80.8212	82.5659	81.2878	81.2878	88.0971
1250	78.7936	80.862	82.4712	81.3543	81.3543	88.4879
1251	78.7	80.7685	82.3777	81.3823	81.3823	88.5159
1252	78.6047	80.6732	82.2824	81.3941	81.3941	88.5277
1253	78.5089	80.5773	82.1865	81.3989	81.3989	88.5325
1254	78.413	80.4814	82.0906	81.4008	81.4008	88.5344
1255	78.3174	80.3859	81.9951	81.4014	81.4014	88.535
1256	78.2223	80.2908	81.9	81.4015	81.4015	88.5351
1257	78.1278	80.1962	81.8054	81.4013	81.4013	88.5349
1258	78.0339	80.1023	81.7115	81.4011	81.4011	88.5347
1259	77.9406	80.0091	81.6183	81.4007	81.4007	88.5343
1260	77.848	79.9165	81.5257	81.4003	81.4003	88.5339
1261	77.7465	79.7599	81.4206	81.3686	81.3686	88.3814
1262	77.6312	79.5018	81.3211	81.253	81.253	87.8814
1263	77.5077	79.2355	81.2134	81.0944	81.0944	87.3385
1264	77.2366	78.6653	80.4835	80.7518	80.7518	85.9896
1265	76.6131	77.4533	78.5225	80.0185	80.0185	83.0986
1266	75.7759	76.0275	76.3477	79.078	79.078	80.0004
1267	78.4941	89.6252	86.2917	83.4076	83.4076	102.768
1268	80.0167	90.9796	87.8382	85.317	85.317	104.041
1269	80.6902	90.8771	88.1504	86.0473	86.0473	103.622
1270	81.0724	90.8438	88.7045	86.2454	86.2454	102.635
1271	81.675	92.0459	90.1629	86.1971	86.1971	101.408
1272	81.9226	91.8176	90.2587	86.0045	86.0045	99.9715
1273	82.153	91.8525	91.0921	85.7386	85.7386	98.5135
1274	82.4798	92.3622	92.326	85.4323	85.4323	97.0686
1275	82.868	93.1785	93.5667	85.0898	85.0898	95.596
1276	83.202	93.8729	94.5445	84.6901	84.6901	93.9838
1277	83.4997	94.6621	95.7133	84.2638	84.2638	92.4293

SIMULACIONES, CÁLCULOS Y GRÁFICAS

ALSTOM

00011327

1278	82.7813	91.1036	92.49	82.85	82.85	86.1566
1279	81.7458	88.8271	90.1616	81.3822	81.3822	81.3822
1280	81.2385	89.8124	90.7917	80.7357	80.7357	80.7357
1281	79.0121	79.0121	79.0121	80.4398	80.4398	80.4398
1282	77.7709	77.7709	77.7709	80.3013	80.3013	80.3013
1283	77.0772	77.0772	77.0772	80.2316	80.2316	80.2316
1284	76.6878	76.6878	76.6878	80.1921	80.1921	80.1921
1285	76.4674	76.4674	76.4674	80.1658	80.1658	80.1658
1286	76.3409	76.3409	76.3409	80.1453	80.1453	80.1453
1287	76.2667	76.2667	76.2667	80.1273	80.1273	80.1273
1288	76.2214	76.2214	76.2214	80.1104	80.1104	80.1104
1289	76.1922	76.1922	76.1922	80.0941	80.0941	80.0941
1290	76.172	76.172	76.172	80.078	80.078	80.078
1291	76.1568	76.1568	76.1568	80.0619	80.0619	80.0619
1292	76.1444	76.1444	76.1444	80.046	80.046	80.046
1293	76.1335	76.1335	76.1335	80.0301	80.0301	80.0301
1294	76.1234	76.1234	76.1234	80.0142	80.0142	80.0142
1295	76.1138	76.1138	76.1138	79.9983	79.9983	79.9983
1296	76.1045	76.1045	76.1045	79.9824	79.9824	79.9824
1297	76.0953	76.0953	76.0953	79.9666	79.9666	79.9666
1298	79.9232	95.7515	99.0795	79.9673	79.9673	79.9673
1299	82.1576	95.7045	99.4143	79.968	79.968	79.968
1300	83.5052	94.472	98.6254	79.9687	79.9687	79.9687
1301	84.378	94.3144	99.1269	79.9694	79.9694	79.9694
1302	84.9872	93.893	99.3646	79.9701	79.9701	79.9701
1303	85.4374	93.5898	99.6686	79.8906	79.8906	79.8906
1304	85.7813	93.1832	99.8641	79.7179	79.7179	79.7179
1305	86.0857	92.9084	100.139	79.5072	79.5072	79.5072
1306	86.3688	92.6308	100.401	79.2818	79.2818	79.2818
1307	86.6133	92.2441	100.621	79.0514	79.0514	79.0514
1308	86.8271	91.8028	100.809	78.8203	78.8203	78.8203
1309	87.0335	91.6992	100.847	78.5902	78.5902	78.5902
1310	87.2399	91.7514	100.821	78.3617	78.3617	78.3617
1311	87.6217	92.2075	101.636	78.136	78.136	78.136
1312	88.2191	93.0227	103.091	77.9137	77.9137	77.9137
1313	88.5892	93.1288	103.192	77.6933	77.6933	77.6933
1314	88.5125	92.369	101.849	77.4733	77.4733	77.4733
1315	88.2628	91.5895	100.618	77.2542	77.2542	77.2542
1316	88.1717	91.4098	100.371	77.0371	77.0371	77.0371
1317	88.1667	91.3235	100.223	76.8221	76.8221	76.8221
1318	88.2142	91.3119	100.159	76.609	76.609	76.609
1319	88.3093	91.4065	100.217	76.398	76.398	76.398
1320	88.4297	91.5263	100.303	76.1891	76.1891	76.1891
1321	88.5631	91.6593	100.406	75.9822	75.9822	75.9822
1322	88.6377	91.6263	100.263	75.7771	75.7771	75.7771
1323	88.5521	91.2292	99.603	75.5732	75.5732	75.5732
1324	88.3869	90.7826	98.9185	75.3705	75.3705	75.3705
1325	88.1873	90.332	98.2557	75.1691	75.1691	75.1691
1326	87.9746	89.8914	97.6226	74.9691	74.9691	74.9691
1327	87.7451	89.4307	96.9664	74.7705	74.7705	74.7705
1328	87.5003	88.9573	96.2999	74.5731	74.5731	74.5731
1329	87.3431	88.762	96.036	74.3775	74.3775	74.3775
1330	87.2329	88.6165	95.8237	74.1836	74.1836	74.1836
1331	87.1438	88.4894	95.6246	73.9915	73.9915	73.9915
1332	87.0614	88.3657	95.4229	73.801	73.801	73.801
1333	86.9782	88.2389	95.2136	73.6121	73.6121	73.6121

SIMULACIONES, CÁLCULOS Y GRÁFICAS

ALSTOM

00011328

1334	86.8911	88.1067	94.9963	73.4249	73.4249	73.4249
1335	86.7884	87.9292	94.726	73.2392	73.2392	73.2392
1336	86.6615	87.694	94.389	73.0551	73.0551	73.0551
1337	86.5138	87.4313	94.0182	72.8724	72.8724	72.8724
1338	86.3461	87.14	93.6109	72.6911	72.6911	72.6911
1339	86.1622	86.8307	93.1837	72.5112	72.5112	72.5112
1340	86.0229	86.6508	92.9804	72.3329	72.3329	72.3329
1341	85.932	86.5564	92.904	72.1563	72.1563	72.1563
1342	85.8676	86.4887	92.8541	71.9815	71.9815	71.9815
1343	85.818	86.4358	92.8185	71.8083	71.8083	71.8083
1344	85.7767	86.3913	92.7909	71.6368	71.6368	71.6368
1345	85.7373	86.3501	92.7544	71.4669	71.4669	71.4669
1346	85.699	86.31	92.7183	71.2986	71.2986	71.2986
1347	85.6615	86.2707	92.683	71.1319	71.1319	71.1319
1348	85.6247	86.2322	92.6484	70.9668	70.9668	70.9668
1349	85.5885	86.1943	92.6144	70.8033	70.8033	70.8033
1350	85.55	86.154	92.5686	70.6414	70.6414	70.6414
1351	85.5094	86.1116	92.5174	70.4809	70.4809	70.4809
1352	85.4676	86.0679	92.4643	70.322	70.322	70.322
1353	85.425	86.0232	92.4095	70.1646	70.1646	70.1646
1354	85.382	85.9779	92.3533	70.0086	70.0086	70.0086
1355	84.0481	85.5086	86.0738	71.7302	71.7302	79.0956
1356	83.2714	85.0704	85.2504	72.7878	72.7878	81.2249
1357	82.8127	84.9979	84.7706	73.5869	73.5869	83.1035
1358	82.5024	84.8452	84.4562	74.1248	74.1248	84.0601
1359	82.2402	84.481	84.1967	74.3805	74.3805	84.0448
1360	81.9693	83.8323	83.9425	74.311	74.311	82.9381
1361	81.7035	83.2299	83.717	74.0815	74.0815	81.6684
1362	81.4527	82.675	83.538	73.7537	73.7537	80.2587
1363	80.9831	81.6858	82.3987	72.9731	72.9731	76.8591
1364	80.4729	80.8011	81.4533	71.6303	71.6303	71.6303
1365	80.3726	80.8523	82.3014	70.9664	70.9664	70.9664
1366	82.0293	93.3293	85.1553	76.9975	76.9975	101.192
1367	82.9194	94.3181	85.9703	79.9711	79.9711	104.285
1368	83.3783	94.7909	86.349	81.616	81.616	105.927
1369	83.5603	94.7126	86.4442	82.5951	82.5951	106.544
1370	83.7358	94.6144	87.1271	83.1772	83.1772	106.386
1371	84.0649	94.7444	88.5385	83.4899	83.4899	105.655
1372	82.9526	85.8846	86.4114	80.6137	80.6137	90.3763
1373	81.8278	82.7223	84.4422	76.9634	76.9634	76.9634
1374	81.1625	82.0727	83.854	75.3035	75.3035	75.3035
1375	80.7286	81.6298	83.4345	74.4867	74.4867	74.4867
1376	80.421	81.313	83.1413	74.0277	74.0277	74.0277
1377	80.2342	81.0038	83.2068	73.7212	73.7212	73.7212
1378	80.0736	80.8317	83.0928	73.4803	73.4803	73.4803
1379	79.929	80.6775	82.9955	73.2681	73.2681	73.2681
1380	79.7905	80.5323	82.8898	73.0692	73.0692	73.0692
1381	79.6553	80.3912	82.7839	72.8769	72.8769	72.8769
1382	79.4821	80.2435	82.4846	72.6883	72.6883	72.6883
1383	79.32	80.0815	82.3225	72.5022	72.5022	72.5022
1384	79.1645	79.9259	82.1669	72.3182	72.3182	72.3182
1385	79.0129	79.7743	82.0154	72.1361	72.1361	72.1361
1386	78.864	79.6255	81.8665	71.9558	71.9558	71.9558
1387	78.7101	79.4789	81.6847	71.7771	71.7771	71.7771
1388	78.591	79.3342	81.6834	71.6002	71.6002	71.6002
1389	78.4624	79.2056	81.5548	71.4249	71.4249	71.4249

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1390	78.3291	79.0724	81.4216	71.2513	71.2513	71.2513
1391	78.2383	78.9591	81.5028	71.0794	71.0794	71.0794
1392	78.1286	78.8495	81.3919	70.9092	70.9092	70.9092
1393	79.5287	88.9966	84.3284	76.0123	76.0123	96.0947
1394	80.9594	91.888	87.5852	78.5375	78.5375	98.844
1395	82.2003	93.492	90.2674	79.596	79.596	98.7424
1396	82.6569	93.0781	90.1128	80.0107	80.0107	98.0113
1397	82.83	92.5991	90.2983	80.1184	80.1184	96.9347
1398	83.2262	93.3692	91.3936	80.0782	80.0782	95.7307
1399	83.5461	93.6451	91.9601	79.9436	79.9436	94.3999
1400	83.7004	93.4308	92.2666	79.7428	79.7428	92.9964
1401	83.9542	93.6494	93.4185	79.5014	79.5014	91.5997
1402	84.3203	94.4589	94.6891	79.2368	79.2368	90.2406
1403	84.6592	95.1721	95.7196	78.9202	78.9202	88.7451
1404	84.9571	95.8982	96.7785	78.5644	78.5644	87.2338
1405	84.8597	95.0527	96.2942	77.8244	77.8244	83.9909
1406	83.5708	89.7521	91.3008	75.9731	75.9731	75.9731
1407	82.9236	90.8017	91.9466	75.1595	75.1595	75.1595
1408	80.6234	80.6234	80.6234	74.7922	74.7922	74.7922
1409	79.3411	79.3411	79.3411	74.6237	74.6237	74.6237
1410	78.6243	78.6243	78.6243	74.5423	74.5423	74.5423
1411	78.2219	78.2219	78.2219	74.4989	74.4989	74.4989
1412	77.9941	77.9941	77.9941	74.4722	74.4722	74.4722
1413	77.8634	77.8634	77.8634	74.4528	74.4528	74.4528
1414	77.7866	77.7866	77.7866	74.4367	74.4367	74.4367
1415	77.7397	77.7397	77.7397	74.4219	74.4219	74.4219
1416	77.7095	77.7095	77.7095	74.4078	74.4078	74.4078
1417	77.6885	77.6885	77.6885	74.3939	74.3939	74.3939
1418	77.6727	77.6727	77.6727	74.3802	74.3802	74.3802
1419	77.6597	77.6597	77.6597	74.3665	74.3665	74.3665
1420	77.6483	77.6483	77.6483	74.3529	74.3529	74.3529
1421	77.6378	77.6378	77.6378	74.3393	74.3393	74.3393
1422	77.6278	77.6278	77.6278	74.3257	74.3257	74.3257
1423	77.6181	77.6181	77.6181	74.3121	74.3121	74.3121
1424	77.6085	77.6085	77.6085	74.2986	74.2986	74.2986
1425	81.4405	98.3348	101.484	74.3002	74.3002	74.3002
1426	83.677	98.2724	101.807	74.3017	74.3017	74.3017
1427	85.0263	97.2551	101.186	74.3032	74.3032	74.3032
1428	85.8917	96.283	100.804	74.3047	74.3047	74.3047
1429	86.4965	95.8462	101.034	74.3062	74.3062	74.3062
1430	86.9403	95.4049	101.23	74.2447	74.2447	74.2447
1431	87.2755	94.9838	101.416	74.1098	74.1098	74.1098
1432	87.5618	94.6051	101.617	73.9451	73.9451	73.9451
1433	87.8321	94.3184	101.873	73.7688	73.7688	73.7688
1434	88.0789	93.9684	102.098	73.5887	73.5887	73.5887
1435	88.2891	93.5217	102.281	73.408	73.408	73.408
1436	88.4831	93.2092	102.388	73.228	73.228	73.228
1437	88.678	93.2499	102.35	73.0494	73.0494	73.0494
1438	88.9354	93.4352	102.612	72.8726	72.8726	72.8726
1439	89.4556	94.1741	103.993	72.6986	72.6986	72.6986
1440	90.0471	94.8696	105.175	72.5271	72.5271	72.5271
1441	90.0823	94.1998	103.903	72.3557	72.3557	72.3557
1442	89.8241	93.291	102.438	72.1846	72.1846	72.1846
1443	89.6615	92.9288	101.912	72.0148	72.0148	72.0148
1444	89.6108	92.7871	101.702	71.8465	71.8465	71.8465
1445	89.623	92.7207	101.572	71.6798	71.6798	71.6798

1446	89.6951	92.7922	101.599	71.5147	71.5147	71.5147
1447	89.7993	92.8958	101.66	71.3512	71.3512	71.3512
1448	89.8855	92.9236	101.602	71.1892	71.1892	71.1892
1449	89.6793	92.1988	100.439	71.0276	71.0276	71.0276
1450	89.3039	91.3163	99.1282	70.8664	70.8664	70.8664
1451	88.8265	90.3425	97.735	70.7056	70.7056	70.7056
1452	88.476	89.8621	97.074	70.5459	70.5459	70.5459
1453	88.2184	89.5284	96.5962	70.3875	70.3875	70.3875
1454	88.0093	89.2451	96.1728	70.2304	70.2304	70.2304
1455	87.8139	88.9452	95.7329	70.0744	70.0744	70.0744
1456	87.6073	88.5871	95.2327	69.9196	69.9196	69.9196
1457	87.3914	88.2229	94.7291	69.7659	69.7659	69.7659
1458	87.1676	87.8538	94.2235	69.6133	69.6133	69.6133
1459	86.9934	87.6212	93.9511	69.462	69.462	69.462
1460	86.8814	87.5052	93.8559	69.3122	69.3122	69.3122
1461	86.8035	87.4235	93.7946	69.1639	69.1639	69.1639
1462	86.7446	87.3608	93.7518	69.017	69.017	69.017
1463	86.6944	87.3077	93.7107	68.8715	68.8715	68.8715
1464	86.6474	87.2587	93.6663	68.7273	68.7273	68.7273
1465	86.6025	87.2118	93.6238	68.5846	68.5846	68.5846
1466	86.5588	87.1662	93.5826	68.4432	68.4432	68.4432
1467	86.516	87.1216	93.5422	68.3031	68.3031	68.3031
1468	86.4703	87.0739	93.4865	68.1644	68.1644	68.1644
1469	86.4227	87.0243	93.4275	68.027	68.027	68.027
1470	86.374	86.9738	93.3678	67.8909	67.8909	67.8909
1471	86.325	86.9229	93.3078	67.756	67.756	67.756
1472	86.2758	86.8719	93.2479	67.6224	67.6224	67.6224
1473	84.7724	85.292	86.6054	67.4846	67.4846	67.4846
1474	83.8574	84.377	85.6904	67.348	67.348	67.348
1475	83.2621	83.7817	85.0951	67.2127	67.2127	67.2127
1476	82.841	83.3606	84.674	67.0786	67.0786	67.0786
1477	82.515	83.0346	84.348	66.9457	66.9457	66.9457
1478	82.2445	82.7559	84.0933	66.814	66.814	66.814
1479	81.9986	82.5182	83.8316	66.6836	66.6836	66.6836
1480	81.7698	82.2894	83.6028	66.5543	66.5543	66.5543
1481	81.5513	82.0699	83.3864	66.4262	66.4262	66.4262
1482	81.3384	81.8579	83.1715	66.2993	66.2993	66.2993
1483	81.1294	81.649	82.9624	66.1735	66.1735	66.1735
1484	80.9233	81.4429	82.7563	66.0489	66.0489	66.0489
1485	80.7194	81.239	82.5524	65.9254	65.9254	65.9254
1486	80.5174	81.0371	82.3504	65.803	65.803	65.803
1487	80.3171	80.8367	82.1501	65.6817	65.6817	65.6817
1488	80.1184	80.638	81.9513	65.5616	65.5616	65.5616
1489	79.9211	80.4407	81.7541	65.4425	65.4425	65.4425
1490	79.7253	80.2449	81.5583	65.3246	65.3246	65.3246
1491	79.5309	80.0505	81.3639	65.2077	65.2077	65.2077
1492	79.3379	79.8575	81.1709	65.0918	65.0918	65.0918
1493	79.1463	79.6659	80.9793	64.977	64.977	64.977
1494	78.9561	79.4757	80.7891	64.8633	64.8633	64.8633
1495	78.7673	79.2869	80.6003	64.7505	64.7505	64.7505
1496	78.5798	79.0994	80.4128	64.6389	64.6389	64.6389
1497	78.3937	78.9133	80.2267	64.5282	64.5282	64.5282
1498	78.2089	78.7285	80.0419	64.4185	64.4185	64.4185
1499	78.0255	78.5451	79.8585	64.3098	64.3098	64.3098
1500	77.8433	78.3629	79.6763	64.2021	64.2021	64.2021
1501	77.6625	78.1821	79.4955	64.0954	64.0954	64.0954

00011331

1502	77.483	78.0026	79.316	63.9896	63.9896	63.9896
1503	77.3048	77.8244	79.1378	63.8848	63.8848	63.8848
1504	77.1278	77.6474	78.9608	63.781	63.781	63.781
1505	76.9645	77.4585	78.8544	63.6781	63.6781	63.6781
1506	76.8444	77.2715	78.9317	63.5763	63.5763	63.5763
1507	76.7607	77.1368	79.0704	63.4757	63.4757	63.4757
1508	76.7085	77.0595	79.2628	63.3762	63.3762	63.3762
1509	76.6874	77.0298	79.514	63.2779	63.2779	63.2779
1510	76.6963	77.0401	79.8027	63.1808	63.1808	63.1808
1511	76.7319	77.0831	80.1251	63.0849	63.0849	63.0849
1512	76.6984	77.0497	80.0924	62.9899	62.9899	62.9899
1513	76.6277	76.979	80.0218	62.8958	62.8958	62.8958
1514	76.5372	76.8885	79.9313	62.8025	62.8025	62.8025
1515	76.3772	76.7231	79.5711	62.7099	62.7099	62.7099
1516	76.1637	76.5057	79.1379	62.6178	62.6178	62.6178
1517	75.9232	76.2675	78.6589	62.5264	62.5264	62.5264
1518	75.6711	76.0252	78.1858	62.4355	62.4355	62.4355
1519	75.4163	75.7922	77.7278	62.3453	62.3453	62.3453
1520	75.1635	75.5799	77.2877	62.2557	62.2557	62.2557
1521	74.9347	75.3779	76.9661	62.1668	62.1668	62.1668
1522	74.5245	75.1252	75.7347	62.9237	62.9237	66.2459
1523	76.2098	87.5368	79.316	68.8274	68.8274	93.0547
1524	77.1289	88.5319	80.1551	71.7823	71.7823	96.0952
1525	77.6171	89.0057	80.5613	73.4524	73.4524	97.725
1526	77.8184	88.8522	80.6719	74.4498	74.4498	98.2365
1527	78.1409	88.952	81.9498	75.0228	75.0228	97.8647
1528	78.5289	89.1124	83.2775	75.3533	75.3533	97.1028
1529	79.0786	89.7473	85.0465	75.5466	75.5466	96.1657
1530	80.133	91.691	88.3991	75.6584	75.6584	95.1468
1531	80.4921	91.171	88.1021	75.7095	75.7095	94.0692
1532	80.5863	90.5663	88.0503	75.7013	75.7013	92.8991
1533	80.7978	90.7486	88.6869	75.6437	75.6437	91.6794
1534	81.1876	91.4583	89.6672	75.5403	75.5403	90.4083
1535	81.3026	91.0658	89.5883	75.3808	75.3808	89.0315
1536	81.5321	91.2154	90.6911	75.1871	75.1871	87.6782
1537	81.8736	91.859	91.9299	74.9691	74.9691	86.351
1538	82.2456	92.6351	93.0854	74.7112	74.7112	84.9515
1539	82.5715	93.3429	94.0923	74.4035	74.4035	83.4591
1540	82.8667	94.1285	95.2563	74.0682	74.0682	82.0076
1541	81.8842	89.4156	90.8632	72.4912	72.4912	74.5886
1542	80.9545	88.3171	89.5846	71.2684	71.2684	71.2684
1543	80.5062	89.3588	90.2718	70.7306	70.7306	70.7306
1544	78.3108	78.3108	78.3108	70.4854	70.4854	70.4854
1545	77.087	77.087	77.087	70.3714	70.3714	70.3714
1546	76.4031	76.4031	76.4031	70.3148	70.3148	70.3148
1547	76.0192	76.0192	76.0192	70.2834	70.2834	70.2834
1548	75.8019	75.8019	75.8019	70.263	70.263	70.263
1549	75.6772	75.6772	75.6772	70.2475	70.2475	70.2475
1550	75.604	75.604	75.604	70.234	70.234	70.234
1551	75.5595	75.5595	75.5595	70.2215	70.2215	70.2215
1552	75.5308	75.5308	75.5308	70.2094	70.2094	70.2094
1553	75.5109	75.5109	75.5109	70.1975	70.1975	70.1975
1554	75.4959	75.4959	75.4959	70.1857	70.1857	70.1857
1555	75.4837	75.4837	75.4837	70.1739	70.1739	70.1739
1556	75.473	75.473	75.473	70.1622	70.1622	70.1622
1557	75.4631	75.4631	75.4631	70.1504	70.1504	70.1504

1558	75.4537	75.4537	75.4537	70.1387	70.1387	70.1387
1559	75.4446	75.4446	75.4446	70.127	70.127	70.127
1560	75.4356	75.4356	75.4356	70.1153	70.1153	70.1153
1561	79.2618	94.6527	98.0539	70.1174	70.1174	70.1174
1562	81.4952	94.5872	98.3731	70.1195	70.1195	70.1195
1563	82.8458	93.5977	97.8886	70.1215	70.1215	70.1215
1564	83.7205	93.4305	98.3878	70.1236	70.1236	70.1236
1565	84.3136	93.0304	98.6441	70.0748	70.0748	70.0748
1566	84.74	92.7074	98.9294	69.967	69.967	69.967
1567	85.0777	92.3146	99.138	69.835	69.835	69.835
1568	85.3824	92.0599	99.4265	69.6938	69.6938	69.6938
1569	85.6691	91.785	99.6966	69.5496	69.5496	69.5496
1570	85.9092	91.3688	99.9105	69.4048	69.4048	69.4048
1571	86.1242	90.932	100.103	69.2606	69.2606	69.2606
1572	86.3361	90.9613	100.089	69.1175	69.1175	69.1175
1573	86.5478	91.0189	100.068	68.9757	68.9757	68.9757
1574	87.0104	91.6535	101.251	68.8361	68.8361	68.8361
1575	87.6572	92.5176	102.753	68.699	68.699	68.699
1576	87.88	92.2351	102.141	68.5623	68.5623	68.5623
1577	87.728	91.4142	100.748	68.4256	68.4256	68.4256
1578	87.5228	90.8228	99.8308	68.2895	68.2895	68.2895
1579	87.4566	90.6651	99.604	68.1546	68.1546	68.1546
1580	87.4652	90.5867	99.46	68.021	68.021	68.021
1581	87.5345	90.6319	99.4565	67.8887	67.8887	67.8887
1582	87.6442	90.7409	99.5239	67.7577	67.7577	67.7577
1583	87.7753	90.8714	99.6143	67.628	67.628	67.628
1584	87.7358	90.533	99.0082	67.4989	67.4989	67.4989
1585	87.4868	89.8099	97.8844	67.3701	67.3701	67.3701
1586	87.1201	88.9885	96.6789	67.2415	67.2415	67.2415
1587	86.695	88.1453	95.4785	67.1134	67.1134	67.1134
1588	86.4152	87.7984	95.0047	66.9862	66.9862	66.9862
1589	86.2124	87.5303	94.6132	66.86	66.86	66.86
1590	86.0486	87.3019	94.2626	66.7348	66.7348	66.7348
1591	85.9037	87.0923	93.9339	66.6107	66.6107	66.6107
1592	85.7437	86.799	93.5154	66.4874	66.4874	66.4874
1593	85.5724	86.4967	93.0901	66.365	66.365	66.365
1594	85.3926	86.1891	92.6623	66.2435	66.2435	66.2435
1595	85.2066	85.8794	92.2365	66.1229	66.1229	66.1229
1596	85.0665	85.6945	92.023	66.0033	66.0033	66.0033
1597	84.9778	85.6026	91.9482	65.8849	65.8849	65.8849
1598	84.9174	85.5391	91.9011	65.7677	65.7677	65.7677
1599	84.8725	85.4912	91.869	65.6516	65.6516	65.6516
1600	84.8362	85.452	91.8451	65.5366	65.5366	65.5366
1601	84.8033	85.417	91.8193	65.4226	65.4226	65.4226
1602	84.7713	85.3834	91.7892	65.3098	65.3098	65.3098
1603	84.7398	85.3504	91.7597	65.1981	65.1981	65.1981
1604	84.7089	85.3179	91.7306	65.0874	65.0874	65.0874
1605	84.6784	85.286	91.702	64.9778	64.9778	64.9778
1606	84.6483	85.2545	91.6737	64.8692	64.8692	64.8692
1607	84.6173	85.222	91.6401	64.7616	64.7616	64.7616
1608	84.5841	85.1873	91.598	64.6551	64.6551	64.6551
1609	84.5497	85.1514	91.5548	64.5496	64.5496	64.5496
1610	84.5148	85.115	91.5112	64.445	64.445	64.445
1611	84.4796	85.0783	91.4674	64.3415	64.3415	64.3415
1612	84.4443	85.0416	91.4238	64.2389	64.2389	64.2389
1613	84.409	85.005	91.3803	64.1373	64.1373	64.1373

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1614	83.1072	83.4567	85.6867	64.0322	64.0322	64.0322
1615	82.3177	82.6672	84.8972	63.9282	63.9282	63.9282
1616	81.8067	82.1561	84.3861	63.825	63.825	63.825
1617	81.4472	81.7966	84.0266	63.7228	63.7228	63.7228
1618	82.804	94.1074	85.9275	70.0283	70.0283	94.227
1619	83.528	94.9278	86.5722	73.153	73.153	97.4665
1620	83.8939	95.3083	86.8548	74.8975	74.8975	99.208
1621	84.014	95.1098	86.8834	75.9327	75.9327	99.8042
1622	84.2173	95.0589	87.8375	76.5379	76.5379	99.5457
1623	84.541	95.1627	89.1804	76.8775	76.8775	98.7922
1624	84.9525	95.4921	90.5905	77.0675	77.0675	97.8435
1625	85.9374	97.4174	93.9635	77.1721	77.1721	96.813
1626	86.3473	97.1449	94.0453	77.2157	77.2157	95.7272
1627	86.4293	96.4959	93.8917	77.2012	77.2012	94.5565
1628	86.5541	96.426	94.331	77.1354	77.1354	93.3258
1629	86.9431	97.282	95.4487	77.0262	77.0262	92.0579
1630	87.0401	96.8715	95.3519	76.8601	76.8601	90.6746
1631	87.2049	96.897	96.2433	76.6573	76.6573	89.3039
1632	87.4845	97.4104	97.4194	76.4287	76.4287	87.9576
1633	87.8195	98.1611	98.5737	76.1652	76.1652	86.5669
1634	88.108	98.8135	99.512	75.848	75.848	85.0537
1635	88.3646	99.5605	100.637	75.5044	75.5044	83.5938
1636	87.5263	95.6048	97.01	74.0952	74.0952	77.029
1637	86.4945	93.6568	94.972	72.7403	72.7403	72.7403
1638	85.9887	94.641	95.6017	72.1445	72.1445	72.1445
1639	83.7621	83.7621	83.7621	71.8741	71.8741	71.8741
1640	82.5203	82.5203	82.5203	71.7491	71.7491	71.7491
1641	81.8257	81.8257	81.8257	71.6878	71.6878	71.6878
1642	81.4352	81.4352	81.4352	71.6543	71.6543	71.6543
1643	81.2136	81.2136	81.2136	71.633	71.633	71.633
1644	81.086	81.086	81.086	71.6171	71.6171	71.6171
1645	81.0105	81.0105	81.0105	71.6035	71.6035	71.6035
1646	80.964	80.964	80.964	71.5909	71.5909	71.5909
1647	80.9336	80.9336	80.9336	71.5788	71.5788	71.5788
1648	80.9121	80.9121	80.9121	71.567	71.567	71.567
1649	80.8957	80.8957	80.8957	71.5552	71.5552	71.5552
1650	80.882	80.882	80.882	71.5434	71.5434	71.5434
1651	80.8698	80.8698	80.8698	71.5317	71.5317	71.5317
1652	80.8585	80.8585	80.8585	71.52	71.52	71.52
1653	80.8477	80.8477	80.8477	71.5083	71.5083	71.5083
1654	80.8371	80.8371	80.8371	71.4966	71.4966	71.4966
1655	80.8267	80.8267	80.8267	71.4849	71.4849	71.4849
1656	84.6528	100.353	103.702	71.4863	71.4863	71.4863
1657	86.8812	100.28	103.99	71.4876	71.4876	71.4876
1658	88.2303	99.1223	103.324	71.4888	71.4888	71.4888
1659	89.1035	98.9535	103.821	71.4901	71.4901	71.4901
1660	89.6852	98.5028	104.035	71.4367	71.4367	71.4367
1661	90.0878	98.1559	104.296	71.3197	71.3197	71.3197
1662	90.3933	97.7124	104.46	71.1768	71.1768	71.1768
1663	90.6623	97.415	104.709	71.0239	71.0239	71.0239
1664	90.9132	97.1068	104.943	70.8677	70.8677	70.8677
1665	91.1208	96.6685	105.126	70.7109	70.7109	70.7109
1666	91.2998	96.1913	105.278	70.5548	70.5548	70.5548
1667	91.4746	96.1198	105.257	70.3999	70.3999	70.3999
1668	91.6495	96.1391	105.197	70.2463	70.2463	70.2463
1669	92.0448	96.6648	106.194	70.095	70.095	70.095

1670	92.6431	97.4849	107.666	69.9461	69.9461	69.9461
1671	92.8702	97.2669	107.208	69.7979	69.7979	69.7979
1672	92.6906	96.3919	105.739	69.65	69.65	69.65
1673	92.4457	95.7442	104.751	69.5027	69.5027	69.5027
1674	92.3418	95.5484	104.486	69.3568	69.3568	69.3568
1675	92.3137	95.4324	104.304	69.2122	69.2122	69.2122
1676	92.3482	95.4455	104.268	69.0691	69.0691	69.0691
1677	92.4234	95.52	104.3	68.9273	68.9273	68.9273
1678	92.5203	95.6163	104.355	68.7869	68.7869	68.7869
1679	92.3976	95.1134	103.52	68.6472	68.6472	68.6472
1680	92.0617	94.2641	102.237	68.5077	68.5077	68.5077
1681	91.6032	93.3086	100.861	68.3687	68.3687	68.3687
1682	91.1755	92.5927	99.8635	68.2303	68.2303	68.2303
1683	90.8707	92.2133	99.343	68.0931	68.0931	68.0931
1684	90.6307	91.9007	98.8932	67.9569	67.9569	67.9569
1685	88.9098	89.7418	91.6543	67.8168	67.8168	67.8168
1686	87.0971	87.1582	87.2524	67.6753	67.6753	67.6753
1687	85.9754	86.0366	86.1307	67.5352	67.5352	67.5352
1688	85.2296	85.2908	85.3849	67.3963	67.3963	67.3963
1689	84.6886	84.7498	84.8439	67.2587	67.2587	67.2587
1690	84.2597	84.3209	84.415	67.1224	67.1224	67.1224
1691	83.8925	83.9537	84.0478	66.9872	66.9872	66.9872
1692	83.5598	83.621	83.7151	66.8533	66.8533	66.8533
1693	83.2468	83.3079	83.402	66.7206	66.7206	66.7206
1694	82.9453	83.0065	83.1006	66.5891	66.5891	66.5891
1695	82.6511	82.7123	82.8064	66.4588	66.4588	66.4588
1696	82.3618	82.423	82.5171	66.3297	66.3297	66.3297
1697	82.0761	82.1372	82.2313	66.2018	66.2018	66.2018
1698	81.9256	82.2103	82.4786	66.3267	66.3267	67.3134
1699	81.5469	81.5528	81.5584	66.08	66.08	66.1005
1700	81.4542	81.7622	82.2361	65.8999	65.8999	65.8999
1701	81.5396	82.1623	83.1204	65.7541	65.7541	65.7541
1702	82.0959	82.8073	85.8864	65.625	65.625	65.625
1703	83.5104	84.6133	91.3744	65.5066	65.5066	65.5066
1704	84.1946	85.1639	91.7996	65.3915	65.3915	65.3915
1705	84.4821	85.3243	91.8406	65.2783	65.2783	65.2783
1706	84.554	85.2752	91.6777	65.1663	65.1663	65.1663
1707	84.5248	85.1542	91.4753	65.0554	65.0554	65.0554
1708	84.4975	85.1237	91.462	64.9456	64.9456	64.9456
1709	84.4717	85.0947	91.4499	64.837	64.837	64.837
1710	84.447	85.0669	91.4386	64.7294	64.7294	64.7294
1711	84.4232	85.04	91.428	64.6228	64.6228	64.6228
1712	84.3996	85.0136	91.415	64.5173	64.5173	64.5173
1713	84.374	84.9863	91.3915	64.4127	64.4127	64.4127
1714	84.3475	84.9581	91.3672	64.3092	64.3092	64.3092
1715	84.3207	84.9297	91.3425	64.2066	64.2066	64.2066
1716	84.2939	84.9013	91.3178	64.1051	64.1051	64.1051
1717	84.2674	84.8732	91.2933	64.0045	64.0045	64.0045
1718	84.2386	84.8427	91.2579	63.9048	63.9048	63.9048
1719	84.1172	84.6925	90.8152	63.8058	63.8058	63.8058
1720	84.4501	95.856	87.4594	70.1418	70.1418	94.4541
1721	84.584	95.8885	87.5067	73.2061	73.2061	97.3636
1722	84.5989	95.5491	87.5467	74.7667	74.7667	98.3657
1723	84.877	95.6243	89.0814	75.5259	75.5259	98.0201
1724	84.0916	88.9478	87.7353	73.8166	73.8166	87.4397
1725	83.0985	83.8031	86.6999	69.7603	69.7603	69.7603

1726	82.5309	83.2378	86.2687	67.97	67.97	67.97
1727	82.1981	82.9093	86.0718	67.1389	67.1389	67.1389
1728	81.9816	82.6976	85.9391	66.7143	66.7143	66.7143
1729	81.9204	82.6671	86.2692	66.4628	66.4628	66.4628
1730	81.8478	82.5995	86.2457	66.285	66.285	66.285
1731	81.7703	82.5269	86.2172	66.1391	66.1391	66.1391
1732	81.6912	82.4527	86.1872	66.0073	66.0073	66.0073
1733	81.6124	82.3788	86.1574	65.8823	65.8823	65.8823
1734	81.4638	82.2102	85.8098	65.7605	65.7605	65.7605
1735	81.3316	82.0781	85.6776	65.6408	65.6408	65.6408
1736	81.2087	81.9552	85.5547	65.5226	65.5226	65.5226
1737	81.0912	81.8377	85.4372	65.4057	65.4057	65.4057
1738	80.977	81.7235	85.323	65.2899	65.2899	65.2899
1739	80.865	81.6114	85.211	65.1753	65.1753	65.1753
1740	80.7545	81.5009	85.1004	65.0617	65.0617	65.0617
1741	80.6451	81.3916	84.9911	64.9492	64.9492	64.9492
1742	80.5368	81.2832	84.8828	64.8378	64.8378	64.8378
1743	80.4294	81.1758	84.7753	64.7274	64.7274	64.7274
1744	80.3095	81.0518	84.6099	64.6179	64.6179	64.6179
1745	80.1429	80.8698	84.2629	64.5093	64.5093	64.5093
1746	79.9885	82.2966	83.4529	66.4996	66.4996	74.6975
1747	81.4679	91.9825	87.0425	70.8089	70.8089	91.6151
1748	83.0915	94.6126	91.2306	72.6511	72.6511	92.2382
1749	83.7847	94.4729	91.401	73.4219	73.4219	91.793
1750	84.0371	93.9795	91.5018	73.7062	73.7062	90.8355
1751	84.3682	94.3867	92.3561	73.7623	73.7623	89.662
1752	84.7446	94.9292	93.1913	73.695	73.695	88.3565
1753	84.8843	94.6196	93.3357	73.5451	73.5451	86.9489
1754	85.125	94.7928	94.4948	73.3531	73.3531	85.5723
1755	85.4782	95.5744	95.7638	73.1386	73.1386	84.244
1756	85.8171	96.3009	96.8255	72.8759	72.8759	82.7988
1757	86.1119	97.0173	97.8701	72.572	72.572	81.3227
1758	86.0975	96.5541	97.7752	71.9692	71.9692	78.5388
1759	84.8094	91.1657	92.7043	70.1527	70.1527	70.4537
1760	84.0777	91.8743	93.0386	69.2629	69.2629	69.2629
1761	83.739	93.028	93.8372	68.8712	68.8712	68.8712
1762	81.6016	81.6016	81.6016	68.6911	68.6911	68.6911
1763	80.4096	80.4096	80.4096	68.6063	68.6063	68.6063
1764	79.743	79.743	79.743	68.5633	68.5633	68.5633
1765	79.3682	79.3682	79.3682	68.5387	68.5387	68.5387
1766	79.1557	79.1557	79.1557	68.522	68.522	68.522
1767	79.0333	79.0333	79.0333	68.5088	68.5088	68.5088
1768	78.9609	78.9609	78.9609	68.4972	68.4972	68.4972
1769	78.9164	78.9164	78.9164	68.4862	68.4862	68.4862
1770	78.8874	78.8874	78.8874	68.4756	68.4756	68.4756
1771	78.8669	78.8669	78.8669	68.4651	68.4651	68.4651
1772	78.8512	78.8512	78.8512	68.4546	68.4546	68.4546
1773	78.8382	78.8382	78.8382	68.4442	68.4442	68.4442
1774	78.8267	78.8267	78.8267	68.4338	68.4338	68.4338
1775	78.8159	78.8159	78.8159	68.4234	68.4234	68.4234
1776	78.8057	78.8057	78.8057	68.413	68.413	68.413
1777	78.7956	78.7956	78.7956	68.4027	68.4027	68.4027
1778	78.7858	78.7858	78.7858	68.3923	68.3923	68.3923
1779	82.6017	97.3332	100.806	68.394	68.394	68.394
1780	84.8353	97.2581	101.156	68.3958	68.3958	68.3958
1781	86.1905	96.6627	101.132	68.3975	68.3975	68.3975

00011336

1782	87.0673	96.5088	101.638	68.3992	68.3992	68.3992
1783	87.6585	96.1965	101.962	68.3554	68.3554	68.3554
1784	88.0706	95.859	102.226	68.2586	68.2586	68.2586
1785	88.3936	95.501	102.45	68.1403	68.1403	68.1403
1786	88.6797	95.2314	102.72	68.0136	68.0136	68.0136
1787	88.9374	94.9093	102.96	67.8842	67.8842	67.8842
1788	89.1509	94.4681	103.147	67.7544	67.7544	67.7544
1789	89.3419	94.0881	103.277	67.6251	67.6251	67.6251
1790	89.5323	94.1242	103.235	67.4967	67.4967	67.4967
1791	89.7468	94.2179	103.31	67.3696	67.3696	67.3696
1792	90.2391	94.9293	104.665	67.2446	67.2446	67.2446
1793	90.8915	95.7954	106.16	67.1217	67.1217	67.1217
1794	90.9666	95.1728	104.951	66.9988	66.9988	66.9988
1795	90.7263	94.2752	103.492	66.876	66.876	66.876
1796	90.5307	93.8105	102.803	66.7539	66.7539	66.7539
1797	90.4597	93.6489	102.573	66.6329	66.6329	66.6329
1798	90.4558	93.5595	102.419	66.5131	66.5131	66.5131
1799	90.5144	93.6116	102.428	66.3944	66.3944	66.3944
1800	90.6084	93.705	102.481	66.2769	66.2769	66.2769
1801	90.7211	93.8172	102.555	66.1606	66.1606	66.1606
1802	90.64	93.4012	101.846	66.0448	66.0448	66.0448
1803	90.3749	92.6905	100.759	65.9293	65.9293	65.9293
1804	90.0081	91.8997	99.6097	65.8141	65.8141	65.8141
1805	89.6052	91.128	98.5263	65.6994	65.6994	65.6994
1806	89.31	90.7196	97.9759	65.5854	65.5854	65.5854
1807	88.5877	89.6384	95.3558	65.4709	65.4709	65.4709
1808	87.2694	87.9758	90.9784	65.3546	65.3546	65.3546
1809	86.4327	87.1383	89.9845	65.2393	65.2393	65.2393
1810	85.8994	86.6049	89.4511	65.125	65.125	65.125
1811	85.5312	86.2367	89.0829	65.0118	65.0118	65.0118
1812	85.253	85.9586	88.8047	64.8997	64.8997	64.8997
1813	85.0243	85.7298	88.576	64.7886	64.7886	64.7886
1814	84.8204	85.5263	88.3628	64.6785	64.6785	64.6785
1815	84.6145	85.3227	88.0893	64.5693	64.5693	64.5693
1816	84.4071	85.1176	87.8143	64.4611	64.4611	64.4611
1817	84.1899	84.9071	87.495	64.3539	64.3539	64.3539
1818	83.9725	84.6967	87.1963	64.2475	64.2475	64.2475
1819	83.7982	84.5148	87.1107	64.1422	64.1422	64.1422
1820	83.6096	84.3318	86.8576	64.0378	64.0378	64.0378
1821	83.4129	84.1407	86.5964	63.9343	63.9343	63.9343
1822	83.2204	83.9513	86.3736	63.8318	63.8318	63.8318
1823	82.9985	83.76	86.001	63.7301	63.7301	63.7301
1824	82.7987	83.5601	85.8012	63.6293	63.6293	63.6293
1825	82.6113	83.3727	85.6138	63.5294	63.5294	63.5294
1826	82.4313	83.1927	85.4338	63.4305	63.4305	63.4305
1827	82.2558	83.0172	85.2583	63.3324	63.3324	63.3324
1828	82.0833	82.8448	85.0858	63.2353	63.2353	63.2353
1829	83.7104	94.1623	88.8361	68.7109	68.7109	89.8897
1830	85.1784	96.2691	92.2159	71.1019	71.1019	91.2126
1831	86.2545	97.3934	94.2096	72.1389	72.1389	91.091
1832	86.6351	96.9458	94.093	72.5783	72.5783	90.3779
1833	86.7528	96.4131	94.2226	72.7313	72.7313	89.3473
1834	87.1836	97.4259	95.494	72.7459	72.7459	88.2013
1835	87.4267	97.439	95.8076	72.666	72.666	86.9143
1836	87.5727	97.2922	96.2918	72.5248	72.5248	85.581
1837	87.82	97.5908	97.4385	72.3452	72.3452	84.257

SIMULACIONES, CÁLCULOS Y GRÁFICAS

ALSTOM

00011337

1838	88.1715	98.3856	98.6944	72.1399	72.1399	82.9573
1839	88.471	99.0447	99.64	71.877	71.877	81.4973
1840	88.734	99.7588	100.704	71.5799	71.5799	80.0589
1841	88.3733	97.8723	99.1676	70.6749	70.6749	75.7805
1842	87.1542	93.7584	95.2064	69.0247	69.0247	69.0247
1843	86.5444	94.6766	95.761	68.3002	68.3002	68.3002
1844	84.263	84.263	84.263	67.9749	67.9749	67.9749
1845	82.9907	82.9907	82.9907	67.8268	67.8268	67.8268
1846	82.2792	82.2792	82.2792	67.7565	67.7565	67.7565
1847	81.8792	81.8792	81.8792	67.7201	67.7201	67.7201
1848	81.6523	81.6523	81.6523	67.6985	67.6985	67.6985
1849	81.5217	81.5217	81.5217	67.6835	67.6835	67.6835
1850	81.4444	81.4444	81.4444	67.6714	67.6714	67.6714
1851	81.3969	81.3969	81.3969	67.6605	67.6605	67.6605
1852	81.3659	81.3659	81.3659	67.6501	67.6501	67.6501
1853	81.3441	81.3441	81.3441	67.64	67.64	67.64
1854	81.3274	81.3274	81.3274	67.63	67.63	67.63
1855	81.3135	81.3135	81.3135	67.6201	67.6201	67.6201
1856	81.3011	81.3011	81.3011	67.6102	67.6102	67.6102
1857	81.2897	81.2897	81.2897	67.6003	67.6003	67.6003
1858	81.2787	81.2787	81.2787	67.5904	67.5904	67.5904
1859	81.268	81.268	81.268	67.5805	67.5805	67.5805
1860	81.2575	81.2575	81.2575	67.5707	67.5707	67.5707
1861	85.0869	101.589	104.804	67.5724	67.5724	67.5724
1862	87.3157	101.517	105.083	67.5741	67.5741	67.5741
1863	88.6654	100.397	104.41	67.5757	67.5757	67.5757
1864	89.5348	99.751	104.387	67.5774	67.5774	67.5774
1865	90.1428	99.3207	104.623	67.5791	67.5791	67.5791
1866	90.5774	98.907	104.835	67.5378	67.5378	67.5378
1867	90.8982	98.4788	105.015	67.4465	67.4465	67.4465
1868	91.1678	98.1157	105.22	67.3349	67.3349	67.3349
1869	91.4167	97.8054	105.452	67.2155	67.2155	67.2155
1870	91.6344	97.4112	105.648	67.0934	67.0934	67.0934
1871	91.8174	96.9385	105.805	66.9709	66.9709	66.9709
1872	91.9875	96.6885	105.854	66.8489	66.8489	66.8489
1873	92.158	96.7074	105.796	66.7278	66.7278	66.7278
1874	92.4249	96.9507	106.203	66.6081	66.6081	66.6081
1875	92.929	97.6647	107.534	66.4904	66.4904	66.4904
1876	93.4681	98.2715	108.56	66.3743	66.3743	66.3743
1877	93.4901	97.636	107.363	66.2583	66.2583	66.2583
1878	93.2404	96.7814	105.991	66.1423	66.1423	66.1423
1879	93.0375	96.3237	105.321	66.0272	66.0272	66.0272
1880	92.9566	96.1596	105.094	65.9131	65.9131	65.9131
1881	92.9415	96.0653	104.94	65.8	65.8	65.8
1882	92.9788	96.0762	104.906	65.6881	65.6881	65.6881
1883	93.0529	96.1498	104.942	65.5772	65.5772	65.5772
1884	93.1467	96.243	104.998	65.4675	65.4675	65.4675
1885	93.1916	96.19	104.835	65.3586	65.3586	65.3586
1886	92.9894	95.5337	103.795	65.25	65.25	65.25
1887	92.6381	94.7281	102.606	65.1417	65.1417	65.1417
1888	92.2	93.8508	101.357	65.0336	65.0336	65.0336
1889	91.8152	93.2359	100.513	64.9261	64.9261	64.9261
1890	91.5459	92.9074	100.073	64.8195	64.8195	64.8195
1891	91.3412	92.6488	99.7124	64.7138	64.7138	64.7138
1892	91.1737	92.4329	99.4047	64.6089	64.6089	64.6089
1893	91.029	92.2448	99.1347	64.505	64.505	64.505




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SIMULACIONES, CÁLCULOS Y GRÁFICAS

ALSTOM

00011338

1894	90.8938	92.0549	98.8707	64.4019	64.4019	64.4019
1895	90.7588	91.8483	98.5969	64.2996	64.2996	64.2996
1896	90.6275	91.6547	98.3447	64.1982	64.1982	64.1982
1897	90.4978	91.4653	98.0993	64.0977	64.0977	64.0977
1898	90.3679	91.277	97.856	63.998	63.998	63.998
1899	90.2337	91.0803	97.6005	63.8992	63.8992	63.8992
1900	90.0907	90.8669	97.3212	63.8012	63.8012	63.8012
1901	89.936	90.6344	97.0155	63.7039	63.7039	63.7039
1902	90.1097	101.004	93.4035	69.7589	69.7589	93.0538
1903	90.4373	101.116	94.9148	72.4138	72.4138	94.5735
1904	90.7442	101.149	96.0054	73.5904	73.5904	94.5643
1905	91.6524	102.995	99.3288	74.1227	74.1227	93.9298
1906	92.1432	103.057	99.9279	74.3611	74.3611	93.0219
1907	92.2294	102.38	99.6903	74.4479	74.4479	91.9561
1908	92.2785	102.075	99.9463	74.4419	74.4419	90.7825
1909	92.6576	103.034	101.162	74.377	74.377	89.5656
1910	92.7441	102.642	101.081	74.2477	74.2477	88.2208
1911	92.8487	102.554	101.767	74.0763	74.0763	86.8756
1912	93.0704	102.935	102.89	73.8747	73.8747	85.5446
1913	93.3698	103.665	104.041	73.6429	73.6429	84.2011
1914	93.6209	104.273	104.929	73.3547	73.3547	82.7123
1915	93.8396	104.972	105.999	73.0382	73.0382	81.2731
1916	93.1404	101.749	103.113	71.8272	71.8272	75.5718
1917	92.0089	98.977	100.338	70.3689	70.3689	70.3689
1918	91.4472	99.9053	100.912	69.7282	69.7282	69.7282
1919	89.1899	89.1899	89.1899	69.4395	69.4395	69.4395
1920	87.9305	87.9305	87.9305	69.3075	69.3075	69.3075
1921	87.2255	87.2255	87.2255	69.244	69.244	69.244
1922	86.8285	86.8285	86.8285	69.2105	69.2105	69.2105
1923	86.6028	86.6028	86.6028	69.1901	69.1901	69.1901
1924	86.4722	86.4722	86.4722	69.1755	69.1755	69.1755
1925	86.3944	86.3944	86.3944	69.1635	69.1635	69.1635
1926	86.346	86.346	86.346	69.1525	69.1525	69.1525
1927	86.3139	86.3139	86.3139	69.142	69.142	69.142
1928	86.2909	86.2909	86.2909	69.1318	69.1318	69.1318
1929	86.2729	86.2729	86.2729	69.1216	69.1216	69.1216
1930	86.2578	86.2578	86.2578	69.1115	69.1115	69.1115
1931	86.2442	86.2442	86.2442	69.1014	69.1014	69.1014
1932	86.2314	86.2314	86.2314	69.0914	69.0914	69.0914
1933	86.2192	86.2192	86.2192	69.0813	69.0813	69.0813
1934	86.2072	86.2072	86.2072	69.0712	69.0712	69.0712
1935	86.1954	86.1954	86.1954	69.0612	69.0612	69.0612
1936	90.0123	106.008	109.256	69.0623	69.0623	69.0623
1937	92.2481	105.949	109.633	69.0633	69.0633	69.0633
1938	93.5949	104.688	108.809	69.0644	69.0644	69.0644
1939	94.4655	104.451	109.232	69.0654	69.0654	69.0654
1940	95.0747	104.026	109.474	69.0665	69.0665	69.0665
1941	95.5012	103.667	109.728	69.0203	69.0203	69.0203
1942	95.8017	103.218	109.887	68.9193	68.9193	68.9193
1943	96.0479	102.873	110.096	68.796	68.796	68.796
1944	96.2689	102.536	110.302	68.664	68.664	68.664
1945	96.4472	102.08	110.455	68.5291	68.5291	68.5291
1946	96.593	101.57	110.575	68.3937	68.3937	68.3937
1947	96.7306	101.397	110.545	68.259	68.259	68.259
1948	96.868	101.38	110.45	68.1252	68.1252	68.1252
1949	97.1802	101.765	111.193	67.9931	67.9931	67.9931

SIMULACIONES, CÁLCULOS Y GRÁFICAS

ALSTOM

00011333

1950	97.7085	102.512	112.579	67.8631	67.8631	67.8631
1951	98.0129	102.556	112.622	67.7342	67.7342	67.7342
1952	97.8751	101.744	111.235	67.6054	67.6054	67.6054
1953	97.5558	100.885	109.916	67.4771	67.4771	67.4771
1954	97.3966	100.638	109.601	67.3499	67.3499	67.3499
1955	97.3243	100.483	109.384	67.2239	67.2239	67.2239
1956	97.305	100.403	109.25	67.099	67.099	67.099
1957	97.3342	100.431	109.241	66.9754	66.9754	66.9754
1958	97.3895	100.486	109.26	66.853	66.853	66.853
1959	97.4587	100.555	109.296	66.7318	66.7318	66.7318
1960	97.3982	100.269	108.807	66.6114	66.6114	66.6114
1961	97.1708	99.6708	107.895	66.4916	66.4916	66.4916
1962	96.8549	99.0078	106.939	66.3723	66.3723	66.3723
1963	96.4878	98.3072	105.956	66.2536	66.2536	66.2536
1964	96.0884	97.5851	104.961	66.1355	66.1355	66.1355
1965	95.7897	97.2005	104.459	66.0183	66.0183	66.0183
1966	95.5629	96.9251	104.092	65.9022	65.9022	65.9022
1967	95.3739	96.6889	103.766	65.787	65.787	65.787
1968	95.2044	96.4735	103.464	65.6728	65.6728	65.6728
1969	95.0446	96.269	103.175	65.5595	65.5595	65.5595
1970	94.8849	96.0532	102.876	65.4472	65.4472	65.4472
1971	94.7121	95.7891	102.526	65.3359	65.3359	65.3359
1972	94.5305	95.5182	102.171	65.2254	65.2254	65.2254
1973	94.3424	95.2426	101.813	65.1158	65.1158	65.1158
1974	94.1494	94.9638	101.454	65.0072	65.0072	65.0072
1975	93.9522	94.6826	101.094	64.8994	64.8994	64.8994
1976	93.7514	94.3997	100.734	64.7925	64.7925	64.7925
1977	93.5883	94.2168	100.543	64.6865	64.6865	64.6865
1978	93.4573	94.0836	100.421	64.5816	64.5816	64.5816
1979	93.3442	93.9684	100.317	64.4777	64.4777	64.4777
1980	93.2412	93.8633	100.223	64.3748	64.3748	64.3748
1981	93.1443	93.7643	100.135	64.2729	64.2729	64.2729
1982	93.0512	93.6691	100.051	64.1719	64.1719	64.1719
1983	92.9605	93.5764	99.969	64.072	64.072	64.072
1984	92.8711	93.4852	99.8863	63.9729	63.9729	63.9729
1985	92.7813	93.3943	99.798	63.8748	63.8748	63.8748
1986	92.6917	93.3036	99.7098	63.7777	63.7777	63.7777
1987	92.6025	93.2134	99.6218	63.6814	63.6814	63.6814
1988	92.5138	93.1237	99.5345	63.5861	63.5861	63.5861
1989	92.7521	104.159	95.7529	69.9253	69.9253	94.2372
1990	92.7977	104.049	95.7068	72.9725	72.9725	97.057
1991	92.7938	103.712	95.9426	74.4977	74.4977	97.9201
1992	93.0284	103.744	97.3987	75.2413	75.2413	97.5633
1993	93.2736	103.72	98.4162	75.6105	75.6105	96.7637
1994	94.037	105.222	101.315	75.8	75.8	95.7965
1995	94.6084	105.671	102.505	75.8911	75.8911	94.7436
1996	94.7041	104.963	102.163	75.9137	75.9137	93.619
1997	94.6739	104.372	102.201	75.8762	75.8762	92.4106
1998	94.9991	105.278	103.363	75.7949	75.7949	91.1774
1999	95.13	105.113	103.5	75.6583	75.6583	89.8361
2000	95.2054	104.921	103.973	75.4782	75.4782	88.472
2001	95.3926	105.186	105.058	75.2672	75.2672	87.1225
2002	95.6848	105.92	106.249	75.0321	75.0321	85.7923
2003	95.9241	106.516	107.125	74.7397	74.7397	84.2993
2004	96.1299	107.179	108.143	74.415	74.415	82.8377
2005	95.6453	104.939	106.25	73.4168	73.4168	78.2084

SIMULACIONES, CÁLCULOS Y GRÁFICAS

ALSTOM

00011340

2006	94.4119	101.129	102.55	71.7955	71.7955	71.7955
2007	93.7931	102	103.067	71.0833	71.0833	71.0833
2008	91.5054	91.5054	91.5054	70.7634	70.7634	70.7634
2009	90.2288	90.2288	90.2288	70.6176	70.6176	70.6176
2010	89.514	89.514	89.514	70.548	70.548	70.548
2011	89.1114	89.1114	89.1114	70.5118	70.5118	70.5118
2012	88.8822	88.8822	88.8822	70.4902	70.4902	70.4902
2013	88.7494	88.7494	88.7494	70.475	70.475	70.475
2014	88.6701	88.6701	88.6701	70.4627	70.4627	70.4627
2015	88.6206	88.6206	88.6206	70.4515	70.4515	70.4515
2016	88.5877	88.5877	88.5877	70.4409	70.4409	70.4409
2017	88.5639	88.5639	88.5639	70.4305	70.4305	70.4305
2018	88.5453	88.5453	88.5453	70.4203	70.4203	70.4203
2019	88.5295	88.5295	88.5295	70.41	70.41	70.41
2020	88.5152	88.5152	88.5152	70.3999	70.3999	70.3999
2021	88.5019	88.5019	88.5019	70.3897	70.3897	70.3897
2022	88.489	88.489	88.489	70.3795	70.3795	70.3795
2023	88.4764	88.4764	88.4764	70.3694	70.3694	70.3694
2024	88.464	88.464	88.464	70.3592	70.3592	70.3592
2025	92.291	108.677	111.912	70.3597	70.3597	70.3597
2026	94.5234	108.611	112.23	70.3602	70.3602	70.3602
2027	95.8686	107.453	111.491	70.3607	70.3607	70.3607
2028	96.7347	106.896	111.564	70.3611	70.3611	70.3611
2029	97.3409	106.466	111.803	70.3616	70.3616	70.3616
2030	97.7612	106.053	112.012	70.3112	70.3112	70.3112
2031	98.0507	105.593	112.16	70.2017	70.2017	70.2017
2032	98.2807	105.2	112.332	70.0681	70.0681	70.0681
2033	98.485	104.845	112.52	69.9251	69.9251	69.9251
2034	98.6539	104.399	112.668	69.7791	69.7791	69.7791
2035	98.7871	103.877	112.774	69.6326	69.6326	69.6326
2036	98.9082	103.603	112.765	69.4867	69.4867	69.4867
2037	99.0294	103.574	112.661	69.3418	69.3418	69.3418
2038	99.2508	103.779	113.04	69.1986	69.1986	69.1986
2039	99.7019	104.436	114.299	69.0574	69.0574	69.0574
2040	100.207	105.036	115.348	68.9181	68.9181	68.9181
2041	100.202	104.396	114.164	68.7792	68.7792	68.7792
2042	99.9363	103.559	112.838	68.6407	68.6407	68.6407
2043	99.6656	102.972	111.985	68.5031	68.5031	68.5031
2044	99.53	102.764	111.722	68.3669	68.3669	68.3669
2045	99.4681	102.635	111.543	68.2318	68.2318	68.2318
2046	99.4466	102.553	111.416	68.0981	68.0981	68.0981
2047	99.4638	102.561	111.393	67.9656	67.9656	67.9656
2048	99.5047	102.602	111.407	67.8345	67.8345	67.8345
2049	99.5581	102.655	111.436	67.7046	67.7046	67.7046
2050	99.6182	102.714	111.472	67.576	67.576	67.576
2051	99.6817	102.778	111.512	67.4487	67.4487	67.4487
2052	99.6287	102.53	111.094	67.3222	67.3222	67.3222
2053	99.4577	102.086	110.418	67.1966	67.1966	67.1966
2054	99.2189	101.582	109.691	67.0717	67.0717	67.0717
2055	98.9395	101.046	108.938	66.9477	66.9477	66.9477
2056	98.6345	100.493	108.174	66.8244	66.8244	66.8244
2057	98.3123	99.9297	107.408	66.7019	66.7019	66.7019
2058	98.0094	99.4525	106.772	66.5803	66.5803	66.5803
2059	97.7875	99.1957	106.449	66.4597	66.4597	66.4597
2060	97.609	98.9836	106.174	66.3403	66.3403	66.3403
2061	97.4539	98.7964	105.926	66.2219	66.2219	66.2219

2732

SIMULACIONES, CÁLCULOS Y GRÁFICAS

ALSTOM

00011341

2062	97.311	98.6221	105.692	66.1045	66.1045	66.1045
2063	97.1734	98.4534	105.465	65.9882	65.9882	65.9882
2064	97.0379	98.2874	105.241	65.8729	65.8729	65.8729
2065	96.9025	98.1217	105.018	65.7587	65.7587	65.7587
2066	96.7657	97.9524	104.792	65.6454	65.6454	65.6454
2067	96.6171	97.7415	104.523	65.5331	65.5331	65.5331
2068	96.461	97.524	104.248	65.4218	65.4218	65.4218
2069	96.2996	97.3023	103.969	65.3115	65.3115	65.3115
2070	96.1345	97.0779	103.689	65.2021	65.2021	65.2021
2071	95.963	96.8429	103.395	65.0936	65.0936	65.0936
2072	95.7816	96.5903	103.075	64.9861	64.9861	64.9861
2073	95.5883	96.3182	102.729	64.8794	64.8794	64.8794
2074	95.3816	96.0253	102.355	64.7736	64.7736	64.7736
2075	95.2136	95.8415	102.171	64.6688	64.6688	64.6688
2076	95.0758	95.7009	102.045	64.5651	64.5651	64.5651
2077	94.9556	95.5776	101.938	64.4623	64.4623	64.4623
2078	95.1147	106.315	98.0109	70.7114	70.7114	94.7267
2079	95.1973	106.099	98.4449	73.5849	73.5849	96.9203
2080	95.4551	106.161	99.8525	74.9097	74.9097	97.1907
2081	95.7007	106.146	100.845	75.5344	75.5344	96.6855
2082	96.4407	107.606	103.669	75.8389	75.8389	95.8592
2083	97.0164	108.107	104.935	75.9826	75.9826	94.873
2084	97.1019	107.385	104.56	76.0298	76.0298	93.779
2085	97.0414	106.718	104.537	76.003	76.003	92.5805
2086	97.3417	107.599	105.674	75.927	75.927	91.3525
2087	97.4695	107.471	105.846	75.7937	75.7937	90.0171
2088	97.5255	107.244	106.26	75.6152	75.6152	88.6522
2089	97.6922	107.469	107.324	75.4048	75.4048	87.301
2090	97.9677	108.188	108.503	75.171	75.171	85.9739
2091	98.1926	108.771	109.37	74.8802	74.8802	84.4846
2092	98.3834	109.415	110.364	74.5559	74.5559	83.0203
2093	97.934	107.38	108.679	73.6073	73.6073	78.6312
2094	96.6684	103.305	104.745	71.9514	71.9514	71.9514
2095	96.0316	104.183	105.263	71.2241	71.2241	71.2241
2096	93.734	93.734	93.734	70.8977	70.8977	70.8977
2097	92.4516	92.4516	92.4516	70.7492	70.7492	70.7492
2098	91.7333	91.7333	91.7333	70.6786	70.6786	70.6786
2099	91.3285	91.3285	91.3285	70.642	70.642	70.642
2100	91.0978	91.0978	91.0978	70.6203	70.6203	70.6203
2101	90.964	90.964	90.964	70.6052	70.6052	70.6052
2102	90.8839	90.8839	90.8839	70.593	70.593	70.593
2103	90.8336	90.8336	90.8336	70.582	70.582	70.582
2104	90.8	90.8	90.8	70.5716	70.5716	70.5716
2105	90.7756	90.7756	90.7756	70.5614	70.5614	70.5614
2106	90.7564	90.7564	90.7564	70.5513	70.5513	70.5513
2107	90.74	90.74	90.74	70.5413	70.5413	70.5413
2108	90.7251	90.7251	90.7251	70.5313	70.5313	70.5313
2109	90.7112	90.7112	90.7112	70.5213	70.5213	70.5213
2110	90.6978	90.6978	90.6978	70.5113	70.5113	70.5113
2111	90.6846	90.6846	90.6846	70.5013	70.5013	70.5013
2112	90.6716	90.6716	90.6716	70.4914	70.4914	70.4914
2113	90.6587	90.6587	90.6587	70.4814	70.4814	70.4814
2114	90.6458	90.6458	90.6458	70.4715	70.4715	70.4715
2115	90.6329	90.6329	90.6329	70.4615	70.4615	70.4615
2116	90.6201	90.6201	90.6201	70.4516	70.4516	70.4516
2117	90.6073	90.6073	90.6073	70.4416	70.4416	70.4416

ANEXO 1E
SIMULACIONES, CÁLCULOS Y GRÁFICAS

INVERTER TEMPERAT-EBRCL13.xls

ALSTOM

00011342

2118	90.5945	90.5945	90.5945	70.4317	70.4317	70.4317
2119	90.5817	90.5817	90.5817	70.4218	70.4218	70.4218
2120	90.5689	90.5689	90.5689	70.4119	70.4119	70.4119
2121	90.5561	90.5561	90.5561	70.402	70.402	70.402
2122	90.5433	90.5433	90.5433	70.3921	70.3921	70.3921
2123	90.5305	90.5305	90.5305	70.3822	70.3822	70.3822
2124	90.5177	90.5177	90.5177	70.3723	70.3723	70.3723
2125	90.5049	90.5049	90.5049	70.3624	70.3624	70.3624
2126	90.4921	90.4921	90.4921	70.3526	70.3526	70.3526
2127	90.4794	90.4794	90.4794	70.3427	70.3427	70.3427
2128	90.4666	90.4666	90.4666	70.3329	70.3329	70.3329
2129	90.4538	90.4538	90.4538	70.323	70.323	70.323
2130	90.441	90.441	90.441	70.3132	70.3132	70.3132
2131	90.4283	90.4283	90.4283	70.3033	70.3033	70.3033
2132	90.4155	90.4155	90.4155	70.2935	70.2935	70.2935
2133	90.4028	90.4028	90.4028	70.2837	70.2837	70.2837
2134	90.39	90.39	90.39	70.2738	70.2738	70.2738
2135	90.3773	90.3773	90.3773	70.264	70.264	70.264
2136	90.3645	90.3645	90.3645	70.2542	70.2542	70.2542
2137	90.3518	90.3518	90.3518	70.2444	70.2444	70.2444
2138	90.339	90.339	90.339	70.2346	70.2346	70.2346
2139	90.3263	90.3263	90.3263	70.2248	70.2248	70.2248
2140	90.3136	90.3136	90.3136	70.215	70.215	70.215
2141	90.3008	90.3008	90.3008	70.2053	70.2053	70.2053
2142	90.2881	90.2881	90.2881	70.1955	70.1955	70.1955
2143	90.2754	90.2754	90.2754	70.1857	70.1857	70.1857
2144	90.2627	90.2627	90.2627	70.176	70.176	70.176
2145	90.25	90.25	90.25	70.1662	70.1662	70.1662
2146	90.2373	90.2373	90.2373	70.1565	70.1565	70.1565
2147	90.2245	90.2245	90.2245	70.1467	70.1467	70.1467
2148	90.2118	90.2118	90.2118	70.137	70.137	70.137
2149	90.1991	90.1991	90.1991	70.1272	70.1272	70.1272
2150	90.1864	90.1864	90.1864	70.1175	70.1175	70.1175
2151	90.1737	90.1737	90.1737	70.1078	70.1078	70.1078
2152	90.161	90.161	90.161	70.0981	70.0981	70.0981
2153	90.1484	90.1484	90.1484	70.0884	70.0884	70.0884
2154	90.1357	90.1357	90.1357	70.0787	70.0787	70.0787
2155	90.123	90.123	90.123	70.069	70.069	70.069
2156	90.1103	90.1103	90.1103	70.0593	70.0593	70.0593
2157	90.0976	90.0976	90.0976	70.0496	70.0496	70.0496
2158	90.085	90.085	90.085	70.04	70.04	70.04
2159	90.0723	90.0723	90.0723	70.0303	70.0303	70.0303
2160	90.0596	90.0596	90.0596	70.0206	70.0206	70.0206
2161	90.047	90.047	90.047	70.011	70.011	70.011
2162	90.0343	90.0343	90.0343	70.0013	70.0013	70.0013
2163	90.0217	90.0217	90.0217	69.9917	69.9917	69.9917
2164	90.009	90.009	90.009	69.982	69.982	69.982
2165	89.9964	89.9964	89.9964	69.9724	69.9724	69.9724
2166	89.9837	89.9837	89.9837	69.9628	69.9628	69.9628
2167	89.9711	89.9711	89.9711	69.9532	69.9532	69.9532
2168	89.9584	89.9584	89.9584	69.9436	69.9436	69.9436
2169	89.9458	89.9458	89.9458	69.934	69.934	69.934
2170	89.9332	89.9332	89.9332	69.9243	69.9243	69.9243
2171	89.9205	89.9205	89.9205	69.9148	69.9148	69.9148
2172	89.9079	89.9079	89.9079	69.9052	69.9052	69.9052
2173	89.8953	89.8953	89.8953	69.8956	69.8956	69.8956

2034

2174	89.8827	89.8827	89.8827	69.886	69.886	69.886
2175	89.8701	89.8701	89.8701	69.8764	69.8764	69.8764
2176	89.8574	89.8574	89.8574	69.8669	69.8669	69.8669
2177	89.8448	89.8448	89.8448	69.8573	69.8573	69.8573
2178	89.8322	89.8322	89.8322	69.8478	69.8478	69.8478
2179	89.8196	89.8196	89.8196	69.8382	69.8382	69.8382
2180	89.807	89.807	89.807	69.8287	69.8287	69.8287
2181	89.7944	89.7944	89.7944	69.8191	69.8191	69.8191
2182	89.7818	89.7818	89.7818	69.8096	69.8096	69.8096
2183	89.7693	89.7693	89.7693	69.8001	69.8001	69.8001
2184	89.7567	89.7567	89.7567	69.7906	69.7906	69.7906
2185	89.7441	89.7441	89.7441	69.781	69.781	69.781
2186	89.7315	89.7315	89.7315	69.7715	69.7715	69.7715
2187	89.7189	89.7189	89.7189	69.762	69.762	69.762
2188	89.7064	89.7064	89.7064	69.7525	69.7525	69.7525
2189	89.6938	89.6938	89.6938	69.743	69.743	69.743
2190	89.6812	89.6812	89.6812	69.7336	69.7336	69.7336
2191	89.6687	89.6687	89.6687	69.7241	69.7241	69.7241
2192	89.6561	89.6561	89.6561	69.7146	69.7146	69.7146
2193	89.6435	89.6435	89.6435	69.7051	69.7051	69.7051
2194	89.631	89.631	89.631	69.6957	69.6957	69.6957
2195	89.6184	89.6184	89.6184	69.6862	69.6862	69.6862
2196	89.6059	89.6059	89.6059	69.6768	69.6768	69.6768
2197	89.5934	89.5934	89.5934	69.6673	69.6673	69.6673
2198	89.5808	89.5808	89.5808	69.6579	69.6579	69.6579
2199	89.5683	89.5683	89.5683	69.6485	69.6485	69.6485
2200	89.5557	89.5557	89.5557	69.6391	69.6391	69.6391
2201	89.5432	89.5432	89.5432	69.6296	69.6296	69.6296
2202	89.5307	89.5307	89.5307	69.6202	69.6202	69.6202
2203	89.5182	89.5182	89.5182	69.6108	69.6108	69.6108
2204	89.5057	89.5057	89.5057	69.6014	69.6014	69.6014
2205	89.4931	89.4931	89.4931	69.592	69.592	69.592
2206	89.4806	89.4806	89.4806	69.5826	69.5826	69.5826
2207	89.4681	89.4681	89.4681	69.5732	69.5732	69.5732
2208	89.4556	89.4556	89.4556	69.5639	69.5639	69.5639
2209	89.4431	89.4431	89.4431	69.5545	69.5545	69.5545
2210	89.4306	89.4306	89.4306	69.5451	69.5451	69.5451
2211	89.4181	89.4181	89.4181	69.5358	69.5358	69.5358
2212	89.4056	89.4056	89.4056	69.5264	69.5264	69.5264
2213	89.3931	89.3931	89.3931	69.517	69.517	69.517
2214	89.3806	89.3806	89.3806	69.5077	69.5077	69.5077
2215	89.3682	89.3682	89.3682	69.4984	69.4984	69.4984
2216	89.3557	89.3557	89.3557	69.489	69.489	69.489
2217	89.3432	89.3432	89.3432	69.4797	69.4797	69.4797
2218	89.3307	89.3307	89.3307	69.4704	69.4704	69.4704
2219	89.3183	89.3183	89.3183	69.4611	69.4611	69.4611
2220	89.3058	89.3058	89.3058	69.4517	69.4517	69.4517
2221	89.2933	89.2933	89.2933	69.4424	69.4424	69.4424
2222	89.2809	89.2809	89.2809	69.4331	69.4331	69.4331
2223	89.2684	89.2684	89.2684	69.4239	69.4239	69.4239
2224	89.256	89.256	89.256	69.4146	69.4146	69.4146
2225	89.2435	89.2435	89.2435	69.4053	69.4053	69.4053
2226	89.2311	89.2311	89.2311	69.396	69.396	69.396
2227	89.2186	89.2186	89.2186	69.3867	69.3867	69.3867
2228	89.2062	89.2062	89.2062	69.3775	69.3775	69.3775
2229	89.1937	89.1937	89.1937	69.3682	69.3682	69.3682

2230	89.1813	89.1813	89.1813	69.3589	69.3589	69.3589
2231	89.1689	89.1689	89.1689	69.3497	69.3497	69.3497
2232	89.1564	89.1564	89.1564	69.3405	69.3405	69.3405
2233	89.144	89.144	89.144	69.3312	69.3312	69.3312
2234	89.1316	89.1316	89.1316	69.322	69.322	69.322
2235	89.1192	89.1192	89.1192	69.3128	69.3128	69.3128
2236	89.1068	89.1068	89.1068	69.3035	69.3035	69.3035
2237	89.0944	89.0944	89.0944	69.2943	69.2943	69.2943
2238	89.082	89.082	89.082	69.2851	69.2851	69.2851
2239	89.0695	89.0695	89.0695	69.2759	69.2759	69.2759
2240	89.0571	89.0571	89.0571	69.2667	69.2667	69.2667
2241	89.0448	89.0448	89.0448	69.2575	69.2575	69.2575
2242	89.0324	89.0324	89.0324	69.2483	69.2483	69.2483
2243	89.02	89.02	89.02	69.2391	69.2391	69.2391
2244	89.0076	89.0076	89.0076	69.23	69.23	69.23
2245	88.9952	88.9952	88.9952	69.2208	69.2208	69.2208
2246	88.9828	88.9828	88.9828	69.2116	69.2116	69.2116
2247	88.9704	88.9704	88.9704	69.2025	69.2025	69.2025
2248	88.9581	88.9581	88.9581	69.1933	69.1933	69.1933
2249	88.9457	88.9457	88.9457	69.1842	69.1842	69.1842
2250	88.9333	88.9333	88.9333	69.175	69.175	69.175
2251	88.921	88.921	88.921	69.1659	69.1659	69.1659
2252	88.9086	88.9086	88.9086	69.1567	69.1567	69.1567
2253	88.8962	88.8962	88.8962	69.1476	69.1476	69.1476
2254	88.8839	88.8839	88.8839	69.1385	69.1385	69.1385
2255	88.8715	88.8715	88.8715	69.1294	69.1294	69.1294
2256	88.8592	88.8592	88.8592	69.1203	69.1203	69.1203
2257	88.8468	88.8468	88.8468	69.1112	69.1112	69.1112
2258	88.8345	88.8345	88.8345	69.1021	69.1021	69.1021
2259	88.8221	88.8221	88.8221	69.093	69.093	69.093
2260	88.8098	88.8098	88.8098	69.0839	69.0839	69.0839
2261	88.7975	88.7975	88.7975	69.0748	69.0748	69.0748
2262	88.7851	88.7851	88.7851	69.0657	69.0657	69.0657
2263	88.7728	88.7728	88.7728	69.0566	69.0566	69.0566
2264	88.7605	88.7605	88.7605	69.0476	69.0476	69.0476
2265	88.7482	88.7482	88.7482	69.0385	69.0385	69.0385
2266	88.7359	88.7359	88.7359	69.0294	69.0294	69.0294
2267	88.7236	88.7236	88.7236	69.0204	69.0204	69.0204
2268	88.7112	88.7112	88.7112	69.0113	69.0113	69.0113
2269	88.6989	88.6989	88.6989	69.0023	69.0023	69.0023
2270	88.6866	88.6866	88.6866	68.9933	68.9933	68.9933
2271	88.6743	88.6743	88.6743	68.9842	68.9842	68.9842
2272	88.662	88.662	88.662	68.9752	68.9752	68.9752
2273	88.6497	88.6497	88.6497	68.9662	68.9662	68.9662
2274	88.6375	88.6375	88.6375	68.9572	68.9572	68.9572
2275	88.6252	88.6252	88.6252	68.9482	68.9482	68.9482
2276	92.4427	108.911	112.074	68.9486	68.9486	68.9486
2277	94.6794	108.853	112.458	68.949	68.949	68.949
2278	96.0271	107.72	111.74	68.9495	68.9495	68.9495
2279	96.8938	107.094	111.738	68.9499	68.9499	68.9499
2280	97.5002	106.665	111.976	68.9503	68.9503	68.9503
2281	97.9203	106.24	112.176	68.9019	68.9019	68.9019
2282	98.2092	105.78	112.324	68.7968	68.7968	68.7968
2283	98.4377	105.378	112.489	68.6686	68.6686	68.6686
2284	98.6405	105.022	112.676	68.5314	68.5314	68.5314
2285	98.8092	104.577	112.823	68.3912	68.3912	68.3912

2286	98.9421	104.054	112.93	68.2506	68.2506	68.2506
2287	99.062	103.76	112.924	68.1105	68.1105	68.1105
2288	99.1822	103.726	112.812	67.9715	67.9715	67.9715
2289	99.4181	103.958	113.253	67.834	67.834	67.834
2290	99.8948	104.653	114.589	67.6986	67.6986	67.6986
2291	100.303	104.991	115.183	67.5646	67.5646	67.5646
2292	100.206	104.201	113.798	67.4309	67.4309	67.4309
2293	99.8453	103.199	112.248	67.2977	67.2977	67.2977
2294	99.6498	102.901	111.872	67.1657	67.1657	67.1657
2295	99.5487	102.711	111.614	67.0349	67.0349	67.0349
2296	99.5058	102.603	111.448	66.9053	66.9053	66.9053
2297	99.5155	102.613	111.415	66.777	66.777	66.777
2298	99.5537	102.65	111.412	66.65	66.65	66.65
2299	99.5655	102.593	111.263	66.5241	66.5241	66.5241
2300	99.2968	101.822	110.068	66.3987	66.3987	66.3987
2301	98.8562	100.874	108.691	66.2737	66.2737	66.2737
2302	98.3023	99.807	107.19	66.1493	66.1493	66.1493
2303	97.8792	99.2582	106.457	66.0257	66.0257	66.0257
2304	97.5436	98.8381	105.877	65.9032	65.9032	65.9032
2305	97.2499	98.4584	105.335	65.7816	65.7816	65.7816
2306	96.9463	97.9855	104.687	65.661	65.661	65.661
2307	96.6224	97.4685	103.988	65.5412	65.5412	65.5412
2308	96.2789	96.9273	103.261	65.4222	65.4222	65.4222
2309	96.0364	96.6616	103.005	65.3044	65.3044	65.3044
2310	95.8607	96.4805	102.852	65.1877	65.1877	65.1877
2311	95.722	96.3366	102.736	65.0721	65.0721	65.0721
2312	95.599	96.2105	102.618	64.9577	64.9577	64.9577
2313	95.4849	96.0935	102.507	64.8443	64.8443	64.8443
2314	95.3761	95.9818	102.402	64.7321	64.7321	64.7321
2315	95.2651	95.8678	102.276	64.6209	64.6209	64.6209
2316	95.1524	95.7521	102.146	64.5107	64.5107	64.5107
2317	95.039	95.6358	102.015	64.4016	64.4016	64.4016
2318	93.7389	96.0871	95.6926	66.8442	66.8442	76.7938
2319	92.9222	95.2849	94.8761	68.0153	68.0153	78.0009
2320	93.9245	105.191	97.0749	72.468	72.468	96.6222
2321	94.428	105.772	97.5218	74.793	74.793	99.0408
2322	94.6536	106.056	97.6802	76.2079	76.2079	100.521
2323	94.7201	106.135	97.6787	77.2165	77.2165	101.527
2324	94.6576	105.808	97.541	77.9487	77.9487	101.895
2325	94.6328	105.536	97.8744	78.4858	78.4858	101.827
2326	94.8142	105.549	99.0987	78.8386	78.8386	101.262
2327	95.0112	105.519	99.9777	79.0684	79.0684	100.488
2328	95.5167	106.375	101.965	79.2169	79.2169	99.6077
2329	96.3159	107.759	104.499	79.3037	79.3037	98.6474
2330	96.4999	107.119	104.064	79.3362	79.3362	97.6183
2331	96.4634	106.426	103.928	79.3088	79.3088	96.4773
2332	96.5534	106.5	104.437	79.2293	79.2293	95.2721
2333	96.8322	107.116	105.317	79.1001	79.1001	93.9988
2334	96.8377	106.618	105.13	78.9104	78.9104	92.6016
2335	96.9472	106.637	106.072	78.6824	78.6824	91.2146
2336	97.172	107.142	107.198	78.4272	78.4272	89.846
2337	97.4345	107.812	108.253	78.133	78.133	88.4138
2338	97.6516	108.406	109.143	77.7878	77.7878	86.8811
2339	97.8385	109.084	110.199	77.4157	77.4157	85.3927
2340	96.7943	104.463	105.9	75.8476	75.8476	78.1549
2341	95.7644	103.077	104.356	74.5694	74.5694	74.5694

**ANEXO 1E
SIMULACIONES, CÁLCULOS Y GRÁFICAS**

INVERTER TEMPERAT-EBRCL13.xls

ALSTOM

00011346

2342	95.2586	104.061	104.986	74.0069	74.0069	74.0069
2343	93.03	93.03	93.03	73.753	73.753	73.753
2344	91.786	91.786	91.786	73.6361	73.6361	73.6361
2345	91.0891	91.0891	91.0891	73.5793	73.5793	73.5793
2346	90.6962	90.6962	90.6962	73.5488	73.5488	73.5488
2347	90.4723	90.4723	90.4723	73.5297	73.5297	73.5297
2348	90.3422	90.3422	90.3422	73.5157	73.5157	73.5157
2349	90.2643	90.2643	90.2643	73.5039	73.5039	73.5039
2350	90.2153	90.2153	90.2153	73.4931	73.4931	73.4931
2351	90.1825	90.1825	90.1825	73.4827	73.4827	73.4827
2352	90.1586	90.1586	90.1586	73.4725	73.4725	73.4725
2353	90.1397	90.1397	90.1397	73.4624	73.4624	73.4624
2354	90.1236	90.1236	90.1236	73.4523	73.4523	73.4523
2355	90.109	90.109	90.109	73.4423	73.4423	73.4423
2356	90.0953	90.0953	90.0953	73.4322	73.4322	73.4322
2357	90.082	90.082	90.082	73.4222	73.4222	73.4222
2358	90.069	90.069	90.069	73.4121	73.4121	73.4121
2359	90.0561	90.0561	90.0561	73.4021	73.4021	73.4021
2360	93.8789	109.347	112.735	73.4012	73.4012	73.4012
2361	96.1047	109.272	113.023	73.4003	73.4003	73.4003
2362	97.4526	108.24	112.508	73.3993	73.3993	73.3993
2363	98.3241	108.069	113.004	73.3984	73.3984	73.3984
2364	98.8879	107.63	113.223	73.3354	73.3354	73.3354
2365	99.2507	107.243	113.445	73.2003	73.2003	73.2003
2366	99.5056	106.761	113.567	73.0357	73.0357	73.0357
2367	99.7183	106.415	113.763	72.8598	72.8598	72.8598
2368	99.9091	106.046	113.937	72.6801	72.6801	72.6801
2369	100.051	105.533	114.053	72.4998	72.4998	72.4998
2370	100.165	104.991	114.141	72.3202	72.3202	72.3202
2371	100.277	104.908	114.038	72.142	72.142	72.142
2372	100.389	104.866	113.917	71.9653	71.9653	71.9653
2373	100.743	105.379	114.954	71.7909	71.7909	71.7909
2374	101.285	106.139	116.353	71.6188	71.6188	71.6188
2375	101.427	105.8	115.722	71.4478	71.4478	71.4478
2376	101.178	104.868	114.205	71.2776	71.2776	71.2776
2377	100.874	104.171	113.177	71.1085	71.1085	71.1085
2378	100.709	103.91	112.843	70.941	70.941	70.941
2379	100.619	103.726	112.589	70.775	70.775	70.775
2380	100.597	103.694	112.507	70.6107	70.6107	70.6107
2381	100.615	103.711	112.478	70.4479	70.4479	70.4479
2382	100.603	103.615	112.271	70.2867	70.2867	70.2867
2383	100.276	102.717	110.89	70.1261	70.1261	70.1261
2384	99.764	101.641	109.338	69.9663	69.9663	69.9663
2385	99.1982	100.631	107.931	69.8075	69.8075	69.8075
2386	98.7819	100.128	107.263	69.6499	69.6499	69.6499
2387	98.4446	99.7051	106.68	69.4936	69.4936	69.4936
2388	98.142	99.3024	106.118	69.3387	69.3387	69.3387
2389	97.8299	98.8146	105.465	69.185	69.185	69.185
2390	97.5091	98.3215	104.81	69.0324	69.0324	69.0324
2391	97.1804	97.8235	104.153	68.8811	68.8811	68.8811
2392	96.9446	97.5705	103.91	68.7313	68.7313	68.7313
2393	96.768	97.3893	103.753	68.5828	68.5828	68.5828
2394	96.6243	97.2411	103.629	68.4358	68.4358	68.4358
2395	96.497	97.1102	103.513	68.2902	68.2902	68.2902
2396	96.3768	96.9876	103.396	68.146	68.146	68.146
2397	96.261	96.8694	103.284	68.0032	68.0032	68.0032

(Handwritten signature and initials)

2398	96.1482	96.7541	103.174	67.8617	67.8617	67.8617
2399	96.0334	96.6368	103.049	67.7216	67.7216	67.7216
2400	95.9165	96.5173	102.917	67.5828	67.5828	67.5828
2401	95.7987	96.3971	102.784	67.4453	67.4453	67.4453
2402	95.5045	96.0459	101.866	67.3087	67.3087	67.3087
2403	94.1668	95.618	96.1942	69.0441	69.0441	76.3782
2404	93.3199	94.7712	95.3474	69.8403	69.8403	77.1744
2405	92.7402	94.1914	94.7676	70.2385	70.2385	77.5726
2406	92.3061	93.7574	94.3336	70.4679	70.4679	77.802
2407	93.616	104.889	96.7622	75.1464	75.1464	99.3075
2408	94.2848	105.642	97.3686	77.5545	77.5545	101.819
2409	94.5956	106.001	97.6063	78.9852	78.9852	103.298
2410	94.6945	106.043	97.6284	79.9599	79.9599	104.177
2411	94.6349	105.651	97.484	80.6357	80.6357	104.398
2412	94.7651	105.577	98.5716	81.0444	81.0444	103.888
2413	94.9901	105.584	99.7077	81.283	81.283	103.079
2414	95.352	105.956	101.154	81.4122	81.4122	102.11
2415	96.2634	107.788	104.403	81.4687	81.4687	101.056
2416	96.5551	107.317	104.228	81.4667	81.4667	99.9336
2417	96.5458	106.586	104.009	81.4056	81.4056	98.7152
2418	96.6057	106.5	104.415	81.2934	81.2934	97.4392
2419	96.9079	107.227	105.406	81.137	81.137	96.1215
2420	96.925	106.737	105.229	80.9245	80.9245	94.6917
2421	97.0238	106.718	106.093	80.6768	80.6768	93.2805
2422	97.2387	107.182	107.209	80.4031	80.4031	91.8896
2423	97.5025	107.858	108.281	80.0937	80.0937	90.4488
2424	97.7205	108.445	109.158	79.732	79.732	88.8944
2425	97.9075	109.122	110.214	79.344	79.344	87.3902
2426	96.9475	104.868	106.286	77.8415	77.8415	80.5341
2427	95.8841	103.104	104.406	76.4943	76.4943	76.4943
2428	95.3597	104.07	105.017	75.9014	75.9014	75.9014
2429	93.1212	93.1212	93.1212	75.634	75.634	75.634
2430	91.8718	91.8718	91.8718	75.5111	75.5111	75.5111
2431	91.1718	91.1718	91.1718	75.4515	75.4515	75.4515
2432	90.7772	90.7772	90.7772	75.4195	75.4195	75.4195
2433	90.5524	90.5524	90.5524	75.3996	75.3996	75.3996
2434	90.4217	90.4217	90.4217	75.3851	75.3851	75.3851
2435	90.3435	90.3435	90.3435	75.3729	75.3729	75.3729
2436	90.2944	90.2944	90.2944	75.3617	75.3617	75.3617
2437	90.2615	90.2615	90.2615	75.3509	75.3509	75.3509
2438	90.2375	90.2375	90.2375	75.3403	75.3403	75.3403
2439	90.2186	90.2186	90.2186	75.3299	75.3299	75.3299
2440	90.2024	90.2024	90.2024	75.3195	75.3195	75.3195
2441	90.1878	90.1878	90.1878	75.3091	75.3091	75.3091
2442	90.174	90.174	90.174	75.2987	75.2987	75.2987
2443	90.1607	90.1607	90.1607	75.2883	75.2883	75.2883
2444	90.1477	90.1477	90.1477	75.2779	75.2779	75.2779
2445	90.1348	90.1348	90.1348	75.2676	75.2676	75.2676
2446	93.9581	109.569	112.933	75.266	75.266	75.266
2447	96.1882	109.5	113.249	75.2644	75.2644	75.2644
2448	97.5336	108.385	112.612	75.2628	75.2628	75.2628
2449	98.405	108.218	113.113	75.2612	75.2612	75.2612
2450	98.9672	107.756	113.311	75.1922	75.1922	75.1922
2451	99.3287	107.368	113.532	75.0446	75.0446	75.0446
2452	99.5817	106.872	113.644	74.865	74.865	74.865
2453	99.7929	106.524	113.838	74.6731	74.6731	74.6731

2454	99.9827	106.155	114.012	74.477	74.477	74.477
2455	100.126	105.648	114.13	74.2803	74.2803	74.2803
2456	100.242	105.112	114.223	74.0845	74.0845	74.0845
2457	100.353	104.993	114.127	73.89	73.89	73.89
2458	100.464	104.95	114.006	73.6973	73.6973	73.6973
2459	100.799	105.421	114.957	73.5068	73.5068	73.5068
2460	101.33	106.17	116.344	73.3189	73.3189	73.3189
2461	101.507	105.925	115.885	73.1323	73.1323	73.1323
2462	101.275	105.002	114.37	72.9466	72.9466	72.9466
2463	100.961	104.262	113.27	72.7622	72.7622	72.7622
2464	100.79	103.991	112.925	72.5796	72.5796	72.5796
2465	100.694	103.799	112.659	72.3986	72.3986	72.3986
2466	100.67	103.768	112.577	72.2194	72.2194	72.2194
2467	100.688	103.784	112.544	72.0419	72.0419	72.0419
2468	100.595	103.474	112.018	71.8658	71.8658	71.8658
2469	100.184	102.432	110.444	71.6906	71.6906	71.6906
2470	99.5785	101.195	108.672	71.5161	71.5161	71.5161
2471	99.06	100.438	107.636	71.343	71.343	71.343
2472	98.6538	99.9314	106.938	71.1713	71.1713	71.1713
2473	98.3015	99.4664	106.286	71.001	71.001	71.001
2474	97.9443	98.904	105.531	70.8321	70.8321	70.8321
2475	97.585	98.3508	104.795	70.6645	70.6645	70.6645
2476	97.2561	97.885	104.209	70.4983	70.4983	70.4983
2477	97.0283	97.6525	104.001	70.3337	70.3337	70.3337
2478	96.8555	97.4754	103.847	70.1707	70.1707	70.1707
2479	96.7129	97.3287	103.722	70.0093	70.0093	70.0093
2480	96.5844	97.1975	103.601	69.8494	69.8494	69.8494
2481	96.4626	97.0737	103.482	69.691	69.691	69.691
2482	96.6748	108.081	99.6836	75.9676	75.9676	100.28
2483	96.7102	108.041	99.6397	78.9831	78.9831	103.177
2484	96.6074	107.598	99.4499	80.516	80.516	104.243
2485	96.7356	107.531	100.643	81.2694	81.2694	104.025
2486	96.9439	107.515	101.728	81.6477	81.6477	103.348
2487	97.3323	108.004	103.307	81.8356	81.8356	102.452
2488	98.2386	109.81	106.497	81.9197	81.9197	101.45
2489	98.4811	109.228	106.141	81.9357	81.9357	100.382
2490	98.446	108.495	105.909	81.8889	81.8889	99.2127
2491	98.4734	108.348	106.255	81.7872	81.7872	97.9715
2492	98.7702	109.113	107.277	81.6383	81.6383	96.679
2493	98.7797	108.617	107.094	81.4294	81.4294	95.259
2494	98.8546	108.552	107.878	81.1814	81.1814	93.8445
2495	99.0473	108.968	108.971	80.9055	80.9055	92.4482
2496	99.2989	109.636	110.045	80.5952	80.5952	91.012
2497	99.5047	110.204	110.898	80.231	80.231	89.4507
2498	99.6792	110.869	111.941	79.8409	79.8409	87.9443
2499	98.7765	106.906	108.307	78.4032	78.4032	81.4151
2500	97.6759	104.819	106.139	77.0062	77.0062	77.0062
2501	97.1305	105.764	106.729	76.3914	76.3914	76.3914
2502	94.8807	94.8807	94.8807	76.1145	76.1145	76.1145
2503	93.6247	93.6247	93.6247	75.9874	75.9874	75.9874
2504	92.921	92.921	92.921	75.926	75.926	75.926
2505	92.5241	92.5241	92.5241	75.8932	75.8932	75.8932
2506	92.2977	92.2977	92.2977	75.873	75.873	75.873
2507	92.166	92.166	92.166	75.8583	75.8583	75.8583
2508	92.087	92.087	92.087	75.846	75.846	75.846
2509	92.0373	92.0373	92.0373	75.8347	75.8347	75.8347

2510	92.0038	92.0038	92.0038	75.824	75.824	75.824
2511	91.9793	91.9793	91.9793	75.8134	75.8134	75.8134
2512	91.9599	91.9599	91.9599	75.8029	75.8029	75.8029
2513	91.9432	91.9432	91.9432	75.7925	75.7925	75.7925
2514	91.9281	91.9281	91.9281	75.7821	75.7821	75.7821
2515	91.9139	91.9139	91.9139	75.7717	75.7717	75.7717
2516	91.9001	91.9001	91.9001	75.7613	75.7613	75.7613
2517	91.8867	91.8867	91.8867	75.751	75.751	75.751
2518	91.8733	91.8733	91.8733	75.7406	75.7406	75.7406
2519	95.6882	111.413	114.709	75.7388	75.7388	75.7388
2520	97.9216	111.351	115.081	75.7369	75.7369	75.7369
2521	99.2677	110.173	114.366	75.7351	75.7351	75.7351
2522	100.138	110.001	114.86	75.7332	75.7332	75.7332
2523	100.7	109.534	115.06	75.6627	75.6627	75.6627
2524	101.053	109.131	115.263	75.5122	75.5122	75.5122
2525	101.296	108.625	115.365	75.3292	75.3292	75.3292
2526	101.497	108.261	115.548	75.1336	75.1336	75.1336
2527	101.674	107.874	115.704	74.9338	74.9338	74.9338
2528	101.807	107.365	115.814	74.7334	74.7334	74.7334
2529	101.91	106.811	115.889	74.5337	74.5337	74.5337
2530	102.009	106.657	115.796	74.3356	74.3356	74.3356
2531	102.109	106.602	115.663	74.1392	74.1392	74.1392
2532	102.417	107.028	116.531	73.945	73.945	73.945
2533	102.928	107.756	117.898	73.7534	73.7534	73.7534
2534	103.125	107.583	117.577	73.5632	73.5632	73.5632
2535	102.92	106.721	116.153	73.3741	73.3741	73.3741
2536	102.581	105.904	114.928	73.1862	73.1862	73.1862
2537	102.396	105.631	114.591	73.0001	73.0001	73.0001
2538	102.293	105.446	114.344	72.8157	72.8157	72.8157
2539	102.242	105.34	114.184	72.6331	72.6331	72.6331
2540	102.239	105.336	114.141	72.4522	72.4522	72.4522
2541	102.26	105.357	114.124	72.2731	72.2731	72.2731
2542	102.296	105.392	114.122	72.0957	72.0957	72.0957
2543	102.086	104.766	113.143	71.9195	71.9195	71.9195
2544	101.713	103.952	111.956	71.7443	71.7443	71.7443
2545	101.245	103.055	110.696	71.5703	71.5703	71.5703
2546	100.746	102.189	109.509	71.3975	71.3975	71.3975
2547	100.38	101.757	108.952	71.2262	71.2262	71.2262
2548	98.4827	99.3127	101.302	71.0528	71.0528	71.0528
2549	97.3147	98.1842	100.071	70.8811	70.8811	70.8811
2550	96.5435	97.4484	99.2434	70.7109	70.7109	70.7109
2551	96.0106	96.8798	98.7671	70.5423	70.5423	70.5423
2552	95.5883	96.4848	98.3014	70.3753	70.3753	70.3753
2553	95.1663	96.0138	97.6433	70.2097	70.2097	70.2097
2554	94.8362	95.7125	97.3972	70.0458	70.0458	70.0458
2555	94.0471	94.3805	95.0214	69.8822	69.8822	69.8822
2556	93.4691	93.8024	94.4434	69.7202	69.7202	69.7202
2557	93.0066	93.34	93.9809	69.5597	69.5597	69.5597
2558	92.6078	92.9412	93.5822	69.4007	69.4007	69.4007
2559	92.2447	92.5781	93.2191	69.2432	69.2432	69.2432
2560	91.902	92.2354	92.8764	69.0871	69.0871	69.0871
2561	91.7731	92.3321	93.4069	68.9329	68.9329	68.9329
2562	91.8245	92.6676	94.2885	68.7807	68.7807	68.7807
2563	91.8069	92.7039	94.5194	68.63	68.63	68.63
2564	91.3807	91.9656	93.0903	68.4801	68.4801	68.4801
2565	91.1365	91.8511	93.2251	68.3319	68.3319	68.3319

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2566	90.9984	91.8426	93.4658	68.1853	68.1853	68.1853
2567	90.8758	91.7875	93.5649	68.0402	68.0402	68.0402
2568	92.3468	93.6803	100.793	67.9	67.9	67.9
2569	93.2938	103.847	98.1284	73.4493	73.4493	95.0686
2570	94.1662	104.944	100.408	75.8347	75.8347	96.3237
2571	95.2307	106.687	103.421	76.8573	76.8573	96.2156
2572	95.5433	106.122	103.077	77.2781	77.2781	95.5079
2573	95.5803	105.486	103.046	77.4097	77.4097	94.4723
2574	95.7637	105.781	103.749	77.3965	77.3965	93.2994
2575	96.0335	106.246	104.491	77.2947	77.2947	92.0225
2576	96.0598	105.801	104.425	77.1217	77.1217	90.6363
2577	96.1986	105.879	105.457	76.9084	76.9084	89.2684
2578	96.4509	106.487	106.611	76.6686	76.6686	87.9245
2579	96.7142	107.145	107.627	76.3837	76.3837	86.4857
2580	96.9331	107.761	108.554	76.052	76.052	84.979
2581	97.068	108.2	109.369	75.6387	75.6387	83.241
2582	95.8478	102.91	104.394	73.915	73.915	75.2956
2583	94.9138	102.448	103.675	72.7968	72.7968	72.7968
2584	94.4614	103.486	104.358	72.3047	72.3047	72.3047
2585	92.2612	92.2612	92.2612	72.0822	72.0822	72.0822
2586	91.0331	91.0331	91.0331	71.9796	71.9796	71.9796
2587	90.3451	90.3451	90.3451	71.9295	71.9295	71.9295
2588	89.9573	89.9573	89.9573	71.9024	71.9024	71.9024
2589	89.7362	89.7362	89.7362	71.8853	71.8853	71.8853
2590	89.6078	89.6078	89.6078	71.8726	71.8726	71.8726
2591	89.5309	89.5309	89.5309	71.8619	71.8619	71.8619
2592	89.4826	89.4826	89.4826	71.852	71.852	71.852
2593	89.4503	89.4503	89.4503	71.8425	71.8425	71.8425
2594	89.4267	89.4267	89.4267	71.8332	71.8332	71.8332
2595	89.4081	89.4081	89.4081	71.8239	71.8239	71.8239
2596	89.3922	89.3922	89.3922	71.8147	71.8147	71.8147
2597	89.3778	89.3778	89.3778	71.8054	71.8054	71.8054
2598	89.3643	89.3643	89.3643	71.7962	71.7962	71.7962
2599	89.3512	89.3512	89.3512	71.7871	71.7871	71.7871
2600	89.3384	89.3384	89.3384	71.7779	71.7779	71.7779
2601	89.3258	89.3258	89.3258	71.7687	71.7687	71.7687
2602	93.1472	108.273	111.719	71.7678	71.7678	71.7678
2603	95.3763	108.203	112.034	71.7668	71.7668	71.7668
2604	96.7249	107.357	111.724	71.7659	71.7659	71.7659
2605	97.5969	107.187	112.221	71.765	71.765	71.765
2606	98.1654	106.803	112.488	71.7074	71.7074	71.7074
2607	98.5307	106.412	112.704	71.5841	71.5841	71.5841
2608	98.7921	105.963	112.851	71.4339	71.4339	71.4339
2609	99.011	105.618	113.053	71.2733	71.2733	71.2733
2610	99.2019	105.227	113.226	71.1093	71.1093	71.1093
2611	99.3455	104.7	113.343	70.9447	70.9447	70.9447
2612	99.4644	104.219	113.412	70.7808	70.7808	70.7808
2613	99.5826	104.185	113.3	70.6181	70.6181	70.6181
2614	99.7059	104.162	113.212	70.4569	70.4569	70.4569
2615	100.117	104.794	114.492	70.2977	70.2977	70.2977
2616	100.699	105.595	115.936	70.1408	70.1408	70.1408
2617	100.721	104.941	114.73	69.9845	69.9845	69.9845
2618	100.407	103.943	113.15	69.829	69.829	69.829
2619	100.143	103.416	112.404	69.6746	69.6746	69.6746
2620	100.002	103.175	112.088	69.5217	69.5217	69.5217
2621	99.9318	103.029	111.875	69.3702	69.3702	69.3702

2622	99.9263	103.023	111.819	69.2202	69.2202	69.2202
2623	99.9556	103.052	111.8	69.0717	69.0717	69.0717
2624	99.7989	102.558	111.001	68.9242	68.9242	68.9242
2625	99.3822	101.562	109.515	68.7773	68.7773	68.7773
2626	98.8168	100.436	107.915	68.6311	68.6311	68.6311
2627	98.3347	99.7282	106.954	68.486	68.486	68.486
2628	96.6585	98.4057	100.2	69.979	69.979	76.411
2629	95.6458	97.3929	99.1869	70.6502	70.6502	77.0822
2630	94.9936	96.7408	98.5348	70.9733	70.9733	77.4053
2631	94.5378	96.285	98.079	71.1488	71.1488	77.5808
2632	94.1892	95.9364	97.7304	71.2615	71.2615	77.6935
2633	93.8995	95.6467	97.4406	71.3472	71.3472	77.7793
2634	93.6424	95.3896	97.1836	71.4212	71.4212	77.8532
2635	93.4038	95.151	96.9449	71.4898	71.4898	77.9218
2636	93.1759	94.923	96.717	71.5558	71.5558	77.9878
2637	92.9544	94.7016	96.4956	71.6203	71.6203	78.0524
2638	92.7439	94.6062	96.2612	71.7883	71.7883	78.6239
2639	92.5351	94.423	96.0471	71.9263	71.9263	78.8516
2640	92.3243	94.1735	95.8444	71.9945	71.9945	78.7838
2641	92.1119	93.9003	95.6445	72.0103	72.0103	78.5869
2642	91.899	93.6267	95.4442	71.9994	71.9994	78.3633
2643	93.0082	94.3271	101.412	70.4085	70.4085	70.4085
2644	93.5153	94.7553	101.691	69.6481	69.6481	69.6481
2645	93.6859	94.8206	101.612	69.2397	69.2397	69.2397
2646	93.6568	94.6395	101.288	68.9809	68.9809	68.9809
2647	93.5193	94.358	100.871	68.7862	68.7862	68.7862
2648	93.3232	94.0257	100.411	68.6192	68.6192	68.6192
2649	93.1331	93.7617	100.088	68.4648	68.4648	68.4648
2650	92.9917	93.6166	99.9618	68.3166	68.3166	68.3166
2651	92.8773	93.4986	99.8627	68.1717	68.1717	68.1717
2652	92.7781	93.3959	99.7785	68.029	68.029	68.029
2653	92.6875	93.3019	99.7025	67.8881	67.8881	67.8881
2654	92.5989	93.2113	99.6163	67.7487	67.7487	67.7487
2655	92.5117	93.1222	99.5315	67.6106	67.6106	67.6106
2656	92.4256	93.0343	99.4479	67.4739	67.4739	67.4739
2657	92.3406	92.9474	99.3652	67.3385	67.3385	67.3385
2658	92.2558	92.8607	99.28	67.2045	67.2045	67.2045
2659	92.168	92.771	99.1807	67.0716	67.0716	67.0716
2660	92.4331	103.78	95.5245	73.3567	73.3567	97.6084
2661	92.5317	103.937	95.544	76.4387	76.4387	100.751
2662	92.5189	103.853	95.4491	78.1143	78.1143	102.312
2663	92.4012	103.383	95.2414	79.0865	79.0865	102.802
2664	92.5449	103.334	96.4872	79.6076	79.6076	102.332
2665	90.9333	91.9133	93.4798	74.1916	74.1916	74.1916
2666	90.0053	90.7958	92.8284	71.806	71.806	71.806
2667	89.418	90.1838	92.3217	70.7031	70.7031	70.7031
2668	89.0179	89.7601	92.0034	70.1438	70.1438	70.1438
2669	88.7249	89.4541	91.8027	69.8154	69.8154	69.8154
2670	88.5743	89.2764	92.0507	69.5856	69.5856	69.5856
2671	88.4128	89.1148	91.9282	69.3985	69.3985	69.3985
2672	88.2465	88.9486	91.801	69.2301	69.2301	69.2301
2673	88.079	88.781	91.6724	69.0706	69.0706	69.0706
2674	87.8608	88.5629	91.3079	68.9155	68.9155	68.9155
2675	87.654	88.3561	91.101	68.7632	68.7632	68.7632
2676	87.454	88.1561	90.901	68.6129	68.6129	68.6129
2677	87.2583	87.9603	90.7053	68.4642	68.4642	68.4642

2678	87.0655	87.7676	90.5125	68.317	68.317	68.317
2679	86.875	87.5771	90.322	68.1712	68.1712	68.1712
2680	86.6863	87.3884	90.1333	68.0268	68.0268	68.0268
2681	86.4992	87.2013	89.9463	67.8837	67.8837	67.8837
2682	86.3136	87.0157	89.7607	67.742	67.742	67.742
2683	86.1294	86.8315	89.5765	67.6016	67.6016	67.6016
2684	85.9466	86.6487	89.3936	67.4625	67.4625	67.4625
2685	85.7651	86.4672	89.2121	67.3247	67.3247	67.3247
2686	85.5849	86.287	89.032	67.1882	67.1882	67.1882
2687	85.4061	86.1081	88.8531	67.053	67.053	67.053
2688	85.2251	85.9272	88.66	66.9191	66.9191	66.9191
2689	85.0242	85.7277	88.3759	66.7863	66.7863	66.7863
2690	84.8142	85.5231	88.0895	66.6548	66.6548	66.6548
2691	86.2564	96.8968	90.842	72.3193	72.3193	94.3155
2692	87.1993	97.6442	92.5966	74.7734	74.7734	95.6638
2693	88.4857	99.9061	96.3604	75.8266	75.8266	95.5395
2694	89.1039	99.9324	96.825	76.2649	76.2649	94.8163
2695	89.2806	99.3551	96.7431	76.4125	76.4125	93.7835
2696	89.4459	99.3188	97.2241	76.4116	76.4116	92.6002
2697	89.8447	100.178	98.3482	76.3271	76.3271	91.3455
2698	89.9367	99.7605	98.2456	76.1707	76.1707	89.9669
2699	90.0925	99.7881	99.141	75.9728	75.9728	88.6036
2700	90.3598	100.29	100.311	75.7457	75.7457	87.2567
2701	90.6767	101.024	101.441	75.4828	75.4828	85.8661
2702	90.9459	101.659	102.363	75.1661	75.1661	84.3547
2703	91.1828	102.386	103.469	74.8227	74.8227	82.895
2704	90.3037	98.3198	99.7298	73.3949	73.3949	76.2333
2705	89.2649	96.45	97.7598	72.0562	72.0562	72.0562
2706	88.7549	97.4301	98.3853	71.4676	71.4676	71.4676
2707	86.5254	86.5254	86.5254	71.2032	71.2032	71.2032
2708	85.2817	85.2817	85.2817	71.0825	71.0825	71.0825
2709	84.5858	84.5858	84.5858	71.0247	71.0247	71.0247
2710	84.1942	84.1942	84.1942	70.9945	70.9945	70.9945
2711	83.9717	83.9717	83.9717	70.9763	70.9763	70.9763
2712	83.8432	83.8432	83.8432	70.9634	70.9634	70.9634
2713	83.767	83.767	83.767	70.9528	70.9528	70.9528
2714	83.7197	83.7197	83.7197	70.9432	70.9432	70.9432
2715	83.6885	83.6885	83.6885	70.9341	70.9341	70.9341
2716	83.6664	83.6664	83.6664	70.9252	70.9252	70.9252
2717	83.6492	83.6492	83.6492	70.9163	70.9163	70.9163
2718	83.6347	83.6347	83.6347	70.9075	70.9075	70.9075
2719	83.6219	83.6219	83.6219	70.8987	70.8987	70.8987
2720	83.6098	83.6098	83.6098	70.8899	70.8899	70.8899
2721	83.5983	83.5983	83.5983	70.8812	70.8812	70.8812
2722	83.587	83.587	83.587	70.8724	70.8724	70.8724
2723	83.5758	83.5758	83.5758	70.8637	70.8637	70.8637
2724	87.4011	103.066	106.421	70.8628	70.8628	70.8628
2725	89.633	102.999	106.739	70.862	70.862	70.862
2726	90.9798	101.856	106.067	70.8611	70.8611	70.8611
2727	91.8527	101.691	106.569	70.8602	70.8602	70.8602
2728	92.4279	101.234	106.775	70.8054	70.8054	70.8054
2729	92.818	100.875	107.024	70.688	70.688	70.688
2730	93.1078	100.415	107.173	70.545	70.545	70.545
2731	93.3597	100.104	107.406	70.3921	70.3921	70.3921
2732	93.5925	99.7775	107.622	70.2359	70.2359	70.2359
2733	93.7809	99.3186	107.785	70.0793	70.0793	70.0793

2734	93.9421	98.8278	107.924	69.9232	69.9232	69.9232
2735	94.0976	98.7412	107.878	69.7684	69.7684	69.7684
2736	94.2535	98.7429	107.801	69.6148	69.6148	69.6148
2737	94.6262	99.2433	108.764	69.4632	69.4632	69.4632
2738	95.1978	100.032	110.192	69.3136	69.3136	69.3136
2739	95.4347	99.8731	109.85	69.1651	69.1651	69.1651
2740	95.2645	99.0271	108.426	69.0173	69.0173	69.0173
2741	94.9872	98.2978	107.314	68.8704	68.8704	68.8704
2742	94.8573	98.0748	107.021	68.7248	68.7248	68.7248
2743	94.8068	97.9351	106.814	68.5806	68.5806	68.5806
2744	94.8179	97.9153	106.742	68.4378	68.4378	68.4378
2745	94.8724	97.9691	106.753	68.2964	68.2964	68.2964
2746	94.9501	98.0462	106.788	68.1563	68.1563	68.1563
2747	94.8311	97.5831	106.02	68.0172	68.0172	68.0172
2748	94.4917	96.7323	104.737	67.8788	67.8788	67.8788
2749	94.0229	95.7636	103.346	67.7411	67.7411	67.7411
2750	93.5659	94.9875	102.267	67.6044	67.6044	67.6044
2751	93.2361	94.5814	101.716	67.4687	67.4687	67.4687
2752	92.9735	94.2445	101.239	67.3343	67.3343	67.3343
2753	92.7455	93.9443	100.802	67.201	67.201	67.201
2754	92.5105	93.566	100.283	67.0688	67.0688	67.0688
2755	92.2661	93.1736	99.7511	66.9376	66.9376	66.9376
2756	92.0139	92.7763	99.2176	66.8075	66.8075	66.8075
2757	91.7612	92.3912	98.7097	66.6785	66.6785	66.6785
2758	91.591	92.217	98.5563	66.5507	66.5507	66.5507
2759	91.466	92.0882	98.4478	66.4242	66.4242	66.4242
2760	91.3661	91.9845	98.3641	66.2988	66.2988	66.2988
2761	91.2804	91.895	98.2942	66.1747	66.1747	66.1747
2762	91.1994	91.8118	98.2168	66.0517	66.0517	66.0517
2763	91.1211	91.7315	98.1411	65.93	65.93	65.93
2764	91.0446	91.653	98.0671	65.8093	65.8093	65.8093
2765	90.9694	91.5759	97.9945	65.6899	65.6899	65.6899
2766	90.8935	91.498	97.9148	65.5715	65.5715	65.5715
2767	90.8149	91.4173	97.8239	65.4543	65.4543	65.4543
2768	90.7351	91.3354	97.732	65.3382	65.3382	65.3382
2769	90.6548	91.253	97.6397	65.2232	65.2232	65.2232
2770	90.5743	91.1706	97.5477	65.1092	65.1092	65.1092
2771	89.0144	89.5879	90.7272	64.9934	64.9934	64.9934
2772	88.0697	88.613	89.8573	64.8787	64.8787	64.8787
2773	87.4571	87.9663	89.31	64.765	64.765	64.765
2774	87.0291	87.5109	88.9524	64.6524	64.6524	64.6524
2775	86.7035	87.1591	88.6981	64.541	64.541	64.541
2776	86.4273	86.8705	88.4587	64.4305	64.4305	64.4305
2777	86.1703	86.6136	88.2018	64.3211	64.3211	64.3211
2778	85.9504	86.3636	88.0855	64.2127	64.2127	64.2127
2779	85.7435	86.1392	87.9451	64.1054	64.1054	64.1054
2780	87.2657	98.5471	90.4054	70.3963	70.3963	94.5681
2781	88.0678	99.4459	91.1363	73.5109	73.5109	97.8003
2782	88.4646	99.8743	91.4517	75.2536	75.2536	99.565
2783	88.6064	99.8238	91.5069	76.3302	76.3302	100.368
2784	88.6858	99.5963	91.8797	77.0097	77.0097	100.392
2785	88.9686	99.6862	93.333	77.395	77.395	99.7258
2786	89.2487	99.7056	94.36	77.6102	77.6102	98.8109
2787	90.0018	101.126	97.1253	77.7291	77.7291	97.7991
2788	90.6491	101.78	98.5964	77.7824	77.7824	96.7226
2789	90.7876	101.099	98.2454	77.7799	77.7799	95.5806

2790	90.7624	100.428	98.2327	77.7202	77.7202	94.3479
2791	91.096	101.328	99.3915	77.6185	77.6185	93.0946
2792	91.2835	101.308	99.6689	77.4636	77.4636	91.7403
2793	91.3802	101.101	100.075	77.2638	77.2638	90.3515
2794	91.5863	101.344	101.178	77.0322	77.0322	88.9764
2795	91.9027	102.103	102.398	76.7781	76.7781	87.629
2796	92.1744	102.737	103.324	76.4684	76.4684	86.1256
2797	92.4106	103.42	104.353	76.1242	76.1242	84.6376
2798	92.0651	101.689	102.975	75.2136	75.2136	80.5105
2799	90.8089	97.3369	98.8031	73.5038	73.5038	73.5038
2800	90.1784	98.2647	99.36	72.7526	72.7526	72.7526
2801	87.8853	87.8853	87.8853	72.4171	72.4171	72.4171
2802	86.6061	86.6061	86.6061	72.2651	72.2651	72.2651
2803	85.8903	85.8903	85.8903	72.1936	72.1936	72.1936
2804	85.4875	85.4875	85.4875	72.1572	72.1572	72.1572
2805	85.2586	85.2586	85.2586	72.1363	72.1363	72.1363
2806	85.1264	85.1264	85.1264	72.122	72.122	72.122
2807	85.048	85.048	85.048	72.1108	72.1108	72.1108
2808	84.9993	84.9993	84.9993	72.1008	72.1008	72.1008
2809	84.9673	84.9673	84.9673	72.0914	72.0914	72.0914
2810	84.9444	84.9444	84.9444	72.0823	72.0823	72.0823
2811	84.9267	84.9267	84.9267	72.0732	72.0732	72.0732
2812	84.9119	84.9119	84.9119	72.0642	72.0642	72.0642
2813	84.8986	84.8986	84.8986	72.0553	72.0553	72.0553
2814	84.8862	84.8862	84.8862	72.0463	72.0463	72.0463
2815	84.8743	84.8743	84.8743	72.0374	72.0374	72.0374
2816	84.8626	84.8626	84.8626	72.0285	72.0285	72.0285
2817	84.8511	84.8511	84.8511	72.0195	72.0195	72.0195
2818	88.6698	105.238	108.384	72.0182	72.0182	72.0182
2819	90.9078	105.182	108.77	72.0169	72.0169	72.0169
2820	92.2567	104.078	108.076	72.0156	72.0156	72.0156
2821	93.1237	103.369	107.984	72.0143	72.0143	72.0143
2822	93.7307	102.941	108.223	72.013	72.013	72.013
2823	94.158	102.511	108.42	71.9545	71.9545	71.9545
2824	94.4632	102.067	108.584	71.8294	71.8294	71.8294
2825	94.712	101.677	108.764	71.6771	71.6771	71.6771
2826	94.938	101.344	108.974	71.5143	71.5143	71.5143
2827	95.1329	100.93	109.148	71.3481	71.3481	71.3481
2828	95.2921	100.433	109.281	71.1813	71.1813	71.1813
2829	95.4376	100.142	109.31	71.0151	71.0151	71.0151
2830	95.5835	100.134	109.223	70.8503	70.8503	70.8503
2831	95.8323	100.363	109.629	70.687	70.687	70.687
2832	96.3272	101.076	110.984	70.5258	70.5258	70.5258
2833	96.7866	101.507	111.725	70.3664	70.3664	70.3664
2834	96.7293	100.753	110.375	70.2078	70.2078	70.2078
2835	96.4004	99.7807	108.853	70.05	70.05	70.05
2836	96.2203	99.4753	108.449	69.8935	69.8935	69.8935
2837	96.1389	99.3046	108.211	69.7386	69.7386	69.7386
2838	96.1166	99.2143	108.061	69.5851	69.5851	69.5851
2839	96.1485	99.2456	108.05	69.4331	69.4331	69.4331
2840	96.2098	99.3062	108.07	69.2825	69.2825	69.2825
2841	96.2586	99.3084	107.997	69.1334	69.1334	69.1334
2842	96.0304	98.5928	106.87	68.9852	68.9852	68.9852
2843	95.6453	97.736	105.614	68.8378	68.8378	68.8378
2844	95.1685	96.8027	104.295	68.6912	68.6912	68.6912
2845	94.7548	96.1669	103.428	68.5458	68.5458	68.5458

2846	94.451	95.7945	102.926	68.4017	68.4017	68.4017
2847	94.2052	95.482	102.487	68.2587	68.2587	68.2587
2848	93.9889	95.2002	102.082	68.1171	68.1171	68.1171
2849	93.7677	94.8604	101.612	67.9766	67.9766	67.9766
2850	93.5316	94.482	101.1	67.8373	67.8373	67.8373
2851	93.2819	94.0885	100.571	67.6992	67.6992	67.6992
2852	93.0196	93.6807	100.027	67.5622	67.5622	67.5622
2853	92.8211	93.4481	99.7824	67.4264	67.4264	67.4264
2854	92.6774	93.3002	99.6567	67.292	67.292	67.292
2855	92.5643	93.1828	99.5618	67.1588	67.1588	67.1588
2856	92.4682	93.0825	99.4833	67.027	67.027	67.027
2857	92.378	92.9899	99.3961	66.8963	66.8963	66.8963
2858	92.2913	92.9008	99.3124	66.767	66.767	66.767
2859	92.207	92.8142	99.2311	66.6388	66.6388	66.6388
2860	92.1235	92.7284	99.1478	66.5119	66.5119	66.5119
2861	92.0366	92.6393	99.0475	66.3862	66.3862	66.3862
2862	91.9482	92.5488	98.9467	66.2616	66.2616	66.2616
2863	91.8594	92.458	98.8464	66.1383	66.1383	66.1383
2864	91.7706	92.3674	98.747	66.0161	66.0161	66.0161
2865	90.3124	90.71	92.5036	65.8924	65.8924	65.8924
2866	89.4266	89.8118	91.6867	65.7699	65.7699	65.7699
2867	88.8351	89.2202	91.0951	65.6485	65.6485	65.6485
2868	88.4039	88.7891	90.664	65.5282	65.5282	65.5282
2869	88.0605	88.4457	90.3206	65.409	65.409	65.409
2870	87.7656	88.1507	90.0257	65.291	65.291	65.291
2871	87.4977	87.8828	89.7577	65.1741	65.1741	65.1741
2872	87.2452	87.6303	89.5053	65.0582	65.0582	65.0582
2873	87.0018	87.387	89.2619	64.9434	64.9434	64.9434
2874	86.7642	87.1494	89.0243	64.8297	64.8297	64.8297
2875	86.5305	86.9156	88.7905	64.717	64.717	64.717
2876	86.2996	86.6847	88.5596	64.6054	64.6054	64.6054
2877	86.0709	86.4561	88.331	64.4948	64.4948	64.4948
2878	85.8443	86.2295	88.1044	64.3852	64.3852	64.3852
2879	85.6195	86.0047	87.8796	64.2767	64.2767	64.2767
2880	85.3965	85.7816	87.6566	64.1692	64.1692	64.1692
2881	85.175	85.5602	87.4351	64.0626	64.0626	64.0626
2882	84.9552	85.3404	87.2153	63.9571	63.9571	63.9571
2883	84.737	85.1222	86.9971	63.8525	63.8525	63.8525
2884	84.5204	84.9056	86.7805	63.7489	63.7489	63.7489
2885	84.3054	84.6905	86.5655	63.6462	63.6462	63.6462
2886	84.0919	84.477	86.352	63.5445	63.5445	63.5445
2887	83.8799	84.2651	86.14	63.4437	63.4437	63.4437
2888	83.6695	84.0546	85.9296	63.3439	63.3439	63.3439
2889	83.4605	83.8457	85.7206	63.245	63.245	63.245
2890	83.2531	83.6383	85.5132	63.147	63.147	63.147
2891	83.0472	83.4324	85.3073	63.0499	63.0499	63.0499
2892	82.8482	83.2296	85.1293	62.9537	62.9537	62.9537
2893	82.643	83.0282	84.9031	62.8584	62.8584	62.8584
2894	82.4403	82.8255	84.7004	62.764	62.764	62.764
2895	82.2402	82.6249	84.5024	62.6705	62.6705	62.6705
2896	82.041	82.4261	84.3011	62.5778	62.5778	62.5778
2897	81.8435	82.2286	84.1036	62.486	62.486	62.486
2898	81.6475	82.0327	83.9076	62.395	62.395	62.395
2899	81.4531	81.8382	83.7132	62.3048	62.3048	62.3048
2900	81.26	81.6452	83.5201	62.2155	62.2155	62.2155
2901	81.0684	81.4536	83.3285	62.127	62.127	62.127

2902	80.8793	81.2637	83.1436	62.0394	62.0394	62.0394
2903	80.7062	81.0801	83.0285	61.9526	61.9526	61.9526
2904	80.5434	80.9077	82.9243	61.8666	61.8666	61.8666
2905	80.3891	80.7486	82.8323	61.7814	61.7814	61.7814
2906	80.2408	80.5955	82.7463	61.697	61.697	61.697
2907	80.0973	80.4473	82.665	61.6135	61.6135	61.6135
2908	79.9597	80.3073	82.595	61.5307	61.5307	61.5307
2909	79.8126	80.1597	82.4633	61.4488	61.4488	61.4488
2910	79.6569	80.004	82.3076	61.3676	61.3676	61.3676
2911	79.497	79.8441	82.1477	61.2871	61.2871	61.2871
2912	79.3355	79.6826	81.9862	61.2074	61.2074	61.2074
2913	79.1736	79.5207	81.8243	61.1284	61.1284	61.1284
2914	79.012	79.3591	81.6627	61.0501	61.0501	61.0501
2915	78.8511	79.1982	81.5018	60.9726	60.9726	60.9726
2916	80.3031	91.6185	83.4177	67.3041	67.3041	91.5173
2917	81.0841	92.4858	84.1174	70.4483	70.4483	94.7614
2918	81.4876	92.8982	84.4375	72.2113	72.2113	96.5141
2919	81.6291	92.6778	84.4865	73.2508	73.2508	97.0577
2920	81.8966	92.7129	85.6736	73.8483	73.8483	96.7183
2921	82.247	92.8349	86.983	74.1913	74.1913	95.9597
2922	82.7578	93.4165	88.6982	74.3921	74.3921	95.0244
2923	83.7902	95.3572	92.063	74.5096	74.5096	94.0097
2924	84.1256	94.8135	91.7424	74.5669	74.5669	92.9383
2925	84.1934	94.1801	91.6573	74.5653	74.5653	91.7752
2926	84.3742	94.3181	92.2548	74.5138	74.5138	90.5613
2927	84.7406	95.0166	93.2222	74.4164	74.4164	89.297
2928	84.8315	94.5999	93.1192	74.263	74.263	87.9264
2929	85.0328	94.7214	94.1787	74.0755	74.0755	86.5806
2930	85.3476	95.3285	95.3946	73.8625	73.8625	85.2557
2931	85.695	96.0808	96.5283	73.6099	73.6099	83.8626
2932	85.9963	96.7627	97.5081	73.307	73.307	82.3742
2933	86.267	97.5238	98.6476	72.9766	72.9766	80.9275
2934	85.2743	92.8478	94.2922	71.4201	71.4201	73.582
2935	84.3204	91.6675	92.9387	70.1929	70.1929	70.1929
2936	83.8582	92.6954	93.612	69.6534	69.6534	69.6534
2937	81.6549	81.6549	81.6549	69.4111	69.4111	69.4111
2938	80.4263	80.4263	80.4263	69.3005	69.3005	69.3005
2939	79.7393	79.7393	79.7393	69.2476	69.2476	69.2476
2940	79.3532	79.3532	79.3532	69.2199	69.2199	69.2199
2941	79.1344	79.1344	79.1344	69.2033	69.2033	69.2033
2942	79.0085	79.0085	79.0085	69.1915	69.1915	69.1915
2943	78.9342	78.9342	78.9342	69.1819	69.1819	69.1819
2944	78.8886	78.8886	78.8886	69.1732	69.1732	69.1732
2945	78.859	78.859	78.859	69.1648	69.1648	69.1648
2946	78.8382	78.8382	78.8382	69.1567	69.1567	69.1567
2947	78.8223	78.8223	78.8223	69.1487	69.1487	69.1487
2948	78.8092	78.8092	78.8092	69.1406	69.1406	69.1406
2949	78.7976	78.7976	78.7976	69.1326	69.1326	69.1326
2950	78.7869	78.7869	78.7869	69.1247	69.1247	69.1247
2951	78.7766	78.7766	78.7766	69.1167	69.1167	69.1167
2952	78.7666	78.7666	78.7666	69.1087	69.1087	69.1087
2953	78.7567	78.7567	78.7567	69.1007	69.1007	69.1007
2954	82.5822	97.9969	101.394	69.1	69.1	69.1
2955	84.8109	97.925	101.685	69.0993	69.0993	69.0993
2956	86.1621	96.9248	101.209	69.0986	69.0986	69.0986
2957	87.0367	96.7575	101.708	69.0979	69.0979	69.0979



2958	87.626	96.3576	101.966	69.0486	69.0486	69.0486
2959	88.0371	96.0123	102.228	68.9429	68.9429	68.9429
2960	88.3555	95.5982	102.416	68.8141	68.8141	68.8141
2961	88.6391	95.3223	102.683	68.6763	68.6763	68.6763
2962	88.904	95.0267	102.932	68.5357	68.5357	68.5357
2963	89.1217	94.5881	103.123	68.3946	68.3946	68.3946
2964	89.3141	94.1287	103.293	68.254	68.254	68.254
2965	89.5034	94.1325	103.258	68.1145	68.1145	68.1145
2966	89.6923	94.165	103.215	67.9762	67.9762	67.9762
2967	90.1292	94.7701	104.361	67.8397	67.8397	67.8397
2968	90.7518	95.61	105.839	67.705	67.705	67.705
2969	90.9583	95.3206	105.233	67.5712	67.5712	67.5712
2970	90.8011	94.5185	103.879	67.438	67.438	67.438
2971	90.5695	93.8795	102.895	67.3056	67.3056	67.3056
2972	90.4809	93.7048	102.655	67.1745	67.1745	67.1745
2973	90.4696	93.6125	102.502	67.0446	67.0446	67.0446
2974	90.5107	93.6083	102.449	66.916	66.916	66.916
2975	90.5948	93.6919	102.495	66.7886	66.7886	66.7886
2976	90.7022	93.7986	102.564	66.6624	66.6624	66.6624
2977	90.8218	93.9176	102.647	66.5375	66.5375	66.5375
2978	90.6803	93.3368	101.693	66.4132	66.4132	66.4132
2979	90.3797	92.5924	100.574	66.2897	66.2897	66.2897
2980	89.9897	91.7781	99.4008	66.1669	66.1669	66.1669
2981	89.5814	91.0247	98.3446	66.0449	66.0449	66.0449
2982	89.3053	90.6865	97.889	65.9239	65.9239	65.9239
2983	87.5577	88.2992	90.6585	65.8011	65.8011	65.8011
2984	86.5304	87.266	89.6606	65.6794	65.6794	65.6794
2985	85.8539	86.6153	88.8564	65.5588	65.5588	65.5588
2986	85.3998	86.1613	88.4023	65.4393	65.4393	65.4393
2987	85.0672	85.8285	88.0703	65.321	65.321	65.321
2988	84.8055	85.5632	87.8267	65.2037	65.2037	65.2037
2989	84.5833	85.3373	87.6224	65.0876	65.0876	65.0876
2990	84.3487	85.1405	87.2645	64.9725	64.9725	64.9725
2991	84.1338	84.9298	87.039	64.8584	64.8584	64.8584
2992	83.9302	84.7303	86.8247	64.7454	64.7454	64.7454
2993	83.7331	84.5374	86.6169	64.6335	64.6335	64.6335
2994	84.1957	85.0336	89.3967	64.5238	64.5238	64.5238
2995	85.3141	86.6061	93.64	64.4169	64.4169	64.4169
2996	85.8655	87.0954	94.0119	64.3108	64.3108	64.3108
2997	86.0995	87.2435	94.0431	64.2057	64.2057	64.2057
2998	86.1452	87.1626	93.8434	64.1014	64.1014	64.1014
2999	86.0859	86.9788	93.5426	63.998	63.998	63.998
3000	85.9666	86.7366	93.185	63.8954	63.8954	63.8954
3001	85.8118	86.4605	92.7949	63.7937	63.7937	63.7937
3002	85.7014	86.3287	92.6608	63.6929	63.6929	63.6929
3003	85.6267	86.2508	92.5999	63.5931	63.5931	63.5931
3004	85.5713	86.1925	92.5569	63.4942	63.4942	63.4942
3005	85.5263	86.1449	92.5231	63.3963	63.3963	63.3963
3006	85.4868	86.1031	92.4935	63.2993	63.2993	63.2993
3007	85.4499	86.0643	92.4649	63.2032	63.2032	63.2032
3008	85.4127	86.0261	92.4289	63.1081	63.1081	63.1081
3009	85.3752	85.9878	92.3924	63.0138	63.0138	63.0138
3010	85.3375	85.9495	92.3556	62.9205	62.9205	62.9205
3011	85.2999	85.9113	92.3187	62.828	62.828	62.828
3012	85.2625	85.8733	92.2821	62.7364	62.7364	62.7364
3013	85.2257	85.8357	92.2462	62.6457	62.6457	62.6457

3014	85.1895	85.7985	92.2112	62.5559	62.5559	62.5559
3015	85.1541	85.762	92.1773	62.4669	62.4669	62.4669
3016	85.1196	85.7263	92.1444	62.3787	62.3787	62.3787
3017	85.0857	85.6909	92.1114	62.2914	62.2914	62.2914
3018	85.0492	85.6527	92.0646	62.2049	62.2049	62.2049
3019	85.0113	85.613	92.0162	62.1192	62.1192	62.1192
3020	84.9727	85.5726	91.9671	62.0344	62.0344	62.0344
3021	84.9337	85.5319	91.918	61.9503	61.9503	61.9503
3022	84.8947	85.4912	91.8691	61.8671	61.8671	61.8671
3023	83.4664	83.8865	85.5778	61.782	61.782	61.782
3024	82.6	83.0201	84.7112	61.6977	61.6977	61.6977
3025	82.03	82.4607	84.1045	61.6142	61.6142	61.6142
3026	81.6241	82.0617	83.6753	61.5315	61.5315	61.5315
3027	81.3148	81.7508	83.3711	61.4495	61.4495	61.4495
3028	81.0575	81.4931	83.1152	61.3683	61.3683	61.3683
3029	80.8223	81.2656	82.8538	61.2878	61.2878	61.2878
3030	80.5726	81.0669	82.4618	61.2079	61.2079	61.2079
3031	79.9598	80.1685	80.5832	61.1281	61.1281	61.1281
3032	79.9415	80.8696	81.8113	62.3566	62.3566	67.4894
3033	79.9489	81.2966	81.9956	63.406	63.406	70.3918
3034	79.9084	81.6304	81.8944	64.2565	64.2565	72.4646
3035	79.8527	81.9401	81.8132	65.0012	65.0012	74.2578
3036	79.7794	82.1082	81.7336	65.6139	65.6139	75.512
3037	79.675	82.0607	81.6293	66.0531	66.0531	76.0953
3038	79.5174	81.6834	81.4758	66.2328	66.2328	75.6985
3039	80.9371	92.2408	84.0603	70.4163	70.4163	94.6153
3040	81.7046	93.1029	84.7576	72.6472	72.6472	96.961
3041	82.1038	93.515	85.0827	74.0178	74.0178	98.3289
3042	82.2688	93.477	85.1669	74.9415	74.9415	98.9671
3043	82.3756	93.292	85.5322	75.5765	75.5765	98.9919
3044	82.6917	93.4213	87.0052	75.9608	75.9608	98.359
3045	83.0107	93.4861	88.0693	76.1881	76.1881	97.4685
3046	83.7685	94.835	90.7445	76.3185	76.3185	96.4585
3047	84.4991	95.6815	92.4846	76.3842	76.3842	95.3902
3048	84.6938	95.0424	92.1511	76.3963	76.3963	94.2652
3049	84.7192	94.4223	92.1883	76.3509	76.3509	93.0447
3050	85.0754	95.2763	93.3262	76.2624	76.2624	91.8
3051	85.3204	95.3709	93.7159	76.1215	76.1215	90.4615
3052	85.4539	95.1783	94.1032	75.9348	75.9348	89.0811
3053	85.6965	95.4326	95.2442	75.7154	75.7154	87.7128
3054	86.0514	96.2304	96.5026	75.4742	75.4742	86.3784
3055	86.3686	96.914	97.487	75.1791	75.1791	84.8948
3056	86.6486	97.6343	98.5491	74.8478	74.8478	83.4156
3057	86.4121	96.2347	97.5049	74.0139	74.0139	79.6141
3058	85.1617	91.5687	93.0637	72.2673	72.2673	72.2673
3059	84.5352	92.5489	93.6615	71.5002	71.5002	71.5002
3060	82.2455	82.2455	82.2455	71.1582	71.1582	71.1582
3061	80.9688	80.9688	80.9688	71.0039	71.0039	71.0039
3062	80.2551	80.2551	80.2551	70.9316	70.9316	70.9316
3063	79.8541	79.8541	79.8541	70.8953	70.8953	70.8953
3064	79.6269	79.6269	79.6269	70.8748	70.8748	70.8748
3065	79.4963	79.4963	79.4963	70.8611	70.8611	70.8611
3066	79.4194	79.4194	79.4194	70.8505	70.8505	70.8505
3067	79.3723	79.3723	79.3723	70.8412	70.8412	70.8412
3068	79.3417	79.3417	79.3417	70.8324	70.8324	70.8324
3069	79.3204	79.3204	79.3204	70.8239	70.8239	70.8239

3070	79.3041	79.3041	79.3041	70.8156	70.8156	70.8156
3071	79.2908	79.2908	79.2908	70.8073	70.8073	70.8073
3072	79.279	79.279	79.279	70.799	70.799	70.799
3073	79.268	79.268	79.268	70.7907	70.7907	70.7907
3074	79.2576	79.2576	79.2576	70.7824	70.7824	70.7824
3075	79.2475	79.2475	79.2475	70.7742	70.7742	70.7742
3076	79.2375	79.2375	79.2375	70.7659	70.7659	70.7659
3077	83.0681	99.7532	102.938	70.7646	70.7646	70.7646
3078	85.3037	99.6899	103.259	70.7634	70.7634	70.7634
3079	86.6521	98.6153	102.59	70.7621	70.7621	70.7621
3080	87.5185	97.8149	102.397	70.7608	70.7608	70.7608
3081	88.1237	97.3786	102.627	70.7595	70.7595	70.7595
3082	88.5624	96.9516	102.831	70.7047	70.7047	70.7047
3083	88.892	96.5321	103.02	70.5875	70.5875	70.5875
3084	89.1715	96.1639	103.225	70.4449	70.4449	70.4449
3085	89.4329	95.8681	103.472	70.2925	70.2925	70.2925
3086	89.6662	95.4952	103.682	70.1368	70.1368	70.1368
3087	89.8641	95.037	103.854	69.9805	69.9805	69.9805
3088	90.0475	94.7605	103.932	69.825	69.825	69.825
3089	90.2313	94.7997	103.898	69.6706	69.6706	69.6706
3090	90.4608	94.9481	104.088	69.5176	69.5176	69.5176
3091	90.9317	95.6167	105.337	69.3665	69.3665	69.3665
3092	91.5392	96.4158	106.699	69.2173	69.2173	69.2173
3093	91.7341	96.1357	106.081	69.0691	69.0691	69.0691
3094	91.6182	95.4609	104.929	68.9218	68.9218	68.9218
3095	91.3496	94.6927	103.733	68.7753	68.7753	68.7753
3096	91.243	94.5127	103.498	68.6303	68.6303	68.6303
3097	91.2243	94.4262	103.36	68.4866	68.4866	68.4866
3098	91.2534	94.3931	103.28	68.3443	68.3443	68.3443
3099	91.3139	94.4116	103.259	68.2033	68.2033	68.2033
3100	91.4049	94.5022	103.323	68.0637	68.0637	68.0637
3101	91.5119	94.6089	103.405	67.9254	67.9254	67.9254
3102	91.6273	94.7238	103.497	67.7885	67.7885	67.7885
3103	91.7467	94.8429	103.593	67.6529	67.6529	67.6529
3104	91.868	94.9639	103.693	67.5186	67.5186	67.5186
3105	91.8412	94.6927	103.214	67.3854	67.3854	67.3854
3106	90.2191	91.7654	96.0924	67.2505	67.2505	67.2505
3107	89.2953	90.8416	95.1686	67.1168	67.1168	67.1168
3108	88.7506	90.2968	94.6238	66.9844	66.9844	66.9844
3109	88.4117	89.958	94.285	66.8532	66.8532	66.8532
3110	88.1849	89.7312	94.0581	66.7233	66.7233	66.7233
3111	88.0191	89.5654	93.8923	66.5946	66.5946	66.5946
3112	87.8867	89.433	93.76	66.4671	66.4671	66.4671
3113	87.7728	89.319	93.646	66.3408	66.3408	66.3408
3114	87.6691	89.2154	93.5424	66.2158	66.2158	66.2158
3115	87.5713	89.1176	93.4446	66.0919	66.0919	66.0919
3116	87.4771	89.0233	93.3503	65.9691	65.9691	65.9691
3117	87.385	88.9312	93.2582	65.8476	65.8476	65.8476
3118	87.1866	88.6349	92.7066	65.727	65.727	65.727
3119	87.0118	88.441	92.4625	65.6074	65.6074	65.6074
3120	86.8494	88.26	92.2325	65.489	65.489	65.489
3121	86.6935	88.0857	92.0101	65.3717	65.3717	65.3717
3122	86.5402	87.9141	91.7904	65.2554	65.2554	65.2554
3123	88.0156	90.6436	98.6171	65.1431	65.1431	65.1431
3124	88.8653	91.3442	99.5505	65.0319	65.0319	65.0319
3125	89.1923	91.3846	99.3486	64.9215	64.9215	64.9215

3126	89.2318	91.1466	98.8762	64.8118	64.8118	64.8118
3127	89.1114	90.7578	98.2604	64.7029	64.7029	64.7029
3128	88.9313	90.3744	97.694	64.5948	64.5948	64.5948
3129	88.8003	90.2031	97.4467	64.4877	64.4877	64.4877
3130	88.695	90.0586	97.2281	64.3815	64.3815	64.3815
3131	88.6026	89.9281	97.0255	64.2763	64.2763	64.2763
3132	88.5162	89.8047	96.832	64.172	64.172	64.172
3133	88.4323	89.6847	96.6438	64.0687	64.0687	64.0687
3134	88.3487	89.5661	96.4589	63.9663	63.9663	63.9663
3135	88.2613	89.4345	96.2617	63.8648	63.8648	63.8648
3136	88.1612	89.2629	96.0229	63.7642	63.7642	63.7642
3137	88.053	89.0845	95.7786	63.6645	63.6645	63.6645
3138	87.9388	88.9017	95.5313	63.5656	63.5656	63.5656
3139	87.8203	88.7158	95.2821	63.4676	63.4676	63.4676
3140	87.698	88.5276	95.0319	63.3705	63.3705	63.3705
3141	87.5724	88.3374	94.7811	63.2743	63.2743	63.2743
3142	87.4439	88.1456	94.5298	63.1788	63.1788	63.1788
3143	87.3127	87.9523	94.2782	63.0842	63.0842	63.0842
3144	87.2127	87.8414	94.1661	62.9905	62.9905	62.9905
3145	87.1357	87.7628	94.0964	62.8977	62.8977	62.8977
3146	87.0715	87.697	94.0392	62.8058	62.8058	62.8058
3147	87.0146	87.6384	93.9893	62.7148	62.7148	62.7148
3148	86.9619	87.5841	93.9433	62.6246	62.6246	62.6246
3149	86.9117	87.5324	93.8999	62.5353	62.5353	62.5353
3150	86.8632	87.4824	93.8579	62.4468	62.4468	62.4468
3151	86.8159	87.4335	93.8171	62.3592	62.3592	62.3592
3152	86.7695	87.3857	93.777	62.2724	62.2724	62.2724
3153	86.7239	87.3386	93.7376	62.1865	62.1865	62.1865
3154	86.6777	87.2915	93.6935	62.1013	62.1013	62.1013
3155	86.6312	87.2442	93.648	62.017	62.017	62.017
3156	86.5847	87.197	93.6024	61.9334	61.9334	61.9334
3157	86.5384	87.1499	93.557	61.8507	61.8507	61.8507
3158	86.4923	87.1031	93.5118	61.7688	61.7688	61.7688
3159	86.4465	87.0567	93.4668	61.6876	61.6876	61.6876
3160	86.4011	87.0106	93.4222	61.6072	61.6072	61.6072
3161	86.3559	86.9649	93.3778	61.5275	61.5275	61.5275
3162	86.3111	86.9195	93.3337	61.4487	61.4487	61.4487
3163	86.2667	86.8746	93.2901	61.3705	61.3705	61.3705
3164	86.2227	86.83	93.2467	61.2931	61.2931	61.2931
3165	86.179	86.7858	93.2036	61.2165	61.2165	61.2165
3166	86.1357	86.742	93.1609	61.1406	61.1406	61.1406
3167	86.0927	86.6985	93.1186	61.0653	61.0653	61.0653
3168	86.05	86.6553	93.0762	60.9909	60.9909	60.9909
3169	86.0066	86.6114	93.0296	60.9171	60.9171	60.9171
3170	85.963	86.5672	92.9827	60.844	60.844	60.844
3171	85.9193	86.523	92.936	60.7716	60.7716	60.7716
3172	85.8757	86.4789	92.8894	60.6999	60.6999	60.6999
3173	85.8324	86.4351	92.8431	60.6288	60.6288	60.6288
3174	85.7893	86.3914	92.7971	60.5585	60.5585	60.5585
3175	85.7464	86.3481	92.7514	60.4888	60.4888	60.4888
3176	85.7037	86.305	92.706	60.4198	60.4198	60.4198
3177	85.6614	86.2621	92.6608	60.3514	60.3514	60.3514
3178	85.6193	86.2196	92.616	60.2836	60.2836	60.2836
3179	85.5774	86.1773	92.5715	60.2166	60.2166	60.2166
3180	85.5358	86.1352	92.5274	60.1501	60.1501	60.1501
3181	85.4945	86.0935	92.4835	60.0843	60.0843	60.0843

3182	85.4535	86.052	92.4399	60.0191	60.0191	60.0191
3183	85.4127	86.0108	92.3967	59.9545	59.9545	59.9545
3184	85.3721	85.9698	92.3537	59.8905	59.8905	59.8905
3185	85.3318	85.9291	92.3111	59.8272	59.8272	59.8272
3186	85.2918	85.8887	92.2687	59.7644	59.7644	59.7644
3187	85.252	85.8484	92.2261	59.7022	59.7022	59.7022
3188	85.2122	85.808	92.1827	59.6406	59.6406	59.6406
3189	84.2578	84.6218	88.0418	59.578	59.578	59.578
3190	83.5374	83.8863	86.8466	59.5158	59.5158	59.5158
3191	84.4891	95.7959	87.6102	65.8588	65.8588	90.0615
3192	84.9887	96.3891	88.0296	69.019	69.019	93.3323
3193	83.7415	86.1116	85.7759	66.8362	66.8362	76.4709
3194	82.8273	83.2949	85.1461	63.5821	63.5821	63.5821
3195	82.2434	82.7111	84.5622	62.1604	62.1604	62.1604
3196	81.8576	82.3105	84.2485	61.5144	61.5144	61.5144
3197	81.5991	82.0316	84.1322	61.1969	61.1969	61.1969
3198	81.3836	81.8129	83.9466	61.0188	61.0188	61.0188
3199	81.1925	81.6185	83.7862	60.9001	60.9001	60.9001
3200	81.0164	81.4389	83.6437	60.8069	60.8069	60.8069
3201	80.7993	81.2387	83.2677	60.7248	60.7248	60.7248
3202	80.576	81.0322	82.9508	60.6479	60.6479	60.6479
3203	80.3491	80.824	82.6319	60.5734	60.5734	60.5734
3204	80.1219	80.621	82.3187	60.5004	60.5004	60.5004
3205	79.8948	80.42	82.0077	60.4283	60.4283	60.4283
3206	79.6696	80.2249	81.7046	60.357	60.357	60.357
3207	79.431	80.0575	81.3183	60.2864	60.2864	60.2864
3208	80.9528	92.3459	83.8982	66.6429	66.6429	90.9216
3209	81.7006	92.7423	84.5561	69.6412	69.6412	93.4387
3210	82.2946	93.1118	86.066	71.0834	71.0834	93.9583
3211	82.8178	93.4116	87.537	71.8013	71.8013	93.5953
3212	83.3982	94.0258	89.2595	72.1764	72.1764	92.8463
3213	84.4749	96.0291	92.6983	72.3824	72.3824	91.9295
3214	84.8595	95.5902	92.5076	72.4917	72.4917	90.9173
3215	84.9448	94.965	92.4081	72.5262	72.5262	89.7971
3216	85.1082	95.0206	92.9434	72.5029	72.5029	88.6131
3217	85.4892	95.7932	93.9815	72.4309	72.4309	87.3788
3218	85.586	95.3824	93.8845	72.3006	72.3006	86.0311
3219	85.7732	95.4654	94.8697	72.1342	72.1342	84.7031
3220	86.0746	96.031	96.0718	71.9412	71.9412	83.3947
3221	86.4184	96.7846	97.2166	71.7103	71.7103	82.0292
3222	86.7158	97.4551	98.1797	71.4272	71.4272	80.5559
3223	86.9819	98.2116	99.3146	71.1168	71.1168	79.1293
3224	86.0594	93.8574	95.2844	69.6523	69.6523	72.1573
3225	85.0721	92.3371	93.6279	68.3869	68.3869	68.3869
3226	84.5913	93.3463	94.2825	67.831	67.831	67.831
3227	82.378	82.378	82.378	67.5821	67.5821	67.5821
3228	81.1438	81.1438	81.1438	67.4691	67.4691	67.4691
3229	80.4536	80.4536	80.4536	67.4156	67.4156	67.4156
3230	80.0656	80.0656	80.0656	67.3881	67.3881	67.3881
3231	79.8457	79.8457	79.8457	67.3721	67.3721	67.3721
3232	79.7191	79.7191	79.7191	67.361	67.361	67.361
3233	79.6443	79.6443	79.6443	67.3521	67.3521	67.3521
3234	79.5984	79.5984	79.5984	67.3442	67.3442	67.3442
3235	79.5685	79.5685	79.5685	67.3367	67.3367	67.3367
3236	79.5475	79.5475	79.5475	67.3293	67.3293	67.3293
3237	79.5314	79.5314	79.5314	67.3221	67.3221	67.3221

3238	79.5181	79.5181	79.5181	67.3149	67.3149	67.3149
3239	79.5063	79.5063	79.5063	67.3077	67.3077	67.3077
3240	79.4953	79.4953	79.4953	67.3006	67.3006	67.3006
3241	79.4849	79.4849	79.4849	67.2934	67.2934	67.2934
3242	79.4747	79.4747	79.4747	67.2862	67.2862	67.2862
3243	79.4646	79.4646	79.4646	67.2791	67.2791	67.2791
3244	83.2904	98.8319	102.208	67.2785	67.2785	67.2785
3245	85.5231	98.7657	102.526	67.278	67.278	67.278
3246	86.8718	97.6919	101.939	67.2775	67.2775	67.2775
3247	87.7463	97.5284	102.443	67.2769	67.2769	67.2769
3248	88.3301	97.0961	102.67	67.2335	67.2335	67.2335
3249	88.741	96.7649	102.948	67.1402	67.1402	67.1402
3250	89.0535	96.327	103.115	67.0265	67.0265	67.0265
3251	89.3315	96.0455	103.377	66.905	66.905	66.905
3252	89.5917	95.7469	103.621	66.7809	66.7809	66.7809
3253	89.806	95.3086	103.809	66.6564	66.6564	66.6564
3254	89.9943	94.8449	103.975	66.5324	66.5324	66.5324
3255	90.1781	94.8135	103.946	66.4093	66.4093	66.4093
3256	90.3621	94.8433	103.897	66.2873	66.2873	66.2873
3257	90.7781	95.4068	104.962	66.1668	66.1668	66.1668
3258	91.3855	96.231	106.422	66.048	66.048	66.048
3259	91.6235	96.0311	105.982	65.93	65.93	65.93
3260	91.4704	95.2116	104.593	65.8125	65.8125	65.8125
3261	91.227	94.5399	103.558	65.6957	65.6957	65.6957
3262	91.1299	94.3563	103.309	65.58	65.58	65.58
3263	91.1117	94.2567	103.148	65.4654	65.4654	65.4654
3264	91.1464	94.244	103.084	65.3519	65.3519	65.3519
3265	91.2251	94.3222	103.124	65.2395	65.2395	65.2395
3266	91.3274	94.4238	103.189	65.1281	65.1281	65.1281
3267	91.442	94.5379	103.268	65.0179	65.0179	65.0179
3268	91.3173	94.0093	102.396	64.9083	64.9083	64.9083
3269	91.039	93.3106	101.342	64.7993	64.7993	64.7993
3270	90.6715	92.5363	100.224	64.691	64.691	64.691
3271	90.2502	91.7213	99.0758	64.5833	64.5833	64.5833
3272	89.9594	91.3551	98.5851	64.4765	64.4765	64.4765
3273	89.7452	91.0817	98.1997	64.3707	64.3707	64.3707
3274	89.5712	90.85	97.859	64.2658	64.2658	64.2658
3275	89.4176	90.6403	97.5433	64.1617	64.1617	64.1617
3276	89.2626	90.4003	97.1942	64.0586	64.0586	64.0586
3277	89.0923	90.1102	96.7914	63.9563	63.9563	63.9563
3278	88.9107	89.8101	96.3801	63.8549	63.8549	63.8549
3279	88.72	89.5023	95.9623	63.7543	63.7543	63.7543
3280	88.5215	89.1883	95.5397	63.6545	63.6545	63.6545
3281	88.3672	88.9952	95.3237	63.5557	63.5557	63.5557
3282	88.2598	88.8847	95.2297	63.4578	63.4578	63.4578
3283	88.1784	88.8002	95.1615	63.3609	63.3609	63.3609
3284	88.1115	88.7303	95.1075	63.2648	63.2648	63.2648
3285	88.0528	88.6686	95.0615	63.1697	63.1697	63.1697
3286	87.9974	88.611	95.0134	63.0755	63.0755	63.0755
3287	87.9429	88.5548	94.9609	62.9822	62.9822	62.9822
3288	87.889	88.4993	94.9091	62.8898	62.8898	62.8898
3289	87.8357	88.4445	94.8578	62.7983	62.7983	62.7983
3290	88.0894	99.5044	91.0461	69.1403	69.1403	93.4507
3291	88.1312	99.2042	90.9948	72.1232	72.1232	95.9636
3292	87.4667	93.8335	90.2594	71.9186	71.9186	88.888
3293	86.2921	86.943	89.0375	67.6824	67.6824	67.6824

3294	85.5829	86.2175	88.4056	65.8271	65.8271	65.8271
3295	85.1422	85.7601	88.0943	64.9797	64.9797	64.9797
3296	84.8454	85.4518	87.9091	64.5592	64.5592	64.5592
3297	84.6747	85.2727	88.0134	64.32	64.32	64.32
3298	84.5387	85.137	88.0064	64.1582	64.1582	64.1582
3299	84.4287	85.0322	88.037	64.0296	64.0296	64.0296
3300	84.3245	84.9331	88.0342	63.9157	63.9157	63.9157
3301	84.1553	84.7571	87.7298	63.8085	63.8085	63.8085
3302	83.9893	84.5911	87.5638	63.7046	63.7046	63.7046
3303	83.8256	84.4274	87.4001	63.6028	63.6028	63.6028
3304	83.6337	84.2321	87.1061	63.5023	63.5023	63.5023
3305	83.3577	83.9618	86.4781	63.4027	63.4027	63.4027
3306	83.0461	83.6851	85.8482	63.304	63.304	63.304
3307	82.7312	83.4426	85.2672	63.2062	63.2062	63.2062
3308	82.4282	83.269	84.7345	63.1092	63.1092	63.1092
3309	81.5181	81.6005	81.7201	63.012	63.012	63.012
3310	81.275	81.9944	82.593	63.6105	63.6105	66.337
3311	81.3453	82.5643	83.5785	64.3439	64.3439	68.9636
3312	81.4544	82.9286	84.1553	64.9349	64.9349	70.5221
3313	80.9825	81.7074	82.3106	64.5134	64.5134	67.2608
3314	80.2076	80.235	80.2749	63.6321	63.6321	63.6321
3315	80.3247	81.1959	82.4617	63.2049	63.2049	63.2049
3316	80.3348	81.2243	82.5803	62.9698	62.9698	62.9698
3317	81.9565	92.7898	85.6281	68.8778	68.8778	91.8404
3318	83.0452	93.6582	87.7093	71.4798	71.4798	93.3572
3319	83.891	94.4575	89.5987	72.645	72.645	93.3879
3320	85.1128	96.6181	93.2033	73.1786	73.1786	92.7889
3321	85.6264	96.4006	93.307	73.4202	73.4202	91.9017
3322	85.7706	95.8201	93.2333	73.5056	73.5056	90.8298
3323	85.9432	95.8305	93.7423	73.4985	73.4985	89.6583
3324	86.347	96.6724	94.8475	73.4292	73.4292	88.4285
3325	86.4538	96.2717	94.7604	73.2958	73.2958	87.0778
3326	86.6321	96.327	95.6907	73.1232	73.1232	85.741
3327	86.9232	96.8609	96.8822	72.9224	72.9224	84.4222
3328	87.2634	97.6145	98.0346	72.685	72.685	83.0547
3329	87.5563	98.2749	98.9834	72.394	72.394	81.57
3330	87.8172	99.0261	100.113	72.0761	72.0761	80.1358
3331	86.9467	94.9169	96.3305	70.6594	70.6594	73.4277
3332	85.9323	93.1342	94.44	69.3491	69.3491	69.3491
3333	85.4363	94.1282	95.0794	68.7733	68.7733	68.7733
3334	83.2148	83.2148	83.2148	68.5157	68.5157	68.5157
3335	81.976	81.976	81.976	68.3988	68.3988	68.3988
3336	81.2831	81.2831	81.2831	68.3436	68.3436	68.3436
3337	80.8936	80.8936	80.8936	68.3152	68.3152	68.3152
3338	80.6727	80.6727	80.6727	68.2987	68.2987	68.2987
3339	80.5455	80.5455	80.5455	68.2874	68.2874	68.2874
3340	80.4703	80.4703	80.4703	68.2783	68.2783	68.2783
3341	80.424	80.424	80.424	68.2702	68.2702	68.2702
3342	80.3938	80.3938	80.3938	68.2626	68.2626	68.2626
3343	80.3725	80.3725	80.3725	68.2551	68.2551	68.2551
3344	80.3562	80.3562	80.3562	68.2477	68.2477	68.2477
3345	80.3426	80.3426	80.3426	68.2404	68.2404	68.2404
3346	80.3306	80.3306	80.3306	68.2331	68.2331	68.2331
3347	80.3195	80.3195	80.3195	68.2258	68.2258	68.2258
3348	80.3088	80.3088	80.3088	68.2185	68.2185	68.2185
3349	80.2983	80.2983	80.2983	68.2112	68.2112	68.2112

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3350	80.2881	80.2881	80.2881	68.2039	68.2039	68.2039
3351	84.1141	99.7528	103.113	68.203	68.203	68.203
3352	86.3468	99.6867	103.431	68.2021	68.2021	68.2021
3353	87.6946	98.5589	102.778	68.2012	68.2012	68.2012
3354	88.5672	98.3895	103.275	68.2004	68.2004	68.2004
3355	89.1521	97.9567	103.506	68.1538	68.1538	68.1538
3356	89.5559	97.6041	103.76	68.0542	68.0542	68.0542
3357	89.8638	97.163	103.927	67.9329	67.9329	67.9329
3358	90.1363	96.8741	104.182	67.8032	67.8032	67.8032
3359	90.3909	96.5696	104.42	67.6708	67.6708	67.6708
3360	90.6011	96.1315	104.605	67.5379	67.5379	67.5379
3361	90.7846	95.6629	104.766	67.4055	67.4055	67.4055
3362	90.9627	95.6045	104.74	67.2742	67.2742	67.2742
3363	91.1409	95.6286	104.686	67.144	67.144	67.144
3364	91.5393	96.1588	105.687	67.0154	67.0154	67.0154
3365	92.135	96.9721	107.139	66.8885	66.8885	66.8885
3366	92.3875	96.8179	106.788	66.7625	66.7625	66.7625
3367	92.2359	95.9917	105.385	66.6371	66.6371	66.6371
3368	91.9822	95.2923	104.308	66.5125	66.5125	66.5125
3369	91.8753	95.0934	104.04	66.3891	66.3891	66.3891
3370	91.8474	94.978	103.858	66.2668	66.2668	66.2668
3371	91.8796	94.977	103.806	66.1457	66.1457	66.1457
3372	91.9549	95.0517	103.839	66.0258	66.0258	66.0258
3373	92.0534	95.1495	103.897	65.907	65.907	65.907
3374	92.0143	94.864	103.384	65.7892	65.7892	65.7892
3375	91.7492	94.118	102.231	65.672	65.672	65.672
3376	91.3556	93.2602	100.981	65.5554	65.5554	65.5554
3377	90.8876	92.3458	99.6893	65.4396	65.4396	65.4396
3378	90.5675	91.953	99.1636	65.3247	65.3247	65.3247
3379	90.3278	91.6462	98.7302	65.2108	65.2108	65.2108
3380	90.1302	91.3836	98.3445	65.0979	65.0979	65.0979
3381	89.9539	91.1428	97.9848	64.986	64.986	64.986
3382	89.7653	90.824	97.5436	64.875	64.875	64.875
3383	89.5683	90.5006	97.1014	64.765	64.765	64.765
3384	89.365	90.1746	96.6601	64.6559	64.6559	64.6559
3385	89.5133	100.361	93.0946	70.6287	70.6287	93.6707
3386	89.7951	100.423	94.4172	73.246	73.246	95.1869
3387	90.1644	100.698	95.7861	74.4033	74.4033	95.1871
3388	89.7033	95.8487	94.9019	73.3533	73.3533	87.1827
3389	88.2352	89.1443	91.4118	69.5251	69.5251	69.5251
3390	87.3506	88.2598	90.5273	67.8308	67.8308	67.8308
3391	86.7832	87.6924	89.9599	67.0401	67.0401	67.0401
3392	86.3885	87.2976	89.5652	66.6322	66.6322	66.6322
3393	86.088	86.9971	89.2647	66.387	66.387	66.387
3394	85.9975	86.9864	89.7034	66.2115	66.2115	66.2115
3395	85.8884	86.8871	89.6511	66.0662	66.0662	66.0662
3396	85.7708	86.7793	89.5903	65.9342	65.9342	65.9342
3397	85.6499	86.6682	89.5263	65.8087	65.8087	65.8087
3398	85.5288	86.5568	89.4619	65.6864	65.6864	65.6864
3399	85.3176	86.3018	88.9958	65.5661	65.5661	65.5661
3400	85.1287	86.1129	88.8069	65.4473	65.4473	65.4473
3401	84.9524	85.9366	88.6306	65.3298	65.3298	65.3298
3402	84.7835	85.7676	88.4617	65.2135	65.2135	65.2135
3403	84.6191	85.6033	88.2973	65.0983	65.0983	65.0983
3404	84.4577	85.4419	88.1359	64.9841	64.9841	64.9841
3405	84.2278	85.1733	87.6717	64.8709	64.8709	64.8709

3406	83.946	84.8542	87.1139	64.7587	64.7587	64.7587
3407	83.6512	84.5586	86.584	64.6474	64.6474	64.6474
3408	83.0622	83.6433	84.8254	64.5365	64.5365	64.5365
3409	82.2932	82.5524	82.8822	64.6681	64.6681	65.6182
3410	82.3461	83.4202	84.7871	65.441	65.441	69.3787
3411	82.7143	84.5067	86.4128	66.4153	66.4153	72.8332
3412	82.8791	84.8834	86.5543	67.0361	67.0361	74.0242
3413	82.9605	85.2358	86.6697	67.5125	67.5125	75.0477
3414	83.0021	85.5495	86.7528	67.9331	67.9331	75.9966
3415	83.0209	85.7989	86.8432	68.303	68.303	76.7527
3416	82.8837	85.1927	86.5981	68.3362	68.3362	75.9368
3417	82.745	85.0084	86.4524	68.4075	68.4075	75.9195
3418	82.6055	84.8232	86.3059	68.4924	68.4924	75.9158
3419	82.4653	84.6373	86.1588	68.5806	68.5806	75.9154
3420	82.3247	84.4511	86.0112	68.6678	68.6678	75.9139
3421	82.2365	84.582	85.9564	68.8857	68.8857	76.5572
3422	82.1358	84.4813	85.8557	69.056	69.056	76.7275
3423	82.0287	84.3742	85.7487	69.2054	69.2054	76.8769
3424	81.9186	84.2641	85.6386	69.3452	69.3452	77.0167
3425	81.8072	84.1527	85.5272	69.4803	69.4803	77.1518
3426	81.6955	84.041	85.4154	69.6125	69.6125	77.284
3427	81.584	83.9295	85.3039	69.7429	69.7429	77.4144
3428	81.4729	83.8184	85.1928	69.8718	69.8718	77.5433
3429	81.3625	83.7079	85.0824	69.9994	69.9994	77.6709
3430	81.2181	83.3894	84.9114	70.0377	70.0377	77.371
3431	81.0528	83.0231	84.7317	70.0057	70.0057	76.9025
3432	80.8894	82.6965	84.5863	69.9343	69.9343	76.3919
3433	80.7262	82.3701	84.4411	69.8373	69.8373	75.8555
3434	80.1229	81.1217	82.3929	69.2332	69.2332	72.895
3435	79.2314	79.5576	79.9727	68.341	68.341	69.5369
3436	82.0402	93.6194	90.3221	72.72	72.72	92.2357
3437	83.3609	94.1271	91.0355	74.5962	74.5962	93.0675
3438	83.9509	94.0051	91.4138	75.3654	75.3654	92.6995
3439	84.3634	94.2416	92.1493	75.6368	75.6368	91.8146
3440	84.9087	95.2407	93.4117	75.6722	75.6722	90.6874
3441	85.0958	94.9185	93.4043	75.5695	75.5695	89.363
3442	85.3195	95.0149	94.3711	75.3967	75.3967	88.0236
3443	85.639	95.5732	95.591	75.1834	75.1834	86.6916
3444	85.9995	96.3478	96.7657	74.9286	74.9286	85.3076
3445	86.3075	97.0223	97.728	74.618	74.618	83.8025
3446	86.5806	97.7858	98.8699	74.2797	74.2797	82.348
3447	85.7313	93.7327	95.144	72.8526	72.8526	75.6686
3448	84.7205	91.911	93.2195	71.5209	71.5209	71.5209
3449	84.2266	92.9071	93.8611	70.9355	70.9355	70.9355
3450	82.0066	82.0066	82.0066	70.6735	70.6735	70.6735
3451	80.7687	80.7687	80.7687	70.5544	70.5544	70.5544
3452	80.0765	80.0765	80.0765	70.4979	70.4979	70.4979
3453	79.6875	79.6875	79.6875	70.4688	70.4688	70.4688
3454	79.467	79.467	79.467	70.4517	70.4517	70.4517
3455	79.3401	79.3401	79.3401	70.4398	70.4398	70.4398
3456	79.2653	79.2653	79.2653	70.4303	70.4303	70.4303
3457	79.2193	79.2193	79.2193	70.4217	70.4217	70.4217
3458	79.1894	79.1894	79.1894	70.4136	70.4136	70.4136
3459	79.1685	79.1685	79.1685	70.4057	70.4057	70.4057
3460	79.1525	79.1525	79.1525	70.3979	70.3979	70.3979
3461	79.1393	79.1393	79.1393	70.3901	70.3901	70.3901



3462	79.1276	79.1276	79.1276	70.3823	70.3823	70.3823
3463	79.1167	79.1167	79.1167	70.3745	70.3745	70.3745
3464	79.1063	79.1063	79.1063	70.3668	70.3668	70.3668
3465	79.0962	79.0962	79.0962	70.359	70.359	70.359
3466	79.0863	79.0863	79.0863	70.3513	70.3513	70.3513
3467	82.9127	98.5691	101.926	70.3497	70.3497	70.3497
3468	85.1458	98.5033	102.245	70.3482	70.3482	70.3482
3469	86.4938	97.3661	101.58	70.3466	70.3466	70.3466
3470	87.3679	97.202	102.083	70.3451	70.3451	70.3451
3471	87.9522	96.7556	102.299	70.2913	70.2913	70.2913
3472	88.3619	96.4158	102.568	70.1768	70.1768	70.1768
3473	88.6769	95.9819	102.741	70.0376	70.0376	70.0376
3474	88.9571	95.6991	103.003	69.8887	69.8887	69.8887
3475	89.2196	95.4026	103.249	69.7367	69.7367	69.7367
3476	89.4383	94.9736	103.443	69.5842	69.5842	69.5842
3477	89.6301	94.5134	103.612	69.4324	69.4324	69.4324
3478	89.8163	94.4594	103.596	69.2816	69.2816	69.2816
3479	90.0028	94.4917	103.55	69.1322	69.1322	69.1322
3480	90.4071	95.0249	104.548	68.9845	68.9845	68.9845
3481	91.0096	95.845	106.007	68.8386	68.8386	68.8386
3482	91.2746	95.7105	105.685	68.6939	68.6939	68.6939
3483	91.1334	94.8941	104.292	68.55	68.55	68.55
3484	90.8865	94.1974	103.214	68.4071	68.4071	68.4071
3485	90.7869	94.006	102.953	68.2655	68.2655	68.2655
3486	90.7668	93.899	102.781	68.1252	68.1252	68.1252
3487	90.8061	93.9036	102.734	67.9863	67.9863	67.9863
3488	90.8888	93.9856	102.775	67.8487	67.8487	67.8487
3489	90.9946	94.0908	102.841	67.7124	67.7124	67.7124
3490	90.9958	93.8998	102.465	67.5773	67.5773	67.5773
3491	90.7684	93.2091	101.383	67.443	67.443	67.443
3492	90.4133	92.4104	100.209	67.3096	67.3096	67.3096
3493	89.9856	91.5576	98.9974	67.177	67.177	67.177
3494	89.6461	91.0537	98.3061	67.0456	67.0456	67.0456
3495	89.404	90.7485	97.8818	66.9153	66.9153	66.9153
3496	89.213	90.4961	97.5132	66.7861	66.7861	66.7861
3497	89.048	90.2712	97.1749	66.6581	66.6581	66.6581
3498	88.8854	90.0189	96.8088	66.5312	66.5312	66.5312
3499	88.7103	89.7212	96.3959	66.4054	66.4054	66.4054
3500	88.526	89.4167	95.9784	66.2807	66.2807	66.2807
3501	88.3343	89.1072	95.5582	66.157	66.157	66.157
3502	88.1364	88.7938	95.1363	66.0344	66.0344	66.0344
3503	87.9893	88.6171	94.947	65.9129	65.9129	65.9129
3504	87.8872	88.5119	94.8582	65.7926	65.7926	65.7926
3505	87.8099	88.4314	94.794	65.6735	65.6735	65.6735
3506	87.7463	88.3649	94.7434	65.5555	65.5555	65.5555
3507	87.6907	88.3063	94.7004	65.4386	65.4386	65.4386
3508	87.638	88.2514	94.6541	65.3228	65.3228	65.3228
3509	87.586	88.1978	94.6043	65.2081	65.2081	65.2081
3510	87.5347	88.1449	94.555	65.0946	65.0946	65.0946
3511	87.484	88.0926	94.5063	64.9821	64.9821	64.9821
3512	87.4339	88.041	94.4582	64.8706	64.8706	64.8706
3513	87.3844	87.9899	94.4106	64.7603	64.7603	64.7603
3514	87.3324	87.9363	94.3505	64.6509	64.6509	64.6509
3515	87.2788	87.8811	94.2874	64.5426	64.5426	64.5426
3516	87.2245	87.8252	94.2237	64.4354	64.4354	64.4354
3517	87.1698	87.769	94.1599	64.3291	64.3291	64.3291



3518	87.1152	87.7128	94.0963	64.2238	64.2238	64.2238
3519	87.0606	87.6567	94.0329	64.1196	64.1196	64.1196
3520	85.6868	86.051	88.0694	64.0142	64.0142	64.0142
3521	84.8468	85.2109	87.2294	63.9098	63.9098	63.9098
3522	84.2969	84.6611	86.6795	63.8064	63.8064	63.8064
3523	83.9051	84.2693	86.2878	63.704	63.704	63.704
3524	83.5997	83.9639	85.9824	63.6025	63.6025	63.6025
3525	84.3177	91.7104	86.7961	68.5488	68.5488	87.8242
3526	85.3709	96.7224	88.4591	72.3362	72.3362	96.5932
3527	85.9153	97.3217	88.9212	74.3759	74.3759	98.688
3528	86.1568	97.4507	89.0768	75.6108	75.6108	99.7537
3529	86.2279	97.1774	89.1801	76.3928	76.3928	99.988
3530	86.5203	97.2749	90.6801	76.8265	76.8265	99.3599
3531	86.8317	97.3355	91.8088	77.0706	77.0706	98.4774
3532	87.502	98.461	94.2052	77.2069	77.2069	97.4765
3533	88.2866	99.5697	96.3474	77.2733	77.2733	96.4087
3534	88.4805	98.9023	95.9364	77.2848	77.2848	95.2867
3535	88.4943	98.272	95.962	77.2384	77.2384	94.0679
3536	88.7786	98.9109	96.9306	77.1478	77.1478	92.8216
3537	89.0299	99.1412	97.4486	77.0067	77.0067	91.4924
3538	89.1223	98.8546	97.6633	76.817	76.817	90.1032
3539	89.3228	99.0044	98.7594	76.5932	76.5932	88.725
3540	89.6419	99.7665	99.9821	76.3486	76.3486	87.3871
3541	89.9416	100.443	100.982	76.0534	76.0534	85.9167
3542	90.2012	101.127	101.995	75.7181	75.7181	84.4231
3543	90.1093	100.432	101.664	75.041	75.041	81.4061
3544	88.7738	95.027	96.5736	73.1838	73.1838	73.3273
3545	88.0422	95.8728	97.029	72.3062	72.3062	72.3062
3546	85.6948	85.6948	85.6948	71.9162	71.9162	71.9162
3547	84.3857	84.3857	84.3857	71.741	71.741	71.741
3548	83.6535	83.6535	83.6535	71.6599	71.6599	71.6599
3549	83.2419	83.2419	83.2419	71.6198	71.6198	71.6198
3550	83.0084	83.0084	83.0084	71.5978	71.5978	71.5978
3551	82.8739	82.8739	82.8739	71.5837	71.5837	71.5837
3552	82.7944	82.7944	82.7944	71.573	71.573	71.573
3553	82.7455	82.7455	82.7455	71.5639	71.5639	71.5639
3554	82.7135	82.7135	82.7135	71.5554	71.5554	71.5554
3555	82.691	82.691	82.691	71.5472	71.5472	71.5472
3556	82.6737	82.6737	82.6737	71.5391	71.5391	71.5391
3557	82.6594	82.6594	82.6594	71.5311	71.5311	71.5311
3558	82.6467	82.6467	82.6467	71.5231	71.5231	71.5231
3559	82.6348	82.6348	82.6348	71.5151	71.5151	71.5151
3560	82.6235	82.6235	82.6235	71.5071	71.5071	71.5071
3561	82.6124	82.6124	82.6124	71.4991	71.4991	71.4991
3562	82.6015	82.6015	82.6015	71.4912	71.4912	71.4912
3563	86.4325	103.4	106.537	71.4893	71.4893	71.4893
3564	88.6678	103.337	106.859	71.4874	71.4874	71.4874
3565	90.0161	102.338	106.253	71.4854	71.4854	71.4854
3566	90.8796	101.304	105.804	71.4835	71.4835	71.4835
3567	91.4828	100.866	106.032	71.4816	71.4816	71.4816
3568	91.9137	100.395	106.2	71.4241	71.4241	71.4241
3569	92.2281	99.9602	106.373	71.3021	71.3021	71.3021
3570	92.4884	99.5558	106.55	71.1538	71.1538	71.1538
3571	92.7264	99.2307	106.768	70.9953	70.9953	70.9953
3572	92.9406	98.8503	106.96	70.8333	70.8333	70.8333
3573	93.1175	98.371	107.111	70.6709	70.6709	70.6709

ANEXO 1E
SIMULACIONES, CÁLCULOS Y GRÁFICAS

INVERTER TEMPERAT-EBRCL13.xls

ALSTOM

00011368

3574	93.2772	98.0082	107.189	70.5091	70.5091	70.5091
3575	93.4378	98.0146	107.117	70.3485	70.3485	70.3485
3576	93.6518	98.1446	107.301	70.1894	70.1894	70.1894
3577	94.1326	98.8442	108.643	70.0323	70.0323	70.0323
3578	94.7095	99.5554	109.881	69.8769	69.8769	69.8769
3579	94.7212	98.8603	108.582	69.7225	69.7225	69.7225
3580	94.435	97.9221	107.086	69.5689	69.5689	69.5689
3581	94.2325	97.5032	106.489	69.4167	69.4167	69.4167
3582	94.1456	97.3262	106.244	69.2659	69.2659	69.2659
3583	94.1218	97.2196	106.074	69.1165	69.1165	69.1165
3584	94.1596	97.2568	106.069	68.9685	68.9685	68.9685
3585	94.2304	97.327	106.098	68.822	68.822	68.822
3586	94.3189	97.4148	106.147	68.6769	68.6769	68.6769
3587	94.163	96.842	105.217	68.5328	68.5328	68.5328
3588	93.8347	96.0545	104.042	68.3896	68.3896	68.3896
3589	93.4086	95.1873	102.802	68.2474	68.2474	68.2474
3590	92.9703	94.4084	101.719	68.1062	68.1062	68.1062
3591	92.6639	94.0369	101.224	67.9663	67.9663	67.9663
3592	92.4279	93.7382	100.807	67.8276	67.8276	67.8276
3593	92.2289	93.4784	100.432	67.6902	67.6902	67.6902
3594	92.0479	93.2364	100.078	67.554	67.554	67.554
3595	91.8539	92.9184	99.6436	67.4189	67.4189	67.4189
3596	91.6503	92.5936	99.2048	67.285	67.285	67.285
3597	91.4396	92.2642	98.764	67.1523	67.1523	67.1523
3598	91.2226	91.9311	98.3217	67.0207	67.0207	67.0207
3599	91.0234	91.6526	97.975	66.8904	66.8904	66.8904
3600	90.8832	91.5092	97.8482	66.7612	66.7612	66.7612
3601	90.7753	91.3982	97.7536	66.6333	66.6333	66.6333
3602	90.6854	91.3054	97.6767	66.5066	66.5066	66.5066
3603	90.6058	91.2228	97.6099	66.3811	66.3811	66.3811
3604	90.5319	91.1461	97.5471	66.2568	66.2568	66.2568
3605	90.4589	91.0714	97.4762	66.1337	66.1337	66.1337
3606	90.3867	90.9976	97.4061	66.0118	66.0118	66.0118
3607	90.3153	90.9247	97.3367	65.891	65.891	65.891
3608	90.2447	90.8525	97.2681	65.7713	65.7713	65.7713
3609	90.1749	90.7811	97.2002	65.6528	65.6528	65.6528
3610	90.1043	90.7089	97.1267	65.5355	65.5355	65.5355
3611	90.0316	90.6346	97.0444	65.4192	65.4192	65.4192
3612	89.9579	90.5593	96.9613	65.304	65.304	65.304
3613	89.8838	90.4837	96.878	65.19	65.19	65.19
3614	89.8098	90.4081	96.795	65.077	65.077	65.077
3615	89.7361	90.333	96.7129	64.965	64.965	64.965
3616	89.6627	90.2583	96.632	64.8542	64.8542	64.8542
3617	88.4915	88.8364	91.6459	64.7427	64.7427	64.7427
3618	89.2279	100.546	92.3408	71.0405	71.0405	95.2566
3619	89.592	100.995	92.619	74.15	74.15	98.4629
3620	89.7323	101.089	92.6684	75.8587	75.8587	100.088
3621	89.6975	100.666	92.5344	76.8444	76.8444	100.542
3622	89.9374	100.697	94.0625	77.3437	77.3437	99.9076
3623	90.2196	100.716	95.2171	77.5957	77.5957	98.9685
3624	90.8789	101.862	97.6444	77.7331	77.7331	97.9732
3625	89.0251	89.9254	92.1212	72.7935	72.7935	72.7935
3626	87.9711	88.8872	91.2129	70.616	70.616	70.616
3627	87.2683	88.1684	90.3607	69.6076	69.6076	69.6076
3628	86.7633	87.6659	89.726	69.0947	69.0947	69.0947
3629	86.3796	87.2952	89.2608	68.7922	68.7922	68.7922

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00011369

3630	86.1795	87.0965	89.4304	68.5796	68.5796	68.5796
3631	86.016	86.9467	89.3689	68.4059	68.4059	68.4059
3632	85.8601	86.7991	89.2641	68.2494	68.2494	68.2494
3633	85.7097	86.657	89.1648	68.101	68.101	68.101
3634	85.5636	86.5192	89.07	67.9567	67.9567	67.9567
3635	85.3428	86.2651	88.6421	67.8149	67.8149	67.8149
3636	85.1416	86.0639	88.4409	67.675	67.675	67.675
3637	84.9516	85.8739	88.2509	67.5365	67.5365	67.5365
3638	84.7683	85.6906	88.0676	67.3995	67.3995	67.3995
3639	84.5892	85.5114	87.8885	67.2637	67.2637	67.2637
3640	84.4129	85.3352	87.7122	67.1293	67.1293	67.1293
3641	84.2388	85.161	87.538	66.9961	66.9961	66.9961
3642	86.4754	97.2594	94.2272	71.795	71.795	90.6362
3643	87.7353	98.6099	95.4921	74.0591	74.0591	92.6708
3644	88.2554	98.3716	95.7169	74.9892	74.9892	92.4348
3645	88.5783	98.4107	96.2986	75.3272	75.3272	91.5955
3646	89.0987	99.4687	97.6162	75.3943	75.3943	90.5004
3647	89.2594	99.1196	97.5822	75.3086	75.3086	89.1922
3648	89.4353	99.1354	98.4212	75.1453	75.1453	87.857
3649	89.7109	99.6129	99.597	74.938	74.938	86.526
3650	90.0425	100.365	100.762	74.691	74.691	85.1575
3651	90.3221	101.001	101.679	74.3855	74.3855	83.6515
3652	90.5665	101.736	102.792	74.0528	74.0528	82.2025
3653	89.7879	98.086	99.4743	72.7263	72.7263	75.9959
3654	88.7161	95.7979	97.1323	71.3297	71.3297	71.3297
3655	88.1878	96.7597	97.7395	70.716	70.716	70.716
3656	85.9489	85.9489	85.9489	70.4417	70.4417	70.4417
3657	84.7	84.7	84.7	70.3175	70.3175	70.3175
3658	84.0012	84.0012	84.0012	70.2588	70.2588	70.2588
3659	83.6082	83.6082	83.6082	70.2289	70.2289	70.2289
3660	83.3849	83.3849	83.3849	70.2116	70.2116	70.2116
3661	83.2561	83.2561	83.2561	70.1998	70.1998	70.1998
3662	83.1797	83.1797	83.1797	70.1904	70.1904	70.1904
3663	83.1324	83.1324	83.1324	70.182	70.182	70.182
3664	83.1013	83.1013	83.1013	70.1741	70.1741	70.1741
3665	83.0793	83.0793	83.0793	70.1665	70.1665	70.1665
3666	83.0622	83.0622	83.0622	70.1589	70.1589	70.1589
3667	83.0479	83.0479	83.0479	70.1513	70.1513	70.1513
3668	83.0351	83.0351	83.0351	70.1438	70.1438	70.1438
3669	83.0233	83.0233	83.0233	70.1363	70.1363	70.1363
3670	83.0119	83.0119	83.0119	70.1288	70.1288	70.1288
3671	83.0007	83.0007	83.0007	70.1213	70.1213	70.1213
3672	82.9897	82.9897	82.9897	70.1137	70.1137	70.1137
3673	86.8158	102.64	105.968	70.1121	70.1121	70.1121
3674	89.0483	102.573	106.287	70.1105	70.1105	70.1105
3675	90.3943	101.343	105.508	70.1088	70.1088	70.1088
3676	91.2654	101.172	106.003	70.1071	70.1071	70.1071
3677	91.8755	100.747	106.247	70.1055	70.1055	70.1055
3678	92.3112	100.427	106.535	70.0526	70.0526	70.0526
3679	92.6246	99.9842	106.699	69.9401	69.9401	69.9401
3680	92.8898	99.6726	106.937	69.8033	69.8033	69.8033
3681	93.131	99.3548	107.162	69.6571	69.6571	69.6571
3682	93.3281	98.9113	107.334	69.5078	69.5078	69.5078
3683	93.4943	98.4216	107.474	69.3579	69.3579	69.3579
3684	93.6541	98.3084	107.45	69.2087	69.2087	69.2087
3685	93.8137	98.3138	107.378	69.0606	69.0606	69.0606

SIMULACIONES, CÁLCULOS Y GRÁFICAS

ALSTOM

00011370

3686	94.1699	98.7718	108.248	68.914	68.914	68.914
3687	94.7331	99.5527	109.668	68.7693	68.7693	68.7693
3688	95.0135	99.5007	109.52	68.6258	68.6258	68.6258
3689	94.8679	98.676	108.114	68.483	68.483	68.483
3690	94.5831	97.9009	106.922	68.3412	68.3412	68.3412
3691	94.451	97.6763	106.628	68.2008	68.2008	68.2008
3692	94.401	97.5385	106.424	68.0616	68.0616	68.0616
3693	94.4106	97.5081	106.341	67.9238	67.9238	67.9238
3694	94.4655	97.5623	106.353	67.7873	67.7873	67.7873
3695	94.5446	97.6408	106.391	67.6522	67.6522	67.6522
3696	94.5109	97.4001	105.953	67.5181	67.5181	67.5181
3697	94.2412	96.6482	104.794	67.3849	67.3849	67.3849
3698	93.8368	95.7771	103.528	67.2525	67.2525	67.2525
3699	93.3531	94.8417	102.211	67.121	67.121	67.121
3700	93.0029	94.3924	101.611	66.9907	66.9907	66.9907
3701	92.7384	94.0599	101.15	66.8615	66.8615	66.8615
3702	92.5187	93.7741	100.739	66.7334	66.7334	66.7334
3703	92.3215	93.5117	100.355	66.6064	66.6064	66.6064
3704	92.1113	93.1669	99.8836	66.4806	66.4806	66.4806
3705	91.8915	92.8152	99.4079	66.3558	66.3558	66.3558
3706	91.6639	92.4583	98.9296	66.232	66.232	66.232
3707	91.4297	92.0974	98.4498	66.1094	66.1094	66.1094
3708	91.2464	91.8742	98.2041	65.9878	65.9878	65.9878
3709	91.1146	91.7389	98.087	65.8675	65.8675	65.8675
3710	91.2694	102.411	94.1504	72.0762	72.0762	96.01
3711	91.4195	102.289	94.8672	74.8948	74.8948	98.0542
3712	91.7064	102.369	96.229	76.179	76.179	98.2705
3713	91.981	102.383	97.2488	76.7731	76.7731	97.7369
3714	92.308	101.624	98.8288	76.5197	76.5197	94.4057
3715	89.7994	90.0075	90.431	72.0095	72.0095	72.0095
3716	88.2083	88.3435	88.5156	70.1417	70.1417	70.6374
3717	87.436	87.8907	88.4694	69.5745	69.5745	71.2415
3718	87.1212	87.8954	88.8806	69.5807	69.5807	72.419
3719	87.0679	88.1616	89.5534	69.8525	69.8525	73.8622
3720	86.1556	86.1634	86.1734	68.946	68.946	68.9748
3721	85.6508	85.8411	86.0831	68.6498	68.6498	69.3471
3722	85.3753	85.7479	86.222	68.6254	68.6254	69.9913
3723	85.0177	85.2753	85.6032	68.4516	68.4516	69.3962
3724	84.5958	84.7163	84.8697	68.1863	68.1863	68.6282
3725	84.6641	85.381	86.2933	68.5588	68.5588	71.1869
3726	84.5921	85.309	86.2213	68.6864	68.6864	71.3145
3727	84.4448	85.1616	86.0739	68.7107	68.7107	71.3388
3728	84.2574	84.9743	85.8866	68.6915	68.6915	71.3197
3729	84.0491	84.7659	85.6782	68.6543	68.6543	71.2824
3730	83.6767	84.181	84.8227	68.4109	68.4109	70.2596
3731	83.2035	83.4892	83.8527	68.0601	68.0601	69.1073
3732	82.6679	82.735	82.8203	67.6487	67.6487	67.8945
3733	82.3581	82.5293	82.8776	67.3387	67.3387	67.3387
3734	82.2961	82.7143	83.5649	67.1304	67.1304	67.1304
3735	82.3816	83.0468	84.3998	66.9661	66.9661	66.9661
3736	81.7897	81.867	82.0242	66.8202	66.8202	66.8202
3737	81.4292	81.5986	81.943	66.6832	66.6832	66.6832
3738	81.1998	81.4612	81.9929	66.5508	66.5508	66.5508
3739	81.0303	81.3657	82.0479	66.421	66.421	66.421
3740	80.6865	80.8669	81.2339	66.2928	66.2928	66.2928
3741	83.5266	86.1924	94.5566	66.1708	66.1708	66.1708

3742	84.8182	86.9783	94.9152	66.0495	66.0495	66.0495
3743	85.2624	86.9325	94.4553	65.929	65.929	65.929
3744	85.3575	86.7701	94.0322	65.8095	65.8095	65.8095
3745	85.5776	96.0072	90.7672	71.2311	71.2311	92.3132
3746	83.0445	83.0773	83.1225	68.3607	68.3607	68.4859
3747	81.6691	81.8219	82.1547	67.0444	67.0444	67.0444
3748	80.8069	80.9596	81.2925	66.4157	66.4157	66.4157
3749	80.2238	80.3765	80.7094	66.0785	66.0785	66.0785
3750	79.7929	79.9457	80.2785	65.8652	65.8652	65.8652
3751	80.1716	81.0004	83.0956	65.7062	65.7062	65.7062
3752	80.3096	81.128	83.2613	65.5703	65.5703	65.5703
3753	80.3198	81.1325	83.3035	65.4448	65.4448	65.4448
3754	80.2621	81.07	83.2788	65.3244	65.3244	65.3244
3755	80.1685	80.9717	83.2182	65.2068	65.2068	65.2068
3756	80.0142	80.8468	82.9282	65.0909	65.0909	65.0909
3757	79.8593	80.6919	82.7733	64.9763	64.9763	64.9763
3758	79.7047	80.5372	82.6186	64.863	64.863	64.863
3759	79.5506	80.3832	82.4646	64.7508	64.7508	64.7508
3760	79.3974	80.23	82.3114	64.6396	64.6396	64.6396
3761	79.2878	80.0861	82.3712	64.5296	64.5296	64.5296
3762	79.2234	80.0073	82.5261	64.4207	64.4207	64.4207
3763	79.1963	79.9826	82.754	64.3129	64.3129	64.3129
3764	79.2001	79.9999	83.0271	64.2062	64.2062	64.2062
3765	79.2324	80.0625	83.3488	64.1006	64.1006	64.1006
3766	79.2918	80.1614	83.7008	63.9962	63.9962	63.9962
3767	79.2941	80.17	83.7498	63.8928	63.8928	63.8928
3768	79.334	80.2479	84.0728	63.7905	63.7905	63.7905
3769	79.4033	80.3652	84.4352	63.6892	63.6892	63.6892
3770	79.4426	80.4237	84.5905	63.589	63.589	63.589
3771	80.2911	81.7692	88.3273	63.491	63.491	63.491
3772	81.0337	82.5791	89.9964	63.3943	63.3943	63.3943
3773	81.3913	82.823	90.121	63.2984	63.2984	63.2984
3774	81.5782	82.9741	90.2044	63.2034	63.2034	63.2034
3775	81.6704	83.0304	90.1928	63.1092	63.1092	63.1092
3776	80.5055	81.2483	84.8126	63.0141	63.0141	63.0141
3777	79.7477	80.4681	83.7811	62.9198	62.9198	62.9198
3778	79.2124	79.9201	82.9996	62.8263	62.8263	62.8263
3779	78.9083	79.622	82.8254	62.7336	62.7336	62.7336
3780	78.6323	79.3387	82.3427	62.6418	62.6418	62.6418
3781	78.3737	79.0806	81.8841	62.5507	62.5507	62.5507
3782	78.1272	78.8428	81.4512	62.4605	62.4605	62.4605
3783	77.8549	78.614	80.8688	62.3709	62.3709	62.3709
3784	77.6419	78.4034	80.6444	62.2821	62.2821	62.2821
3785	77.4645	78.2259	80.467	62.1942	62.1942	62.1942
3786	77.3068	78.0682	80.3093	62.1071	62.1071	62.1071
3787	77.1602	77.9216	80.1627	62.0209	62.0209	62.0209
3788	78.8309	89.2548	84.0365	67.4714	67.4714	88.5299
3789	80.4374	91.6717	87.8395	69.8386	69.8386	89.7761
3790	81.4518	92.4569	89.3048	70.8656	70.8656	89.6437
3791	81.8373	92.0441	89.2971	71.2975	71.2975	88.9081
3792	82.0457	91.7976	89.6497	71.4486	71.4486	87.8773
3793	82.5457	92.8832	90.9933	71.4618	71.4618	86.7283
3794	82.7619	92.6902	91.1107	71.3786	71.3786	85.4254
3795	82.9535	92.6621	91.8221	71.2381	71.2381	84.1013
3796	83.2512	93.0966	93.0219	71.0613	71.0613	82.7888
3797	83.6302	93.9079	94.2703	70.8531	70.8531	81.4698

3798	83.9563	94.5913	95.2347	70.5874	70.5874	80.0016
3799	84.2475	95.3567	96.3668	70.292	70.292	78.5786
3800	83.6816	92.4782	93.8279	69.1637	69.1637	73.1954
3801	82.5789	89.4782	90.856	67.6785	67.6785	67.6785
3802	82.0341	90.4235	91.4467	67.0264	67.0264	67.0264
3803	79.7878	79.7878	79.7878	66.7361	66.7361	66.7361
3804	78.5356	78.5356	78.5356	66.6054	66.6054	66.6054
3805	77.8357	77.8357	77.8357	66.5446	66.5446	66.5446
3806	77.4427	77.4427	77.4427	66.5143	66.5143	66.5143
3807	77.2202	77.2202	77.2202	66.4975	66.4975	66.4975
3808	77.0925	77.0925	77.0925	66.4865	66.4865	66.4865
3809	77.0174	77.0174	77.0174	66.4781	66.4781	66.4781
3810	76.9717	76.9717	76.9717	66.4707	66.4707	66.4707
3811	76.9421	76.9421	76.9421	66.4639	66.4639	66.4639
3812	76.9216	76.9216	76.9216	66.4573	66.4573	66.4573
3813	76.9062	76.9062	76.9062	66.4508	66.4508	66.4508
3814	76.8935	76.8935	76.8935	66.4444	66.4444	66.4444
3815	76.8823	76.8823	76.8823	66.4379	66.4379	66.4379
3816	76.8721	76.8721	76.8721	66.4315	66.4315	66.4315
3817	76.8623	76.8623	76.8623	66.4251	66.4251	66.4251
3818	76.8528	76.8528	76.8528	66.4187	66.4187	66.4187
3819	76.8434	76.8434	76.8434	66.4123	66.4123	66.4123
3820	80.6723	96.7778	100.059	66.4115	66.4115	66.4115
3821	82.907	96.7137	100.38	66.4107	66.4107	66.4107
3822	84.2545	95.4822	99.5803	66.4099	66.4099	66.4099
3823	85.1257	95.1595	99.9097	66.4091	66.4091	66.4091
3824	85.7362	94.7351	100.153	66.4083	66.4083	66.4083
3825	86.1834	94.3911	100.425	66.3673	66.3673	66.3673
3826	86.5259	93.985	100.626	66.2796	66.2796	66.2796
3827	86.8221	93.6734	100.871	66.1728	66.1728	66.1728
3828	87.0998	93.3921	101.133	66.0585	66.0585	66.0585
3829	87.341	93.0045	101.35	65.9419	65.9419	65.9419
3830	87.5506	92.5582	101.534	65.8248	65.8248	65.8248
3831	87.7517	92.4249	101.576	65.7082	65.7082	65.7082
3832	87.9529	92.4718	101.545	65.5925	65.5925	65.5925
3833	88.3154	92.8905	102.288	65.4781	65.4781	65.4781
3834	88.8994	93.6925	103.73	65.3651	65.3651	65.3651
3835	89.2919	93.8642	103.956	65.2531	65.2531	65.2531
3836	89.222	93.1041	102.606	65.1417	65.1417	65.1417
3837	88.9602	92.2875	101.316	65.0309	65.0309	65.0309
3838	88.8585	92.0912	101.048	64.9211	64.9211	64.9211
3839	88.8427	91.985	100.874	64.8124	64.8124	64.8124
3840	88.8875	91.985	100.819	64.7046	64.7046	64.7046
3841	88.9797	92.0765	100.866	64.598	64.598	64.598
3842	89.0972	92.1934	100.941	64.4923	64.4923	64.4923
3843	89.0625	91.8864	100.384	64.3875	64.3875	64.3875
3844	88.7884	91.0976	99.1604	64.2832	64.2832	64.2832
3845	88.3744	90.1812	97.8194	64.1794	64.1794	64.1794
3846	87.938	89.3701	96.669	64.0764	64.0764	64.0764
3847	87.6389	88.9952	96.1508	63.9742	63.9742	63.9742
3848	87.4123	88.6949	95.7111	63.8728	63.8728	63.8728
3849	87.2232	88.4342	95.3148	63.7724	63.7724	63.7724
3850	87.0333	88.116	94.8582	63.6728	63.6728	63.6728
3851	86.8331	87.769	94.3733	63.574	63.574	63.574
3852	86.6244	87.4164	93.8855	63.476	63.476	63.476
3853	86.4081	87.0592	93.3959	63.3788	63.3788	63.3788

3854	86.262	86.889	93.2234	63.2825	63.2825	63.2825
3855	86.1675	86.7906	93.1452	63.1872	63.1872	63.1872
3856	86.1013	86.7206	93.095	63.0927	63.0927	63.0927
3857	86.0508	86.6665	93.0603	62.9992	62.9992	62.9992
3858	86.0069	86.62	93.0235	62.9066	62.9066	62.9066
3859	85.9656	86.5767	92.9849	62.8148	62.8148	62.8148
3860	85.926	86.535	92.9478	62.7239	62.7239	62.7239
3861	85.8875	86.4946	92.9118	62.6339	62.6339	62.6339
3862	85.8495	86.4546	92.8746	62.5447	62.5447	62.5447
3863	86.1448	97.5462	89.1803	68.8899	68.8899	93.2031
3864	86.273	97.688	89.2296	72.0054	72.0054	96.3158
3865	86.2583	97.3526	89.1273	73.6286	73.6286	97.498
3866	86.3733	97.2214	89.9536	74.5011	74.5011	97.5441
3867	86.6427	97.2808	91.2351	74.972	74.972	96.958
3868	86.9639	97.4244	92.401	75.233	75.233	96.1045
3869	87.8796	99.2675	95.6717	75.3799	75.3799	95.132
3870	88.3455	99.2359	96.1129	75.4528	75.4528	94.0837
3871	88.4356	98.5729	95.8967	75.4625	75.4625	92.9465
3872	88.5082	98.3157	96.1923	75.4159	75.4159	91.7341
3873	88.9127	99.3008	97.4332	75.325	75.325	90.4912
3874	89.016	98.9036	97.3493	75.1761	75.1761	89.1255
3875	89.147	98.8508	98.0825	74.9882	74.9882	87.765
3876	89.3958	99.2726	99.2306	74.7719	74.7719	86.422
3877	89.7203	100.022	100.404	74.5246	74.5246	85.0594
3878	89.997	100.656	101.318	74.2213	74.2213	83.5555
3879	90.2413	101.383	102.418	73.8904	73.8904	82.1036
3880	89.5412	98.0708	99.4411	72.6409	72.6409	76.2645
3881	88.4398	95.4369	96.7914	71.1929	71.1929	71.1929
3882	87.8952	96.3823	97.3822	70.5566	70.5566	70.5566
3883	85.6477	85.6477	85.6477	70.2728	70.2728	70.2728
3884	84.394	84.394	84.394	70.1444	70.1444	70.1444
3885	83.6927	83.6927	83.6927	70.0841	70.0841	70.0841
3886	83.2982	83.2982	83.2982	70.0536	70.0536	70.0536
3887	83.0742	83.0742	83.0742	70.0362	70.0362	70.0362
3888	82.945	82.945	82.945	70.0244	70.0244	70.0244
3889	82.8684	82.8684	82.8684	70.0151	70.0151	70.0151
3890	82.8211	82.8211	82.8211	70.007	70.007	70.007
3891	82.79	82.79	82.79	69.9993	69.9993	69.9993
3892	82.768	82.768	82.768	69.9919	69.9919	69.9919
3893	82.751	82.751	82.751	69.9845	69.9845	69.9845
3894	82.7367	82.7367	82.7367	69.9772	69.9772	69.9772
3895	82.7241	82.7241	82.7241	69.9699	69.9699	69.9699
3896	82.7123	82.7123	82.7123	69.9626	69.9626	69.9626
3897	82.7009	82.7009	82.7009	69.9553	69.9553	69.9553
3898	82.6899	82.6899	82.6899	69.948	69.948	69.948
3899	82.679	82.679	82.679	69.9407	69.9407	69.9407
3900	86.5057	102.46	105.767	69.939	69.939	69.939
3901	88.7385	102.394	106.086	69.9372	69.9372	69.9372
3902	90.0841	101.12	105.25	69.9354	69.9354	69.9354
3903	90.9548	100.92	105.714	69.9336	69.9336	69.9336
3904	91.5645	100.495	105.957	69.9319	69.9319	69.9319
3905	91.9979	100.149	106.222	69.8793	69.8793	69.8793
3906	92.3136	99.7157	106.396	69.7678	69.7678	69.7678
3907	92.5799	99.3945	106.628	69.6321	69.6321	69.6321
3908	92.8231	99.0794	106.856	69.4872	69.4872	69.4872
3909	93.0245	98.6466	107.034	69.3391	69.3391	69.3391

3910	93.1935	98.1581	107.175	69.1905	69.1905	69.1905
3911	93.3551	98.0182	107.165	69.0426	69.0426	69.0426
3912	93.5166	98.0255	107.094	68.8957	68.8957	68.8957
3913	93.8584	98.4478	107.888	68.7504	68.7504	68.7504
3914	94.4139	99.2212	109.301	68.6068	68.6068	68.6068
3915	94.7296	99.2572	109.31	68.4645	68.4645	68.4645
3916	94.6036	98.4489	107.919	68.323	68.323	68.323
3917	94.3121	97.6352	106.661	68.1825	68.1825	68.1825
3918	94.1772	97.4077	106.363	68.0433	68.0433	68.0433
3919	94.1267	97.2691	106.158	67.9053	67.9053	67.9053
3920	94.1353	97.2329	106.068	67.7687	67.7687	67.7687
3921	94.1906	97.2874	106.08	67.6334	67.6334	67.6334
3922	94.2707	97.367	106.12	67.4994	67.4994	67.4994
3923	94.2781	97.2329	105.841	67.3665	67.3665	67.3665
3924	94.0625	96.5829	104.824	67.2346	67.2346	67.2346
3925	93.7327	95.8542	103.758	67.1036	67.1036	67.1036
3926	93.3488	95.1059	102.702	66.9736	66.9736	66.9736
3927	92.9562	94.4058	101.738	66.8445	66.8445	66.8445
3928	92.6913	94.0934	101.335	66.7165	66.7165	66.7165
3929	92.4979	93.8575	101.019	66.5898	66.5898	66.5898
3930	92.3458	93.6679	100.759	66.4642	66.4642	66.4642
3931	92.2184	93.5072	100.535	66.3397	66.3397	66.3397
3932	92.1039	93.3608	100.328	66.2164	66.2164	66.2164
3933	91.9958	93.2217	100.131	66.0943	66.0943	66.0943
3934	91.8906	93.0863	99.938	65.9732	65.9732	65.9732
3935	91.7764	92.9132	99.7062	65.8533	65.8533	65.8533
3936	91.655	92.7299	99.4647	65.7344	65.7344	65.7344
3937	91.5284	92.5427	99.2206	65.6166	65.6166	65.6166
3938	91.398	92.3529	98.975	65.4999	65.4999	65.4999
3939	91.2645	92.1612	98.7287	65.3842	65.3842	65.3842
3940	91.1287	91.9691	98.4837	65.2696	65.2696	65.2696
3941	90.9858	91.7629	98.2179	65.156	65.156	65.156
3942	90.8271	91.5243	97.9043	65.0435	65.0435	65.0435
3943	90.6668	91.2962	97.6176	64.9319	64.9319	64.9319
3944	90.5486	91.1748	97.513	64.8214	64.8214	64.8214
3945	90.4548	91.0773	97.4349	64.712	64.712	64.712
3946	90.3756	90.994	97.3735	64.6036	64.6036	64.6036
3947	90.3053	90.9193	97.3207	64.4962	64.4962	64.4962
3948	90.2367	90.8478	97.2558	64.3899	64.3899	64.3899
3949	90.1696	90.7778	97.1924	64.2846	64.2846	64.2846
3950	90.1036	90.709	97.13	64.1802	64.1802	64.1802
3951	90.0322	90.6344	97.0403	64.0769	64.0769	64.0769
3952	89.9579	90.5571	96.9481	63.9746	63.9746	63.9746
3953	89.8823	90.4785	96.8548	63.8732	63.8732	63.8732
3954	88.6254	91.0111	90.5798	66.349	66.349	76.3911
3955	87.8472	90.2329	89.8015	67.5315	67.5315	77.5737
3956	87.3291	89.7148	89.2835	68.1656	68.1656	78.2078
3957	86.9174	89.036	88.877	68.3838	68.3838	77.7234
3958	86.5453	88.2329	88.5345	68.2722	68.2722	76.3777
3959	86.2105	87.5235	88.2652	67.9945	67.9945	74.8575
3960	85.7355	86.5263	87.3287	67.3064	67.3064	71.6798
3961	85.3478	85.8814	86.9415	65.9206	65.9206	65.9206
3962	85.1461	85.5786	87.2147	65.2696	65.2696	65.2696
3963	85.0144	85.3785	87.397	64.9301	64.9301	64.9301
3964	84.8453	85.2095	87.228	64.7229	64.7229	64.7229
3965	84.6978	85.0502	87.2334	64.5724	64.5724	64.5724

3966	84.5299	84.8806	87.0881	64.4464	64.4464	64.4464
3967	84.3522	84.7015	86.9338	64.3314	64.3314	64.3314
3968	84.1486	84.5019	86.6734	64.2215	64.2215	64.2215
3969	83.9461	84.2994	86.4709	64.1145	64.1145	64.1145
3970	83.7448	84.0981	86.2696	64.0091	64.0091	64.0091
3971	83.5449	83.8982	86.0697	63.9051	63.9051	63.9051
3972	83.3463	83.6996	85.8711	63.8022	63.8022	63.8022
3973	83.1491	83.5024	85.674	63.7002	63.7002	63.7002
3974	82.9534	83.3067	85.4782	63.5993	63.5993	63.5993
3975	82.759	83.1123	85.2838	63.4993	63.4993	63.4993
3976	82.5238	82.8896	84.8907	63.4002	63.4002	63.4002
3977	83.9944	95.3161	87.1044	69.7117	69.7117	93.9325
3978	84.7723	96.1749	87.8007	72.8329	72.8329	97.1458
3979	85.1591	96.5502	88.1039	74.5665	74.5665	98.8427
3980	85.2796	96.3107	88.1325	75.5813	75.5813	99.3642
3981	85.5396	96.3471	89.371	76.1492	76.1492	98.9714
3982	85.8682	96.4451	90.6359	76.4665	76.4665	98.1871
3983	86.3799	97.0758	92.417	76.644	76.644	97.2303
3984	87.3608	98.8925	95.6073	76.7385	76.7385	96.1932
3985	87.656	98.3092	95.2461	76.7733	76.7733	95.0994
3986	87.6966	97.6574	95.161	76.749	76.749	93.9117
3987	87.8694	97.8368	95.7837	76.6756	76.6756	92.6767
3988	88.2007	98.4562	96.6744	76.5557	76.5557	91.3873
3989	88.2624	98.0131	96.5489	76.3804	76.3804	89.9951
3990	88.4467	98.128	97.6326	76.1713	76.1713	88.6278
3991	88.743	98.7417	98.8264	75.9381	75.9381	87.2873
3992	89.0647	99.4649	99.9237	75.6639	75.6639	85.8682
3993	89.3409	100.127	100.888	75.3406	75.3406	84.3628
3994	89.5871	100.864	102.003	74.9897	74.9897	82.8956
3995	88.5154	95.925	97.382	73.3609	73.3609	75.2722
3996	87.5648	94.9719	96.2289	72.1581	72.1581	72.1581
3997	87.1041	96.0013	96.9037	71.6291	71.6291	71.6291
3998	84.9008	84.9008	84.9008	71.392	71.392	71.392
3999	83.6719	83.6719	83.6719	71.2841	71.2841	71.2841
4000	82.9843	82.9843	82.9843	71.2326	71.2326	71.2326
4001	82.5976	82.5976	82.5976	71.2058	71.2058	71.2058
4002	82.378	82.378	82.378	71.1898	71.1898	71.1898
4003	82.2513	82.2513	82.2513	71.1786	71.1786	71.1786
4004	82.1762	82.1762	82.1762	71.1695	71.1695	71.1695
4005	82.1298	82.1298	82.1298	71.1612	71.1612	71.1612
4006	82.0993	82.0993	82.0993	71.1534	71.1534	71.1534
4007	82.0776	82.0776	82.0776	71.1457	71.1457	71.1457
4008	82.0609	82.0609	82.0609	71.1382	71.1382	71.1382
4009	82.047	82.047	82.047	71.1306	71.1306	71.1306
4010	82.0345	82.0345	82.0345	71.1231	71.1231	71.1231
4011	82.0229	82.0229	82.0229	71.1156	71.1156	71.1156
4012	82.0118	82.0118	82.0118	71.1081	71.1081	71.1081
4013	82.0009	82.0009	82.0009	71.1006	71.1006	71.1006
4014	81.9902	81.9902	81.9902	71.0931	71.0931	71.0931
4015	85.8144	101.137	104.549	71.0909	71.0909	71.0909
4016	88.0459	101.069	104.867	71.0888	71.0888	71.0888
4017	89.3956	100.117	104.428	71.0866	71.0866	71.0866
4018	90.2686	99.9475	104.925	71.0845	71.0845	71.0845
4019	90.8511	99.5526	105.186	71.0281	71.0281	71.0281
4020	91.2481	99.1931	105.433	70.9086	70.9086	70.9086
4021	91.5489	98.769	105.609	70.7634	70.7634	70.7634

4022	91.8138	98.4781	105.861	70.6082	70.6082	70.6082
4023	92.0556	98.1518	106.082	70.4498	70.4498	70.4498
4024	92.2505	97.6904	106.251	70.2908	70.2908	70.2908
4025	92.4202	97.2085	106.398	70.1325	70.1325	70.1325
4026	92.5874	97.208	106.333	69.9753	69.9753	69.9753
4027	92.7545	97.221	106.268	69.8195	69.8195	69.8195
4028	93.1812	97.8308	107.447	69.6655	69.6655	69.6655
4029	93.7888	98.6557	108.91	69.5134	69.5134	69.5134
4030	93.9504	98.2846	108.173	69.3624	69.3624	69.3624
4031	93.7456	97.4127	106.73	69.2122	69.2122	69.2122
4032	93.5016	96.7987	105.805	69.0633	69.0633	69.0633
4033	93.3946	96.5997	105.536	68.9157	68.9157	68.9157
4034	93.3612	96.478	105.348	68.7696	68.7696	68.7696
4035	93.3901	96.4874	105.308	68.6248	68.6248	68.6248
4036	93.4589	96.5555	105.333	68.4814	68.4814	68.4814
4037	93.549	96.645	105.381	68.3394	68.3394	68.3394
4038	90.1896	90.3416	90.5351	68.3359	68.3359	68.8933
4039	88.3864	88.7571	89.2287	68.4668	68.4668	69.8256
4040	87.4369	88.0261	88.776	68.6706	68.6706	70.8309
4041	86.9598	87.7676	88.7957	68.9213	68.9213	71.8829
4042	86.7484	87.7748	89.0811	69.2074	69.2074	72.9705
4043	86.1795	86.5995	87.4538	68.3613	68.3613	68.3613
4044	85.8945	86.4694	87.6388	67.923	67.923	67.923
4045	85.772	86.5018	87.9864	67.6582	67.6582	67.6582
4046	85.7463	86.631	88.4308	67.4676	67.4676	67.4676
4047	85.6832	86.6058	88.5209	67.3091	67.3091	67.3091
4048	84.9908	85.3093	85.9572	67.1641	67.1641	67.1641
4049	84.4944	84.8129	85.4608	67.0259	67.0259	67.0259
4050	84.1051	84.4236	85.0715	66.8913	66.8913	66.8913
4051	83.7749	84.0934	84.7413	66.7589	66.7589	66.7589
4052	83.4776	83.7961	84.4439	66.6281	66.6281	66.6281
4053	83.1989	83.5174	84.1653	66.4987	66.4987	66.4987
4054	82.9311	83.2496	83.8975	66.3706	66.3706	66.3706
4055	82.6702	82.9887	83.6366	66.2437	66.2437	66.2437
4056	82.4138	82.7323	83.3802	66.118	66.118	66.118
4057	82.1607	82.4792	83.127	65.9935	65.9935	65.9935
4058	81.9101	82.2286	82.8765	65.8702	65.8702	65.8702
4059	81.6618	81.9803	82.6282	65.748	65.748	65.748
4060	81.4155	81.734	82.3819	65.6269	65.6269	65.6269
4061	81.1711	81.4896	82.1375	65.507	65.507	65.507
4062	80.9285	81.247	81.8949	65.3882	65.3882	65.3882
4063	80.6877	81.0062	81.6541	65.2704	65.2704	65.2704
4064	80.2871	80.4307	80.7226	65.1536	65.1536	65.1536
4065	80.6156	81.4763	83.2273	65.0388	65.0388	65.0388
4066	80.714	81.5748	83.3257	64.925	64.925	64.925
4067	80.6882	81.549	83.3	64.8123	64.8123	64.8123
4068	80.5957	81.4565	83.2074	64.7006	64.7006	64.7006
4069	80.5311	81.456	83.3546	64.5901	64.5901	64.5901
4070	79.8579	80.1764	80.8243	64.4798	64.4798	64.4798
4071	79.3888	79.7073	80.3552	64.3705	64.3705	64.3705
4072	79.0311	79.3496	79.9975	64.2623	64.2623	64.2623
4073	78.7346	79.0531	79.7009	64.1551	64.1551	64.1551
4074	78.4719	78.7904	79.4383	64.0488	64.0488	64.0488
4075	78.2284	78.5469	79.1948	63.9436	63.9436	63.9436
4076	77.996	78.3145	78.9624	63.8393	63.8393	63.8393
4077	77.7704	78.0889	78.7368	63.736	63.736	63.736

4078	77.5491	77.8676	78.5155	63.6337	63.6337	63.6337
4079	77.3309	77.6494	78.2973	63.5322	63.5322	63.5322
4080	77.1151	77.4336	78.0815	63.4318	63.4318	63.4318
4081	76.9012	77.2197	77.8676	63.3323	63.3323	63.3323
4082	76.6892	77.0077	77.6556	63.2336	63.2336	63.2336
4083	76.4788	76.7973	77.4452	63.1359	63.1359	63.1359
4084	76.27	76.5885	77.2364	63.0392	63.0392	63.0392
4085	76.0627	76.3812	77.0291	62.9433	62.9433	62.9433
4086	75.9184	76.411	77.0379	63.3082	63.3082	65.1141
4087	75.8498	76.4795	77.2809	63.5713	63.5713	65.8799
4088	75.8282	76.5951	77.571	63.8012	63.8012	66.6125
4089	75.8381	76.7421	77.8925	64.0267	64.0267	67.3408
4090	75.8405	76.8394	78.1106	64.2206	64.2206	67.8827
4091	78.2737	80.7914	89.0304	63.3899	63.3899	63.3899
4092	79.3385	81.3182	89.1025	62.9864	62.9864	62.9864
4093	79.6536	81.1126	88.4569	62.7639	62.7639	62.7639
4094	79.7812	81.1553	88.3445	62.6185	62.6185	62.6185
4095	79.8088	81.1066	88.1514	62.5061	62.5061	62.5061
4096	79.7827	81.0089	87.9184	62.4082	62.4082	62.4082
4097	79.7158	80.8382	87.6176	62.3168	62.3168	62.3168
4098	79.6156	80.6047	87.2588	62.2286	62.2286	62.2286
4099	79.4973	80.3604	86.8962	62.1421	62.1421	62.1421
4100	79.3695	80.1139	86.5384	62.0568	62.0568	62.0568
4101	79.2376	79.8721	86.1931	61.9723	61.9723	61.9723
4102	79.1692	79.7966	86.1282	61.8888	61.8888	61.8888
4103	79.1375	79.7624	86.1078	61.806	61.806	61.806
4104	79.1259	79.7482	86.1068	61.7241	61.7241	61.7241
4105	79.1252	79.7451	86.1166	61.643	61.643	61.643
4106	79.1307	79.7482	86.1323	61.5626	61.5626	61.5626
4107	79.1397	79.7548	86.1516	61.483	61.483	61.483
4108	79.1491	79.7625	86.1653	61.4042	61.4042	61.4042
4109	79.1582	79.7703	86.1762	61.3261	61.3261	61.3261
4110	79.1672	79.7779	86.1869	61.2488	61.2488	61.2488
4111	79.1762	79.7855	86.1976	61.1722	61.1722	61.1722
4112	79.1852	79.7932	86.2083	61.0963	61.0963	61.0963
4113	79.1943	79.801	86.2191	61.0212	61.0212	61.0212
4114	79.5456	90.9439	82.5988	67.3804	67.3804	91.6942
4115	79.7243	91.137	82.6944	70.5097	70.5097	94.8205
4116	79.7629	90.8954	82.6417	72.1609	72.1609	96.0826
4117	79.9031	90.7632	83.4094	73.0575	73.0575	96.1655
4118	80.219	90.8642	84.791	73.5381	73.5381	95.5548
4119	80.5874	91.0451	86.0173	73.8037	73.8037	94.6786
4120	81.5599	92.9586	89.3795	73.9556	73.9556	93.6947
4121	82.0637	92.9378	89.8188	74.0354	74.0354	92.6453
4122	82.1972	92.3199	89.6585	74.0536	74.0536	91.5111
4123	82.3242	92.1456	90.0282	74.017	74.017	90.3078
4124	82.7703	93.1534	91.2929	73.9367	73.9367	89.0744
4125	82.9132	92.7869	91.2436	73.7985	73.7985	87.7179
4126	83.0917	92.794	92.0485	73.6222	73.6222	86.3715
4127	83.3881	93.2723	93.2469	73.4173	73.4173	85.04
4128	83.7548	94.0652	94.4534	73.1808	73.1808	83.6871
4129	84.074	94.7412	95.41	72.8884	72.8884	82.1942
4130	84.3605	95.5137	96.5576	72.5689	72.5689	80.7556
4131	83.6701	92.1031	93.4809	71.2996	71.2996	74.7754
4132	82.6136	89.6461	90.9922	69.8816	69.8816	69.8816
4133	82.0946	90.6171	91.6087	69.2587	69.2587	69.2587

4134	79.8618	79.8618	79.8618	68.981	68.981	68.981
4135	78.6171	78.6171	78.6171	68.8556	68.8556	68.8556
4136	77.9213	77.9213	77.9213	68.7969	68.7969	68.7969
4137	77.5306	77.5306	77.5306	68.7674	68.7674	68.7674
4138	77.3094	77.3094	77.3094	68.7507	68.7507	68.7507
4139	77.1824	77.1824	77.1824	68.7395	68.7395	68.7395
4140	77.1077	77.1077	77.1077	68.7308	68.7308	68.7308
4141	77.0621	77.0621	77.0621	68.7232	68.7232	68.7232
4142	77.0327	77.0327	77.0327	68.7161	68.7161	68.7161
4143	77.0122	77.0122	77.0122	68.7091	68.7091	68.7091
4144	76.9968	76.9968	76.9968	68.7023	68.7023	68.7023
4145	76.9841	76.9841	76.9841	68.6954	68.6954	68.6954
4146	76.973	76.973	76.973	68.6886	68.6886	68.6886
4147	76.9627	76.9627	76.9627	68.6819	68.6819	68.6819
4148	76.9529	76.9529	76.9529	68.6751	68.6751	68.6751
4149	76.9433	76.9433	76.9433	68.6683	68.6683	68.6683
4150	76.9339	76.9339	76.9339	68.6615	68.6615	68.6615
4151	80.7619	96.6621	99.978	68.66	68.66	68.66
4152	82.9962	96.5974	100.298	68.6584	68.6584	68.6584
4153	84.3433	95.3261	99.4692	68.6568	68.6568	68.6568
4154	85.2158	95.1566	99.9662	68.6552	68.6552	68.6552
4155	85.8272	94.7334	100.211	68.6536	68.6536	68.6536
4156	86.2723	94.4057	100.493	68.6049	68.6049	68.6049
4157	86.6132	93.9976	100.693	68.5015	68.5015	68.5015
4158	86.9122	93.7136	100.96	68.3758	68.3758	68.3758
4159	87.1914	93.4337	101.223	68.2415	68.2415	68.2415
4160	87.4303	93.0368	101.439	68.1043	68.1043	68.1043
4161	87.6378	92.5869	101.619	67.9666	67.9666	67.9666
4162	87.8388	92.4982	101.643	67.8295	67.8295	67.8295
4163	88.0397	92.5449	101.611	67.6934	67.6934	67.6934
4164	88.4276	93.0222	102.477	67.5588	67.5588	67.5588
4165	89.0262	93.8386	103.933	67.4257	67.4257	67.4257
4166	89.3668	93.8775	103.916	67.2939	67.2939	67.2939
4167	89.272	93.1018	102.558	67.1627	67.1627	67.1627
4168	89.0225	92.3434	101.367	67.0325	67.0325	67.0325
4169	88.9276	92.1559	101.11	66.9034	66.9034	66.9034
4170	88.9159	92.0563	100.944	66.7756	66.7756	66.7756
4171	88.9633	92.0608	100.895	66.649	66.649	66.649
4172	89.0564	92.1533	100.945	66.5236	66.5236	66.5236
4173	89.174	92.2702	101.022	66.3994	66.3994	66.3994
4174	89.1885	92.094	100.661	66.2763	66.2763	66.2763
4175	88.9626	91.3854	99.5441	66.1539	66.1539	66.1539
4176	88.5995	90.555	98.319	66.0324	66.0324	66.0324
4177	88.1555	89.6588	97.0407	65.9116	65.9116	65.9116
4178	87.8376	89.2294	96.4521	65.7919	65.7919	65.7919
4179	87.6075	88.9313	96.0254	65.6733	65.6733	65.6733
4180	87.4234	88.681	95.6499	65.5557	65.5557	65.5557
4181	87.2625	88.4557	95.303	65.4391	65.4391	65.4391
4182	87.0891	88.1491	94.8699	65.3235	65.3235	65.3235
4183	86.9058	87.8337	94.4305	65.2089	65.2089	65.2089
4184	86.7144	87.513	93.9883	65.0953	65.0953	65.0953
4185	86.5138	87.1821	93.5349	64.9827	64.9827	64.9827
4186	86.3651	86.9926	93.3242	64.8711	64.8711	64.8711
4187	86.269	86.8925	93.2452	64.7606	64.7606	64.7606
4188	86.4318	97.4687	89.2861	70.9393	70.9393	94.7301
4189	86.6805	97.5096	90.3784	73.7266	73.7266	96.6661

4190	86.9986	97.6332	91.601	75.0261	75.0261	96.9968
4191	87.292	97.6965	92.5533	75.6655	75.6655	96.639
4192	88.0481	99.1878	95.2156	76.0239	76.0239	96.0728
4193	86.5371	89.0311	90.2797	73.2705	73.2705	81.2303
4194	85.649	88.0977	89.3847	72.1555	72.1555	80.0274
4195	85.0988	87.5032	88.8277	71.7316	71.7316	79.5174
4196	84.7406	87.1446	88.4695	71.62	71.62	79.405
4197	84.4794	86.8445	88.2023	71.6204	71.6204	79.3301
4198	84.2255	86.3247	87.9078	71.5514	71.5514	78.7447
4199	84.0179	86.0758	87.6939	71.5558	71.5558	78.6689
4200	83.8369	85.8577	87.5103	71.5891	71.5891	78.6217
4201	83.6733	85.6637	87.35	71.6322	71.6322	78.5832
4202	83.5189	85.476	87.1992	71.6755	71.6755	78.5369
4203	83.4018	85.5256	87.0879	71.8383	71.8383	79.0794
4204	83.279	85.4029	86.9651	71.96	71.96	79.2012
4205	83.1536	85.2775	86.8397	72.064	72.064	79.3052
4206	83.0272	85.1511	86.7133	72.1599	72.1599	79.401
4207	82.9007	85.0246	86.5868	72.2518	72.2518	79.493
4208	82.7745	84.8984	86.4606	72.3417	72.3417	79.5829
4209	82.6489	84.7728	86.3351	72.4301	72.4301	79.6713
4210	82.5241	84.648	86.2102	72.5175	72.5175	79.7587
4211	82.4001	84.5239	86.0862	72.6039	72.6039	79.8451
4212	82.2769	84.4007	85.963	72.6895	72.6895	79.9307
4213	82.1546	84.2784	85.8407	72.7742	72.7742	80.0154
4214	82.0331	84.157	85.7192	72.8581	72.8581	80.0993
4215	81.9125	84.0364	85.5986	72.9413	72.9413	80.1824
4216	81.7928	83.9166	85.4789	73.0236	73.0236	80.2648
4217	81.6739	83.7978	85.36	73.1051	73.1051	80.3463
4218	81.5559	83.6797	85.242	73.1858	73.1858	80.427
4219	81.4387	83.5626	85.1248	73.2658	73.2658	80.507
4220	81.3601	83.6737	85.0752	73.4408	73.4408	81.0503
4221	81.2793	83.654	85.0037	73.5978	73.5978	81.3259
4222	81.1964	83.623	84.9287	73.7443	73.7443	81.5732
4223	81.1014	83.5199	84.8325	73.8577	73.8577	81.6709
4224	81.009	83.464	84.7457	73.9786	73.9786	81.8627
4225	82.8354	85.3843	93.6498	72.0715	72.0715	72.0715
4226	83.4973	85.4046	93.1278	71.1696	71.1696	71.1696
4227	83.5971	85.0268	92.321	70.6936	70.6936	70.6936
4228	83.5864	84.9245	92.0456	70.3987	70.3987	70.3987
4229	83.5164	84.7688	91.7279	70.1813	70.1813	70.1813
4230	83.73	94.2898	88.5464	75.6945	75.6945	97.346
4231	84.1739	94.864	90.1941	78.0727	78.0727	98.667
4232	85.1474	96.7254	93.4314	79.0965	79.0965	98.6147
4233	85.4581	96.1922	93.1087	79.52	79.52	97.95
4234	85.5034	95.538	92.9664	79.6536	79.6536	96.9506
4235	85.6308	95.5257	93.4407	79.6355	79.6355	95.7804
4236	86.0053	96.3246	94.5035	79.5276	79.5276	94.5122
4237	86.0972	95.909	94.4015	79.3441	79.3441	93.1115
4238	86.272	95.9661	95.3413	79.117	79.117	91.721
4239	86.5636	96.504	96.5356	78.86	78.86	90.3455
4240	86.9034	97.2588	97.6822	78.5659	78.5659	88.9212
4241	87.1973	97.9217	98.6349	78.2186	78.2186	87.3812
4242	87.4598	98.6747	99.7662	77.8447	77.8447	85.891
4243	86.5751	94.4964	95.9138	76.3571	76.3571	79.0506
4244	85.5689	92.7887	94.0902	75.0203	75.0203	75.0203
4245	85.0774	93.7873	94.7342	74.4321	74.4321	74.4321

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4246	82.8585	82.8585	82.8585	74.169	74.169	74.169
4247	81.6211	81.6211	81.6211	74.0493	74.0493	74.0493
4248	80.929	80.929	80.929	73.9923	73.9923	73.9923
4249	80.54	80.54	80.54	73.9628	73.9628	73.9628
4250	80.3194	80.3194	80.3194	73.9454	73.9454	73.9454
4251	80.1924	80.1924	80.1924	73.9332	73.9332	73.9332
4252	80.1174	80.1174	80.1174	73.9233	73.9233	73.9233
4253	80.0712	80.0712	80.0712	73.9144	73.9144	73.9144
4254	80.0411	80.0411	80.0411	73.906	73.906	73.906
4255	80.0199	80.0199	80.0199	73.8978	73.8978	73.8978
4256	80.0037	80.0037	80.0037	73.8896	73.8896	73.8896
4257	79.9903	79.9903	79.9903	73.8815	73.8815	73.8815
4258	79.9784	79.9784	79.9784	73.8734	73.8734	73.8734
4259	79.9673	79.9673	79.9673	73.8653	73.8653	73.8653
4260	79.9567	79.9567	79.9567	73.8573	73.8573	73.8573
4261	79.9464	79.9464	79.9464	73.8492	73.8492	73.8492
4262	79.9362	79.9362	79.9362	73.8411	73.8411	73.8411
4263	83.7622	99.3733	102.738	73.8381	73.8381	73.8381
4264	85.9908	99.3011	103.026	73.8351	73.8351	73.8351
4265	87.3406	98.1923	102.419	73.8321	73.8321	73.8321
4266	88.2143	98.0241	102.917	73.829	73.829	73.829
4267	88.798	97.5867	103.142	73.7633	73.7633	73.7633
4268	89.2047	97.2439	103.408	73.6246	73.6246	73.6246
4269	89.5153	96.8058	103.577	73.4562	73.4562	73.4562
4270	89.7907	96.5217	103.836	73.2762	73.2762	73.2762
4271	90.048	96.2202	104.078	73.0924	73.0924	73.0924
4272	90.2604	95.7828	104.264	72.908	72.908	72.908
4273	90.4447	95.3113	104.422	72.7244	72.7244	72.7244
4274	90.6258	95.2658	104.401	72.5422	72.5422	72.5422
4275	90.8069	95.2927	104.349	72.3615	72.3615	72.3615
4276	91.2112	95.8334	105.369	72.1827	72.1827	72.1827
4277	91.8114	96.6511	106.826	72.006	72.006	72.006
4278	92.0595	96.4817	106.445	71.8308	71.8308	71.8308
4279	91.9075	95.6573	105.045	71.6568	71.6568	71.6568
4280	91.6578	94.9676	103.983	71.4841	71.4841	71.4841
4281	91.5543	94.7728	103.719	71.313	71.313	71.313
4282	91.5301	94.6635	103.546	71.1435	71.1435	71.1435
4283	91.5642	94.6617	103.494	70.9757	70.9757	70.9757
4284	91.6414	94.7383	103.531	70.8094	70.8094	70.8094
4285	91.7416	94.8379	103.593	70.6448	70.6448	70.6448
4286	91.7885	94.7769	103.414	70.4817	70.4817	70.4817
4287	91.5966	94.1389	102.399	70.3197	70.3197	70.3197
4288	91.2666	93.3734	101.265	70.159	70.159	70.159
4289	90.8568	92.5441	100.081	69.9995	69.9995	69.9995
4290	90.4765	91.9029	99.1909	69.8413	69.8413	69.8413
4291	90.2108	91.5743	98.7433	69.6845	69.6845	69.6845
4292	90.0058	91.308	98.3613	69.5291	69.5291	69.5291
4293	89.8321	91.0748	98.0155	69.3751	69.3751	69.3751
4294	89.6713	90.8478	97.6782	69.2226	69.2226	69.2226
4295	89.497	90.5522	97.2685	69.0713	69.0713	69.0713
4296	89.313	90.2493	96.8539	68.9214	68.9214	68.9214
4297	89.1214	89.9412	96.4364	68.7729	68.7729	68.7729
4298	88.9235	89.6291	96.0171	68.6257	68.6257	68.6257
4299	88.744	89.3731	95.696	68.4798	68.4798	68.4798
4300	88.6219	89.2478	95.5877	68.3353	68.3353	68.3353
4301	88.5314	89.1541	95.5107	68.1921	68.1921	68.1921

4302	88.4585	89.0781	95.4512	68.0504	68.0504	68.0504
4303	88.3956	89.0121	95.4015	67.9099	67.9099	67.9099
4304	88.3376	88.9515	95.3531	67.7709	67.7709	67.7709
4305	88.2805	88.8926	95.2982	67.6331	67.6331	67.6331
4306	88.2241	88.8347	95.244	67.4967	67.4967	67.4967
4307	88.1686	88.7774	95.1905	67.3615	67.3615	67.3615
4308	88.1136	88.7209	95.1376	67.2276	67.2276	67.2276
4309	88.0593	88.665	95.0854	67.095	67.095	67.095
4310	88.0028	88.6068	95.0213	66.9637	66.9637	66.9637
4311	87.9445	88.5468	94.9532	66.8336	66.8336	66.8336
4312	87.8854	88.486	94.8843	66.7047	66.7047	66.7047
4313	87.8259	88.425	94.8154	66.5771	66.5771	66.5771
4314	87.7664	88.3638	94.7463	66.4506	66.4506	66.4506
4315	87.707	88.3027	94.677	66.3254	66.3254	66.3254
4316	86.2067	86.6996	88.0997	66.1995	66.1995	66.1995
4317	85.3029	85.7743	87.2542	66.0747	66.0747	66.0747
4318	84.6902	85.1938	86.5541	65.9511	65.9511	65.9511
4319	84.2393	84.7845	86.023	65.8287	65.8287	65.8287
4320	83.7656	84.2235	85.1331	65.7072	65.7072	65.7072
4321	85.3586	96.6552	88.4872	71.9882	71.9882	96.1785
4322	86.2045	97.6006	89.2598	75.0914	75.0914	99.4028
4323	86.6295	98.0411	89.6059	76.8152	76.8152	101.126
4324	86.7877	97.9692	89.679	77.862	77.862	101.851
4325	86.9085	97.8054	90.187	78.5127	78.5127	101.821
4326	87.2075	97.9143	91.6028	78.8836	78.8836	101.168
4327	87.4983	97.9531	92.6157	79.0943	79.0943	100.287
4328	88.205	99.2563	95.1425	79.2288	79.2288	99.3872
4329	85.7199	86.1492	86.6956	74.7005	74.7005	76.2746
4330	84.2145	84.5854	85.0573	72.6634	72.6634	74.023
4331	83.4295	84.0057	84.739	71.9233	71.9233	74.0358
4332	82.8959	83.4721	84.2054	71.5552	71.5552	73.6676
4333	82.4994	83.0756	83.8089	71.3449	71.3449	73.4573
4334	82.5951	83.4973	85.3327	70.6645	70.6645	70.6645
4335	82.5936	83.5155	85.4353	70.2831	70.2831	70.2831
4336	82.5203	83.4366	85.3975	70.0291	70.0291	70.0291
4337	82.4092	83.3197	85.3218	69.8299	69.8299	69.8299
4338	82.2785	83.1834	85.2266	69.6548	69.6548	69.6548
4339	82.0573	82.94	84.7356	69.4905	69.4905	69.4905
4340	81.8563	82.739	84.5346	69.3318	69.3318	69.3318
4341	81.6668	82.5495	84.3451	69.1762	69.1762	69.1762
4342	81.4842	82.3669	84.1625	69.0228	69.0228	69.0228
4343	81.3058	82.1885	83.9841	68.8711	68.8711	68.8711
4344	81.1303	82.013	83.8086	68.721	68.721	68.721
4345	81.0017	81.9256	83.8316	68.5724	68.5724	68.5724
4346	80.867	81.7839	83.7404	68.4253	68.4253	68.4253
4347	80.7301	81.64	83.6469	68.2795	68.2795	68.2795
4348	80.5929	81.4959	83.5533	68.1352	68.1352	68.1352
4349	80.4568	81.3528	83.4607	67.9922	67.9922	67.9922
4350	80.3258	81.2219	83.3807	67.8505	67.8505	67.8505
4351	80.2018	81.104	83.3141	67.7102	67.7102	67.7102
4352	80.0196	80.9268	82.9537	67.5712	67.5712	67.5712
4353	79.8525	80.7583	82.7946	67.4335	67.4335	67.4335
4354	79.6941	80.5986	82.6442	67.297	67.297	67.297
4355	79.5333	80.4419	82.459	67.1619	67.1619	67.1619
4356	79.369	80.2832	82.2592	67.028	67.028	67.028
4357	81.5825	84.1422	92.4167	66.8984	66.8984	66.8984

4358	83.2308	94.8115	91.5127	71.8823	71.8823	91.4016
4359	83.9005	94.6041	91.5283	73.9936	73.9936	92.3843
4360	84.1467	94.1443	91.6103	74.8563	74.8563	92.0861
4361	84.4158	94.3499	92.2822	75.1656	75.1656	91.2327
4362	84.8381	95.1261	93.3223	75.2164	75.2164	90.1186
4363	84.9587	94.7358	93.2498	75.121	75.121	88.8051
4364	85.1711	94.8608	94.3017	74.953	74.953	87.4779
4365	85.4904	95.4637	95.522	74.7433	74.7433	86.1551
4366	85.8415	96.2213	96.6639	74.4878	74.4878	84.761
4367	86.1445	96.9025	97.6415	74.1786	74.1786	83.2648
4368	86.4156	97.664	98.7814	73.841	73.841	81.8109
4369	85.4457	93.0885	94.5275	72.2998	72.2998	74.5675
4370	84.4823	91.8041	93.0813	71.0518	71.0518	71.0518
4371	84.0148	92.8266	93.7493	70.5031	70.5031	70.5031
4372	81.8086	81.8086	81.8086	70.2579	70.2579	70.2579
4373	80.5784	80.5784	80.5784	70.1466	70.1466	70.1466
4374	79.8905	79.8905	79.8905	70.094	70.094	70.094
4375	79.504	79.504	79.504	70.067	70.067	70.067
4376	79.2848	79.2848	79.2848	70.0513	70.0513	70.0513
4377	79.1587	79.1587	79.1587	70.0404	70.0404	70.0404
4378	79.0843	79.0843	79.0843	70.0318	70.0318	70.0318
4379	79.0387	79.0387	79.0387	70.0241	70.0241	70.0241
4380	79.009	79.009	79.009	70.0167	70.0167	70.0167
4381	78.9881	78.9881	78.9881	70.0096	70.0096	70.0096
4382	78.9722	78.9722	78.9722	70.0026	70.0026	70.0026
4383	78.9591	78.9591	78.9591	69.9956	69.9956	69.9956
4384	78.9474	78.9474	78.9474	69.9886	69.9886	69.9886
4385	78.9366	78.9366	78.9366	69.9816	69.9816	69.9816
4386	78.9263	78.9263	78.9263	69.9746	69.9746	69.9746
4387	78.9163	78.9163	78.9163	69.9677	69.9677	69.9677
4388	78.9064	78.9064	78.9064	69.9607	69.9607	69.9607
4389	78.8965	78.8965	78.8965	69.9537	69.9537	69.9537
4390	78.8868	78.8868	78.8868	69.9468	69.9468	69.9468
4391	78.877	78.877	78.877	69.9398	69.9398	69.9398
4392	78.8673	78.8673	78.8673	69.9328	69.9328	69.9328
4393	78.8576	78.8576	78.8576	69.9259	69.9259	69.9259
4394	78.8478	78.8478	78.8478	69.9189	69.9189	69.9189
4395	78.8381	78.8381	78.8381	69.912	69.912	69.912
4396	78.8284	78.8284	78.8284	69.905	69.905	69.905
4397	78.8187	78.8187	78.8187	69.8981	69.8981	69.8981
4398	78.809	78.809	78.809	69.8911	69.8911	69.8911
4399	78.7993	78.7993	78.7993	69.8842	69.8842	69.8842
4400	78.7896	78.7896	78.7896	69.8773	69.8773	69.8773
4401	78.7799	78.7799	78.7799	69.8703	69.8703	69.8703
4402	78.7702	78.7702	78.7702	69.8634	69.8634	69.8634
4403	78.7606	78.7606	78.7606	69.8565	69.8565	69.8565
4404	78.7509	78.7509	78.7509	69.8495	69.8495	69.8495
4405	78.7412	78.7412	78.7412	69.8426	69.8426	69.8426
4406	78.7315	78.7315	78.7315	69.8357	69.8357	69.8357
4407	78.7218	78.7218	78.7218	69.8287	69.8287	69.8287
4408	78.7122	78.7122	78.7122	69.8218	69.8218	69.8218
4409	78.7025	78.7025	78.7025	69.8149	69.8149	69.8149
4410	78.6928	78.6928	78.6928	69.808	69.808	69.808
4411	78.6831	78.6831	78.6831	69.8011	69.8011	69.8011
4412	78.6735	78.6735	78.6735	69.7942	69.7942	69.7942
4413	78.6638	78.6638	78.6638	69.7873	69.7873	69.7873

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4414	78.6542	78.6542	78.6542	69.7803	69.7803	69.7803
4415	78.6445	78.6445	78.6445	69.7734	69.7734	69.7734
4416	78.6348	78.6348	78.6348	69.7665	69.7665	69.7665
4417	78.6252	78.6252	78.6252	69.7596	69.7596	69.7596
4418	78.6155	78.6155	78.6155	69.7527	69.7527	69.7527
4419	78.6059	78.6059	78.6059	69.7458	69.7458	69.7458
4420	78.5963	78.5963	78.5963	69.739	69.739	69.739
4421	78.5866	78.5866	78.5866	69.7321	69.7321	69.7321
4422	78.577	78.577	78.577	69.7252	69.7252	69.7252
4423	78.5673	78.5673	78.5673	69.7183	69.7183	69.7183
4424	78.5577	78.5577	78.5577	69.7114	69.7114	69.7114
4425	78.5481	78.5481	78.5481	69.7045	69.7045	69.7045
4426	78.5384	78.5384	78.5384	69.6976	69.6976	69.6976
4427	78.5288	78.5288	78.5288	69.6908	69.6908	69.6908
4428	78.5192	78.5192	78.5192	69.6839	69.6839	69.6839
4429	78.5096	78.5096	78.5096	69.677	69.677	69.677
4430	78.4999	78.4999	78.4999	69.6701	69.6701	69.6701
4431	78.4903	78.4903	78.4903	69.6633	69.6633	69.6633
4432	78.4807	78.4807	78.4807	69.6564	69.6564	69.6564
4433	78.4711	78.4711	78.4711	69.6495	69.6495	69.6495
4434	78.4615	78.4615	78.4615	69.6427	69.6427	69.6427
4435	78.4519	78.4519	78.4519	69.6358	69.6358	69.6358
4436	78.4423	78.4423	78.4423	69.629	69.629	69.629
4437	78.4327	78.4327	78.4327	69.6221	69.6221	69.6221
4438	78.4231	78.4231	78.4231	69.6153	69.6153	69.6153
4439	78.4135	78.4135	78.4135	69.6084	69.6084	69.6084
4440	78.4039	78.4039	78.4039	69.6016	69.6016	69.6016
4441	78.3943	78.3943	78.3943	69.5947	69.5947	69.5947
4442	78.3847	78.3847	78.3847	69.5879	69.5879	69.5879
4443	78.3751	78.3751	78.3751	69.581	69.581	69.581
4444	78.3656	78.3656	78.3656	69.5742	69.5742	69.5742
4445	78.356	78.356	78.356	69.5673	69.5673	69.5673
4446	78.3464	78.3464	78.3464	69.5605	69.5605	69.5605
4447	78.3368	78.3368	78.3368	69.5537	69.5537	69.5537
4448	78.3272	78.3272	78.3272	69.5469	69.5469	69.5469
4449	78.3177	78.3177	78.3177	69.54	69.54	69.54
4450	78.3081	78.3081	78.3081	69.5332	69.5332	69.5332
4451	78.2985	78.2985	78.2985	69.5264	69.5264	69.5264
4452	78.289	78.289	78.289	69.5196	69.5196	69.5196
4453	78.2794	78.2794	78.2794	69.5127	69.5127	69.5127
4454	78.2699	78.2699	78.2699	69.5059	69.5059	69.5059
4455	78.2603	78.2603	78.2603	69.4991	69.4991	69.4991
4456	78.2507	78.2507	78.2507	69.4923	69.4923	69.4923
4457	78.2412	78.2412	78.2412	69.4855	69.4855	69.4855
4458	78.2316	78.2316	78.2316	69.4787	69.4787	69.4787
4459	78.2221	78.2221	78.2221	69.4719	69.4719	69.4719
4460	78.2126	78.2126	78.2126	69.4651	69.4651	69.4651
4461	78.203	78.203	78.203	69.4583	69.4583	69.4583
4462	78.1935	78.1935	78.1935	69.4515	69.4515	69.4515
4463	78.1839	78.1839	78.1839	69.4447	69.4447	69.4447
4464	78.1744	78.1744	78.1744	69.4379	69.4379	69.4379
4465	78.1649	78.1649	78.1649	69.4311	69.4311	69.4311
4466	78.1554	78.1554	78.1554	69.4243	69.4243	69.4243
4467	78.1458	78.1458	78.1458	69.4175	69.4175	69.4175
4468	78.1363	78.1363	78.1363	69.4107	69.4107	69.4107
4469	78.1268	78.1268	78.1268	69.4039	69.4039	69.4039

4470	78.1173	78.1173	78.1173	69.3972	69.3972	69.3972
4471	78.1077	78.1077	78.1077	69.3904	69.3904	69.3904
4472	78.0982	78.0982	78.0982	69.3836	69.3836	69.3836
4473	78.0887	78.0887	78.0887	69.3768	69.3768	69.3768
4474	78.0792	78.0792	78.0792	69.3701	69.3701	69.3701
4475	78.0697	78.0697	78.0697	69.3633	69.3633	69.3633
4476	78.0602	78.0602	78.0602	69.3565	69.3565	69.3565
4477	78.0507	78.0507	78.0507	69.3498	69.3498	69.3498
4478	78.0412	78.0412	78.0412	69.343	69.343	69.343
4479	78.0317	78.0317	78.0317	69.3362	69.3362	69.3362
4480	78.0222	78.0222	78.0222	69.3295	69.3295	69.3295
4481	78.0127	78.0127	78.0127	69.3227	69.3227	69.3227
4482	78.0032	78.0032	78.0032	69.316	69.316	69.316
4483	77.9938	77.9938	77.9938	69.3092	69.3092	69.3092
4484	77.9843	77.9843	77.9843	69.3025	69.3025	69.3025
4485	77.9748	77.9748	77.9748	69.2957	69.2957	69.2957
4486	77.9653	77.9653	77.9653	69.289	69.289	69.289
4487	77.9558	77.9558	77.9558	69.2822	69.2822	69.2822
4488	77.9464	77.9464	77.9464	69.2755	69.2755	69.2755
4489	77.9369	77.9369	77.9369	69.2688	69.2688	69.2688
4490	77.9274	77.9274	77.9274	69.262	69.262	69.262
4491	77.918	77.918	77.918	69.2553	69.2553	69.2553
4492	77.9085	77.9085	77.9085	69.2486	69.2486	69.2486
4493	77.899	77.899	77.899	69.2418	69.2418	69.2418
4494	77.8896	77.8896	77.8896	69.2351	69.2351	69.2351
4495	77.8801	77.8801	77.8801	69.2284	69.2284	69.2284
4496	77.8707	77.8707	77.8707	69.2216	69.2216	69.2216
4497	77.8612	77.8612	77.8612	69.2149	69.2149	69.2149
4498	77.8518	77.8518	77.8518	69.2082	69.2082	69.2082
4499	77.8423	77.8423	77.8423	69.2015	69.2015	69.2015
4500	77.8329	77.8329	77.8329	69.1948	69.1948	69.1948
4501	77.8234	77.8234	77.8234	69.1881	69.1881	69.1881
4502	77.814	77.814	77.814	69.1814	69.1814	69.1814
4503	77.8046	77.8046	77.8046	69.1747	69.1747	69.1747
4504	77.7951	77.7951	77.7951	69.1679	69.1679	69.1679
4505	77.7857	77.7857	77.7857	69.1612	69.1612	69.1612
4506	77.7763	77.7763	77.7763	69.1545	69.1545	69.1545
4507	77.7669	77.7669	77.7669	69.1478	69.1478	69.1478
4508	77.7574	77.7574	77.7574	69.1411	69.1411	69.1411
4509	77.748	77.748	77.748	69.1345	69.1345	69.1345
4510	77.7386	77.7386	77.7386	69.1278	69.1278	69.1278
4511	77.7292	77.7292	77.7292	69.1211	69.1211	69.1211
4512	77.7198	77.7198	77.7198	69.1144	69.1144	69.1144
4513	77.7103	77.7103	77.7103	69.1077	69.1077	69.1077
4514	77.7009	77.7009	77.7009	69.101	69.101	69.101
4515	77.6915	77.6915	77.6915	69.0943	69.0943	69.0943
4516	77.6821	77.6821	77.6821	69.0877	69.0877	69.0877
4517	77.6727	77.6727	77.6727	69.081	69.081	69.081
4518	77.6633	77.6633	77.6633	69.0743	69.0743	69.0743
4519	77.6539	77.6539	77.6539	69.0676	69.0676	69.0676
4520	77.6445	77.6445	77.6445	69.061	69.061	69.061
4521	77.6352	77.6352	77.6352	69.0543	69.0543	69.0543
4522	77.6258	77.6258	77.6258	69.0476	69.0476	69.0476
4523	77.6164	77.6164	77.6164	69.041	69.041	69.041
4524	77.607	77.607	77.607	69.0343	69.0343	69.0343
4525	77.5976	77.5976	77.5976	69.0276	69.0276	69.0276

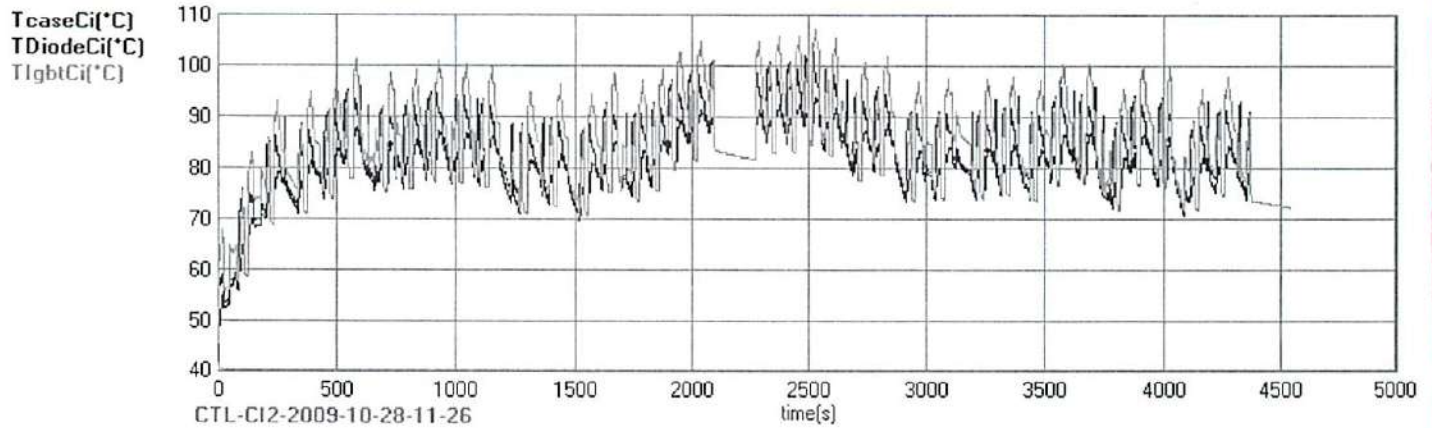
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4526	77.5882	77.5882	77.5882	69.021	69.021	69.021
4527	77.5789	77.5789	77.5789	69.0143	69.0143	69.0143
4528	77.5695	77.5695	77.5695	69.0077	69.0077	69.0077
4529	77.5601	77.5601	77.5601	69.001	69.001	69.001
4530	77.5507	77.5507	77.5507	68.9944	68.9944	68.9944
4531	77.5414	77.5414	77.5414	68.9877	68.9877	68.9877
4532	77.532	77.532	77.532	68.9811	68.9811	68.9811
4533	77.5227	77.5227	77.5227	68.9745	68.9745	68.9745
4534	77.5133	77.5133	77.5133	68.9678	68.9678	68.9678
4535	77.5039	77.5039	77.5039	68.9612	68.9612	68.9612
4536	77.4946	77.4946	77.4946	68.9545	68.9545	68.9545
4537	77.4852	77.4852	77.4852	68.9479	68.9479	68.9479
4538	77.4759	77.4759	77.4759	68.9413	68.9413	68.9413
4539	77.4665	77.4665	77.4665	68.9346	68.9346	68.9346
4540	77.4572	77.4572	77.4572	68.928	68.928	68.928
4541	77.4479	77.4479	77.4479	68.9214	68.9214	68.9214
4542	77.4385	77.4385	77.4385	68.9148	68.9148	68.9148
4543	77.4292	77.4292	77.4292	68.9082	68.9082	68.9082
4544	77.4198	77.4198	77.4198	68.9015	68.9015	68.9015
4545	77.4105	77.4105	77.4105	68.8949	68.8949	68.8949
4546	77.4012	77.4012	77.4012	68.8883	68.8883	68.8883
4547	77.3919	77.3919	77.3919	68.8817	68.8817	68.8817
4548	77.3825	77.3825	77.3825	68.8751	68.8751	68.8751
4549	77.3732	77.3732	77.3732	68.8685	68.8685	68.8685
4550	77.3639	77.3639	77.3639	68.8619	68.8619	68.8619
4551	77.3546	77.3546	77.3546	68.8553	68.8553	68.8553
4552	77.3453	77.3453	77.3453	68.8487	68.8487	68.8487

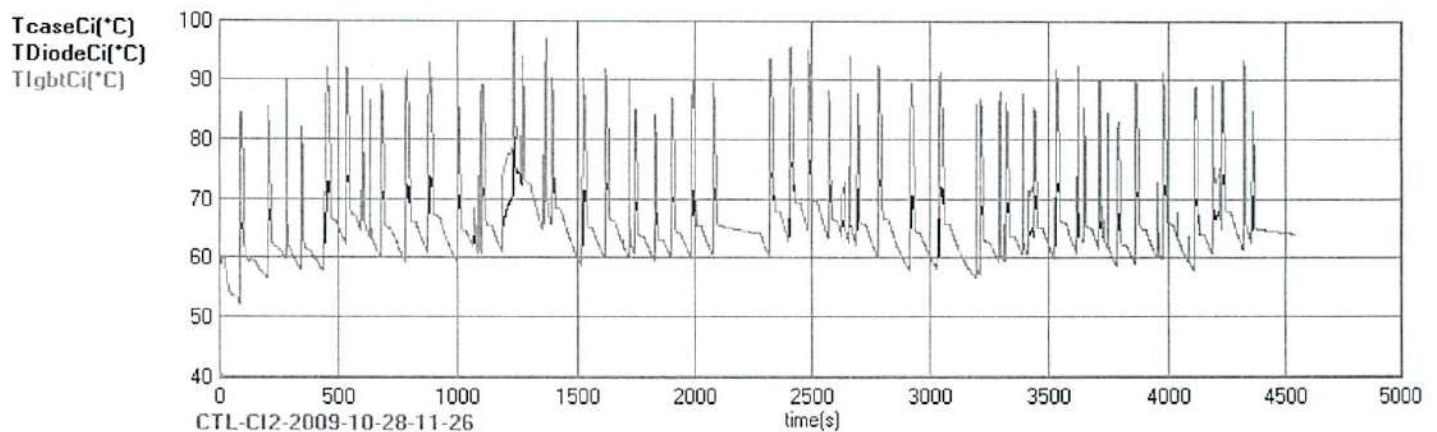
Inverter Temperature 1500V
Air flow 2240m

7C 3M AW1 4p/m²

Degraded Mode 2Mout



Rheo temerature Temperature 1800V
Air flow 2240m



00011337

7C 3M AW1 4p/m² Degraded Mode 2Mout

INV CM1200HC-66H-203_Mitsubishi_1_5.6
 RHEO CM800E6C-66H-202_Mitsubishi_1_5.6

time(s)	TcaseCi(°C)	TDiodeCi(°C)	TIgibtCi(°C)	TcaseCi(°C)	TDiodeCi(°C)	TIgibtCi(°C)
Maximum	93.9	103.1	107.3	80.2	80.2	99.7

time(s)	TcaseCi(°C)	TDiodeCi(°C)	TIgibtCi(°C)	TcaseCi(°C)	TDiodeCi(°C)	TIgibtCi(°C)
0	42	45.2177	45.4066	42	42	42
1	44.188	53.6942	54.6795	54.2835	54.2835	54.2835
2	46.5773	58.6484	60.8036	57.3841	57.3841	57.3841
3	47.9934	58.2131	61.0974	58.3893	58.3893	58.3893
4	48.8785	58.2436	61.8592	58.8847	58.8847	58.8847
5	49.5008	58.0761	62.3996	59.1748	59.1748	59.1748
6	50.0096	57.8928	62.8986	59.3658	59.3658	59.3658
7	50.4583	57.6885	63.3341	59.5026	59.5026	59.5026
8	50.8869	57.5562	63.7726	59.615	59.615	59.615
9	51.2921	57.3705	64.1824	59.7038	59.7038	59.7038
10	51.6595	57.087	64.5523	59.7624	59.7624	59.7624
11	52.0115	56.882	64.8424	59.8031	59.8031	59.8031
12	52.378	57.0039	64.9288	59.8419	59.8419	59.8419
13	52.785	57.2249	65.2087	59.8935	59.8935	59.8935
14	53.4079	57.9954	66.587	60.0324	60.0324	60.0324
15	54.1286	58.8223	67.9569	60.2295	60.2295	60.2295
16	54.3782	58.4493	67.0351	60.287	60.287	60.287
17	54.3785	57.8747	65.9536	60.2378	60.2378	60.2378
18	54.4299	57.6944	65.5891	60.1632	60.1632	60.1632
19	54.5734	57.7267	65.5496	60.088	60.088	60.088
20	54.7656	57.8132	65.5679	60.0129	60.0129	60.0129
21	55.0135	58.0296	65.7645	59.9461	59.9461	59.9461
22	55.2906	58.2767	65.9928	59.8866	59.8866	59.8866
23	55.5828	58.5399	66.2378	59.8333	59.8333	59.8333
24	53.7539	54.7571	56.8292	59.2887	59.2887	59.2887
25	52.7964	53.8025	55.9211	58.7907	58.7907	58.7907
26	52.3435	53.3606	55.6303	58.3408	58.3408	58.3408
27	52.209	53.2471	55.8089	57.9424	57.9424	57.9424
28	52.197	53.2441	55.9138	57.579	57.579	57.579
29	52.1789	53.2149	55.7489	57.2327	57.2327	57.2327
30	52.2142	53.2546	55.8485	56.9128	56.9128	56.9128
31	52.2781	53.3227	55.9722	56.6166	56.6166	56.6166
32	52.3415	53.386	56.0356	56.339	56.339	56.339
33	52.4043	53.4489	56.0984	56.0781	56.0781	56.0781
34	52.4667	53.5112	56.1608	55.8326	55.8326	55.8326
35	52.5286	53.5731	56.2227	55.6011	55.6011	55.6011
36	52.59	53.6346	56.2841	55.3825	55.3825	55.3825
37	52.651	53.6956	56.3451	55.1757	55.1757	55.1757
38	52.7116	53.7561	56.4057	54.9798	54.9798	54.9798
39	52.7717	53.8162	56.4658	54.794	54.794	54.794
40	52.8314	53.8759	56.5255	54.6174	54.6174	54.6174
41	52.8906	53.9352	56.5847	54.4494	54.4494	54.4494
42	52.8683	53.8932	56.2721	54.2786	54.2786	54.2786
43	52.8639	53.8854	56.2166	54.1139	54.1139	54.1139
44	52.8688	53.887	56.1717	53.9549	53.9549	53.9549
45	52.889	53.9065	56.1822	53.8027	53.8027	53.8027

46	52.9044	53.9181	56.142	53.6551	53.6551	53.6551
47	54.7751	57.287	64.628	53.7336	53.7336	53.7336
48	55.704	57.8329	64.8665	53.7849	53.7849	53.7849
49	56.1168	57.875	64.611	53.8115	53.8115	53.8115
50	56.2703	57.7214	64.2055	53.8185	53.8185	53.8185
51	56.3957	57.7865	64.1873	53.8205	53.8205	53.8205
52	56.5043	57.8367	64.1568	53.8178	53.8178	53.8178
53	56.6021	57.8782	64.1201	53.8109	53.8109	53.8109
54	56.6926	57.9137	64.0796	53.8002	53.8002	53.8002
55	56.7676	57.9184	63.98	53.7849	53.7849	53.7849
56	56.8203	57.8813	63.8025	53.7643	53.7643	53.7643
57	56.8583	57.8314	63.615	53.7387	53.7387	53.7387
58	56.8857	57.7726	63.4211	53.7084	53.7084	53.7084
59	56.9038	57.704	63.2171	53.6738	53.6738	53.6738
60	56.9274	57.6597	63.0718	53.6363	53.6363	53.6363
61	56.9986	57.7252	63.1511	53.6004	53.6004	53.6004
62	57.0956	57.8163	63.2564	53.5661	53.5661	53.5661
63	57.2065	57.9212	63.3759	53.5333	53.5333	53.5333
64	57.325	58.0336	63.5031	53.502	53.502	53.502
65	57.4467	58.1496	63.6305	53.4719	53.4719	53.4719
66	57.5679	58.2664	63.75	53.443	53.443	53.443
67	57.6886	58.3828	63.869	53.415	53.415	53.415
68	57.8087	58.4987	63.9874	53.3881	53.3881	53.3881
69	57.9282	58.614	64.1052	53.3621	53.3621	53.3621
70	58.0454	58.7281	64.2152	53.3368	53.3368	53.3368
71	58.1593	58.8398	64.3155	53.3121	53.3121	53.3121
72	58.271	58.9493	64.4137	53.288	53.288	53.288
73	58.381	59.0572	64.5106	53.2645	53.2645	53.2645
74	58.4897	59.1638	64.6064	53.2415	53.2415	53.2415
75	57.3843	57.9506	59.0203	53.1284	53.1284	53.1284
76	56.7687	57.3349	58.4046	53.0182	53.0182	53.0182
77	56.4187	56.985	58.0547	52.911	52.911	52.911
78	56.213	56.7793	57.849	52.8064	52.8064	52.8064
79	56.0857	56.6519	57.7216	52.7046	52.7046	52.7046
80	56.0365	56.5224	57.8417	52.6077	52.6077	52.6077
81	56.0023	56.4812	57.8341	52.5137	52.5137	52.5137
82	55.9767	56.4486	57.8351	52.4224	52.4224	52.4224
83	55.9332	56.4283	57.717	52.3321	52.3321	52.3321
84	55.896	56.3911	57.6798	52.244	52.244	52.244
85	55.8623	56.3574	57.6461	52.158	52.158	52.158
86	57.5071	69.6499	60.0833	57.7606	57.7606	78.2647
87	58.4658	70.7353	60.9959	60.9539	60.9539	81.5475
88	59.0378	71.3458	61.5206	62.9041	62.9041	83.4952
89	59.3532	71.3764	61.7804	64.1228	64.1228	84.4015
90	59.6741	71.3315	62.7914	64.8711	64.8711	84.5206
91	60.0854	71.4181	64.2755	65.3084	65.3084	84.114
92	60.4981	71.6706	65.4262	65.5596	65.5596	83.4751
93	61.3674	73.2599	68.4617	65.7298	65.7298	82.7492
94	61.8678	73.2928	68.9067	65.8171	65.8171	81.9289
95	62.0717	72.7522	68.8829	65.8303	65.8303	81.0041
96	62.2732	72.6212	69.3263	65.7895	65.7895	80.0033
97	62.7387	73.7593	70.3463	65.7226	65.7226	78.9788
98	62.9482	73.5891	70.4014	65.5939	65.5939	77.8344
99	63.1776	73.5659	71.2401	65.4308	65.4308	76.6727
100	63.5074	73.9437	72.4047	65.2485	65.2485	75.5185
101	63.9097	74.65	73.561	65.0459	65.0459	74.3429

102	64.2794	75.2558	74.5143	64.7965	64.7965	73.0346
103	64.6268	75.7675	75.522	64.5246	64.5246	71.7424
104	64.1761	72.2991	73.03	63.4626	63.4626	66.546
105	63.4015	69.8445	71.1506	62.1916	62.1916	62.1916
106	63.0478	70.8496	72.0016	61.5307	61.5307	61.5307
107	61.1187	61.1187	61.1187	61.0904	61.0904	61.0904
108	60.0449	60.0449	60.0449	60.8143	60.8143	60.8143
109	59.4462	59.4462	59.4462	60.6239	60.6239	60.6239
110	59.1116	59.1116	59.1116	60.4785	60.4785	60.4785
111	58.9237	58.9237	58.9237	60.3572	60.3572	60.3572
112	58.8174	58.8174	58.8174	60.2492	60.2492	60.2492
113	58.7563	58.7563	58.7563	60.1487	60.1487	60.1487
114	58.7205	58.7205	58.7205	60.0529	60.0529	60.0529
115	58.6986	58.6986	58.6986	59.9604	59.9604	59.9604
116	58.6845	58.6845	58.6845	59.8701	59.8701	59.8701
117	58.6747	58.6747	58.6747	59.7818	59.7818	59.7818
118	58.6673	58.6673	58.6673	59.6951	59.6951	59.6951
119	58.6612	58.6612	58.6612	59.61	59.61	59.61
120	58.6559	58.6559	58.6559	59.5263	59.5263	59.5263
121	58.651	58.651	58.651	59.444	59.444	59.444
122	58.6463	58.6463	58.6463	59.363	59.363	59.363
123	58.6418	58.6418	58.6418	59.2834	59.2834	59.2834
124	61.9602	77.4662	78.7543	59.3554	59.3554	59.3554
125	63.8868	77.1251	78.9856	59.4253	59.4253	59.4253
126	65.0366	75.6868	78.2026	59.4931	59.4931	59.4931
127	65.7709	75.564	78.8106	59.5595	59.5595	59.5595
128	66.2757	75.2169	79.1953	59.6247	59.6247	59.6247
129	66.6594	74.8937	79.5565	59.6687	59.6687	59.6687
130	66.9796	74.5108	79.8545	59.6857	59.6857	59.6857
131	67.2824	74.2368	80.1656	59.6898	59.6898	59.6898
132	67.5758	73.9644	80.4639	59.6875	59.6875	59.6875
133	67.8365	73.5916	80.7279	59.681	59.681	59.681
134	68.0711	73.1761	80.9654	59.6716	59.6716	59.6716
135	68.3129	73.0619	81.0047	59.6612	59.6612	59.6612
136	68.5667	73.0714	80.9788	59.6507	59.6507	59.6507
137	68.9696	73.481	81.7598	59.6459	59.6459	59.6459
138	69.5366	74.191	83.0584	59.6501	59.6501	59.6501
139	69.9346	74.3653	83.2684	59.6522	59.6522	59.6522
140	69.9807	73.8472	82.2527	59.6421	59.6421	59.6421
141	69.8481	73.2057	81.1623	59.621	59.621	59.621
142	69.8419	73.0915	80.9765	59.5988	59.5988	59.5988
143	69.9078	73.0636	80.888	59.5756	59.5756	59.5756
144	70.0127	73.0823	80.8511	59.5516	59.5516	59.5516
145	70.1559	73.1861	80.9297	59.5276	59.5276	59.5276
146	70.3255	73.3336	81.0635	59.5037	59.5037	59.5037
147	70.5087	73.4967	81.2139	59.48	59.48	59.48
148	70.6984	73.6684	81.3742	59.4565	59.4565	59.4565
149	70.8844	73.8259	81.5119	59.4329	59.4329	59.4329
150	69.7856	71.4674	75.7703	59.3613	59.3613	59.3613
151	68.9277	70.3124	73.9626	59.2802	59.2802	59.2802
152	68.4936	69.9099	73.6348	59.201	59.201	59.201
153	68.2726	69.7012	73.4555	59.123	59.123	59.123
154	68.1684	69.6103	73.3957	59.0464	59.0464	59.0464
155	68.2189	69.7703	73.7986	58.9742	58.9742	58.9742
156	68.2704	69.8379	73.8994	58.9033	58.9033	58.9033
157	68.3247	69.9099	74.0078	58.8337	58.8337	58.8337

158	68.3836	69.9889	74.1282	58.7654	58.7654	58.7654
159	68.4461	70.0715	74.2539	58.6985	58.6985	58.6985
160	68.4068	69.9393	73.9285	58.6293	58.6293	58.6293
161	68.3935	69.926	73.9152	58.5607	58.5607	58.5607
162	68.3942	69.9267	73.9159	58.4929	58.4929	58.4929
163	68.4025	69.935	73.9242	58.4257	58.4257	58.4257
164	68.4148	69.9473	73.9365	58.3591	58.3591	58.3591
165	68.4292	69.9617	73.9509	58.2933	58.2933	58.2933
166	68.4447	69.9772	73.9664	58.2281	58.2281	58.2281
167	68.4608	69.9933	73.9825	58.1636	58.1636	58.1636
168	68.4771	70.0096	73.9988	58.0997	58.0997	58.0997
169	68.4935	70.026	74.0152	58.0364	58.0364	58.0364
170	68.5099	70.0424	74.0316	57.9737	57.9737	57.9737
171	68.5262	70.0587	74.0479	57.9117	57.9117	57.9117
172	68.5424	70.0749	74.0641	57.8503	57.8503	57.8503
173	68.5585	70.091	74.0802	57.7895	57.7895	57.7895
174	68.5745	70.107	74.0962	57.7293	57.7293	57.7293
175	68.5904	70.123	74.1122	57.6697	57.6697	57.6697
176	68.564	70.0512	73.9439	57.6093	57.6093	57.6093
177	68.502	69.9346	73.6979	57.5479	57.5479	57.5479
178	68.4577	69.8771	73.6093	57.4866	57.4866	57.4866
179	68.4431	69.871	73.6234	57.4263	57.4263	57.4263
180	68.41	69.8099	73.4961	57.3657	57.3657	57.3657
181	69.0494	71.0326	76.5009	57.326	57.326	57.326
182	70.0545	72.4907	79.7709	57.3058	57.3058	57.3058
183	70.5256	72.6933	79.758	57.2815	57.2815	57.2815
184	70.6927	72.5802	79.42	57.2527	57.2527	57.2527
185	70.6807	72.2776	78.8841	57.2196	57.2196	57.2196
186	70.6237	72.0544	78.5104	57.1838	57.1838	57.1838
187	70.5903	71.9647	78.3427	57.1472	57.1472	57.1472
188	70.5659	71.8819	78.1791	57.1097	57.1097	57.1097
189	70.5423	71.7979	78.0116	57.0713	57.0713	57.0713
190	70.5151	71.7084	77.8358	57.0318	57.0318	57.0318
191	70.4582	71.5453	77.5073	56.9907	56.9907	56.9907
192	70.3805	71.3603	77.1544	56.9479	56.9479	56.9479
193	70.289	71.1636	76.7932	56.9035	56.9035	56.9035
194	70.1874	70.9591	76.4274	56.8576	56.8576	56.8576
195	70.1227	70.8523	76.271	56.8114	56.8114	56.8114
196	70.1036	70.8267	76.2609	56.7659	56.7659	56.7659
197	70.1092	70.8261	76.2755	56.7209	56.7209	56.7209
198	70.1285	70.8391	76.3035	56.6765	56.6765	56.6765
199	70.1551	70.8597	76.3388	56.6326	56.6326	56.6326
200	70.6032	82.7621	73.0525	62.1527	62.1527	82.5767
201	70.8522	82.6554	73.4803	65.0999	65.0999	85.068
202	71.2193	82.6491	75.1007	66.6344	66.6344	85.7864
203	71.5523	82.7574	76.1367	67.4234	67.4234	85.6941
204	72.173	83.7763	78.3973	67.8276	67.8276	85.207
205	72.8172	84.5546	80.1097	68.0211	68.0211	84.5005
206	73.0119	83.9844	79.7744	68.0787	68.0787	83.6431
207	73.0723	83.3272	79.9545	68.0413	68.0413	82.646
208	73.3781	84.132	80.7646	67.9507	67.9507	81.5983
209	73.6255	84.4215	81.1418	67.8049	67.8049	80.4601
210	73.7526	84.2268	81.4624	67.6101	67.6101	79.2573
211	73.9626	84.2686	82.5315	67.3857	67.3857	78.0436
212	74.2848	84.9129	83.6574	67.1467	67.1467	76.8558
213	74.5935	85.4734	84.5901	66.8647	66.8647	75.535

214	74.8756	85.9503	85.4999	66.5499	66.5499	74.1836
215	74.8144	84.7274	84.9764	65.9021	65.9021	71.2203
216	73.7985	79.5158	80.9043	64.3413	64.3413	64.3413
217	73.3121	80.5591	81.774	63.5323	63.5323	63.5323
218	71.3172	71.3172	71.3172	63.0655	63.0655	63.0655
219	70.2056	70.2056	70.2056	62.7994	62.7994	62.7994
220	69.5848	69.5848	69.5848	62.6371	62.6371	62.6371
221	69.2367	69.2367	69.2367	62.5287	62.5287	62.5287
222	69.0401	69.0401	69.0401	62.4483	62.4483	62.4483
223	68.9278	68.9278	68.9278	62.3826	62.3826	62.3826
224	68.8622	68.8622	68.8622	62.3247	62.3247	62.3247
225	68.8226	68.8226	68.8226	62.2709	62.2709	62.2709
226	68.7975	68.7975	68.7975	62.2196	62.2196	62.2196
227	68.7804	68.7804	68.7804	62.1696	62.1696	62.1696
228	68.7678	68.7678	68.7678	62.1206	62.1206	62.1206
229	68.7577	68.7577	68.7577	62.0723	62.0723	62.0723
230	68.7489	68.7489	68.7489	62.0245	62.0245	62.0245
231	68.7409	68.7409	68.7409	61.9772	61.9772	61.9772
232	68.7333	68.7333	68.7333	61.9303	61.9303	61.9303
233	68.726	68.726	68.726	61.8837	61.8837	61.8837
234	68.7188	68.7188	68.7188	61.8376	61.8376	61.8376
235	72.0427	88.4745	89.5289	61.8714	61.8714	61.8714
236	73.9667	88.1303	89.723	61.9044	61.9044	61.9044
237	75.1208	86.9386	89.1577	61.9366	61.9366	61.9366
238	75.8488	85.9918	88.9401	61.9683	61.9683	61.9683
239	76.3474	85.6336	89.3125	61.9995	61.9995	61.9995
240	76.7082	85.2219	89.6056	62.0056	62.0056	62.0056
241	76.9846	84.8005	89.866	61.9796	61.9796	61.9796
242	77.2242	84.4097	90.1054	61.9378	61.9378	61.9378
243	77.4505	84.07	90.3366	61.8887	61.8887	61.8887
244	77.6562	83.6768	90.5464	61.8361	61.8361	61.8361
245	77.8294	83.1997	90.7225	61.7814	61.7814	61.7814
246	77.9933	82.8423	90.7995	61.726	61.726	61.726
247	78.1731	82.7774	90.6992	61.6709	61.6709	61.6709
248	78.4145	82.8675	90.9051	61.6176	61.6176	61.6176
249	78.8651	83.4654	92.1103	61.57	61.57	61.57
250	79.3598	83.997	93.0821	61.5263	61.5263	61.5263
251	79.4049	83.4235	91.9631	61.4757	61.4757	61.4757
252	79.2126	82.6594	90.6948	61.419	61.419	61.419
253	79.1	82.3531	90.2405	61.3611	61.3611	61.3611
254	79.0733	82.2135	90.0279	61.3032	61.3032	61.3032
255	79.097	82.1395	89.8909	61.2454	61.2454	61.2454
256	79.1743	82.1843	89.9153	61.1883	61.1883	61.1883
257	79.2804	82.2587	89.9698	61.1318	61.1318	61.1318
258	79.3458	82.1967	89.8098	61.0749	61.0749	61.0749
259	79.1791	81.5464	88.7714	61.0129	61.0129	61.0129
260	78.8769	80.7692	87.613	60.946	60.946	60.946
261	78.5055	79.9596	86.448	60.8748	60.8748	60.8748
262	78.2584	79.6292	86.0023	60.803	60.803	60.803
263	78.0767	79.3659	85.6261	60.7306	60.7306	60.7306
264	77.9288	79.1386	85.289	60.6576	60.6576	60.6576
265	77.775	78.868	84.8391	60.5837	60.5837	60.5837
266	77.6078	78.5729	84.344	60.5088	60.5088	60.5088
267	77.4304	78.2703	83.8454	60.4328	60.4328	60.4328
268	77.2564	77.989	83.4004	60.356	60.356	60.356
269	77.1558	77.8807	83.3109	60.2801	60.2801	60.2801

270	77.0951	77.8126	83.2604	60.2051	60.2051	60.2051
271	77.0562	77.7667	83.2316	60.1308	60.1308	60.1308
272	77.0292	77.7329	83.2133	60.0573	60.0573	60.0573
273	77.006	77.705	83.1882	59.9846	59.9846	59.9846
274	76.9849	77.6795	83.1654	59.9126	59.9126	59.9126
275	76.965	77.6555	83.1439	59.8413	59.8413	59.8413
276	76.9458	77.6326	83.1232	59.7707	59.7707	59.7707
277	76.9267	77.6102	83.1019	59.7008	59.7008	59.7008
278	77.3652	89.6618	79.8621	65.2466	65.2466	85.8385
279	77.5607	89.6694	80.0018	68.2709	68.2709	88.6411
280	77.7028	89.4281	80.5922	69.9101	69.9101	89.7081
281	77.9827	89.3413	82.0914	70.747	70.747	89.6667
282	78.2424	89.3795	83.0378	71.1458	71.1458	89.1287
283	78.1585	86.2246	83.4963	70.3524	70.3524	84.2207
284	76.906	77.9304	80.3017	66.5658	66.5658	66.5658
285	76.1661	77.1886	79.5327	64.607	64.607	64.607
286	75.7124	76.7348	79.0789	63.5672	63.5672	63.5672
287	75.4142	76.4366	78.7807	62.9894	62.9894	62.9894
288	75.2007	76.2232	78.5673	62.6443	62.6443	62.6443
289	75.1865	76.2548	79.0938	62.4195	62.4195	62.4195
290	75.1512	76.2255	79.1114	62.2545	62.2545	62.2545
291	75.1058	76.1875	79.1193	62.12	62.12	62.12
292	75.0566	76.1552	79.126	62.0016	62.0016	62.0016
293	75.0066	76.1221	79.1318	61.8918	61.8918	61.8918
294	74.873	75.9391	78.7596	61.7854	61.7854	61.7854
295	74.7591	75.8251	78.6456	61.6818	61.6818	61.6818
296	74.656	75.722	78.5426	61.58	61.58	61.58
297	74.5591	75.6252	78.4457	61.4797	61.4797	61.4797
298	74.4659	75.5319	78.3524	61.3804	61.3804	61.3804
299	74.3749	75.441	78.2615	61.2822	61.2822	61.2822
300	74.2855	75.3516	78.1721	61.1849	61.1849	61.1849
301	74.1972	75.2633	78.0838	61.0885	61.0885	61.0885
302	74.1098	75.1758	77.9964	60.993	60.993	60.993
303	74.0231	75.0892	77.9097	60.8984	60.8984	60.8984
304	73.9372	75.0032	77.8238	60.8047	60.8047	60.8047
305	73.8519	74.918	77.7385	60.7118	60.7118	60.7118
306	73.7672	74.8333	77.6538	60.6197	60.6197	60.6197
307	73.6832	74.7493	77.5698	60.5284	60.5284	60.5284
308	73.5998	74.6659	77.4864	60.438	60.438	60.438
309	73.517	74.583	77.4036	60.3484	60.3484	60.3484
310	73.4166	74.4756	77.24	60.2592	60.2592	60.2592
311	73.3964	74.4968	77.4718	60.1722	60.1722	60.1722
312	73.3515	74.452	77.427	60.0859	60.0859	60.0859
313	73.2936	74.3941	77.3691	60.0005	60.0005	60.0005
314	73.2289	74.3293	77.3043	59.9158	59.9158	59.9158
315	73.1748	74.2902	77.2998	59.8321	59.8321	59.8321
316	73.0452	74.1112	76.9318	59.7479	59.7479	59.7479
317	72.9393	74.0054	76.8259	59.6645	59.6645	59.6645
318	72.8466	73.9127	76.7332	59.5819	59.5819	59.5819
319	72.7613	73.8273	76.6478	59.4999	59.4999	59.4999
320	72.6802	73.7462	76.5668	59.4188	59.4188	59.4188
321	72.6016	73.6677	76.4882	59.3383	59.3383	59.3383
322	72.5247	73.5908	76.4113	59.2586	59.2586	59.2586
323	72.449	73.5151	76.3356	59.1795	59.1795	59.1795
324	72.3741	73.4402	76.2607	59.1012	59.1012	59.1012
325	72.2999	73.366	76.1865	59.0236	59.0236	59.0236

326	72.2263	73.2924	76.1129	58.9467	58.9467	58.9467
327	72.1533	73.2194	76.0399	58.8704	58.8704	58.8704
328	72.0809	73.147	75.9675	58.7949	58.7949	58.7949
329	72.009	73.0751	75.8956	58.72	58.72	58.72
330	71.9376	73.0037	75.8242	58.6457	58.6457	58.6457
331	71.8668	72.9329	75.7534	58.5722	58.5722	58.5722
332	71.7082	72.7447	75.2845	58.4977	58.4977	58.4977
333	71.5477	72.5751	74.988	58.4234	58.4234	58.4234
334	71.3853	72.4038	74.6933	58.349	58.349	58.349
335	71.2212	72.231	74.4001	58.2747	58.2747	58.2747
336	71.0555	72.0597	74.1074	58.2004	58.2004	58.2004
337	72.8443	75.4069	82.7886	58.1588	58.1588	58.1588
338	73.6587	75.8148	82.8702	58.114	58.114	58.114
339	73.936	75.6922	82.4268	58.0662	58.0662	58.0662
340	73.9528	75.3955	81.8681	58.016	58.016	58.016
341	74.3431	85.6099	79.5549	62.6911	62.6911	80.4892
342	75.158	87.1416	82.5324	65.0367	65.0367	81.9397
343	75.4839	86.8106	82.443	66.1858	66.1858	82.1819
344	75.5653	86.1559	82.3914	66.7076	66.7076	81.7613
345	75.702	86.135	82.8249	66.8969	66.8969	80.9922
346	76.0387	87.0122	83.6271	66.906	66.906	80.0365
347	76.1338	86.7277	83.5679	66.7903	66.7903	78.905
348	76.2848	86.6456	84.4547	66.6073	66.6073	77.7254
349	76.5383	87.0157	85.5348	66.3863	66.3863	76.5394
350	76.8452	87.6147	86.5687	66.1281	66.1281	75.294
351	77.1207	88.1199	87.4347	65.8207	65.8207	73.9311
352	77.3751	88.5358	88.3524	65.4889	65.4889	72.5806
353	76.6934	84.2737	85.1507	64.2656	64.2656	66.6715
354	75.9047	82.5158	83.8029	63.0783	63.0783	63.0783
355	75.5418	83.5118	84.6447	62.4639	62.4639	62.4639
356	73.6034	73.6034	73.6034	62.1168	62.1168	62.1168
357	72.5229	72.5229	72.5229	61.9224	61.9224	61.9224
358	71.9191	71.9191	71.9191	61.807	61.807	61.807
359	71.5801	71.5801	71.5801	61.7325	61.7325	61.7325
360	71.3884	71.3884	71.3884	61.6791	61.6791	61.6791
361	71.2785	71.2785	71.2785	61.6367	61.6367	61.6367
362	71.2139	71.2139	71.2139	61.6	61.6	61.6
363	71.1747	71.1747	71.1747	61.5664	61.5664	61.5664
364	71.1495	71.1495	71.1495	61.5345	61.5345	61.5345
365	71.132	71.132	71.132	61.5035	61.5035	61.5035
366	71.119	71.119	71.119	61.473	61.473	61.473
367	71.1083	71.1083	71.1083	61.4429	61.4429	61.4429
368	71.0989	71.0989	71.0989	61.4131	61.4131	61.4131
369	71.0903	71.0903	71.0903	61.3834	61.3834	61.3834
370	71.0822	71.0822	71.0822	61.3539	61.3539	61.3539
371	71.0742	71.0742	71.0742	61.3246	61.3246	61.3246
372	71.0664	71.0664	71.0664	61.2954	61.2954	61.2954
373	74.3791	89.6043	90.9633	61.3164	61.3164	61.3164
374	76.3009	89.2586	91.1899	61.3369	61.3369	61.3369
375	77.4483	87.9924	90.5986	61.357	61.357	61.357
376	78.1797	87.8669	91.2039	61.3769	61.3769	61.3769
377	78.664	87.5045	91.5689	61.3726	61.3726	61.3726
378	79.0024	87.1504	91.8975	61.3374	61.3374	61.3374
379	79.2574	86.7022	92.1303	61.2868	61.2868	61.2868
380	79.4857	86.3667	92.3663	61.2292	61.2292	61.2292
381	79.6997	86.0181	92.5881	61.1685	61.1685	61.1685

382	79.8738	85.5483	92.7655	61.1061	61.1061	61.1061
383	80.0218	85.0464	92.9165	61.0432	61.0432	61.0432
384	80.1815	84.9003	92.8387	60.9805	60.9805	60.9805
385	80.3522	84.8264	92.7293	60.9184	60.9184	60.9184
386	80.7023	85.2338	93.5953	60.8595	60.8595	60.8595
387	81.2103	85.8885	94.854	60.8046	60.8046	60.8046
388	81.4342	85.7361	94.5254	60.7482	60.7482	60.7482
389	81.3295	85.0387	93.3054	60.688	60.688	60.688
390	81.1414	84.4495	92.3723	60.6255	60.6255	60.6255
391	81.0679	84.262	92.1112	60.5632	60.5632	60.5632
392	81.0558	84.1411	91.92	60.5012	60.5012	60.5012
393	81.0964	84.1232	91.8648	60.4398	60.4398	60.4398
394	81.1761	84.1718	91.8939	60.3791	60.3791	60.3791
395	81.2768	84.2424	91.9455	60.3191	60.3191	60.3191
396	81.2364	83.9101	91.381	60.2576	60.2576	60.2576
397	81.0178	83.2398	90.3481	60.1934	60.1934	60.1934
398	80.6996	82.4897	89.2514	60.1266	60.1266	60.1266
399	80.3576	81.8017	88.2761	60.0579	60.0579	60.0579
400	80.1265	81.4964	87.8682	59.989	59.989	59.989
401	79.954	81.2519	87.524	59.9201	59.9201	59.9201
402	79.8116	81.0388	87.2132	59.8512	59.8512	59.8512
403	79.6715	80.8079	86.847	59.782	59.782	59.782
404	79.5163	80.5389	86.3998	59.7125	59.7125	59.7125
405	79.3505	80.2614	85.9477	59.6426	59.6426	59.6426
406	79.1764	79.978	85.4932	59.5723	59.5723	59.5723
407	79.0233	79.7544	85.1694	59.5022	59.5022	59.5022
408	78.9274	79.6517	85.0831	59.4327	59.4327	59.4327
409	78.863	79.5806	85.0282	59.364	59.364	59.364
410	78.8158	79.5269	84.9903	59.296	59.296	59.296
411	78.7784	79.4831	84.962	59.2287	59.2287	59.2287
412	78.7439	79.444	84.9266	59.162	59.162	59.162
413	78.711	79.4068	84.892	59.096	59.096	59.096
414	78.679	79.3706	84.8584	59.0306	59.0306	59.0306
415	78.6479	79.3352	84.8255	58.9659	58.9659	58.9659
416	78.6169	79.3003	84.7914	58.9018	58.9018	58.9018
417	78.5834	79.2646	84.7447	58.8383	58.8383	58.8383
418	78.5486	79.228	84.6985	58.7753	58.7753	58.7753
419	78.5134	79.1913	84.6537	58.7129	58.7129	58.7129
420	78.4783	79.1549	84.6107	58.6511	58.6511	58.6511
421	78.4434	79.119	84.5697	58.5899	58.5899	58.5899
422	78.4089	79.0838	84.5309	58.5292	58.5292	58.5292
423	78.3749	79.0493	84.4938	58.4691	58.4691	58.4691
424	78.3412	79.0152	84.4573	58.4095	58.4095	58.4095
425	78.3078	78.9813	84.4211	58.3505	58.3505	58.3505
426	78.2747	78.9478	84.3852	58.292	58.292	58.292
427	78.2417	78.9144	84.3496	58.2341	58.2341	58.2341
428	77.8476	78.3717	82.6541	58.172	58.172	58.172
429	77.5997	78.1238	82.4063	58.1104	58.1104	58.1104
430	77.4315	77.9556	82.238	58.0494	58.0494	58.0494
431	77.297	77.818	82.0687	57.9888	57.9888	57.9888
432	76.904	77.3431	80.6292	57.9251	57.9251	57.9251
433	76.3729	76.7667	79.157	57.8584	57.8584	57.8584
434	75.8165	76.2533	77.8199	57.7896	57.7896	57.7896
435	74.8959	74.9541	74.9874	57.7717	57.7717	58.02
436	74.8805	76.4022	76.6439	59.1245	59.1245	65.2969
437	74.8805	77.1711	76.5594	60.3635	60.3635	68.5061

438	74.8509	77.4308	76.5193	61.2408	61.2408	70.0258
439	74.7736	77.3693	76.442	61.7849	61.7849	70.6018
440	74.6711	77.283	76.3396	62.1614	62.1614	71.0099
441	74.5548	77.1766	76.2232	62.4499	62.4499	71.3179
442	74.4301	77.0519	76.0986	62.6885	62.6885	71.5565
443	74.3013	76.9231	75.9698	62.9009	62.9009	71.7689
444	74.1708	76.7926	75.8393	63.0994	63.0994	71.9674
445	74.0086	76.3818	75.6845	63.1467	63.1467	71.4727
446	73.8115	75.7729	75.5137	62.9997	62.9997	70.3563
447	74.9755	85.7892	77.3862	66.4849	66.4849	85.884
448	75.8195	88.019	78.3765	68.8893	68.8893	89.4346
449	76.2814	88.5653	78.7938	70.4166	70.4166	91.0093
450	76.5187	88.7759	78.9839	71.4652	71.4652	91.9944
451	76.587	88.4971	78.9958	72.169	72.169	92.3266
452	76.805	88.3441	80.3194	72.5672	72.5672	91.9581
453	77.0702	88.3375	81.4626	72.7674	72.7674	91.2981
454	77.4955	88.8885	83.0868	72.8454	72.8454	90.4866
455	78.2442	90.2053	85.7201	72.8482	72.8482	89.5932
456	78.4639	89.6554	85.3131	72.7891	72.7891	88.6261
457	78.5001	88.9651	85.3473	72.672	72.672	87.5577
458	78.6673	89.2204	85.8889	72.5119	72.5119	86.4396
459	78.9403	89.8474	86.5018	72.3116	72.3116	85.2642
460	79.0009	89.5365	86.4577	72.0617	72.0617	83.9996
461	79.151	89.4766	87.4717	71.7836	71.7836	82.7288
462	79.4075	89.9413	88.5448	71.4881	71.4881	81.475
463	79.6906	90.5004	89.5162	71.1588	71.1588	80.139
464	79.9433	90.9708	90.3734	70.7897	70.7897	78.7217
465	80.1765	91.3654	91.2699	70.398	70.398	77.3112
466	79.2774	86.0901	87.1737	68.9365	68.9365	70.384
467	78.5523	85.4015	86.6616	67.8348	67.8348	67.8348
468	78.2246	86.4326	87.5385	67.264	67.264	67.264
469	76.3015	76.3015	76.3015	66.9457	66.9457	66.9457
470	75.2292	75.2292	75.2292	66.769	66.769	66.769
471	74.6296	74.6296	74.6296	66.6654	66.6654	66.6654
472	74.2927	74.2927	74.2927	66.5997	66.5997	66.5997
473	74.1018	74.1018	74.1018	66.5535	66.5535	66.5535
474	73.992	73.992	73.992	66.5174	66.5174	66.5174
475	73.9272	73.9272	73.9272	66.4867	66.4867	66.4867
476	73.8875	73.8875	73.8875	66.4587	66.4587	66.4587
477	73.8617	73.8617	73.8617	66.4322	66.4322	66.4322
478	73.8437	73.8437	73.8437	66.4064	66.4064	66.4064
479	73.8299	73.8299	73.8299	66.3812	66.3812	66.3812
480	73.8185	73.8185	73.8185	66.3562	66.3562	66.3562
481	73.8085	73.8085	73.8085	66.3314	66.3314	66.3314
482	73.7992	73.7992	73.7992	66.3068	66.3068	66.3068
483	73.7903	73.7903	73.7903	66.2822	66.2822	66.2822
484	73.7816	73.7816	73.7816	66.2578	66.2578	66.2578
485	73.7731	73.7731	73.7731	66.2334	66.2334	66.2334
486	77.0816	91.9097	93.3689	66.2475	66.2475	66.2475
487	79.0007	91.5612	93.5928	66.2613	66.2613	66.2613
488	80.1485	90.5425	93.2768	66.2747	66.2747	66.2747
489	80.8799	90.417	93.882	66.2881	66.2881	66.2881
490	81.361	90.0842	94.2692	66.2649	66.2649	66.2649
491	81.6854	89.7056	94.5714	66.1947	66.1947	66.1947
492	81.9287	89.2741	94.8028	66.1016	66.1016	66.1016
493	82.1429	88.9281	95.0276	65.9977	65.9977	65.9977

494	82.3365	88.5476	95.2258	65.8889	65.8889	65.8889
495	82.4881	88.0488	95.3803	65.7781	65.7781	65.7781
496	82.6169	87.5412	95.5076	65.6666	65.6666	65.6666
497	82.7614	87.4389	95.3689	65.5557	65.5557	65.5557
498	82.9156	87.347	95.2438	65.4456	65.4456	65.4456
499	83.2878	87.8449	96.3119	65.339	65.339	65.339
500	83.8002	88.5031	97.5704	65.236	65.236	65.236
501	83.9288	88.132	96.8345	65.1314	65.1314	65.1314
502	83.7694	87.3954	95.5887	65.0244	65.0244	65.0244
503	83.5814	86.8749	94.7883	64.9168	64.9168	64.9168
504	83.5007	86.6845	94.527	64.8099	64.8099	64.8099
505	83.4779	86.5581	94.3337	64.7038	64.7038	64.7038
506	83.5059	86.5331	94.2748	64.5987	64.5987	64.5987
507	83.5706	86.5688	94.2924	64.4948	64.4948	64.4948
508	83.6549	86.6255	94.3317	64.3919	64.3919	64.3919
509	83.6653	86.4641	94.0354	64.2892	64.2892	64.2892
510	83.4956	85.8904	93.1375	64.1852	64.1852	64.1852
511	83.2243	85.2304	92.1655	64.0799	64.0799	64.0799
512	82.8933	84.5231	91.1562	63.9735	63.9735	63.9735
513	82.6036	84.0288	90.477	63.8668	63.8668	63.8668
514	82.3997	83.7607	90.1201	63.7607	63.7607	63.7607
515	82.241	83.5396	89.8127	63.6551	63.6551	63.6551
516	82.1056	83.3435	89.5326	63.55	63.55	63.55
517	81.9775	83.1486	89.242	63.4454	63.4454	63.4454
518	81.8334	82.9072	88.8482	63.3412	63.3412	63.3412
519	81.6787	82.657	88.4488	63.2372	63.2372	63.2372
520	81.5161	82.401	88.0464	63.1335	63.1335	63.1335
521	81.3473	82.1406	87.6427	63.0302	63.0302	63.0302
522	81.1945	81.9262	87.3398	62.9275	62.9275	62.9275
523	81.0909	81.8169	87.2442	62.8257	62.8257	62.8257
524	81.0142	81.7346	87.1754	62.725	62.725	62.725
525	80.9524	81.6673	87.1214	62.6252	62.6252	62.6252
526	80.8991	81.6086	87.0758	62.5265	62.5265	62.5265
527	80.8507	81.5549	87.0349	62.4287	62.4287	62.4287
528	80.8029	81.5035	86.9858	62.3318	62.3318	62.3318
529	80.7556	81.4527	86.9371	62.2359	62.2359	62.2359
530	80.6743	89.7267	82.82	66.8108	66.8108	84.4532
531	81.0652	93.2597	83.5202	70.2444	70.2444	90.7064
532	81.2255	93.0586	83.7531	72.1221	72.1221	92.1556
533	81.513	92.9665	85.3148	73.0823	73.0823	92.286
534	81.7768	92.9931	86.3271	73.5479	73.5479	91.8639
535	82.3075	93.881	88.4419	73.7488	73.7488	91.1653
536	82.9007	94.6657	90.2157	73.8001	73.8001	90.3121
537	83.0299	94.0263	89.7883	73.7536	73.7536	89.3499
538	83.0222	93.3008	89.9005	73.6318	73.6318	88.2682
539	83.2464	93.9777	90.6144	73.4622	73.4622	87.1414
540	83.4307	94.2392	90.9521	73.2431	73.2431	85.9318
541	83.4844	93.9655	91.1657	72.9784	72.9784	84.6584
542	83.6204	93.9158	92.1628	72.6842	72.6842	83.3735
543	83.8706	94.4881	93.2167	72.3749	72.3749	82.1154
544	84.112	94.9842	94.0893	72.0236	72.0236	80.7289
545	84.3267	95.3961	94.9291	71.639	71.639	79.3063
546	84.2351	94.2929	94.5029	70.9613	70.9613	76.4603
547	83.1286	88.8024	90.1927	69.3298	69.3298	69.3555
548	82.5607	89.7628	90.9828	68.4608	68.4608	68.4608
549	80.5201	80.5201	80.5201	67.9916	67.9916	67.9916

550	79.3821	79.3821	79.3821	67.7382	67.7382	67.7382
551	78.7455	78.7455	78.7455	67.5963	67.5963	67.5963
552	78.3876	78.3876	78.3876	67.512	67.512	67.512
553	78.1845	78.1845	78.1845	67.4575	67.4575	67.4575
554	78.0675	78.0675	78.0675	67.4184	67.4184	67.4184
555	77.9982	77.9982	77.9982	67.3873	67.3873	67.3873
556	77.9555	77.9555	77.9555	67.3603	67.3603	67.3603
557	77.9276	77.9276	77.9276	67.3356	67.3356	67.3356
558	77.9079	77.9079	77.9079	67.3119	67.3119	67.3119
559	77.8928	77.8928	77.8928	67.2889	67.2889	67.2889
560	77.8801	77.8801	77.8801	67.2663	67.2663	67.2663
561	77.8689	77.8689	77.8689	67.2439	67.2439	67.2439
562	77.8585	77.8585	77.8585	67.2216	67.2216	67.2216
563	77.8485	77.8485	77.8485	67.1994	67.1994	67.1994
564	77.8388	77.8388	77.8388	67.1774	67.1774	67.1774
565	77.8292	77.8292	77.8292	67.1553	67.1553	67.1553
566	81.1514	97.658	98.6936	67.1665	67.1665	67.1665
567	83.0781	97.3171	98.925	67.1773	67.1773	67.1773
568	84.2283	96.1411	98.3362	67.1879	67.1879	67.1879
569	84.9523	95.1237	98.0478	67.1983	67.1983	67.1983
570	85.4477	94.7623	98.417	67.2086	67.2086	67.2086
571	85.7897	94.3266	98.6877	67.1807	67.1807	67.1807
572	86.0261	93.8651	98.9081	67.1035	67.1035	67.1035
573	86.2123	93.4115	99.0884	67.0023	67.0023	67.0023
574	86.3816	93.0199	99.2676	66.8897	66.8897	66.8897
575	86.5284	92.5705	99.4185	66.7721	66.7721	66.7721
576	86.6412	92.0355	99.5359	66.6523	66.6523	66.6523
577	86.7421	91.5991	99.5575	66.532	66.532	66.532
578	86.859	91.4714	99.3944	66.4122	66.4122	66.4122
579	87.0305	91.4786	99.496	66.2938	66.2938	66.2938
580	87.4146	92.0101	100.635	66.1787	66.1787	66.1787
581	87.8652	92.5261	101.632	66.0663	66.0663	66.0663
582	87.8737	91.9433	100.528	65.9521	65.9521	65.9521
583	87.6502	91.1762	99.2814	65.8363	65.8363	65.8363
584	87.4603	90.7384	98.6418	65.7205	65.7205	65.7205
585	87.3671	90.5412	98.3775	65.6057	65.6057	65.6057
586	87.3261	90.4019	98.1747	65.4918	65.4918	65.4918
587	87.3326	90.3599	98.1018	65.3789	65.3789	65.3789
588	87.3731	90.3719	98.0959	65.2673	65.2673	65.2673
589	87.4317	90.4031	98.1098	65.1568	65.1568	65.1568
590	87.4218	90.2315	97.8116	65.0467	65.0467	65.0467
591	87.2231	89.6175	96.8643	64.9356	64.9356	64.9356
592	86.9067	88.8801	95.7888	64.8235	64.8235	64.8235
593	86.5108	88.0566	94.6221	64.7103	64.7103	64.7103
594	86.1961	87.5933	94.0027	64.5973	64.5973	64.5973
595	84.828	86.6238	88.0609	65.6811	65.6811	70.896
596	84.0233	86.0659	87.2262	66.4222	66.4222	72.3757
597	83.5294	85.792	86.7078	66.967	66.967	73.5087
598	83.2087	85.7013	86.3647	67.422	67.422	74.5467
599	82.992	85.7389	86.1536	67.84	67.84	75.5396
600	83.7983	85.0878	91.2465	66.2759	66.2759	66.2759
601	84.563	95.808	89.0238	70.3564	70.3564	88.7957
602	84.7339	93.7751	89.3773	71.8358	71.8358	87.6422
603	83.8003	86.6869	87.1596	70.4868	70.4868	78.1856
604	83.2237	86.0832	86.5793	69.8423	69.8423	77.4887
605	82.8038	85.3988	86.1226	69.4326	69.4326	76.5684

606	82.4762	84.8363	85.7885	69.1317	69.1317	75.7492
607	82.1991	84.3288	85.5079	68.8769	68.8769	74.9744
608	81.5128	82.4937	83.3525	67.9969	67.9969	70.8442
609	80.6097	80.746	80.9626	66.8635	66.8635	66.8635
610	80.6366	81.6035	83.2727	66.2292	66.2292	66.2292
611	80.616	81.5108	83.4654	65.8438	65.8438	65.8438
612	80.5448	81.4236	83.4735	65.5839	65.5839	65.5839
613	80.4862	81.3415	83.6256	65.3882	65.3882	65.3882
614	80.3951	81.2471	83.5902	65.2252	65.2252	65.2252
615	80.273	81.1251	83.4682	65.0791	65.0791	65.0791
616	80.1348	80.9868	83.33	64.942	64.942	64.942
617	79.9882	80.8403	83.1834	64.8101	64.8101	64.8101
618	79.8377	80.6897	83.0329	64.6814	64.6814	64.6814
619	79.6855	80.5375	82.8807	64.5548	64.5548	64.5548
620	79.5329	80.3849	82.7281	64.4299	64.4299	64.4299
621	79.3806	80.2327	82.5758	64.3063	64.3063	64.3063
622	79.229	80.081	82.4242	64.1839	64.1839	64.1839
623	79.032	79.8997	82.0553	64.0624	64.0624	64.0624
624	78.8456	79.7171	81.8361	63.9418	63.9418	63.9418
625	78.6649	79.5403	81.6227	63.8223	63.8223	63.8223
626	78.4874	79.3667	81.4125	63.7038	63.7038	63.7038
627	78.3131	79.1988	81.2065	63.5862	63.5862	63.5862
628	79.6139	81.2223	87.8382	63.4829	63.4829	63.4829
629	80.2206	81.6402	88.0809	63.3795	63.3795	63.3795
630	80.5057	81.8596	88.2093	63.2767	63.2767	63.2767
631	80.9642	92.1259	85.6832	67.9867	67.9867	86.0738
632	81.4831	92.137	87.67	70.0683	70.0683	86.4384
633	79.9572	80.9654	82.9104	67.0291	67.0291	67.0291
634	79.0608	80.069	82.014	65.4428	65.4428	65.4428
635	78.5181	79.5245	81.5169	64.587	64.587	64.587
636	78.176	79.1792	81.2484	64.0988	64.0988	64.0988
637	77.9466	78.9545	81.0979	63.796	63.796	63.796
638	77.9276	78.9791	81.6833	63.5881	63.5881	63.5881
639	77.9023	78.9691	81.7951	63.4281	63.4281	63.4281
640	77.8765	78.9636	81.9077	63.2928	63.2928	63.2928
641	77.8544	78.9853	82.0306	63.1706	63.1706	63.1706
642	77.8368	79.0117	82.1581	63.0556	63.0556	63.0556
643	77.7409	78.8707	81.9135	62.9443	62.9443	62.9443
644	77.668	78.8249	81.9298	62.8356	62.8356	62.8356
645	77.5912	78.7557	81.8781	62.7287	62.7287	62.7287
646	77.5058	78.6703	81.7927	62.6232	62.6232	62.6232
647	77.4161	78.5805	81.703	62.5188	62.5188	62.5188
648	77.3243	78.4888	81.6112	62.4155	62.4155	62.4155
649	77.2317	78.3962	81.5186	62.3132	62.3132	62.3132
650	77.139	78.3035	81.4259	62.2118	62.2118	62.2118
651	77.0465	78.211	81.3334	62.1113	62.1113	62.1113
652	76.9262	78.0605	81.1136	62.0116	62.0116	62.0116
653	76.7808	77.8757	80.8379	61.9124	61.9124	61.9124
654	76.5411	77.5827	80.1929	61.8131	61.8131	61.8131
655	76.3116	77.3414	79.7888	61.7144	61.7144	61.7144
656	76.0863	77.1047	79.3927	61.6161	61.6161	61.6161
657	75.8625	76.8697	79.0032	61.5182	61.5182	61.5182
658	75.6412	76.6482	78.6235	61.4209	61.4209	61.4209
659	77.3857	79.9572	87.2668	61.3409	61.3409	61.3409
660	78.1952	80.3861	87.4696	61.26	61.26	61.26
661	78.4483	80.2249	86.9757	61.1782	61.1782	61.1782

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662	78.428	79.8721	86.3464	61.0956	61.0956	61.0956
663	78.3783	79.7508	86.1262	61.0133	61.0133	61.0133
664	78.3113	79.6142	85.8932	60.9314	60.9314	60.9314
665	78.2333	79.4685	85.6539	60.85	60.85	60.85
666	78.1401	79.2951	85.3634	60.7688	60.7688	60.7688
667	78.0193	79.0657	84.9639	60.6878	60.6878	60.6878
668	77.8813	78.8212	84.5527	60.6069	60.6069	60.6069
669	77.7315	78.567	84.1353	60.5263	60.5263	60.5263
670	77.5732	78.3069	83.7157	60.4459	60.4459	60.4459
671	77.479	78.2062	83.6307	60.3662	60.3662	60.3662
672	77.4199	78.1406	83.5806	60.2874	60.2874	60.2874
673	77.38	78.0945	83.5496	60.2093	60.2093	60.2093
674	77.3508	78.0592	83.5291	60.132	60.132	60.132
675	77.3268	78.0297	83.5107	60.0555	60.0555	60.0555
676	77.3041	78.0029	83.4863	59.9797	59.9797	59.9797
677	77.7144	89.9405	80.1746	65.4831	65.4831	85.9789
678	77.8705	89.7447	80.2735	68.429	68.429	88.5482
679	78.1593	89.6604	81.8015	69.9443	69.9443	89.252
680	78.4474	89.6932	82.9063	70.7076	70.7076	89.1479
681	78.9296	90.3958	84.7413	71.072	71.072	88.622
682	79.6252	91.5099	87.0374	71.2199	71.2199	87.8727
683	79.8099	90.9227	86.5952	71.2366	71.2366	86.981
684	79.8357	90.2275	86.695	71.1603	71.1603	85.9481
685	80.0304	90.6534	87.3094	71.0242	71.0242	84.8543
686	80.2727	91.1411	87.8184	70.8367	70.8367	83.6857
687	80.3342	90.8485	87.8791	70.5979	70.5979	82.4346
688	80.4811	90.784	88.8903	70.3278	70.3278	81.171
689	80.7388	91.3054	89.958	70.0404	70.0404	79.9305
690	81.0089	91.8438	90.8941	69.7151	69.7151	78.5875
691	81.2498	92.2938	91.7476	69.3519	69.3519	77.18
692	81.3598	92.1095	92.1332	68.861	68.861	75.2238
693	80.3818	86.7474	87.9514	67.3476	67.3476	68.237
694	79.7204	86.7082	87.9525	66.3488	66.3488	66.3488
695	79.4281	87.7746	88.8648	65.8314	65.8314	65.8314
696	77.5221	77.5221	77.5221	65.548	65.548	65.548
697	76.4592	76.4592	76.4592	65.3929	65.3929	65.3929
698	75.8647	75.8647	75.8647	65.3041	65.3041	65.3041
699	75.5305	75.5305	75.5305	65.2496	65.2496	65.2496
700	75.3409	75.3409	75.3409	65.2127	65.2127	65.2127
701	75.2317	75.2317	75.2317	65.185	65.185	65.185
702	75.1672	75.1672	75.1672	65.1621	65.1621	65.1621
703	75.1274	75.1274	75.1274	65.1416	65.1416	65.1416
704	75.1014	75.1014	75.1014	65.1225	65.1225	65.1225
705	75.0832	75.0832	75.0832	65.104	65.104	65.104
706	75.0691	75.0691	75.0691	65.0859	65.0859	65.0859
707	75.0574	75.0574	75.0574	65.068	65.068	65.068
708	75.0471	75.0471	75.0471	65.0502	65.0502	65.0502
709	75.0375	75.0375	75.0375	65.0325	65.0325	65.0325
710	75.0283	75.0283	75.0283	65.0149	65.0149	65.0149
711	75.0193	75.0193	75.0193	64.9974	64.9974	64.9974
712	75.0104	75.0104	75.0104	64.9799	64.9799	64.9799
713	78.3165	92.9134	94.431	64.9885	64.9885	64.9885
714	80.2318	92.5608	94.6345	64.9969	64.9969	64.9969
715	81.381	91.6876	94.4964	65.0052	65.0052	65.0052
716	82.113	91.5627	95.1022	65.0134	65.0134	65.0134
717	82.5905	91.2375	95.4909	64.9885	64.9885	64.9885

718	82.9123	90.8672	95.8029	64.9209	64.9209	64.9209
719	83.1502	90.4382	96.0251	64.8326	64.8326	64.8326
720	83.3568	90.0818	96.2395	64.7344	64.7344	64.7344
721	83.5395	89.6843	96.4291	64.6319	64.6319	64.6319
722	83.6812	89.1756	96.5737	64.5275	64.5275	64.5275
723	83.803	88.6986	96.6627	64.4226	64.4226	64.4226
724	83.9408	88.5918	96.5204	64.3182	64.3182	64.3182
725	84.0971	88.5216	96.4425	64.2147	64.2147	64.2147
726	84.4808	89.0531	97.5826	64.1139	64.1139	64.1139
727	84.9978	89.7164	98.8482	64.0159	64.0159	64.0159
728	85.0642	89.197	97.8373	63.9165	63.9165	63.9165
729	84.8673	88.4266	96.5611	63.8158	63.8158	63.8158
730	84.6864	87.9721	95.8804	63.7152	63.7152	63.7152
731	84.6074	87.7897	95.6312	63.6153	63.6153	63.6153
732	84.5834	87.6681	95.4466	63.5163	63.5163	63.5163
733	84.6056	87.6359	95.3797	63.4182	63.4182	63.4182
734	84.6632	87.6663	95.393	63.3211	63.3211	63.3211
735	84.7399	87.7165	95.4265	63.2251	63.2251	63.2251
736	84.7965	87.6947	95.3458	63.1298	63.1298	63.1298
737	82.7717	83.7749	85.8459	63.0195	63.0195	63.0195
738	81.5994	82.6026	84.6736	62.9103	62.9103	62.9103
739	80.8898	81.893	83.964	62.802	62.802	62.802
740	80.4318	81.435	83.506	62.6947	62.6947	62.6947
741	80.1108	81.114	83.185	62.5883	62.5883	62.5883
742	79.8004	80.8138	82.6303	62.4825	62.4825	62.4825
743	79.5443	80.5665	82.321	62.3774	62.3774	62.3774
744	79.2996	80.3645	81.9327	62.2731	62.2731	62.2731
745	78.6961	79.2053	79.9259	62.1668	62.1668	62.1668
746	78.0362	78.25	78.4123	62.1955	62.1955	62.7833
747	79.874	82.1417	88.5638	62.0472	62.0472	62.0472
748	80.9984	83.1166	90.1416	61.93	61.93	61.93
749	81.3703	83.0009	89.6344	61.8266	61.8266	61.8266
750	81.4481	82.8514	89.2693	61.7304	61.7304	61.7304
751	81.4276	82.7428	89.039	61.6384	61.6384	61.6384
752	81.3502	82.5772	88.7513	61.5487	61.5487	61.5487
753	81.22	82.3259	88.3172	61.4601	61.4601	61.4601
754	81.0465	82.0121	87.7839	61.3721	61.3721	61.3721
755	80.8487	81.6805	87.2429	61.2846	61.2846	61.2846
756	80.6581	81.3899	86.8033	61.1975	61.1975	61.1975
757	80.5375	81.2614	86.6938	61.1113	61.1113	61.1113
758	80.455	81.1715	86.6219	61.026	61.026	61.026
759	80.3934	81.1028	86.5703	60.9416	60.9416	60.9416
760	80.3426	81.0457	86.5265	60.858	60.858	60.858
761	80.2956	80.9942	86.4777	60.7752	60.7752	60.7752
762	80.2509	80.9451	86.4313	60.6933	60.6933	60.6933
763	80.2077	80.8976	86.3863	60.6121	60.6121	60.6121
764	80.1655	80.8511	86.3424	60.5316	60.5316	60.5316
765	80.1222	80.8046	86.2907	60.452	60.452	60.452
766	80.0769	80.757	86.2313	60.373	60.373	60.373
767	80.0305	80.7085	86.1712	60.2948	60.2948	60.2948
768	79.9838	80.6595	86.1108	60.2174	60.2174	60.2174
769	79.9368	80.6104	86.0506	60.1406	60.1406	60.1406
770	78.6618	79.2849	80.2156	60.0556	60.0556	60.0556
771	77.8837	78.5068	79.4375	59.9714	59.9714	59.9714
772	77.3758	77.9989	78.9296	59.8879	59.8879	59.8879
773	77.0151	77.6382	78.5689	59.8051	59.8051	59.8051

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774	76.7362	77.3541	78.2976	59.723	59.723	59.723
775	76.501	77.1188	78.0624	59.6417	59.6417	59.6417
776	76.2886	76.9117	77.8424	59.561	59.561	59.561
777	76.091	76.7128	77.6466	59.481	59.481	59.481
778	75.9013	76.5238	77.4561	59.4018	59.4018	59.4018
779	75.7176	76.3372	77.2766	59.3232	59.3232	59.3232
780	76.4301	83.3174	78.3871	63.2381	63.2381	78.6376
781	77.6099	89.8019	80.1693	67.0204	67.0204	87.5603
782	78.2463	90.5299	80.7591	69.2426	69.2426	89.8353
783	78.5697	90.8211	81.034	70.6396	70.6396	91.1626
784	78.677	90.5793	81.0846	71.5192	71.5192	91.6684
785	78.9143	90.4468	82.4513	72.004	72.004	91.3802
786	79.1813	90.4444	83.5863	72.2477	72.2477	90.7632
787	79.6084	91.0132	85.2354	72.3467	72.3467	89.9731
788	80.3384	92.289	87.8041	72.3574	72.3574	89.0878
789	80.5406	91.7193	87.3795	72.3017	72.3017	88.1237
790	80.5627	91.0158	87.4118	72.1861	72.1861	87.0559
791	80.7216	91.286	87.9525	72.0257	72.0257	85.9376
792	80.9767	91.8775	88.5355	71.8235	71.8235	84.7594
793	81.0244	91.5566	88.4955	71.5725	71.5725	83.494
794	81.1611	91.4831	89.4961	71.2928	71.2928	82.2215
795	81.4049	91.9441	90.5555	70.9951	70.9951	80.9663
796	81.6731	92.4879	91.5085	70.6628	70.6628	79.6257
797	81.9112	92.9414	92.3523	70.2908	70.2908	78.2059
798	82.1134	93.2376	93.1605	69.8805	69.8805	76.7108
799	81.1883	87.9284	89.0316	68.4108	68.4108	69.7676
800	80.4636	87.3353	88.5928	67.327	67.327	67.327
801	80.1359	88.3664	89.4697	66.7656	66.7656	66.7656
802	78.2122	78.2122	78.2122	66.4614	66.4614	66.4614
803	77.1394	77.1394	77.1394	66.2964	66.2964	66.2964
804	76.5392	76.5392	76.5392	66.2033	66.2033	66.2033
805	76.2018	76.2018	76.2018	66.1474	66.1474	66.1474
806	76.0104	76.0104	76.0104	66.1106	66.1106	66.1106
807	75.9001	75.9001	75.9001	66.0838	66.0838	66.0838
808	75.8348	75.8348	75.8348	66.0622	66.0622	66.0622
809	75.7946	75.7946	75.7946	66.0432	66.0432	66.0432
810	75.7683	75.7683	75.7683	66.0256	66.0256	66.0256
811	75.7498	75.7498	75.7498	66.0087	66.0087	66.0087
812	75.7355	75.7355	75.7355	65.9922	65.9922	65.9922
813	75.7236	75.7236	75.7236	65.976	65.976	65.976
814	75.7131	75.7131	75.7131	65.9599	65.9599	65.9599
815	75.7033	75.7033	75.7033	65.9438	65.9438	65.9438
816	75.6939	75.6939	75.6939	65.9278	65.9278	65.9278
817	75.6847	75.6847	75.6847	65.9119	65.9119	65.9119
818	75.6757	75.6757	75.6757	65.896	65.896	65.896
819	78.9777	93.7677	95.1962	65.9028	65.9028	65.9028
820	80.8984	93.4214	95.4625	65.9095	65.9095	65.9095
821	82.0472	92.427	95.1733	65.9161	65.9161	65.9161
822	82.7788	92.3017	95.7788	65.9226	65.9226	65.9226
823	83.2548	91.9615	96.1567	65.8935	65.8935	65.8935
824	83.5719	91.5805	96.4577	65.8188	65.8188	65.8188
825	83.8052	91.1414	96.6795	65.7218	65.7218	65.7218
826	84.0071	90.7803	96.8892	65.6143	65.6143	65.6143
827	84.1882	90.3885	97.0775	65.5021	65.5021	65.5021
828	84.3269	89.8768	97.2191	65.388	65.388	65.388
829	84.4432	89.3635	97.3292	65.2734	65.2734	65.2734

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830	84.5751	89.247	97.1786	65.1593	65.1593	65.1593
831	84.7164	89.1438	97.04	65.046	65.046	65.046
832	85.0797	89.6395	98.1172	64.9353	64.9353	64.9353
833	85.5828	90.2889	99.3695	64.8271	64.8271	64.8271
834	85.6851	89.8687	98.5537	64.7183	64.7183	64.7183
835	85.5005	89.0976	97.2656	64.6085	64.6085	64.6085
836	85.305	88.5892	96.4966	64.4989	64.4989	64.4989
837	85.2134	88.3839	96.2179	64.3901	64.3901	64.3901
838	85.1777	88.2396	96.0035	64.2822	64.2822	64.2822
839	85.1987	88.2183	95.9553	64.1754	64.1754	64.1754
840	85.2544	88.2429	95.9604	64.0697	64.0697	64.0697
841	85.3288	88.2871	95.9857	63.9651	63.9651	63.9651
842	85.1976	87.7548	95.1321	63.8601	63.8601	63.8601
843	84.9112	87.0128	94.0245	63.7545	63.7545	63.7545
844	84.5334	86.1911	92.8465	63.6484	63.6484	63.6484
845	84.1941	85.6121	92.0505	63.5424	63.5424	63.5424
846	83.9493	85.2913	91.6245	63.4371	63.4371	63.4371
847	83.7544	85.0224	91.2533	63.3325	63.3325	63.3325
848	83.585	84.7812	90.9126	63.2284	63.2284	63.2284
849	83.4032	84.4852	90.4391	63.1249	63.1249	63.1249
850	83.2097	84.1757	89.9482	63.0219	63.0219	63.0219
851	83.0074	83.8598	89.4546	62.9194	62.9194	62.9194
852	82.7979	83.5391	88.9596	62.8173	62.8173	62.8173
853	82.6544	83.3815	88.8063	62.7162	62.7162	62.7162
854	82.5521	83.2722	88.7137	62.6161	62.6161	62.6161
855	82.4725	83.1858	88.6438	62.5169	62.5169	62.5169
856	82.4056	83.1123	88.5864	62.4188	62.4188	62.4188
857	82.3442	83.0456	88.5274	62.3215	62.3215	62.3215
858	82.285	82.9818	88.4664	62.2252	62.2252	62.2252
859	82.2272	82.9196	88.4068	62.1298	62.1298	62.1298
860	82.1704	82.8585	88.3483	62.0354	62.0354	62.0354
861	82.1145	82.7984	88.2907	61.9418	61.9418	61.9418
862	82.056	82.7375	88.2188	61.8491	61.8491	61.8491
863	81.9961	82.6754	88.145	61.7573	61.7573	61.7573
864	81.9356	82.6127	88.0708	61.6663	61.6663	61.6663
865	81.8749	82.5498	87.9966	61.5762	61.5762	61.5762
866	81.8142	82.487	87.9227	61.4869	61.4869	61.4869
867	80.5261	81.1492	82.0799	61.3905	61.3905	61.3905
868	79.7349	80.358	81.2887	61.2949	61.2949	61.2949
869	79.2138	79.8369	80.7676	61.2002	61.2002	61.2002
870	78.84	79.463	80.3938	61.1063	61.1063	61.1063
871	78.5466	79.1696	80.1004	61.0133	61.0133	61.0133
872	78.2975	78.9205	79.8513	60.9211	60.9211	60.9211
873	78.073	78.6961	79.6268	60.8297	60.8297	60.8297
874	77.8626	78.4857	79.4164	60.7391	60.7391	60.7391
875	77.6643	78.2734	79.2384	60.6493	60.6493	60.6493
876	79.0147	90.0482	81.4511	65.8536	65.8536	85.4416
877	79.9128	92.1334	82.4625	69.0635	69.0635	89.6242
878	80.3869	92.6783	82.8901	70.9849	70.9849	91.5771
879	80.6045	92.785	83.0573	72.1997	72.1997	92.6467
880	80.6778	92.5076	83.2167	72.965	72.965	92.9912
881	80.9156	92.3746	84.699	73.3715	73.3715	92.5873
882	81.155	92.3775	85.6859	73.5634	73.5634	91.9071
883	81.6533	93.1964	87.6963	73.6278	73.6278	91.0821
884	82.2651	94.0649	89.61	73.6104	73.6104	90.1655
885	82.4011	93.4338	89.1535	73.5306	73.5306	89.1754

886	82.3995	92.7145	89.2717	73.392	73.392	88.0771
887	82.6103	93.3068	89.9496	73.2123	73.2123	86.9401
888	82.8099	93.6377	90.3391	72.988	72.988	85.7284
889	82.863	93.3548	90.5003	72.7195	72.7195	84.4499
890	82.9973	93.2789	91.4986	72.4217	72.4217	83.1594
891	83.248	93.8491	92.5532	72.109	72.109	81.8977
892	83.4962	94.3564	93.4439	71.7558	71.7558	80.515
893	83.7168	94.778	94.2855	71.368	71.368	79.0871
894	83.6876	93.9683	94.1183	70.7412	70.7412	76.5184
895	82.6198	88.5165	89.8467	69.1422	69.1422	69.4461
896	82.0197	89.1528	90.3807	68.2275	68.2275	68.2275
897	81.7612	90.2531	91.3268	67.7532	67.7532	67.7532
898	79.8714	79.8714	79.8714	67.4951	67.4951	67.4951
899	78.8172	78.8172	78.8172	67.3545	67.3545	67.3545
900	78.2272	78.2272	78.2272	67.2745	67.2745	67.2745
901	77.8953	77.8953	77.8953	67.2258	67.2258	67.2258
902	77.7067	77.7067	77.7067	67.1932	67.1932	67.1932
903	77.5977	77.5977	77.5977	67.1691	67.1691	67.1691
904	77.533	77.533	77.533	67.1493	67.1493	67.1493
905	77.4929	77.4929	77.4929	67.1318	67.1318	67.1318
906	77.4665	77.4665	77.4665	67.1154	67.1154	67.1154
907	77.4477	77.4477	77.4477	67.0996	67.0996	67.0996
908	77.4331	77.4331	77.4331	67.0842	67.0842	67.0842
909	77.4208	77.4208	77.4208	67.0689	67.0689	67.0689
910	77.4098	77.4098	77.4098	67.0538	67.0538	67.0538
911	77.3996	77.3996	77.3996	67.0387	67.0387	67.0387
912	77.3898	77.3898	77.3898	67.0237	67.0237	67.0237
913	77.3802	77.3802	77.3802	67.0087	67.0087	67.0087
914	77.3707	77.3707	77.3707	66.9938	66.9938	66.9938
915	80.674	95.0283	96.6071	66.9992	66.9992	66.9992
916	82.5895	94.6486	96.8068	67.0044	67.0044	67.0044
917	83.7379	93.9528	96.8398	67.0096	67.0096	67.0096
918	84.4692	93.8273	97.4449	67.0147	67.0147	67.0147
919	84.9438	93.5212	97.8487	66.9816	66.9816	66.9816
920	85.2528	93.1272	98.1355	66.8995	66.8995	66.8995
921	85.4813	92.7143	98.3621	66.7934	66.7934	66.7934
922	85.6737	92.3386	98.5573	66.676	66.676	66.676
923	85.8375	91.9127	98.7274	66.5535	66.5535	66.5535
924	85.9613	91.3861	98.8541	66.429	66.429	66.429
925	86.0692	90.9387	98.899	66.3041	66.3041	66.3041
926	86.1922	90.8171	98.7419	66.1797	66.1797	66.1797
927	86.3548	90.7936	98.7729	66.0563	66.0563	66.0563
928	86.7291	91.3114	99.882	65.9354	65.9354	65.9354
929	87.2211	91.9395	101.078	65.817	65.817	65.817
930	87.2785	91.4381	100.102	65.6979	65.6979	65.6979
931	87.0953	90.7287	98.9286	65.5784	65.5784	65.5784
932	86.8854	90.2008	98.1284	65.4591	65.4591	65.4591
933	86.7881	90.0164	97.8877	65.3409	65.3409	65.3409
934	86.7526	89.9018	97.722	65.2236	65.2236	65.2236
935	86.7511	89.8292	97.6034	65.1075	65.1075	65.1075
936	86.7789	89.816	97.564	64.9924	64.9924	64.9924
937	86.8308	89.85	97.5868	64.8785	64.8785	64.8785
938	86.8957	89.8979	97.624	64.7658	64.7658	64.7658
939	86.9673	89.954	97.6704	64.6542	64.6542	64.6542
940	87.0422	90.0142	97.7214	64.5437	64.5437	64.5437
941	87.1188	90.0766	97.7748	64.4343	64.4343	64.4343

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942	87.1114	89.9096	97.4804	64.3255	64.3255	64.3255
943	85.8799	87.5101	91.703	64.2103	64.2103	64.2103
944	85.1727	86.8028	90.9958	64.0962	64.0962	64.0962
945	84.75	86.3801	90.5731	63.9832	63.9832	63.9832
946	84.4819	86.1121	90.305	63.8712	63.8712	63.8712
947	84.298	85.9282	90.1211	63.7603	63.7603	63.7603
948	84.1601	85.7902	89.9831	63.6504	63.6504	63.6504
949	84.0473	85.6774	89.8703	63.5415	63.5415	63.5415
950	83.9484	85.5785	89.7715	63.4337	63.4337	63.4337
951	83.8573	85.4875	89.6804	63.3269	63.3269	63.3269
952	83.7708	85.4009	89.5939	63.2211	63.2211	63.2211
953	83.6313	85.2014	89.2682	63.116	63.116	63.116
954	83.4673	84.9846	88.9424	63.0115	63.0115	63.0115
955	83.2251	84.6259	88.314	62.9074	62.9074	62.9074
956	82.9427	84.2367	87.6684	62.8037	62.8037	62.8037
957	82.6396	83.8323	87.0207	62.7003	62.7003	62.7003
958	82.4128	83.6007	86.7778	62.5979	62.5979	62.5979
959	82.1582	83.2674	86.2625	62.4959	62.4959	62.4959
960	81.887	82.9494	85.7407	62.3945	62.3945	62.3945
961	81.6056	82.6443	85.2147	62.2936	62.2936	62.2936
962	81.3171	82.3396	84.6835	62.1933	62.1933	62.1933
963	80.9593	81.9702	83.8485	62.0931	62.0931	62.0931
964	80.6545	81.6833	83.4087	61.9936	61.9936	61.9936
965	80.4102	81.439	83.1644	61.895	61.895	61.895
966	80.1992	81.2281	82.9534	61.7973	61.7973	61.7973
967	80.007	81.0359	82.7612	61.7004	61.7004	61.7004
968	79.8254	80.8543	82.5797	61.6045	61.6045	61.6045
969	79.6502	80.6791	82.4045	61.5094	61.5094	61.5094
970	79.4791	80.5079	82.2333	61.4152	61.4152	61.4152
971	79.3106	80.3394	82.0648	61.3218	61.3218	61.3218
972	79.1441	80.173	81.8983	61.2292	61.2292	61.2292
973	78.9793	80.0082	81.7335	61.1375	61.1375	61.1375
974	78.8159	79.8447	81.5701	61.0466	61.0466	61.0466
975	78.4855	79.3636	80.6063	60.9555	60.9555	60.9555
976	78.1015	78.7998	79.788	60.8646	60.8646	60.8646
977	77.6822	78.2007	78.9345	60.7738	60.7738	60.7738
978	77.2378	77.5765	78.0559	60.683	60.683	60.683
979	76.7738	76.9328	77.1577	60.5924	60.5924	60.5924
980	78.9969	81.4163	88.6832	60.5172	60.5172	60.5172
981	79.9938	81.9574	88.8583	60.4415	60.4415	60.4415
982	80.3206	81.8437	88.391	60.3651	60.3651	60.3651
983	80.4253	81.8203	88.2268	60.2891	60.2891	60.2891
984	80.4324	81.7532	88.0571	60.2134	60.2134	60.2134
985	80.3854	81.6347	87.8396	60.1382	60.1382	60.1382
986	80.3044	81.478	87.5755	60.0634	60.0634	60.0634
987	80.1813	81.2423	87.1635	59.9889	59.9889	59.9889
988	80.0336	80.9853	86.7354	59.9147	59.9147	59.9147
989	79.871	80.717	86.3016	59.8408	59.8408	59.8408
990	79.6994	80.4437	85.8692	59.7672	59.7672	59.7672
991	79.5838	80.3118	85.7345	59.6943	59.6943	59.6943
992	79.5061	80.2277	85.6657	59.6221	59.6221	59.6221
993	79.4494	80.1647	85.6178	59.5507	59.5507	59.5507
994	79.8208	91.9399	82.2636	65.0202	65.0202	85.4015
995	80.0291	91.7899	82.7995	67.9081	67.9081	87.7836
996	80.3424	91.7334	84.3511	69.3885	69.3885	88.4445
997	80.6069	91.7886	85.2645	70.1258	70.1258	88.2961

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998	81.2158	92.9008	87.6858	70.474	70.474	87.7517
999	81.7357	93.3854	88.957	70.6078	70.6078	86.9841
1000	81.8483	92.7393	88.6243	70.6113	70.6113	86.0667
1001	81.8343	92.0066	88.7296	70.5235	70.5235	85.0186
1002	82.1132	92.9451	89.5638	70.38	70.38	83.919
1003	82.2718	93.0246	89.7705	70.1799	70.1799	82.7197
1004	82.347	92.7953	90.1554	69.935	69.935	81.4684
1005	82.509	92.8516	91.1692	69.6614	69.6614	80.2116
1006	82.7782	93.4429	92.2421	69.3699	69.3699	78.9712
1007	83.0199	93.9267	93.0828	69.0314	69.0314	77.5815
1008	83.2379	94.3309	93.9375	68.6632	68.6632	76.1811
1009	82.987	92.4019	92.785	67.8502	67.8502	72.5466
1010	81.9773	87.9515	89.3109	66.3525	66.3525	66.3525
1011	81.4918	88.8932	90.0906	65.5776	65.5776	65.5776
1012	79.4939	79.4939	79.4939	65.1659	65.1659	65.1659
1013	78.3797	78.3797	78.3797	64.9469	64.9469	64.9469
1014	77.7565	77.7565	77.7565	64.8273	64.8273	64.8273
1015	77.4061	77.4061	77.4061	64.7592	64.7592	64.7592
1016	77.2073	77.2073	77.2073	64.7176	64.7176	64.7176
1017	77.0927	77.0927	77.0927	64.6896	64.6896	64.6896
1018	77.025	77.025	77.025	64.6688	64.6688	64.6688
1019	76.9833	76.9833	76.9833	64.6517	64.6517	64.6517
1020	76.956	76.956	76.956	64.6364	64.6364	64.6364
1021	76.9367	76.9367	76.9367	64.6222	64.6222	64.6222
1022	76.922	76.922	76.922	64.6084	64.6084	64.6084
1023	76.9097	76.9097	76.9097	64.595	64.595	64.595
1024	76.8987	76.8987	76.8987	64.5817	64.5817	64.5817
1025	76.8886	76.8886	76.8886	64.5685	64.5685	64.5685
1026	76.8789	76.8789	76.8789	64.5553	64.5553	64.5553
1027	76.8694	76.8694	76.8694	64.5422	64.5422	64.5422
1028	76.86	76.86	76.86	64.5291	64.5291	64.5291
1029	80.1796	96.3538	97.4732	64.5342	64.5342	64.5342
1030	82.1048	96.0114	97.7032	64.5392	64.5392	64.5392
1031	83.2534	94.7442	97.0459	64.5441	64.5441	64.5441
1032	83.9795	94.0251	97.0564	64.5488	64.5488	64.5488
1033	84.4774	93.6703	97.4333	64.5536	64.5536	64.5536
1034	84.8215	93.256	97.7171	64.5264	64.5264	64.5264
1035	85.0622	92.7989	97.9418	64.4583	64.4583	64.4583
1036	85.2564	92.373	98.1337	64.3702	64.3702	64.3702
1037	85.4327	91.9865	98.3178	64.2727	64.2727	64.2727
1038	85.5819	91.5286	98.4724	64.1709	64.1709	64.1709
1039	85.6983	90.9948	98.5918	64.0674	64.0674	64.0674
1040	85.8093	90.6305	98.5837	63.9636	63.9636	63.9636
1041	85.935	90.5115	98.4293	63.8602	63.8602	63.8602
1042	86.1475	90.6173	98.7241	63.758	63.758	63.758
1043	86.5584	91.1754	99.8889	63.6579	63.6579	63.6579
1044	86.943	91.5073	100.528	63.5592	63.5592	63.5592
1045	86.9044	90.8558	99.3361	63.4598	63.4598	63.4598
1046	86.6434	90.0292	98.0108	63.3598	63.3598	63.3598
1047	86.4967	89.7383	97.6182	63.2605	63.2605	63.2605
1048	86.4278	89.5593	97.3681	63.162	63.162	63.162
1049	86.4068	89.4478	97.1983	63.0644	63.0644	63.0644
1050	86.4356	89.4463	97.1777	62.9678	62.9678	62.9678
1051	86.4911	89.4734	97.1871	62.8721	62.8721	62.8721
1052	86.5606	89.5181	97.2161	62.7775	62.7775	62.7775
1053	86.4699	89.1155	96.5639	62.6829	62.6829	62.6829

1054	86.2672	88.576	95.7539	62.5883	62.5883	62.5883
1055	86.009	88.0091	94.9393	62.4937	62.4937	62.4937
1056	85.7253	87.4424	94.1455	62.3993	62.3993	62.3993
1057	85.4298	86.8848	93.3743	62.305	62.305	62.305
1058	85.2232	86.6259	93.043	62.2115	62.2115	62.2115
1059	85.0623	86.4119	92.7555	62.1186	62.1186	62.1186
1060	84.9221	86.2154	92.4813	62.0264	62.0264	62.0264
1061	84.7884	86.0221	92.2055	61.9349	61.9349	61.9349
1062	84.646	85.8034	91.8754	61.8439	61.8439	61.8439
1063	84.4748	85.5195	91.4151	61.7535	61.7535	61.7535
1064	82.9409	83.9334	84.4662	62.347	62.347	65.3351
1065	82.2622	83.7909	84.6116	63.014	63.014	67.6166
1066	81.8084	83.3371	84.1578	63.3669	63.3669	67.9695
1067	81.4773	83.006	83.8267	63.5618	63.5618	68.1644
1068	81.2133	82.742	83.5627	63.6771	63.6771	68.2797
1069	80.9021	82.2527	82.9777	63.6279	63.6279	67.694
1070	80.4665	81.438	81.9596	63.3478	63.3478	66.2727
1071	79.9544	80.5469	80.8649	62.9351	62.9351	64.7188
1072	79.6112	80.289	80.6529	62.7637	62.7637	64.8045
1073	79.232	79.7191	79.9806	62.5246	62.5246	63.9912
1074	78.7348	78.8311	78.8829	62.1038	62.1038	62.3939
1075	78.4264	78.6235	78.8437	61.781	61.781	61.781
1076	79.8432	80.7847	86.5188	61.5795	61.5795	61.5795
1077	80.5206	81.3524	86.9148	61.4346	61.4346	61.4346
1078	80.8014	81.5345	86.9447	61.3183	61.3183	61.3183
1079	80.9333	81.6595	87.0864	61.217	61.217	61.217
1080	80.9849	81.7042	87.1476	61.1237	61.1237	61.1237
1081	80.9933	81.7059	87.1656	61.0348	61.0348	61.0348
1082	80.9787	81.6847	87.1605	60.9485	60.9485	60.9485
1083	80.9499	81.6508	87.1329	60.8639	60.8639	60.8639
1084	80.9128	81.6092	87.094	60.7806	60.7806	60.7806
1085	80.8714	81.5634	87.0509	60.6983	60.6983	60.6983
1086	80.828	81.5157	87.0057	60.6169	60.6169	60.6169
1087	81.24	93.5399	83.7328	66.1444	66.1444	86.7361
1088	81.2027	91.9213	83.506	68.7614	68.7614	87.9159
1089	79.5527	80.0256	80.485	65.1931	65.1931	65.1931
1090	78.5583	79.0312	79.4906	63.3522	63.3522	63.3522
1091	77.9202	78.3931	78.8525	62.3794	62.3794	62.3794
1092	77.476	77.9489	78.4083	61.8433	61.8433	61.8433
1093	77.3847	78.1374	79.1655	61.5281	61.5281	61.5281
1094	77.2559	77.9933	79.059	61.3237	61.3237	61.3237
1095	77.1082	77.8326	78.9349	61.1755	61.1755	61.1755
1096	76.9511	77.6625	78.8015	61.0558	61.0558	61.0558
1097	76.7697	77.532	78.5387	60.9508	60.9508	60.9508
1098	76.5903	77.3526	78.3593	60.8537	60.8537	60.8537
1099	76.4157	77.1626	78.2038	60.7609	60.7609	60.7609
1100	76.9905	83.5375	78.9459	64.4333	64.4333	79.0682
1101	78.0793	89.8735	80.7376	68.1091	68.1091	88.0575
1102	78.8761	90.2951	82.7936	69.9813	69.9813	89.1097
1103	79.4126	90.6101	84.0207	70.9105	70.9105	89.149
1104	80.1404	91.7774	86.466	71.3483	71.3483	88.6857
1105	80.7779	92.4739	88.0369	71.5215	71.5215	87.9522
1106	80.9492	91.8804	87.7185	71.5405	71.5405	87.0497
1107	80.9698	91.1804	87.8594	71.4556	71.4556	86.0011
1108	81.2521	92.0512	88.6757	71.3079	71.3079	84.8925
1109	81.4339	92.2037	88.9395	71.1016	71.1016	83.6868

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1110	81.5149	91.9742	89.2857	70.8488	70.8488	82.4259
1111	81.6798	92.0077	90.3064	70.5659	70.5659	81.1555
1112	81.9528	92.6039	91.3828	70.2657	70.2657	79.9072
1113	82.2033	93.1001	92.2415	69.9199	69.9199	78.5147
1114	82.4287	93.515	93.1004	69.5432	69.5432	77.1042
1115	82.2321	91.8324	92.1656	68.7661	68.7661	73.694
1116	81.2075	87.0861	88.4563	67.2329	67.2329	67.2329
1117	80.7144	88.0584	89.2623	66.4396	66.4396	66.4396
1118	78.7134	78.7134	78.7134	66.0192	66.0192	66.0192
1119	77.5975	77.5975	77.5975	65.7961	65.7961	65.7961
1120	76.9734	76.9734	76.9734	65.6748	65.6748	65.6748
1121	76.6227	76.6227	76.6227	65.6061	65.6061	65.6061
1122	76.4238	76.4238	76.4238	65.5646	65.5646	65.5646
1123	76.3092	76.3092	76.3092	65.5371	65.5371	65.5371
1124	76.2416	76.2416	76.2416	65.5168	65.5168	65.5168
1125	76.2	76.2	76.2	65.5003	65.5003	65.5003
1126	76.1729	76.1729	76.1729	65.4858	65.4858	65.4858
1127	76.1539	76.1539	76.1539	65.4722	65.4722	65.4722
1128	76.1393	76.1393	76.1393	65.4592	65.4592	65.4592
1129	76.1272	76.1272	76.1272	65.4465	65.4465	65.4465
1130	76.1165	76.1165	76.1165	65.4339	65.4339	65.4339
1131	76.1065	76.1065	76.1065	65.4215	65.4215	65.4215
1132	76.097	76.097	76.097	65.409	65.409	65.409
1133	76.0877	76.0877	76.0877	65.3966	65.3966	65.3966
1134	76.0786	76.0786	76.0786	65.3843	65.3843	65.3843
1135	79.3992	95.6692	96.7645	65.3884	65.3884	65.3884
1136	81.3251	95.3276	96.9952	65.3924	65.3924	65.3924
1137	82.4745	94.087	96.3579	65.3963	65.3963	65.3963
1138	83.2002	93.2821	96.2825	65.4001	65.4001	65.4001
1139	83.6967	92.9219	96.6529	65.4039	65.4039	65.4039
1140	84.0445	92.5137	96.9469	65.3735	65.3735	65.3735
1141	84.2881	92.0543	97.1683	65.2993	65.2993	65.2993
1142	84.4856	91.6261	97.3626	65.2036	65.2036	65.2036
1143	84.6663	91.2439	97.5511	65.0978	65.0978	65.0978
1144	84.8218	90.796	97.7122	64.9874	64.9874	64.9874
1145	84.9442	90.2682	97.8375	64.8752	64.8752	64.8752
1146	85.0596	89.8911	97.8458	64.7627	64.7627	64.7627
1147	85.19	89.7772	97.6965	64.6506	64.6506	64.6506
1148	85.3967	89.8595	97.9375	64.5397	64.5397	64.5397
1149	85.805	90.4141	99.0952	64.4308	64.4308	64.4308
1150	86.2235	90.8278	99.884	64.3236	64.3236	64.3236
1151	86.2092	90.2049	98.7243	64.2158	64.2158	64.2158
1152	85.968	89.404	97.4299	64.1077	64.1077	64.1077
1153	85.8128	89.0678	96.9563	64.0002	64.0002	64.0002
1154	85.7428	88.8917	96.7118	63.8937	63.8937	63.8937
1155	85.7187	88.7674	96.5227	63.7881	63.7881	63.7881
1156	85.7475	88.7658	96.502	63.6836	63.6836	63.6836
1157	85.8052	88.7954	96.514	63.5802	63.5802	63.5802
1158	85.8783	88.8418	96.5436	63.4778	63.4778	63.4778
1159	85.8186	88.5131	96.0006	63.3757	63.3757	63.3757
1160	85.6019	87.8947	95.0599	63.2736	63.2736	63.2736
1161	85.2956	87.2007	94.0546	63.1715	63.1715	63.1715
1162	84.9358	86.465	93.0173	63.0694	63.0694	63.0694
1163	84.6605	86.0666	92.4885	62.9679	62.9679	62.9679
1164	84.4555	85.7958	92.1266	62.8672	62.8672	62.8672
1165	84.2868	85.5621	91.8031	62.7672	62.7672	62.7672

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1166	84.1346	85.3441	91.4941	62.668	62.668	62.668
1167	83.9713	85.0841	91.0862	62.5694	62.5694	62.5694
1168	83.7911	84.7939	90.6239	62.4713	62.4713	62.4713
1169	83.599	84.4934	90.1537	62.3739	62.3739	62.3739
1170	83.3982	84.1863	89.6804	62.277	62.277	62.277
1171	83.2256	83.9561	89.3726	62.1809	62.1809	62.1809
1172	83.1053	83.8292	89.2617	62.0858	62.0858	62.0858
1173	83.014	83.7311	89.1798	61.9915	61.9915	61.9915
1174	82.9387	83.6493	89.114	61.8982	61.8982	61.8982
1175	82.8727	83.5767	89.0569	61.8057	61.8057	61.8057
1176	82.8091	83.5087	88.9916	61.7142	61.7142	61.7142
1177	82.7472	83.4423	88.9279	61.6235	61.6235	61.6235
1178	82.6865	83.377	88.8654	61.5337	61.5337	61.5337
1179	82.6271	83.3127	88.804	61.4447	61.4447	61.4447
1180	82.566	83.2479	88.7312	61.3566	61.3566	61.3566
1181	82.5026	83.1815	88.6494	61.2693	61.2693	61.2693
1182	82.4379	83.1137	88.5654	61.1828	61.1828	61.1828
1183	81.4203	81.8136	84.1314	61.0926	61.0926	61.0926
1184	80.7673	83.3561	82.4356	63.1255	63.1255	71.9288
1185	80.3329	82.9217	82.0013	64.2318	64.2318	73.0351
1186	80.0177	82.6065	81.686	64.8718	64.8718	73.6751
1187	79.7676	82.3564	81.436	65.2768	65.2768	74.0801
1188	79.5535	82.1423	81.2219	65.5629	65.5629	74.3662
1189	79.3595	81.9483	81.0279	65.7884	65.7884	74.5917
1190	79.1769	81.7657	80.8452	65.9827	65.9827	74.786
1191	79.001	81.5898	80.6694	66.1606	66.1606	74.9639
1192	78.8294	81.4182	80.4978	66.3294	66.3294	75.1327
1193	78.6606	81.2494	80.329	66.4929	66.4929	75.2963
1194	78.4939	81.0827	80.1623	66.653	66.653	75.4563
1195	78.3289	80.9176	79.9972	66.8106	66.8106	75.6139
1196	78.1653	80.7541	79.8336	66.9662	66.9662	75.7695
1197	78.003	80.5918	79.6713	67.12	67.12	75.9233
1198	77.8419	80.4307	79.5103	67.2723	67.2723	76.0756
1199	77.6834	80.2819	79.3518	67.4281	67.4281	76.2505
1200	77.5255	80.1243	79.1939	67.5803	67.5803	76.4032
1201	77.3683	79.9657	79.0367	67.7291	67.7291	76.5493
1202	77.2062	79.7563	78.8758	67.8494	67.8494	76.5681
1203	77.0466	79.5884	78.7164	67.9749	67.9749	76.6753
1204	76.8898	79.4324	78.5596	68.1075	68.1075	76.8097
1205	76.739	79.313	78.4077	68.2608	68.2608	77.0326
1206	76.5921	79.1963	78.2605	68.4231	68.4231	77.2567
1207	76.4451	79.0571	78.1135	68.5779	68.5779	77.4266
1208	76.2934	78.8733	77.9619	68.7073	68.7073	77.4921
1209	76.1372	78.6653	77.8075	68.809	68.809	77.4789
1210	75.9785	78.4529	77.6507	68.8933	68.8933	77.4441
1211	75.8185	78.2392	77.4927	68.9662	68.9662	77.3979
1212	75.6579	78.025	77.334	69.0309	69.0309	77.3435
1213	75.4972	77.8106	77.1752	69.089	69.089	77.2825
1214	75.339	77.619	77.0182	69.1532	69.1532	77.2725
1215	75.1866	77.4666	76.8658	69.2381	69.2381	77.3575
1216	75.0378	77.3178	76.717	69.333	69.333	77.4524
1217	74.8914	77.1715	76.5706	69.4324	69.4324	77.5517
1218	74.7468	77.0269	76.426	69.5335	69.5335	77.6529
1219	74.6037	76.8837	76.2829	69.635	69.635	77.7544
1220	74.4618	76.7419	76.141	69.7362	69.7362	77.8556
1221	74.3211	76.6011	76.0003	69.8368	69.8368	77.9561

1222	74.1814	76.4614	75.8606	69.9365	69.9365	78.0558
1223	74.0428	76.3228	75.722	70.0353	70.0353	78.1546
1224	73.9051	76.1852	75.5844	70.1332	70.1332	78.2525
1225	73.7685	76.0486	75.4478	70.2301	70.2301	78.3494
1226	73.6329	75.913	75.3121	70.3261	70.3261	78.4454
1227	73.4983	75.7783	75.1775	70.4212	70.4212	78.5405
1228	73.3646	75.6446	75.0438	70.5153	70.5153	78.6346
1229	73.2319	75.5119	74.9111	70.6085	70.6085	78.7278
1230	74.609	86.7131	77.1984	74.3336	74.3336	94.8094
1231	75.3708	87.5807	77.9242	76.4982	76.4982	97.0512
1232	75.7908	88.0744	78.3036	77.8659	77.8659	98.4586
1233	76.0159	88.3135	78.4877	78.812	78.812	99.3844
1234	76.0901	88.0859	78.5128	79.4454	79.4454	99.6948
1235	76.2178	87.9011	79.2485	79.8438	79.8438	99.5497
1236	76.4667	87.844	80.5177	80.0599	80.0599	99.0582
1237	76.6983	87.8958	81.3064	80.1551	80.1551	98.3936
1238	77.1855	88.7122	83.1794	80.1754	80.1754	97.65
1239	76.1861	80.3533	80.0235	77.9433	77.9433	86.9976
1240	75.3447	78.1205	78.6614	76.3375	76.3375	83.3783
1241	74.8511	77.627	78.1679	75.539	75.539	82.5798
1242	74.5465	77.3224	77.8633	75.146	75.146	82.1868
1243	74.3446	77.1205	77.6614	74.9565	74.9565	81.9973
1244	74.1988	76.9747	77.5155	74.8692	74.8692	81.91
1245	73.9915	76.2907	77.2486	74.6081	74.6081	80.7639
1246	73.8341	76.0977	77.0954	74.4499	74.4499	80.5219
1247	73.7038	75.9318	76.9693	74.3423	74.3423	80.3304
1248	73.5882	75.7807	76.858	74.2588	74.2588	80.163
1249	73.4862	75.69	76.7546	74.2137	74.2137	80.1446
1250	73.4092	75.7489	76.6702	74.2574	74.2574	80.4908
1251	73.3285	75.6681	76.5894	74.2747	74.2747	80.5081
1252	73.246	75.5856	76.5069	74.2789	74.2789	80.5123
1253	73.1628	75.5025	76.4238	74.2764	74.2764	80.5098
1254	73.0795	75.4192	76.3405	74.2707	74.2707	80.5041
1255	72.9965	75.3362	76.2575	74.2634	74.2634	80.4968
1256	72.9139	75.2535	76.1748	74.2553	74.2553	80.4886
1257	72.8317	75.1714	76.0927	74.2468	74.2468	80.4802
1258	72.7501	75.0898	76.0111	74.2381	74.2381	80.4715
1259	72.669	75.0087	75.93	74.2295	74.2295	80.4628
1260	72.5885	74.9282	75.8495	74.2208	74.2208	80.4541
1261	72.4995	74.7841	75.7583	74.1839	74.1839	80.3054
1262	72.3967	74.5287	75.6737	74.0699	74.0699	79.8315
1263	72.2859	74.2653	75.581	73.9118	73.9118	79.3134
1264	72.0515	73.6944	74.9409	73.606	73.606	78.1216
1265	71.5233	72.4894	73.2225	72.9911	72.9911	75.6465
1266	70.817	71.1063	71.3258	72.1942	72.1942	72.9894
1267	73.1698	84.7824	80.271	75.9219	75.9219	92.6306
1268	74.4841	85.9807	81.5812	77.8179	77.8179	94.014
1269	75.0731	85.8207	81.8731	78.6566	78.6566	93.9202
1270	75.4079	85.6997	82.4149	78.9386	78.9386	93.2297
1271	75.9124	86.9076	83.4971	78.9268	78.9268	92.2379
1272	76.1136	86.7673	83.572	78.7355	78.7355	91.0101
1273	76.289	86.6814	84.335	78.4478	78.4478	89.7086
1274	76.5469	86.9824	85.4389	78.1069	78.1069	88.3835
1275	76.8684	87.6084	86.5223	77.7266	77.7266	87.0182
1276	77.1524	88.1323	87.3959	77.2925	77.2925	85.5149
1277	77.4115	88.556	88.3224	76.8334	76.8334	84.0271

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1278	76.8356	84.8188	85.5873	75.5892	75.5892	78.4982
1279	76.0068	82.5007	83.8011	74.2564	74.2564	74.2564
1280	75.6216	83.4766	84.6225	73.5657	73.5657	73.5657
1281	73.6727	73.6727	73.6727	73.1986	73.1986	73.1986
1282	72.5863	72.5863	72.5863	73.0026	73.0026	73.0026
1283	71.9793	71.9793	71.9793	72.895	72.895	72.895
1284	71.6385	71.6385	71.6385	72.8331	72.8331	72.8331
1285	71.4458	71.4458	71.4458	72.7948	72.7948	72.7948
1286	71.3353	71.3353	71.3353	72.7686	72.7686	72.7686
1287	71.2704	71.2704	71.2704	72.7487	72.7487	72.7487
1288	71.231	71.231	71.231	72.7321	72.7321	72.7321
1289	71.2057	71.2057	71.2057	72.7171	72.7171	72.7171
1290	71.1882	71.1882	71.1882	72.7031	72.7031	72.7031
1291	71.175	71.175	71.175	72.6895	72.6895	72.6895
1292	71.1643	71.1643	71.1643	72.6761	72.6761	72.6761
1293	71.155	71.155	71.155	72.6629	72.6629	72.6629
1294	71.1464	71.1464	71.1464	72.6498	72.6498	72.6498
1295	71.1382	71.1382	71.1382	72.6366	72.6366	72.6366
1296	71.1302	71.1302	71.1302	72.6236	72.6236	72.6236
1297	71.1224	71.1224	71.1224	72.6105	72.6105	72.6105
1298	74.4368	89.8612	91.1699	72.6118	72.6118	72.6118
1299	76.3564	89.5301	91.3823	72.6131	72.6131	72.6131
1300	77.5046	88.1376	90.668	72.6142	72.6142	72.6142
1301	78.2366	88.0221	91.2752	72.6153	72.6153	72.6153
1302	78.7387	87.6812	91.6585	72.6164	72.6164	72.6164
1303	79.096	87.3323	91.987	72.5643	72.5643	72.5643
1304	79.3626	86.9069	92.2378	72.4441	72.4441	72.4441
1305	79.5954	86.5641	92.4785	72.2905	72.2905	72.2905
1306	79.8102	86.2154	92.6974	72.1211	72.1211	72.1211
1307	79.9897	85.7674	92.881	71.9446	71.9446	71.9446
1308	80.1406	85.269	93.0348	71.7653	71.7653	71.7653
1309	80.2964	85.0543	92.9983	71.5856	71.5856	71.5856
1310	80.4645	84.9778	92.8864	71.4066	71.4066	71.4066
1311	80.7767	85.2847	93.549	71.2294	71.2294	71.2294
1312	81.2621	85.9169	94.7863	71.0546	71.0546	71.0546
1313	81.5611	85.9622	94.8391	70.8812	70.8812	70.8812
1314	81.4956	85.2963	93.6438	70.7081	70.7081	70.7081
1315	81.2881	84.6174	92.5538	70.5356	70.5356	70.5356
1316	81.2053	84.4254	92.2914	70.3647	70.3647	70.3647
1317	81.1903	84.3103	92.1116	70.1952	70.1952	70.1952
1318	81.2184	84.2598	92.0105	70.0274	70.0274	70.0274
1319	81.2902	84.3048	92.0388	69.8612	69.8612	69.8612
1320	81.3852	84.3752	92.0937	69.6966	69.6966	69.6966
1321	81.4923	84.4598	92.1642	69.5337	69.5337	69.5337
1322	81.5523	84.4086	92.0261	69.3721	69.3721	69.3721
1323	81.4826	84.0557	91.4459	69.2114	69.2114	69.2114
1324	81.3485	83.6656	90.8503	69.0517	69.0517	69.0517
1325	81.1866	83.2753	90.2767	68.8931	68.8931	68.8931
1326	81.014	82.8955	89.7305	68.7355	68.7355	68.7355
1327	80.8278	82.499	89.1652	68.5789	68.5789	68.5789
1328	80.6292	82.0925	88.5918	68.4234	68.4234	68.4234
1329	80.5013	81.9257	88.3729	68.2692	68.2692	68.2692
1330	80.4113	81.7992	88.196	68.1164	68.1164	68.1164
1331	80.3384	81.687	88.0293	67.965	67.965	67.965
1332	80.2708	81.5768	87.8602	67.8148	67.8148	67.8148
1333	80.2026	81.4636	87.6847	67.666	67.666	67.666

1334	80.1313	81.3457	87.5024	67.5184	67.5184	67.5184
1335	80.045	81.1934	87.2513	67.372	67.372	67.372
1336	79.9352	80.9956	86.9158	67.2268	67.2268	67.2268
1337	79.8058	80.7728	86.5468	67.0828	67.0828	67.0828
1338	79.6581	80.5248	86.1417	66.9398	66.9398	66.9398
1339	79.4959	80.2606	85.7181	66.7978	66.7978	66.7978
1340	79.3724	80.1016	85.5212	66.6572	66.6572	66.6572
1341	79.2911	80.014	85.449	66.5179	66.5179	66.5179
1342	79.2331	79.9496	85.3998	66.3799	66.3799	66.3799
1343	79.1879	79.8983	85.3633	66.2433	66.2433	66.2433
1344	79.15	79.8544	85.3339	66.1079	66.1079	66.1079
1345	79.1138	79.8141	85.2965	65.9739	65.9739	65.9739
1346	79.0785	79.7748	85.2597	65.8411	65.8411	65.8411
1347	79.044	79.7364	85.2236	65.7096	65.7096	65.7096
1348	79.01	79.6986	85.1881	65.5794	65.5794	65.5794
1349	78.9766	79.6613	85.1532	65.4503	65.4503	65.4503
1350	78.9414	79.6235	85.1082	65.3225	65.3225	65.3225
1351	78.9044	79.5846	85.0585	65.1959	65.1959	65.1959
1352	78.8665	79.5445	85.0071	65.0705	65.0705	65.0705
1353	78.828	79.5036	84.954	64.9463	64.9463	64.9463
1354	78.789	79.4621	84.8993	64.8232	64.8232	64.8232
1355	77.67	79.2881	79.4173	66.2104	66.2104	72.6542
1356	77.0247	79.0156	78.7242	67.1883	67.1883	74.6179
1357	76.6511	79.0586	78.3258	67.9774	67.9774	76.3796
1358	76.4001	78.9749	78.0688	68.5316	68.5316	77.3052
1359	76.1831	78.6496	77.8556	68.8123	68.8123	77.3455
1360	75.9491	78.0104	77.6424	68.7716	68.7716	76.3755
1361	75.7147	77.4054	77.4498	68.5531	68.5531	75.2013
1362	75.491	76.848	77.2975	68.2213	68.2213	73.8649
1363	75.0864	75.8692	76.3174	67.5269	67.5269	70.8686
1364	74.6588	75.0198	75.5335	66.387	66.387	66.387
1365	74.5784	75.0995	76.3026	65.7496	65.7496	65.7496
1366	76.1488	88.2883	78.7261	70.9483	70.9483	91.45
1367	77.0069	89.2745	79.5395	73.8674	73.8674	94.4612
1368	77.4642	89.7696	79.9501	75.6099	75.6099	96.2013
1369	77.6623	89.7153	80.0943	76.6688	76.6688	96.9794
1370	77.8323	89.5292	80.8171	77.2827	77.2827	97.0186
1371	78.1124	89.4714	82.2203	77.5848	77.5848	96.5056
1372	77.0471	80.2462	80.2149	74.9698	74.9698	83.5931
1373	76.0245	77.0018	78.4703	71.6275	71.6275	71.6275
1374	75.4233	76.4173	77.9413	69.8694	69.8694	69.8694
1375	75.0353	76.0189	77.567	68.9079	68.9079	68.9079
1376	74.7635	75.7366	77.309	68.3472	68.3472	68.3472
1377	74.5989	75.4343	77.3818	67.9889	67.9889	67.9889
1378	74.4595	75.2815	77.2853	67.7328	67.7328	67.7328
1379	74.3354	75.1458	77.2044	67.5288	67.5288	67.5288
1380	74.2172	75.0196	77.1162	67.3517	67.3517	67.3517
1381	74.1023	74.8975	77.0281	67.1888	67.1888	67.1888
1382	73.9549	74.781	76.7654	67.0336	67.0336	67.0336
1383	73.8172	74.6432	76.6277	66.8829	66.8829	66.8829
1384	73.6851	74.5112	76.4956	66.7353	66.7353	66.7353
1385	73.5565	74.3826	76.367	66.5899	66.5899	66.5899
1386	73.4303	74.2563	76.2408	66.4461	66.4461	66.4461
1387	73.2997	74.1343	76.0845	66.3039	66.3039	66.3039
1388	73.1991	74.0031	76.0918	66.1633	66.1633	66.1633
1389	73.0903	73.8943	75.983	66.0239	66.0239	66.0239

00011412

1390	72.9774	73.7815	75.8702	65.8859	65.8859	65.8859
1391	72.9013	73.6758	75.951	65.7493	65.7493	65.7493
1392	72.8088	73.5835	75.8575	65.614	65.614	65.614
1393	74.0956	84.223	78.4827	70.043	70.043	87.3213
1394	75.3378	86.8773	81.37	72.5404	72.5404	89.9992
1395	76.3686	88.1542	83.7003	73.7285	73.7285	90.2647
1396	76.7506	87.7591	83.507	74.2416	74.2416	89.8542
1397	76.8987	87.1826	83.776	74.3889	74.3889	89.0324
1398	77.2262	87.9576	84.5942	74.3414	74.3414	88.0205
1399	77.485	88.2912	85.0054	74.1716	74.1716	86.8544
1400	77.5999	88.0789	85.2896	73.9207	73.9207	85.591
1401	77.7893	88.0886	86.3415	73.6225	73.6225	84.3002
1402	78.0878	88.7096	87.4446	73.2998	73.2998	83.0275
1403	78.3729	89.2483	88.3582	72.9303	72.9303	81.6213
1404	78.63	89.7016	89.2415	72.5259	72.5259	80.1794
1405	78.5649	88.5633	88.7893	71.8152	71.8152	77.24
1406	77.5199	83.1931	84.5866	70.1978	70.1978	70.1978
1407	77.0172	84.2377	85.4557	69.3606	69.3606	69.3606
1408	75.0132	75.0132	75.0132	68.9192	68.9192	68.9192
1409	73.8962	73.8962	73.8962	68.6858	68.6858	68.6858
1410	73.2719	73.2719	73.2719	68.5598	68.5598	68.5598
1411	72.9215	72.9215	72.9215	68.4892	68.4892	68.4892
1412	72.7232	72.7232	72.7232	68.4473	68.4473	68.4473
1413	72.6094	72.6094	72.6094	68.4202	68.4202	68.4202
1414	72.5426	72.5426	72.5426	68.4007	68.4007	68.4007
1415	72.502	72.502	72.502	68.3852	68.3852	68.3852
1416	72.4758	72.4758	72.4758	68.3717	68.3717	68.3717
1417	72.4577	72.4577	72.4577	68.3593	68.3593	68.3593
1418	72.4441	72.4441	72.4441	68.3474	68.3474	68.3474
1419	72.4329	72.4329	72.4329	68.3358	68.3358	68.3358
1420	72.4232	72.4232	72.4232	68.3244	68.3244	68.3244
1421	72.4142	72.4142	72.4142	68.3131	68.3131	68.3131
1422	72.4057	72.4057	72.4057	68.3018	68.3018	68.3018
1423	72.3974	72.3974	72.3974	68.2905	68.2905	68.2905
1424	72.3892	72.3892	72.3892	68.2793	68.2793	68.2793
1425	75.7126	92.1885	93.2318	68.2812	68.2812	68.2812
1426	77.6406	91.8489	93.4646	68.283	68.283	68.283
1427	78.792	90.6659	92.8708	68.2848	68.2848	68.2848
1428	79.5177	89.6774	92.6114	68.2864	68.2864	68.2864
1429	80.0146	89.3175	92.9822	68.2881	68.2881	68.2881
1430	80.3676	88.8949	93.2653	68.2476	68.2476	68.2476
1431	80.6278	88.4573	93.5095	68.1531	68.1531	68.1531
1432	80.8462	88.0428	93.7274	68.0322	68.0322	68.0322
1433	81.0487	87.6773	93.9327	67.8987	67.8987	67.8987
1434	81.2309	87.2642	94.121	67.7596	67.7596	67.7596
1435	81.3796	86.7626	94.2727	67.6184	67.6184	67.6184
1436	81.5182	86.3719	94.3298	67.4767	67.4767	67.4767
1437	81.6726	86.2817	94.2042	67.3356	67.3356	67.3356
1438	81.8845	86.3345	94.3602	67.1957	67.1957	67.1957
1439	82.3074	86.9049	95.538	67.0579	67.0579	67.0579
1440	82.7868	87.4365	96.5327	66.9219	66.9219	66.9219
1441	82.8124	86.8425	95.3923	66.786	66.786	66.786
1442	82.5985	86.0569	94.1025	66.6502	66.6502	66.6502
1443	82.4584	85.7145	93.6038	66.5154	66.5154	66.5154
1444	82.406	85.55	93.3669	66.3818	66.3818	66.3818
1445	82.4037	85.4477	93.2001	66.2494	66.2494	66.2494

1446	82.4561	85.468	93.2003	66.1183	66.1183	66.1183
1447	82.5378	85.5186	93.2313	65.9885	65.9885	65.9885
1448	82.6066	85.508	93.1616	65.8599	65.8599	65.8599
1449	82.4392	84.8689	92.144	65.7316	65.7316	65.7316
1450	82.135	84.1035	91.0083	65.6035	65.6035	65.6035
1451	81.7485	83.2654	89.8078	65.4758	65.4758	65.4758
1452	81.4642	82.8547	89.2549	65.349	65.349	65.349
1453	81.2549	82.5667	88.8581	65.2231	65.2231	65.2231
1454	81.0847	82.3199	88.5054	65.0983	65.0983	65.0983
1455	80.9227	82.0634	88.1091	64.9744	64.9744	64.9744
1456	80.7459	81.7636	87.6168	64.8514	64.8514	64.8514
1457	80.5582	81.4554	87.1202	64.7292	64.7292	64.7292
1458	80.3621	81.1413	86.6213	64.6079	64.6079	64.6079
1459	80.2087	80.9378	86.3576	64.4876	64.4876	64.4876
1460	80.1093	80.8311	86.2687	64.3685	64.3685	64.3685
1461	80.0396	80.7541	86.2091	64.2505	64.2505	64.2505
1462	79.9863	80.6938	86.1658	64.1337	64.1337	64.1337
1463	79.9406	80.6423	86.1239	64.018	64.018	64.018
1464	79.8977	80.5948	86.0792	63.9034	63.9034	63.9034
1465	79.8566	80.5493	86.0364	63.7898	63.7898	63.7898
1466	79.8167	80.505	85.9947	63.6774	63.6774	63.6774
1467	79.7775	80.4617	85.9539	63.566	63.566	63.566
1468	79.736	80.4177	85.9	63.4557	63.4557	63.4557
1469	79.693	80.3725	85.8434	63.3464	63.3464	63.3464
1470	79.6492	80.3266	85.7863	63.2382	63.2382	63.2382
1471	79.605	80.2803	85.7291	63.1309	63.1309	63.1309
1472	79.5608	80.234	85.672	63.0247	63.0247	63.0247
1473	78.3042	78.8705	79.9402	62.9148	62.9148	62.9148
1474	77.5383	78.1045	79.1742	62.806	62.806	62.806
1475	77.039	77.6052	78.6749	62.6982	62.6982	62.6982
1476	76.6849	77.2512	78.3209	62.5913	62.5913	62.5913
1477	76.4103	76.9765	78.0462	62.4854	62.4854	62.4854
1478	76.1819	76.7384	77.832	62.3805	62.3805	62.3805
1479	75.9741	76.5403	77.61	62.2765	62.2765	62.2765
1480	75.7805	76.3467	77.4164	62.1735	62.1735	62.1735
1481	75.5956	76.1605	77.2334	62.0714	62.0714	62.0714
1482	75.4152	75.9814	77.0513	61.9702	61.9702	61.9702
1483	75.2383	75.8045	76.8742	61.8699	61.8699	61.8699
1484	75.0637	75.6299	76.6996	61.7706	61.7706	61.7706
1485	74.891	75.4572	76.527	61.6722	61.6722	61.6722
1486	74.7199	75.2861	76.3559	61.5746	61.5746	61.5746
1487	74.5502	75.1165	76.1862	61.478	61.478	61.478
1488	74.3819	74.9481	76.0178	61.3822	61.3822	61.3822
1489	74.2148	74.781	75.8507	61.2873	61.2873	61.2873
1490	74.0489	74.6151	75.6848	61.1932	61.1932	61.1932
1491	73.8842	74.4505	75.5202	61.1	61.1	61.1
1492	73.7208	74.287	75.3567	61.0077	61.0077	61.0077
1493	73.5585	74.1247	75.1944	60.9161	60.9161	60.9161
1494	73.3974	73.9636	75.0333	60.8254	60.8254	60.8254
1495	73.2374	73.8037	74.8734	60.7356	60.7356	60.7356
1496	73.0786	73.6448	74.7146	60.6465	60.6465	60.6465
1497	72.921	73.4872	74.5569	60.5582	60.5582	60.5582
1498	72.7644	73.3307	74.4004	60.4708	60.4708	60.4708
1499	72.609	73.1753	74.245	60.3841	60.3841	60.3841
1500	72.4548	73.021	74.0907	60.2982	60.2982	60.2982
1501	72.3016	72.8678	73.9375	60.2131	60.2131	60.2131

1502	72.1495	72.7158	73.7855	60.1288	60.1288	60.1288
1503	71.9986	72.5648	73.6345	60.0452	60.0452	60.0452
1504	71.8487	72.4149	73.4846	59.9624	59.9624	59.9624
1505	71.7103	72.247	73.3983	59.8803	59.8803	59.8803
1506	71.6092	72.0777	73.4803	59.7992	59.7992	59.7992
1507	71.5394	71.9625	73.6179	59.7189	59.7189	59.7189
1508	71.4971	71.8964	73.8051	59.6396	59.6396	59.6396
1509	71.4814	71.8732	74.0381	59.5613	59.5613	59.5613
1510	71.4912	71.8854	74.2883	59.4839	59.4839	59.4839
1511	71.5233	71.926	74.5588	59.4075	59.4075	59.4075
1512	71.4963	71.899	74.5325	59.3318	59.3318	59.3318
1513	71.4374	71.8401	74.4736	59.2568	59.2568	59.2568
1514	71.3615	71.7643	74.3978	59.1825	59.1825	59.1825
1515	71.2264	71.623	74.089	59.1087	59.1087	59.1087
1516	71.0453	71.4373	73.7358	59.0353	59.0353	59.0353
1517	70.8409	71.2344	73.3149	58.9624	58.9624	58.9624
1518	70.6263	71.0285	72.8971	58.8899	58.8899	58.8899
1519	70.409	70.8318	72.4892	58.8179	58.8179	58.8179
1520	70.1935	70.6529	72.0987	58.7464	58.7464	58.7464
1521	69.9985	70.4806	71.818	58.6755	58.6755	58.6755
1522	69.6401	70.3093	70.6924	59.2642	59.2642	62.1211
1523	71.237	83.4113	73.8025	64.4973	64.4973	85.0243
1524	72.1206	84.3998	74.6388	67.4551	67.4551	88.0481
1525	72.6027	84.8901	75.0728	69.2366	69.2366	89.7983
1526	72.815	84.7507	75.228	70.3122	70.3122	90.4972
1527	73.1031	84.6694	76.5265	70.9102	70.9102	90.3604
1528	73.4264	84.7082	77.7734	71.2154	71.2154	89.8099
1529	73.8597	85.2005	79.2939	71.3477	71.3477	89.0539
1530	74.6814	86.7009	82.2031	71.3769	71.3769	88.1883
1531	74.953	86.2006	81.8478	71.3337	71.3337	87.2367
1532	75.0196	85.5368	81.858	71.2283	71.2283	86.1837
1533	75.1879	85.6912	82.3686	71.0749	71.0749	85.0721
1534	75.5022	86.4368	83.0748	70.8797	70.8797	83.9062
1535	75.586	86.141	83.0043	70.6343	70.6343	82.6449
1536	75.7547	86.0941	84.0131	70.3592	70.3592	81.3757
1537	76.027	86.5374	85.1059	70.0646	70.0646	80.1204
1538	76.3364	87.1301	86.1197	69.7377	69.7377	78.7951
1539	76.6145	87.6302	86.9964	69.3687	69.3687	77.3747
1540	76.8722	88.0494	87.9174	68.9771	68.9771	75.9643
1541	76.0788	83.2099	84.2079	67.6002	67.6002	69.4454
1542	75.3391	82.0895	83.3608	66.4557	66.4557	66.4557
1543	75.0036	83.1129	84.2299	65.8632	65.8632	65.8632
1544	73.0782	73.0782	73.0782	65.5491	65.5491	65.5491
1545	72.0049	72.0049	72.0049	65.3821	65.3821	65.3821
1546	71.4052	71.4052	71.4052	65.2912	65.2912	65.2912
1547	71.0686	71.0686	71.0686	65.2395	65.2395	65.2395
1548	70.8783	70.8783	70.8783	65.208	65.208	65.208
1549	70.7691	70.7691	70.7691	65.187	65.187	65.187
1550	70.7051	70.7051	70.7051	65.1714	65.1714	65.1714
1551	70.6662	70.6662	70.6662	65.1586	65.1586	65.1586
1552	70.6413	70.6413	70.6413	65.1473	65.1473	65.1473
1553	70.624	70.624	70.624	65.1367	65.1367	65.1367
1554	70.6111	70.6111	70.6111	65.1265	65.1265	65.1265
1555	70.6006	70.6006	70.6006	65.1165	65.1165	65.1165
1556	70.5914	70.5914	70.5914	65.1067	65.1067	65.1067
1557	70.5829	70.5829	70.5829	65.0968	65.0968	65.0968

1558	70.5749	70.5749	70.5749	65.0871	65.0871	65.0871
1559	70.5671	70.5671	70.5671	65.0773	65.0773	65.0773
1560	70.5594	70.5594	70.5594	65.0676	65.0676	65.0676
1561	73.8702	88.8631	90.2807	65.0698	65.0698	65.0698
1562	75.7882	88.5131	90.483	65.0719	65.0719	65.0719
1563	76.9375	87.3938	90.0749	65.074	65.074	65.074
1564	77.6711	87.2733	90.686	65.076	65.076	65.076
1565	78.1566	86.9256	91.0599	65.0438	65.0438	65.0438
1566	78.4956	86.5665	91.3828	64.9677	64.9677	64.9677
1567	78.756	86.1424	91.6295	64.87	64.87	64.87
1568	78.989	85.8123	91.8703	64.7622	64.7622	64.7622
1569	79.2063	85.4648	92.0954	64.6499	64.6499	64.6499
1570	79.3811	84.9891	92.2731	64.5358	64.5358	64.5358
1571	79.532	84.4937	92.4294	64.4214	64.4214	64.4214
1572	79.6971	84.3908	92.3256	64.3074	64.3074	64.3074
1573	79.8724	84.3215	92.2209	64.1942	64.1942	64.1942
1574	80.2497	84.7964	93.22	64.0826	64.0826	64.0826
1575	80.7751	85.4683	94.4954	63.9729	63.9729	63.9729
1576	80.9542	85.1931	93.9269	63.8636	63.8636	63.8636
1577	80.8274	84.4785	92.694	63.7542	63.7542	63.7542
1578	80.6549	83.9512	91.8665	63.6453	63.6453	63.6453
1579	80.5914	83.775	91.6174	63.5373	63.5373	63.5373
1580	80.5866	83.663	91.4362	63.4303	63.4303	63.4303
1581	80.6351	83.6598	91.4001	63.3243	63.3243	63.3243
1582	80.7205	83.7148	91.436	63.2193	63.2193	63.2193
1583	80.8256	83.7907	91.4935	63.1155	63.1155	63.1155
1584	80.7936	83.4758	90.9535	63.0121	63.0121	63.0121
1585	80.5921	82.8431	89.9747	62.9089	62.9089	62.9089
1586	80.2954	82.133	88.9327	62.8059	62.8059	62.8059
1587	79.9516	81.4084	87.9003	62.7033	62.7033	62.7033
1588	79.725	81.1124	87.5085	62.6014	62.6014	62.6014
1589	79.5604	80.8805	87.1833	62.5003	62.5003	62.5003
1590	79.4273	80.6806	86.8911	62.4001	62.4001	62.4001
1591	79.3093	80.4965	86.6151	62.3006	62.3006	62.3006
1592	79.1731	80.252	86.2012	62.2018	62.2018	62.2018
1593	79.0242	79.9968	85.7795	62.1037	62.1037	62.1037
1594	78.8665	79.7352	85.3553	62.0063	62.0063	62.0063
1595	78.7025	79.4707	84.9337	61.9096	61.9096	61.9096
1596	78.5781	79.3078	84.7264	61.8137	61.8137	61.8137
1597	78.4988	79.2224	84.6556	61.7188	61.7188	61.7188
1598	78.444	79.1617	84.609	61.6247	61.6247	61.6247
1599	78.4027	79.1148	84.5757	61.5316	61.5316	61.5316
1600	78.3689	79.0757	84.5496	61.4394	61.4394	61.4394
1601	78.3382	79.0406	84.5219	61.348	61.348	61.348
1602	78.3083	79.0071	84.4905	61.2576	61.2576	61.2576
1603	78.2788	78.9742	84.4597	61.1679	61.1679	61.1679
1604	78.2498	78.9419	84.4293	61.0792	61.0792	61.0792
1605	78.2212	78.91	84.3994	60.9913	60.9913	60.9913
1606	78.193	78.8785	84.3699	60.9042	60.9042	60.9042
1607	78.1641	78.847	84.3359	60.8179	60.8179	60.8179
1608	78.1333	78.8146	84.2945	60.7325	60.7325	60.7325
1609	78.1017	78.7812	84.2523	60.6478	60.6478	60.6478
1610	78.0695	78.7474	84.2098	60.564	60.564	60.564
1611	78.0372	78.7135	84.1673	60.4809	60.4809	60.4809
1612	78.0049	78.6795	84.125	60.3986	60.3986	60.3986
1613	77.9726	78.6456	84.0828	60.3171	60.3171	60.3171

1614	76.8895	77.2874	79.221	60.2328	60.2328	60.2328
1615	76.2315	76.6294	78.563	60.1491	60.1491	60.1491
1616	75.8046	76.2025	78.1361	60.0663	60.0663	60.0663
1617	75.5035	75.9014	77.835	59.9842	59.9842	59.9842
1618	76.8169	88.9608	79.3927	65.4859	65.4859	85.9908
1619	77.5328	89.8035	80.0615	68.5798	68.5798	89.1733
1620	77.9107	90.2208	80.3908	70.4334	70.4334	91.0245
1621	78.0548	90.0518	80.4777	71.552	71.552	91.8026
1622	78.2444	89.8697	81.4697	72.1871	72.1871	91.7664
1623	78.5157	89.8281	82.7677	72.5075	72.5075	91.2316
1624	78.838	90.0792	83.9726	72.6417	72.6417	90.4718
1625	79.6025	91.5649	86.907	72.6674	72.6674	89.5999
1626	79.9114	91.2628	86.8905	72.6194	72.6194	88.6445
1627	79.965	90.5786	86.7873	72.5096	72.5096	87.594
1628	80.0605	90.4716	87.1654	72.3496	72.3496	86.4755
1629	80.3735	91.3592	87.9669	72.1499	72.1499	85.3129
1630	80.4419	91.0479	87.8809	71.8992	71.8992	84.0464
1631	80.5573	90.9264	88.6991	71.6166	71.6166	82.7674
1632	80.7753	91.2424	89.7462	71.3126	71.3126	81.496
1633	81.0521	91.8141	90.757	70.9808	70.9808	80.1806
1634	81.2977	92.2917	91.5904	70.6037	70.6037	78.7467
1635	81.5222	92.6776	92.4782	70.2049	70.2049	77.3291
1636	80.8465	88.5671	89.4063	68.9605	68.9605	71.5415
1637	80.0206	86.5883	87.8803	67.7156	67.7156	67.7156
1638	79.6366	87.5631	88.7009	67.0711	67.0711	67.0711
1639	77.6866	77.6866	77.6866	66.7304	66.7304	66.7304
1640	76.5993	76.5993	76.5993	66.5497	66.5497	66.5497
1641	75.9911	75.9911	75.9911	66.4517	66.4517	66.4517
1642	75.6494	75.6494	75.6494	66.3964	66.3964	66.3964
1643	75.4556	75.4556	75.4556	66.363	66.363	66.363
1644	75.344	75.344	75.344	66.3411	66.3411	66.3411
1645	75.2781	75.2781	75.2781	66.325	66.325	66.325
1646	75.2376	75.2376	75.2376	66.312	66.312	66.312
1647	75.2112	75.2112	75.2112	66.3006	66.3006	66.3006
1648	75.1927	75.1927	75.1927	66.29	66.29	66.29
1649	75.1785	75.1785	75.1785	66.2798	66.2798	66.2798
1650	75.1667	75.1667	75.1667	66.2698	66.2698	66.2698
1651	75.1563	75.1563	75.1563	66.2599	66.2599	66.2599
1652	75.1466	75.1466	75.1466	66.2501	66.2501	66.2501
1653	75.1374	75.1374	75.1374	66.2404	66.2404	66.2404
1654	75.1284	75.1284	75.1284	66.2307	66.2307	66.2307
1655	75.1195	75.1195	75.1195	66.2209	66.2209	66.2209
1656	78.4317	93.7295	95.0702	66.2225	66.2225	66.2225
1657	80.3529	93.383	95.2961	66.224	66.224	66.224
1658	81.4989	92.0705	94.6533	66.2254	66.2254	66.2254
1659	82.2292	91.9437	95.2574	66.2268	66.2268	66.2268
1660	82.7052	91.568	95.6106	66.1912	66.1912	66.1912
1661	83.0241	91.1888	95.9135	66.1082	66.1082	66.1082
1662	83.257	90.7242	96.1304	66.0019	66.0019	66.0019
1663	83.4597	90.3587	96.34	65.8846	65.8846	65.8846
1664	83.6469	89.9837	96.5355	65.7625	65.7625	65.7625
1665	83.7945	89.4899	96.6861	65.6384	65.6384	65.6384
1666	83.9155	88.9604	96.81	65.514	65.514	65.514
1667	84.0468	88.7722	96.7115	65.39	65.39	65.39
1668	84.1895	88.6681	96.5717	65.2669	65.2669	65.2669
1669	84.5113	89.0423	97.4015	65.1455	65.1455	65.1455

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1670	84.9961	89.6767	98.652	65.0259	65.0259	65.0259
1671	85.1776	89.453	98.2191	64.9069	64.9069	64.9069
1672	85.0271	88.6915	96.9187	64.788	64.788	64.788
1673	84.8209	88.1155	96.0295	64.6696	64.6696	64.6696
1674	84.7255	87.9068	95.7477	64.5523	64.5523	64.5523
1675	84.6896	87.7627	95.5337	64.4361	64.4361	64.4361
1676	84.7088	87.732	95.4713	64.3209	64.3209	64.3209
1677	84.7651	87.7573	95.4771	64.207	64.207	64.207
1678	84.8414	87.8035	95.5044	64.0941	64.0941	64.0941
1679	84.7407	87.349	94.7674	63.9817	63.9817	63.9817
1680	84.4678	86.609	93.6526	63.8696	63.8696	63.8696
1681	84.0957	85.785	92.4657	63.7578	63.7578	63.7578
1682	83.7484	85.171	91.6158	63.6465	63.6465	63.6465
1683	83.5003	84.8458	91.184	63.5361	63.5361	63.5361
1684	83.3044	84.575	90.8094	63.4266	63.4266	63.4266
1685	81.8667	82.7283	84.4836	63.3138	63.3138	63.3138
1686	80.3286	80.393	80.4769	63.1997	63.1997	63.1997
1687	79.3767	79.4411	79.525	63.0867	63.0867	63.0867
1688	78.7437	78.808	78.892	62.9747	62.9747	62.9747
1689	78.2843	78.3487	78.4326	62.8637	62.8637	62.8637
1690	77.9201	77.9845	78.0684	62.7537	62.7537	62.7537
1691	77.6082	77.6726	77.7566	62.6447	62.6447	62.6447
1692	77.3256	77.39	77.4739	62.5367	62.5367	62.5367
1693	77.0597	77.1241	77.208	62.4297	62.4297	62.4297
1694	76.8036	76.868	76.9519	62.3236	62.3236	62.3236
1695	76.5537	76.6181	76.702	62.2185	62.2185	62.2185
1696	76.3079	76.3723	76.4562	62.1143	62.1143	62.1143
1697	76.0651	76.1295	76.2134	62.0111	62.0111	62.0111
1698	75.9355	76.2361	76.4465	62.1057	62.1057	62.9558
1699	75.6135	75.6197	75.6241	61.9224	61.9224	61.9401
1700	75.5392	75.8635	76.2861	61.7775	61.7775	61.7775
1701	75.6193	76.2747	77.1292	61.6565	61.6565	61.6565
1702	76.1018	76.8264	79.6828	61.5493	61.5493	61.5493
1703	77.2884	78.4059	84.4156	61.4518	61.4518	61.4518
1704	77.8582	78.8673	84.7072	61.3579	61.3579	61.3579
1705	78.0932	78.9991	84.6774	61.2659	61.2659	61.2659
1706	78.1461	78.9537	84.4781	61.1754	61.1754	61.1754
1707	78.1141	78.8463	84.2586	61.0859	61.0859	61.0859
1708	78.0858	78.812	84.2389	60.9974	60.9974	60.9974
1709	78.0599	78.7801	84.2215	60.9099	60.9099	60.9099
1710	78.0355	78.7498	84.2054	60.8232	60.8232	60.8232
1711	78.0122	78.7208	84.1903	60.7374	60.7374	60.7374
1712	77.9893	78.6925	84.1732	60.6525	60.6525	60.6525
1713	77.9647	78.6641	84.1471	60.5683	60.5683	60.5683
1714	77.9395	78.6351	84.1204	60.485	60.485	60.485
1715	77.914	78.6059	84.0934	60.4024	60.4024	60.4024
1716	77.8886	78.5768	84.0666	60.3207	60.3207	60.3207
1717	77.8633	78.548	84.0399	60.2397	60.2397	60.2397
1718	77.8363	78.5186	84.0039	60.1595	60.1595	60.1595
1719	77.7345	78.3829	83.6258	60.0798	60.0798	60.0798
1720	78.2022	90.4894	80.7106	65.6087	65.6087	86.2012
1721	78.4264	90.6305	80.883	68.6498	68.6498	89.1222
1722	78.5022	90.3379	81.0212	70.3352	70.3352	90.3744
1723	78.7604	90.2029	82.599	71.194	71.194	90.3737
1724	78.0152	83.2258	81.3672	69.7266	69.7266	81.7002
1725	77.0959	77.8457	80.4583	66.129	66.129	66.129

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1726	76.5737	77.3239	80.0616	64.2699	64.2699	64.2699
1727	76.2702	77.0218	79.88	63.2848	63.2848	63.2848
1728	76.0757	76.8294	79.7575	62.7392	62.7392	62.7392
1729	76.0195	76.7892	80.0319	62.4151	62.4151	62.4151
1730	75.9561	76.73	80.0124	62.2026	62.2026	62.2026
1731	75.8897	76.6678	79.9899	62.0468	62.0468	62.0468
1732	75.8228	76.605	79.9668	61.9198	61.9198	61.9198
1733	75.7564	76.5428	79.9444	61.8078	61.8078	61.8078
1734	75.6309	76.4004	79.6407	61.7036	61.7036	61.7036
1735	75.5194	76.2889	79.5293	61.6038	61.6038	61.6038
1736	75.4159	76.1854	79.4258	61.5067	61.5067	61.5067
1737	75.317	76.0865	79.3269	61.4114	61.4114	61.4114
1738	75.221	75.9905	79.2308	61.3175	61.3175	61.3175
1739	75.1267	75.8962	79.1366	61.2246	61.2246	61.2246
1740	75.0338	75.8033	79.0437	61.1327	61.1327	61.1327
1741	74.9419	75.7114	78.9517	61.0417	61.0417	61.0417
1742	74.8508	75.6203	78.8606	60.9515	60.9515	60.9515
1743	74.7604	75.53	78.7703	60.8622	60.8622	60.8622
1744	74.6595	75.4263	78.6303	60.7738	60.7738	60.7738
1745	74.5184	75.2773	78.3383	60.686	60.686	60.686
1746	74.3736	76.9051	77.5326	62.3076	62.3076	69.5196
1747	75.7261	86.9482	80.8032	66.2157	66.2157	84.0696
1748	77.0957	89.0918	84.5017	68.1293	68.1293	85.0198
1749	77.6825	88.9377	84.5835	69.0191	69.0191	84.9312
1750	77.9006	88.3742	84.7455	69.3694	69.3694	84.2682
1751	78.1783	88.7625	85.4254	69.4342	69.4342	83.3186
1752	78.4862	89.3564	86.0326	69.3361	69.3361	82.1902
1753	78.5906	89.0972	86.1669	69.1334	69.1334	80.9341
1754	78.768	89.0594	87.2289	68.8763	68.8763	79.6602
1755	79.0547	89.6464	88.3365	68.5921	68.5921	78.4084
1756	79.3393	90.1955	89.277	68.2634	68.2634	77.0408
1757	79.5935	90.6534	90.1566	67.8978	67.8978	75.6255
1758	79.5966	89.8791	90.0286	67.2936	67.2936	73.073
1759	78.5516	84.4169	85.7556	65.7119	65.7119	65.9767
1760	77.9779	85.1242	86.3505	64.8214	64.8214	64.8214
1761	77.7346	86.2418	87.3137	64.3602	64.3602	64.3602
1762	75.8534	75.8534	75.8534	64.1149	64.1149	64.1149
1763	74.8045	74.8045	74.8045	63.984	63.984	63.984
1764	74.218	74.218	74.218	63.9123	63.9123	63.9123
1765	73.8884	73.8884	73.8884	63.871	63.871	63.871
1766	73.7015	73.7015	73.7015	63.8455	63.8455	63.8455
1767	73.594	73.594	73.594	63.8281	63.8281	63.8281
1768	73.5306	73.5306	73.5306	63.8149	63.8149	63.8149
1769	73.4917	73.4917	73.4917	63.8039	63.8039	63.8039
1770	73.4664	73.4664	73.4664	63.794	63.794	63.794
1771	73.4487	73.4487	73.4487	63.7848	63.7848	63.7848
1772	73.4351	73.4351	73.4351	63.7758	63.7758	63.7758
1773	73.4239	73.4239	73.4239	63.767	63.767	63.767
1774	73.414	73.414	73.414	63.7582	63.7582	63.7582
1775	73.4049	73.4049	73.4049	63.7495	63.7495	63.7495
1776	73.3961	73.3961	73.3961	63.7409	63.7409	63.7409
1777	73.3875	73.3875	73.3875	63.7322	63.7322	63.7322
1778	73.3791	73.3791	73.3791	63.7236	63.7236	63.7236
1779	76.6834	91.0288	92.6099	63.7254	63.7254	63.7254
1780	78.6	90.6652	92.8218	63.7272	63.7272	63.7272
1781	79.7496	89.9758	92.8531	63.7289	63.7289	63.7289

1782	80.4832	89.8651	93.4663	63.7306	63.7306	63.7306
1783	80.9637	89.5595	93.863	63.7016	63.7016	63.7016
1784	81.2906	89.1948	94.174	63.633	63.633	63.633
1785	81.5394	88.7956	94.4147	63.5452	63.5452	63.5452
1786	81.7571	88.4539	94.6402	63.4482	63.4482	63.4482
1787	81.9495	88.0647	94.8392	63.3472	63.3472	63.3472
1788	82.1015	87.5684	94.9942	63.2445	63.2445	63.2445
1789	82.2355	87.121	95.0836	63.1416	63.1416	63.1416
1790	82.385	87.0259	94.953	63.039	63.039	63.039
1791	82.5622	86.993	94.9392	62.9372	62.9372	62.9372
1792	82.9626	87.541	96.0954	62.8371	62.8371	62.8371
1793	83.4917	88.2132	97.3636	62.7385	62.7385	62.7385
1794	83.5497	87.6577	96.2762	62.6399	62.6399	62.6399
1795	83.3504	86.8807	94.9898	62.5413	62.5413	62.5413
1796	83.1838	86.4554	94.3546	62.4433	62.4433	62.4433
1797	83.1153	86.2753	94.1024	62.3462	62.3462	62.3462
1798	83.0994	86.1539	93.913	62.2499	62.2499	62.2499
1799	83.1399	86.1586	93.895	62.1546	62.1546	62.1546
1800	83.2126	86.2019	93.92	62.0602	62.0602	62.0602
1801	83.3025	86.2639	93.9645	61.9668	61.9668	61.9668
1802	83.2361	85.8855	93.337	61.8737	61.8737	61.8737
1803	83.0209	85.2652	92.3914	61.781	61.781	61.781
1804	82.7235	84.5821	91.3988	61.6884	61.6884	61.6884
1805	82.3969	83.9201	90.4675	61.5963	61.5963	61.5963
1806	82.1572	83.5719	90.0057	61.5048	61.5048	61.5048
1807	81.5661	82.6295	87.7534	61.4127	61.4127	61.4127
1808	80.4652	81.2153	83.9266	61.3192	61.3192	61.3192
1809	79.7646	80.5162	83.0808	61.2264	61.2264	61.2264
1810	79.3176	80.0692	82.6337	61.1345	61.1345	61.1345
1811	79.0086	79.7601	82.3247	61.0434	61.0434	61.0434
1812	78.7749	79.5265	82.091	60.9532	60.9532	60.9532
1813	78.5825	79.3341	81.8987	60.8638	60.8638	60.8638
1814	78.4108	79.1629	81.7182	60.7752	60.7752	60.7752
1815	78.2369	78.9927	81.4811	60.6874	60.6874	60.6874
1816	78.0614	78.8208	81.2424	60.6003	60.6003	60.6003
1817	77.8773	78.6466	80.9641	60.514	60.514	60.514
1818	77.6929	78.4726	80.7056	60.4284	60.4284	60.4284
1819	77.5458	78.3142	80.6394	60.3436	60.3436	60.3436
1820	77.3863	78.1629	80.421	60.2596	60.2596	60.2596
1821	77.2197	78.0045	80.1956	60.1763	60.1763	60.1763
1822	77.0567	77.8459	80.005	60.0938	60.0938	60.0938
1823	76.8684	77.6945	79.6789	60.0119	60.0119	60.0119
1824	76.6991	77.5251	79.5096	59.9308	59.9308	59.9308
1825	76.5405	77.3666	79.351	59.8504	59.8504	59.8504
1826	76.3883	77.2143	79.1988	59.7707	59.7707	59.7707
1827	76.2399	77.066	79.0504	59.6918	59.6918	59.6918
1828	76.0942	76.9202	78.9047	59.6136	59.6136	59.6136
1829	77.5842	88.7601	82.2593	64.369	64.369	82.5161
1830	78.8445	90.5083	85.2507	66.755	66.755	84.0591
1831	79.7393	91.3923	86.9633	67.9105	67.9105	84.2906
1832	80.0582	90.9414	86.8347	68.4289	68.4289	83.8763
1833	80.1607	90.3217	87.0585	68.6022	68.6022	83.0814
1834	80.5158	91.3644	87.9801	68.5919	68.5919	82.1074
1835	80.71	91.4513	88.204	68.4609	68.4609	80.9702
1836	80.8162	91.2574	88.6538	68.2542	68.2542	79.754
1837	81.0027	91.357	89.6921	68.0036	68.0036	78.5193

1838	81.2905	91.9672	90.7844	67.7267	67.7267	77.2927
1839	81.5438	92.4595	91.6286	67.3982	67.3982	75.9087
1840	81.7727	92.8718	92.4972	67.0391	67.0391	74.5189
1841	81.4905	90.7413	91.1686	66.1965	66.1965	70.688
1842	80.5064	86.5653	87.9151	64.7336	64.7336	64.7336
1843	80.0348	87.4871	88.6787	63.977	63.977	63.977
1844	78.044	78.044	78.044	63.5795	63.5795	63.5795
1845	76.9339	76.9339	76.9339	63.3702	63.3702	63.3702
1846	76.3131	76.3131	76.3131	63.2582	63.2582	63.2582
1847	75.9642	75.9642	75.9642	63.1963	63.1963	63.1963
1848	75.7664	75.7664	75.7664	63.1604	63.1604	63.1604
1849	75.6526	75.6526	75.6526	63.1378	63.1378	63.1378
1850	75.5855	75.5855	75.5855	63.1222	63.1222	63.1222
1851	75.5442	75.5442	75.5442	63.1101	63.1101	63.1101
1852	75.5174	75.5174	75.5174	63.0999	63.0999	63.0999
1853	75.4985	75.4985	75.4985	63.0907	63.0907	63.0907
1854	75.4842	75.4842	75.4842	63.0819	63.0819	63.0819
1855	75.4722	75.4722	75.4722	63.0734	63.0734	63.0734
1856	75.4617	75.4617	75.4617	63.065	63.065	63.065
1857	75.4519	75.4519	75.4519	63.0567	63.0567	63.0567
1858	75.4426	75.4426	75.4426	63.0485	63.0485	63.0485
1859	75.4335	75.4335	75.4335	63.0402	63.0402	63.0402
1860	75.4245	75.4245	75.4245	63.032	63.032	63.032
1861	78.7437	94.833	95.9739	63.0339	63.0339	63.0339
1862	80.6646	94.4858	96.1683	63.0356	63.0356	63.0356
1863	81.8149	93.198	95.5268	63.0373	63.0373	63.0373
1864	82.5427	92.5563	95.6149	63.039	63.039	63.039
1865	83.0418	92.2028	95.9931	63.0407	63.0407	63.0407
1866	83.3893	91.7976	96.2843	63.0134	63.0134	63.0134
1867	83.6384	91.355	96.5235	62.9489	62.9489	62.9489
1868	83.8406	90.9362	96.7182	62.8663	62.8663	62.8663
1869	84.026	90.5587	96.9114	62.7751	62.7751	62.7751
1870	84.1834	90.1058	97.074	62.6801	62.6801	62.6801
1871	84.3096	89.5848	97.205	62.5835	62.5835	62.5835
1872	84.4308	89.2447	97.1969	62.4867	62.4867	62.4867
1873	84.5663	89.1397	97.057	62.3902	62.3902	62.3902
1874	84.785	89.2525	97.3502	62.2947	62.2947	62.2947
1875	85.1942	89.8032	98.4838	62.2006	62.2006	62.2006
1876	85.6305	90.2634	99.3447	62.1078	62.1078	62.1078
1877	85.6449	89.7	98.2717	62.015	62.015	62.015
1878	85.4378	88.9612	97.0642	61.9222	61.9222	61.9222
1879	85.2656	88.5451	96.4494	61.83	61.83	61.83
1880	85.1895	88.3664	96.2044	61.7387	61.7387	61.7387
1881	85.1651	88.2444	96.0195	61.6481	61.6481	61.6481
1882	85.1867	88.2152	95.9578	61.5585	61.5585	61.5585
1883	85.2422	88.2431	95.9683	61.4697	61.4697	61.4697
1884	85.3159	88.2901	95.9987	61.3818	61.3818	61.3818
1885	85.3511	88.2163	95.841	61.2947	61.2947	61.2947
1886	85.1864	87.6386	94.9317	61.2077	61.2077	61.2077
1887	84.9012	86.9403	93.9017	61.1209	61.1209	61.1209
1888	84.5458	86.1855	92.8264	61.0344	61.0344	61.0344
1889	84.2335	85.6596	92.1092	60.9483	60.9483	60.9483
1890	84.0142	85.3792	91.7443	60.8629	60.8629	60.8629
1891	83.847	85.1565	91.4446	60.7782	60.7782	60.7782
1892	83.71	84.9693	91.1881	60.6942	60.6942	60.6942
1893	83.5912	84.8058	90.9627	60.6109	60.6109	60.6109

1894	83.4787	84.6436	90.7273	60.5283	60.5283	60.5283
1895	83.3638	84.4705	90.4632	60.4464	60.4464	60.4464
1896	83.2506	84.3067	90.2201	60.3652	60.3652	60.3652
1897	83.138	84.1457	89.9833	60.2846	60.2846	60.2846
1898	83.0249	83.985	89.7483	60.2047	60.2047	60.2047
1899	82.9077	83.817	89.5008	60.1255	60.1255	60.1255
1900	82.7825	83.6348	89.2293	60.0469	60.0469	60.0469
1901	82.647	83.436	88.9315	59.969	59.969	59.969
1902	82.9652	94.6927	85.8475	65.2453	65.2453	85.0479
1903	83.324	94.6819	87.4352	67.9018	67.9018	86.8181
1904	83.608	94.7459	88.4009	69.2122	69.2122	87.1987
1905	84.335	96.1917	91.3217	69.8345	69.8345	86.8984
1906	84.7185	96.1719	91.7804	70.0954	70.0954	86.2406
1907	84.7796	95.4867	91.5863	70.1543	70.1543	85.3638
1908	84.8154	95.1371	91.8469	70.0908	70.0908	84.3413
1909	85.122	96.1296	92.7169	69.9534	69.9534	83.2473
1910	85.1828	95.8383	92.6419	69.7469	69.7469	82.0265
1911	85.2506	95.647	93.2798	69.4971	69.4971	80.7772
1912	85.4179	95.843	94.284	69.2193	69.2193	79.5264
1913	85.6639	96.3951	95.2928	68.9155	68.9155	78.2533
1914	85.8778	96.845	96.0902	68.5633	68.5633	76.8421
1915	86.0703	97.2048	96.9399	68.1872	68.1872	75.4442
1916	85.5088	93.8007	94.4861	67.1009	67.1009	70.3952
1917	84.5993	90.9899	92.302	65.7808	65.7808	65.7808
1918	84.1682	91.9176	93.0755	65.0976	65.0976	65.0976
1919	82.1944	82.1944	82.1944	64.7381	64.7381	64.7381
1920	81.0933	81.0933	81.0933	64.5484	64.5484	64.5484
1921	80.4771	80.4771	80.4771	64.4464	64.4464	64.4464
1922	80.1302	80.1302	80.1302	64.3897	64.3897	64.3897
1923	79.9331	79.9331	79.9331	64.3563	64.3563	64.3563
1924	79.8191	79.8191	79.8191	64.335	64.335	64.335
1925	79.7514	79.7514	79.7514	64.32	64.32	64.32
1926	79.7094	79.7094	79.7094	64.3081	64.3081	64.3081
1927	79.6816	79.6816	79.6816	64.298	64.298	64.298
1928	79.6617	79.6617	79.6617	64.2887	64.2887	64.2887
1929	79.6463	79.6463	79.6463	64.2798	64.2798	64.2798
1930	79.6333	79.6333	79.6333	64.2712	64.2712	64.2712
1931	79.6217	79.6217	79.6217	64.2627	64.2627	64.2627
1932	79.6109	79.6109	79.6109	64.2543	64.2543	64.2543
1933	79.6004	79.6004	79.6004	64.2459	64.2459	64.2459
1934	79.5902	79.5902	79.5902	64.2376	64.2376	64.2376
1935	79.5802	79.5802	79.5802	64.2292	64.2292	64.2292
1936	82.8872	98.4798	99.6978	64.2305	64.2305	64.2305
1937	84.8115	98.1371	99.9756	64.2318	64.2318	64.2318
1938	85.9576	96.7112	99.1989	64.2329	64.2329	64.2329
1939	86.6876	96.516	99.7351	64.2341	64.2341	64.2341
1940	87.1868	96.161	100.111	64.2352	64.2352	64.2352
1941	87.5284	95.7896	100.426	64.2046	64.2046	64.2046
1942	87.7572	95.3152	100.633	64.1331	64.1331	64.1331
1943	87.9405	94.9129	100.82	64.0417	64.0417	64.0417
1944	88.1023	94.512	100.989	63.9409	63.9409	63.9409
1945	88.2261	94.0062	101.117	63.8358	63.8358	63.8358
1946	88.3199	93.4499	101.214	63.7291	63.7291	63.7291
1947	88.4179	93.1764	101.121	63.622	63.622	63.622
1948	88.5282	93.0421	100.951	63.5154	63.5154	63.5154
1949	88.782	93.2897	101.552	63.41	63.41	63.41

1950	89.2096	93.8641	102.732	63.306	63.306	63.306
1951	89.4535	93.8576	102.737	63.2029	63.2029	63.2029
1952	89.3368	93.1487	101.506	63.0999	63.0999	63.0999
1953	89.0712	92.4039	100.343	62.9971	62.9971	62.9971
1954	88.9314	92.155	100.023	62.8953	62.8953	62.8953
1955	88.8601	91.9818	99.7843	62.7943	62.7943	62.7943
1956	88.8321	91.8731	99.6236	62.6943	62.6943	62.6943
1957	88.8487	91.8623	99.5955	62.5953	62.5953	62.5953
1958	88.8893	91.8771	99.5942	62.4973	62.4973	62.4973
1959	88.9427	91.9063	99.6083	62.4002	62.4002	62.4002
1960	88.8916	91.6409	99.1725	62.3038	62.3038	62.3038
1961	88.7055	91.1175	98.3783	62.2077	62.2077	62.2077
1962	88.4478	90.5441	97.5515	62.1122	62.1122	62.1122
1963	88.1487	89.9417	96.7056	62.0171	62.0171	62.0171
1964	87.8236	89.323	95.8513	61.9225	61.9225	61.9225
1965	87.5796	88.9956	95.4311	61.8286	61.8286	61.8286
1966	87.3936	88.7594	95.1255	61.7355	61.7355	61.7355
1967	87.2381	88.5552	94.8538	61.6432	61.6432	61.6432
1968	87.0985	88.368	94.6011	61.5517	61.5517	61.5517
1969	86.9666	88.19	94.3592	61.461	61.461	61.461
1970	86.8337	88.0044	94.0971	61.371	61.371	61.371
1971	86.6865	87.7831	93.7599	61.2818	61.2818	61.2818
1972	86.5301	87.5541	93.4174	61.1933	61.1933	61.1933
1973	86.3672	87.3202	93.0721	61.1054	61.1054	61.1054
1974	86.1995	87.0828	92.7257	61.0183	61.0183	61.0183
1975	86.0278	86.8428	92.379	60.9319	60.9319	60.9319
1976	85.8529	86.6012	92.0329	60.8461	60.8461	60.8461
1977	85.7108	86.4412	91.8578	60.7612	60.7612	60.7612
1978	85.5968	86.3232	91.7496	60.6771	60.6771	60.6771
1979	85.4984	86.2208	91.6569	60.5937	60.5937	60.5937
1980	85.4089	86.1274	91.573	60.5112	60.5112	60.5112
1981	85.3247	86.0392	91.4943	60.4295	60.4295	60.4295
1982	85.2437	85.9544	91.4187	60.3485	60.3485	60.3485
1983	85.1648	85.8718	91.3452	60.2683	60.2683	60.2683
1984	85.0871	85.7906	91.2712	60.1889	60.1889	60.1889
1985	85.0091	85.71	91.1921	60.1102	60.1102	60.1102
1986	84.9312	85.6297	91.1132	60.0323	60.0323	60.0323
1987	84.8536	85.5498	91.0348	59.9551	59.9551	59.9551
1988	84.7765	85.4705	90.9568	59.8787	59.8787	59.8787
1989	85.1656	97.4568	87.6691	65.4102	65.4102	86.0024
1990	85.3151	97.4664	87.7631	68.4359	68.4359	88.8517
1991	85.3726	97.1455	88.1026	70.0882	70.0882	89.99
1992	85.5943	96.9822	89.6123	70.9296	70.9296	89.973
1993	85.7951	96.9663	90.4849	71.3297	71.3297	89.4567
1994	86.3888	98.1252	93.0136	71.4942	71.4942	88.7079
1995	86.8241	98.4062	93.9922	71.5237	71.5237	87.8228
1996	86.885	97.7129	93.6715	71.4656	71.4656	86.8366
1997	86.8516	97.057	93.7879	71.3398	71.3398	85.7509
1998	87.1118	98.0039	94.6118	71.169	71.169	84.6239
1999	87.2085	97.9279	94.6937	70.9461	70.9461	83.3966
2000	87.253	97.683	95.1373	70.6833	70.6833	82.1294
2001	87.3888	97.7597	96.1196	70.3943	70.3943	80.861
2002	87.6267	98.3182	97.1573	70.0865	70.0865	79.6025
2003	87.8293	98.7569	97.9435	69.7304	69.7304	78.1874
2004	88.01	99.1173	98.768	69.347	69.347	76.7754
2005	87.6247	96.6543	97.1411	68.429	68.429	72.6443

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2006	86.629	92.7909	94.129	66.9853	66.9853	66.9853
2007	86.1496	93.6704	94.8543	66.2382	66.2382	66.2382
2008	84.1526	84.1526	84.1526	65.8458	65.8458	65.8458
2009	83.0384	83.0384	83.0384	65.6391	65.6391	65.6391
2010	82.4146	82.4146	82.4146	65.5282	65.5282	65.5282
2011	82.0633	82.0633	82.0633	65.4669	65.4669	65.4669
2012	81.8635	81.8635	81.8635	65.4311	65.4311	65.4311
2013	81.7479	81.7479	81.7479	65.4085	65.4085	65.4085
2014	81.679	81.679	81.679	65.3928	65.3928	65.3928
2015	81.636	81.636	81.636	65.3806	65.3806	65.3806
2016	81.6076	81.6076	81.6076	65.3702	65.3702	65.3702
2017	81.5871	81.5871	81.5871	65.3607	65.3607	65.3607
2018	81.5711	81.5711	81.5711	65.3518	65.3518	65.3518
2019	81.5576	81.5576	81.5576	65.343	65.343	65.343
2020	81.5454	81.5454	81.5454	65.3345	65.3345	65.3345
2021	81.5341	81.5341	81.5341	65.326	65.326	65.326
2022	81.5231	81.5231	81.5231	65.3175	65.3175	65.3175
2023	81.5124	81.5124	81.5124	65.3091	65.3091	65.3091
2024	81.5018	81.5018	81.5018	65.3007	65.3007	65.3007
2025	84.8112	100.785	101.903	65.3014	65.3014	65.3014
2026	86.7372	100.444	102.187	65.3022	65.3022	65.3022
2027	87.8851	99.1229	101.488	65.3029	65.3029	65.3029
2028	88.6125	98.5847	101.681	65.3036	65.3036	65.3036
2029	89.1101	98.2279	102.055	65.3042	65.3042	65.3042
2030	89.4453	97.8185	102.34	65.2705	65.2705	65.2705
2031	89.6661	97.3415	102.544	65.1928	65.1928	65.1928
2032	89.8359	96.903	102.714	65.0935	65.0935	65.0935
2033	89.984	96.4883	102.87	64.984	64.984	64.984
2034	90.1	95.9896	102.991	64.8699	64.8699	64.8699
2035	90.1837	95.4248	103.077	64.7541	64.7541	64.7541
2036	90.2648	95.0687	103.019	64.6379	64.6379	64.6379
2037	90.3593	94.9256	102.842	64.5222	64.5222	64.5222
2038	90.5396	95.0091	103.115	64.4075	64.4075	64.4075
2039	90.9044	95.5122	104.188	64.2944	64.2944	64.2944
2040	91.3118	95.9674	105.069	64.1827	64.1827	64.1827
2041	91.303	95.4003	104.009	64.0712	64.0712	64.0712
2042	91.0815	94.6763	102.842	63.9601	63.9601	63.9601
2043	90.854	94.1586	102.079	63.8497	63.8497	63.8497
2044	90.7334	93.9482	101.811	63.7403	63.7403	63.7403
2045	90.6714	93.8042	101.614	63.6319	63.6319	63.6319
2046	90.6416	93.6999	101.461	63.5245	63.5245	63.5245
2047	90.6472	93.6769	101.42	63.4181	63.4181	63.4181
2048	90.6747	93.6854	101.417	63.3128	63.3128	63.3128
2049	90.714	93.7068	101.427	63.2085	63.2085	63.2085
2050	90.7595	93.7351	101.444	63.1053	63.1053	63.1053
2051	90.8084	93.7673	101.466	63.003	63.003	63.003
2052	90.763	93.5403	101.094	62.9015	62.9015	62.9015
2053	90.6219	93.1504	100.505	62.8006	62.8006	62.8006
2054	90.426	92.7137	99.8748	62.7004	62.7004	62.7004
2055	90.1971	92.2514	99.2251	62.6007	62.6007	62.6007
2056	89.9476	91.7757	98.5679	62.5018	62.5018	62.5018
2057	89.6842	91.2935	97.91	62.4034	62.4034	62.4034
2058	89.4365	90.8858	97.3674	62.3057	62.3057	62.3057
2059	89.2539	90.6672	97.0991	62.2089	62.2089	62.2089
2060	89.1065	90.4851	96.8689	62.113	62.113	62.113
2061	88.978	90.3234	96.6613	62.0179	62.0179	62.0179

2062	88.8594	90.1724	96.4656	61.9237	61.9237	61.9237
2063	88.745	90.0258	96.2745	61.8303	61.8303	61.8303
2064	88.6324	89.8817	96.0867	61.7377	61.7377	61.7377
2065	88.5198	89.7379	95.8996	61.6459	61.6459	61.6459
2066	88.4059	89.5916	95.7079	61.555	61.555	61.555
2067	88.2797	89.4148	95.4519	61.4648	61.4648	61.4648
2068	88.1459	89.2312	95.1902	61.3754	61.3754	61.3754
2069	88.007	89.0432	94.9255	61.2868	61.2868	61.2868
2070	87.8643	88.8524	94.6594	61.1989	61.1989	61.1989
2071	87.7159	88.6524	94.3786	61.1117	61.1117	61.1117
2072	87.5586	88.4373	94.0731	61.0253	61.0253	61.0253
2073	87.3908	88.2055	93.7411	60.9396	60.9396	60.9396
2074	87.2111	87.9557	93.3817	60.8546	60.8546	60.8546
2075	87.0651	87.7945	93.2136	60.7703	60.7703	60.7703
2076	86.9455	87.6697	93.1016	60.6869	60.6869	60.6869
2077	86.8412	87.5596	93.0054	60.6043	60.6043	60.6043
2078	87.1609	99.262	89.6007	66.0553	66.0553	86.4174
2079	87.331	99.0729	90.1648	68.9206	68.9206	88.7548
2080	87.5942	98.9746	91.6358	70.3814	70.3814	89.3927
2081	87.8083	98.979	92.4993	71.1015	71.1015	89.2269
2082	88.3905	100.112	94.9697	71.433	71.433	88.6655
2083	88.8331	100.444	96.0227	71.5502	71.5502	87.8806
2084	88.8871	99.7418	95.6692	71.5378	71.5378	86.9447
2085	88.8299	99.0105	95.7455	71.4352	71.4352	85.8824
2086	89.0701	99.938	96.5493	71.2766	71.2766	84.7676
2087	89.1644	99.898	96.6553	71.0607	71.0607	83.5492
2088	89.1932	99.631	97.0453	70.8013	70.8013	82.2846
2089	89.3114	99.6703	98.0122	70.5139	70.5139	81.0161
2090	89.5349	100.216	99.0395	70.2077	70.2077	79.7611
2091	89.7253	100.644	99.8176	69.8532	69.8532	78.3497
2092	89.8932	100.994	100.626	69.4704	69.4704	76.9369
2093	89.5368	98.7301	99.1729	68.5917	68.5917	73.0114
2094	88.5137	94.6023	95.9487	67.1221	67.1221	67.1221
2095	88.0193	95.4894	96.679	66.3616	66.3616	66.3616
2096	86.0146	86.0146	86.0146	65.9624	65.9624	65.9624
2097	84.8958	84.8958	84.8958	65.7523	65.7523	65.7523
2098	84.2693	84.2693	84.2693	65.6397	65.6397	65.6397
2099	83.9163	83.9163	83.9163	65.5776	65.5776	65.5776
2100	83.7153	83.7153	83.7153	65.5415	65.5415	65.5415
2101	83.5988	83.5988	83.5988	65.5188	65.5188	65.5188
2102	83.5292	83.5292	83.5292	65.5031	65.5031	65.5031
2103	83.4857	83.4857	83.4857	65.491	65.491	65.491
2104	83.4566	83.4566	83.4566	65.4807	65.4807	65.4807
2105	83.4356	83.4356	83.4356	65.4714	65.4714	65.4714
2106	83.4191	83.4191	83.4191	65.4626	65.4626	65.4626
2107	83.4051	83.4051	83.4051	65.454	65.454	65.454
2108	83.3925	83.3925	83.3925	65.4456	65.4456	65.4456
2109	83.3806	83.3806	83.3806	65.4373	65.4373	65.4373
2110	83.3692	83.3692	83.3692	65.429	65.429	65.429
2111	83.358	83.358	83.358	65.4207	65.4207	65.4207
2112	83.3469	83.3469	83.3469	65.4124	65.4124	65.4124
2113	83.3359	83.3359	83.3359	65.4042	65.4042	65.4042
2114	83.325	83.325	83.325	65.3959	65.3959	65.3959
2115	83.3141	83.3141	83.3141	65.3877	65.3877	65.3877
2116	83.3032	83.3032	83.3032	65.3794	65.3794	65.3794
2117	83.2923	83.2923	83.2923	65.3712	65.3712	65.3712

2118	83.2814	83.2814	83.2814	65.363	65.363	65.363
2119	83.2705	83.2705	83.2705	65.3548	65.3548	65.3548
2120	83.2597	83.2597	83.2597	65.3465	65.3465	65.3465
2121	83.2488	83.2488	83.2488	65.3383	65.3383	65.3383
2122	83.2379	83.2379	83.2379	65.3301	65.3301	65.3301
2123	83.2271	83.2271	83.2271	65.3219	65.3219	65.3219
2124	83.2162	83.2162	83.2162	65.3137	65.3137	65.3137
2125	83.2053	83.2053	83.2053	65.3055	65.3055	65.3055
2126	83.1945	83.1945	83.1945	65.2974	65.2974	65.2974
2127	83.1836	83.1836	83.1836	65.2892	65.2892	65.2892
2128	83.1728	83.1728	83.1728	65.281	65.281	65.281
2129	83.1619	83.1619	83.1619	65.2729	65.2729	65.2729
2130	83.1511	83.1511	83.1511	65.2647	65.2647	65.2647
2131	83.1402	83.1402	83.1402	65.2565	65.2565	65.2565
2132	83.1294	83.1294	83.1294	65.2484	65.2484	65.2484
2133	83.1186	83.1186	83.1186	65.2402	65.2402	65.2402
2134	83.1077	83.1077	83.1077	65.2321	65.2321	65.2321
2135	83.0969	83.0969	83.0969	65.224	65.224	65.224
2136	83.0861	83.0861	83.0861	65.2158	65.2158	65.2158
2137	83.0753	83.0753	83.0753	65.2077	65.2077	65.2077
2138	83.0644	83.0644	83.0644	65.1996	65.1996	65.1996
2139	83.0536	83.0536	83.0536	65.1915	65.1915	65.1915
2140	83.0428	83.0428	83.0428	65.1834	65.1834	65.1834
2141	83.032	83.032	83.032	65.1753	65.1753	65.1753
2142	83.0212	83.0212	83.0212	65.1672	65.1672	65.1672
2143	83.0104	83.0104	83.0104	65.1591	65.1591	65.1591
2144	82.9996	82.9996	82.9996	65.151	65.151	65.151
2145	82.9888	82.9888	82.9888	65.1429	65.1429	65.1429
2146	82.978	82.978	82.978	65.1348	65.1348	65.1348
2147	82.9672	82.9672	82.9672	65.1268	65.1268	65.1268
2148	82.9564	82.9564	82.9564	65.1187	65.1187	65.1187
2149	82.9456	82.9456	82.9456	65.1106	65.1106	65.1106
2150	82.9348	82.9348	82.9348	65.1026	65.1026	65.1026
2151	82.924	82.924	82.924	65.0945	65.0945	65.0945
2152	82.9132	82.9132	82.9132	65.0865	65.0865	65.0865
2153	82.9024	82.9024	82.9024	65.0784	65.0784	65.0784
2154	82.8917	82.8917	82.8917	65.0704	65.0704	65.0704
2155	82.8809	82.8809	82.8809	65.0624	65.0624	65.0624
2156	82.8701	82.8701	82.8701	65.0543	65.0543	65.0543
2157	82.8594	82.8594	82.8594	65.0463	65.0463	65.0463
2158	82.8486	82.8486	82.8486	65.0383	65.0383	65.0383
2159	82.8378	82.8378	82.8378	65.0303	65.0303	65.0303
2160	82.8271	82.8271	82.8271	65.0223	65.0223	65.0223
2161	82.8163	82.8163	82.8163	65.0143	65.0143	65.0143
2162	82.8056	82.8056	82.8056	65.0063	65.0063	65.0063
2163	82.7948	82.7948	82.7948	64.9983	64.9983	64.9983
2164	82.7841	82.7841	82.7841	64.9903	64.9903	64.9903
2165	82.7733	82.7733	82.7733	64.9823	64.9823	64.9823
2166	82.7626	82.7626	82.7626	64.9743	64.9743	64.9743
2167	82.7518	82.7518	82.7518	64.9664	64.9664	64.9664
2168	82.7411	82.7411	82.7411	64.9584	64.9584	64.9584
2169	82.7304	82.7304	82.7304	64.9505	64.9505	64.9505
2170	82.7196	82.7196	82.7196	64.9425	64.9425	64.9425
2171	82.7089	82.7089	82.7089	64.9345	64.9345	64.9345
2172	82.6982	82.6982	82.6982	64.9266	64.9266	64.9266
2173	82.6875	82.6875	82.6875	64.9187	64.9187	64.9187

2174	82.6767	82.6767	82.6767	64.9107	64.9107	64.9107
2175	82.666	82.666	82.666	64.9028	64.9028	64.9028
2176	82.6553	82.6553	82.6553	64.8949	64.8949	64.8949
2177	82.6446	82.6446	82.6446	64.887	64.887	64.887
2178	82.6339	82.6339	82.6339	64.879	64.879	64.879
2179	82.6232	82.6232	82.6232	64.8711	64.8711	64.8711
2180	82.6125	82.6125	82.6125	64.8632	64.8632	64.8632
2181	82.6018	82.6018	82.6018	64.8553	64.8553	64.8553
2182	82.5911	82.5911	82.5911	64.8474	64.8474	64.8474
2183	82.5804	82.5804	82.5804	64.8395	64.8395	64.8395
2184	82.5697	82.5697	82.5697	64.8317	64.8317	64.8317
2185	82.559	82.559	82.559	64.8238	64.8238	64.8238
2186	82.5483	82.5483	82.5483	64.8159	64.8159	64.8159
2187	82.5376	82.5376	82.5376	64.808	64.808	64.808
2188	82.527	82.527	82.527	64.8002	64.8002	64.8002
2189	82.5163	82.5163	82.5163	64.7923	64.7923	64.7923
2190	82.5056	82.5056	82.5056	64.7844	64.7844	64.7844
2191	82.4949	82.4949	82.4949	64.7766	64.7766	64.7766
2192	82.4843	82.4843	82.4843	64.7687	64.7687	64.7687
2193	82.4736	82.4736	82.4736	64.7609	64.7609	64.7609
2194	82.4629	82.4629	82.4629	64.7531	64.7531	64.7531
2195	82.4523	82.4523	82.4523	64.7452	64.7452	64.7452
2196	82.4416	82.4416	82.4416	64.7374	64.7374	64.7374
2197	82.431	82.431	82.431	64.7296	64.7296	64.7296
2198	82.4203	82.4203	82.4203	64.7218	64.7218	64.7218
2199	82.4097	82.4097	82.4097	64.714	64.714	64.714
2200	82.399	82.399	82.399	64.7062	64.7062	64.7062
2201	82.3884	82.3884	82.3884	64.6984	64.6984	64.6984
2202	82.3777	82.3777	82.3777	64.6906	64.6906	64.6906
2203	82.3671	82.3671	82.3671	64.6828	64.6828	64.6828
2204	82.3565	82.3565	82.3565	64.675	64.675	64.675
2205	82.3458	82.3458	82.3458	64.6672	64.6672	64.6672
2206	82.3352	82.3352	82.3352	64.6594	64.6594	64.6594
2207	82.3246	82.3246	82.3246	64.6516	64.6516	64.6516
2208	82.3139	82.3139	82.3139	64.6439	64.6439	64.6439
2209	82.3033	82.3033	82.3033	64.6361	64.6361	64.6361
2210	82.2927	82.2927	82.2927	64.6284	64.6284	64.6284
2211	82.2821	82.2821	82.2821	64.6206	64.6206	64.6206
2212	82.2715	82.2715	82.2715	64.6129	64.6129	64.6129
2213	82.2609	82.2609	82.2609	64.6051	64.6051	64.6051
2214	82.2503	82.2503	82.2503	64.5974	64.5974	64.5974
2215	82.2397	82.2397	82.2397	64.5896	64.5896	64.5896
2216	82.2291	82.2291	82.2291	64.5819	64.5819	64.5819
2217	82.2185	82.2185	82.2185	64.5742	64.5742	64.5742
2218	82.2079	82.2079	82.2079	64.5665	64.5665	64.5665
2219	82.1973	82.1973	82.1973	64.5587	64.5587	64.5587
2220	82.1867	82.1867	82.1867	64.551	64.551	64.551
2221	82.1761	82.1761	82.1761	64.5433	64.5433	64.5433
2222	82.1655	82.1655	82.1655	64.5356	64.5356	64.5356
2223	82.1549	82.1549	82.1549	64.5279	64.5279	64.5279
2224	82.1443	82.1443	82.1443	64.5202	64.5202	64.5202
2225	82.1338	82.1338	82.1338	64.5126	64.5126	64.5126
2226	82.1232	82.1232	82.1232	64.5049	64.5049	64.5049
2227	82.1126	82.1126	82.1126	64.4972	64.4972	64.4972
2228	82.1021	82.1021	82.1021	64.4895	64.4895	64.4895
2229	82.0915	82.0915	82.0915	64.4819	64.4819	64.4819

2230	82.0809	82.0809	82.0809	64.4742	64.4742	64.4742
2231	82.0704	82.0704	82.0704	64.4665	64.4665	64.4665
2232	82.0598	82.0598	82.0598	64.4589	64.4589	64.4589
2233	82.0493	82.0493	82.0493	64.4512	64.4512	64.4512
2234	82.0387	82.0387	82.0387	64.4436	64.4436	64.4436
2235	82.0282	82.0282	82.0282	64.4359	64.4359	64.4359
2236	82.0176	82.0176	82.0176	64.4283	64.4283	64.4283
2237	82.0071	82.0071	82.0071	64.4207	64.4207	64.4207
2238	81.9965	81.9965	81.9965	64.4131	64.4131	64.4131
2239	81.986	81.986	81.986	64.4054	64.4054	64.4054
2240	81.9755	81.9755	81.9755	64.3978	64.3978	64.3978
2241	81.9649	81.9649	81.9649	64.3902	64.3902	64.3902
2242	81.9544	81.9544	81.9544	64.3826	64.3826	64.3826
2243	81.9439	81.9439	81.9439	64.375	64.375	64.375
2244	81.9333	81.9333	81.9333	64.3674	64.3674	64.3674
2245	81.9228	81.9228	81.9228	64.3598	64.3598	64.3598
2246	81.9123	81.9123	81.9123	64.3522	64.3522	64.3522
2247	81.9018	81.9018	81.9018	64.3446	64.3446	64.3446
2248	81.8913	81.8913	81.8913	64.3371	64.3371	64.3371
2249	81.8808	81.8808	81.8808	64.3295	64.3295	64.3295
2250	81.8703	81.8703	81.8703	64.3219	64.3219	64.3219
2251	81.8598	81.8598	81.8598	64.3143	64.3143	64.3143
2252	81.8492	81.8492	81.8492	64.3068	64.3068	64.3068
2253	81.8388	81.8388	81.8388	64.2992	64.2992	64.2992
2254	81.8283	81.8283	81.8283	64.2917	64.2917	64.2917
2255	81.8178	81.8178	81.8178	64.2841	64.2841	64.2841
2256	81.8073	81.8073	81.8073	64.2766	64.2766	64.2766
2257	81.7968	81.7968	81.7968	64.269	64.269	64.269
2258	81.7863	81.7863	81.7863	64.2615	64.2615	64.2615
2259	81.7758	81.7758	81.7758	64.254	64.254	64.254
2260	81.7653	81.7653	81.7653	64.2465	64.2465	64.2465
2261	81.7549	81.7549	81.7549	64.2389	64.2389	64.2389
2262	81.7444	81.7444	81.7444	64.2314	64.2314	64.2314
2263	81.7339	81.7339	81.7339	64.2239	64.2239	64.2239
2264	81.7234	81.7234	81.7234	64.2164	64.2164	64.2164
2265	81.713	81.713	81.713	64.2089	64.2089	64.2089
2266	81.7025	81.7025	81.7025	64.2014	64.2014	64.2014
2267	81.6921	81.6921	81.6921	64.1939	64.1939	64.1939
2268	81.6816	81.6816	81.6816	64.1864	64.1864	64.1864
2269	81.6711	81.6711	81.6711	64.1789	64.1789	64.1789
2270	81.6607	81.6607	81.6607	64.1715	64.1715	64.1715
2271	81.6502	81.6502	81.6502	64.164	64.164	64.164
2272	81.6398	81.6398	81.6398	64.1565	64.1565	64.1565
2273	81.6294	81.6294	81.6294	64.149	64.149	64.149
2274	81.6189	81.6189	81.6189	64.1416	64.1416	64.1416
2275	81.6085	81.6085	81.6085	64.1341	64.1341	64.1341
2276	84.9258	100.985	102.134	64.1349	64.1349	64.1349
2277	86.8493	100.641	102.362	64.1356	64.1356	64.1356
2278	87.996	99.3414	101.68	64.1362	64.1362	64.1362
2279	88.7214	98.7238	101.792	64.1368	64.1368	64.1368
2280	89.2185	98.3682	102.168	64.1375	64.1375	64.1375
2281	89.555	97.9595	102.456	64.1051	64.1051	64.1051
2282	89.7744	97.4758	102.653	64.0305	64.0305	64.0305
2283	89.9425	97.0306	102.82	63.9352	63.9352	63.9352
2284	90.0897	96.6165	102.977	63.8301	63.8301	63.8301
2285	90.2058	96.1197	103.096	63.7206	63.7206	63.7206

2286	90.2891	95.5528	103.183	63.6094	63.6094	63.6094
2287	90.3688	95.1775	103.129	63.4979	63.4979	63.4979
2288	90.4625	95.0267	102.943	63.3868	63.3868	63.3868
2289	90.6544	95.1317	103.269	63.2767	63.2767	63.2767
2290	91.04	95.6644	104.408	63.1681	63.1681	63.1681
2291	91.368	95.9002	104.893	63.0607	63.0607	63.0607
2292	91.2848	95.2065	103.661	62.9534	62.9534	62.9534
2293	90.9855	94.3439	102.301	62.8465	62.8465	62.8465
2294	90.816	94.0519	101.928	62.7405	62.7405	62.7405
2295	90.7205	93.8467	101.652	62.6355	62.6355	62.6355
2296	90.6727	93.7121	101.462	62.5315	62.5315	62.5315
2297	90.6731	93.6816	101.412	62.4284	62.4284	62.4284
2298	90.6996	93.6783	101.39	62.3264	62.3264	62.3264
2299	90.7064	93.5981	101.244	62.2253	62.2253	62.2253
2300	90.4865	92.9214	100.201	62.1246	62.1246	62.1246
2301	90.1276	92.101	99.0098	62.0243	62.0243	62.0243
2302	89.6773	91.184	97.7182	61.9243	61.9243	61.9243
2303	89.3324	90.7156	97.1056	61.8251	61.8251	61.8251
2304	89.0581	90.354	96.6234	61.7267	61.7267	61.7267
2305	88.8176	90.0246	96.1712	61.6291	61.6291	61.6291
2306	88.5621	89.628	95.5567	61.5322	61.5322	61.5322
2307	88.2843	89.1932	94.8764	61.4359	61.4359	61.4359
2308	87.9866	88.7351	94.1671	61.3404	61.3404	61.3404
2309	87.7761	88.5004	93.9318	61.2457	61.2457	61.2457
2310	87.6233	88.3376	93.7933	61.1519	61.1519	61.1519
2311	87.5026	88.2069	93.6866	61.059	61.059	61.059
2312	87.3954	88.0929	93.5771	60.967	60.967	60.967
2313	87.2959	87.9868	93.475	60.8759	60.8759	60.8759
2314	87.201	87.8855	93.3775	60.7857	60.7857	60.7857
2315	87.1045	87.7852	93.2623	60.6963	60.6963	60.6963
2316	87.0067	87.6841	93.1435	60.6078	60.6078	60.6078
2317	86.9085	87.5824	93.0245	60.5201	60.5201	60.5201
2318	85.8367	88.4172	87.5052	62.5487	62.5487	71.335
2319	85.1622	87.7585	86.8305	63.6612	63.6612	72.4794
2320	86.1719	98.2686	88.7637	67.7486	67.7486	88.2192
2321	86.6982	98.8943	89.2562	70.1197	70.1197	90.6626
2322	86.956	99.235	89.4745	71.6201	71.6201	92.2131
2323	87.0604	99.3716	89.5393	72.6643	72.6643	93.2553
2324	87.0399	99.0912	89.4717	73.3862	73.3862	93.695
2325	87.0367	98.7805	89.8641	73.8781	73.8781	93.7164
2326	87.1915	98.609	91.1142	74.1661	74.1661	93.2911
2327	87.3454	98.566	91.882	74.3147	74.3147	92.6507
2328	87.7321	99.2172	93.603	74.372	74.372	91.8973
2329	88.3451	100.266	95.7867	74.3632	74.3632	91.0586
2330	88.4722	99.6665	95.3238	74.2985	74.2985	90.1389
2331	88.4302	98.9296	95.2715	74.1769	74.1769	89.1086
2332	88.4968	98.9957	95.6739	74.0073	74.0073	88.0106
2333	88.7179	99.6621	96.2944	73.7934	73.7934	86.8455
2334	88.7095	99.2771	96.1329	73.5255	73.5255	85.5698
2335	88.7781	99.126	97.0069	73.2236	73.2236	84.2743
2336	88.9511	99.4493	98.003	72.8992	72.8992	82.9866
2337	89.1676	99.9534	98.9313	72.543	72.543	81.6361
2338	89.3537	100.364	99.7132	72.1436	72.1436	80.1839
2339	89.5197	100.691	100.543	71.7216	71.7216	78.7433
2340	88.6731	95.9522	96.9103	70.3508	70.3508	72.3806
2341	87.8488	94.5534	95.8299	69.1615	69.1615	69.1615

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2342	87.4648	95.5282	96.6505	68.5454	68.5454	68.5454
2343	85.5117	85.5117	85.5117	68.2211	68.2211	68.2211
2344	84.4217	84.4217	84.4217	68.0496	68.0496	68.0496
2345	83.8112	83.8112	83.8112	67.957	67.957	67.957
2346	83.4671	83.4671	83.4671	67.9052	67.9052	67.9052
2347	83.2712	83.2712	83.2712	67.8744	67.8744	67.8744
2348	83.1575	83.1575	83.1575	67.8545	67.8545	67.8545
2349	83.0895	83.0895	83.0895	67.8402	67.8402	67.8402
2350	83.0469	83.0469	83.0469	67.8288	67.8288	67.8288
2351	83.0185	83.0185	83.0185	67.8189	67.8189	67.8189
2352	82.9979	82.9979	82.9979	67.8097	67.8097	67.8097
2353	82.9816	82.9816	82.9816	67.801	67.801	67.801
2354	82.9678	82.9678	82.9678	67.7925	67.7925	67.7925
2355	82.9553	82.9553	82.9553	67.7841	67.7841	67.7841
2356	82.9436	82.9436	82.9436	67.7757	67.7757	67.7757
2357	82.9323	82.9323	82.9323	67.7674	67.7674	67.7674
2358	82.9212	82.9212	82.9212	67.7591	67.7591	67.7591
2359	82.9103	82.9103	82.9103	67.7508	67.7508	67.7508
2360	86.2185	101.288	102.686	67.7505	67.7505	67.7505
2361	88.1364	100.938	102.909	67.75	67.75	67.75
2362	89.2811	99.7663	102.423	67.7495	67.7495	67.7495
2363	90.0107	99.6417	103.03	67.7491	67.7491	67.7491
2364	90.4709	99.2634	103.375	67.7066	67.7066	67.7066
2365	90.7557	98.8502	103.644	67.6102	67.6102	67.6102
2366	90.946	98.3514	103.819	67.4874	67.4874	67.4874
2367	91.101	97.9433	103.982	67.3522	67.3522	67.3522
2368	91.2374	97.5171	104.126	67.2114	67.2114	67.2114
2369	91.3297	96.9614	104.223	67.0684	67.0684	67.0684
2370	91.3955	96.3754	104.29	66.925	66.925	66.925
2371	91.4756	96.1775	104.113	66.7822	66.7822	66.7822
2372	91.5662	96.0236	103.924	66.6404	66.6404	66.6404
2373	91.8518	96.3935	104.797	66.5001	66.5001	66.5001
2374	92.2893	96.9775	105.984	66.3617	66.3617	66.3617
2375	92.3989	96.654	105.402	66.2241	66.2241	66.2241
2376	92.1907	95.8449	104.063	66.0871	66.0871	66.0871
2377	91.9344	95.227	103.14	65.9511	65.9511	65.9511
2378	91.7871	94.9608	102.797	65.8162	65.8162	65.8162
2379	91.6981	94.757	102.519	65.6826	65.6826	65.6826
2380	91.6702	94.6865	102.421	65.5502	65.5502	65.5502
2381	91.6787	94.6611	102.375	65.4192	65.4192	65.4192
2382	91.6654	94.5427	102.177	65.2893	65.2893	65.2893
2383	91.3975	93.7553	100.973	65.1601	65.1601	65.1601
2384	90.98	92.8251	99.6309	65.0314	65.0314	65.0314
2385	90.5192	91.9578	98.4247	64.9035	64.9035	64.9035
2386	90.1789	91.5276	97.87	64.7766	64.7766	64.7766
2387	89.9023	91.1631	97.3841	64.6508	64.6508	64.6508
2388	89.6523	90.8167	96.8995	64.526	64.526	64.526
2389	89.3873	90.4089	96.2684	64.4022	64.4022	64.4022
2390	89.1109	89.9925	95.6329	64.2793	64.2793	64.2793
2391	88.8254	89.5697	94.995	64.1574	64.1574	64.1574
2392	88.6204	89.346	94.7743	64.0367	64.0367	64.0367
2393	88.4666	89.1836	94.6327	63.9171	63.9171	63.9171
2394	88.3412	89.0498	94.5192	63.7987	63.7987	63.7987
2395	88.23	88.9316	94.4133	63.6814	63.6814	63.6814
2396	88.1251	88.821	94.3061	63.5652	63.5652	63.5652
2397	88.0239	88.7144	94.2028	63.4501	63.4501	63.4501

2398	87.9253	88.6104	94.102	63.3361	63.3361	63.3361
2399	87.8252	88.5067	93.9879	63.2232	63.2232	63.2232
2400	87.7235	88.4021	93.8682	63.1114	63.1114	63.1114
2401	87.6211	88.2968	93.7481	63.0006	63.0006	63.0006
2402	87.3762	87.9808	92.9758	62.8905	62.8905	62.8905
2403	86.2509	87.8587	87.9999	64.2856	64.2856	70.7005
2404	85.5375	87.1453	87.2864	65.0235	65.0235	71.4384
2405	85.0482	86.656	86.7972	65.431	65.431	71.8459
2406	84.6812	86.289	86.4302	65.672	65.672	72.0869
2407	85.9603	98.0644	88.5497	69.8949	69.8949	90.3708
2408	86.6317	98.8452	89.1838	72.326	72.326	92.8816
2409	86.9642	99.2507	89.4734	73.8422	73.8422	94.4347
2410	87.0961	99.3437	89.5598	74.8609	74.8609	95.3799
2411	87.0766	98.995	89.4868	75.5356	75.5356	95.702
2412	87.1962	98.7632	90.6169	75.9138	75.9138	95.3657
2413	87.3793	98.6698	91.6995	76.095	76.095	94.7263
2414	87.6556	98.9464	92.9395	76.149	76.149	93.9173
2415	88.3565	100.351	95.764	76.1198	76.1198	93.0091
2416	88.5676	99.8886	95.522	76.0273	76.0273	92.0166
2417	88.5447	99.1287	95.3712	75.8759	75.8759	90.9226
2418	88.5854	99.023	95.7121	75.6767	75.6767	89.7655
2419	88.8252	99.7962	96.4126	75.4379	75.4379	88.5616
2420	88.8259	99.4172	96.259	75.1491	75.1491	87.2569
2421	88.8857	99.2466	97.0609	74.8296	74.8296	85.9419
2422	89.0491	99.5287	98.0511	74.4894	74.4894	84.6361
2423	89.2657	100.037	98.9932	74.1205	74.1205	83.2792
2424	89.4517	100.452	99.7701	73.7075	73.7075	81.8109
2425	89.6172	100.779	100.599	73.2727	73.2727	80.3575
2426	88.8397	96.3903	97.2753	71.9537	71.9537	74.3225
2427	87.9869	94.6073	95.8933	70.7113	70.7113	70.7113
2428	87.587	95.5662	96.6981	70.0677	70.0677	70.0677
2429	85.6264	85.6264	85.6264	69.7291	69.7291	69.7291
2430	84.5322	84.5322	84.5322	69.5501	69.5501	69.5501
2431	83.9194	83.9194	83.9194	69.4536	69.4536	69.4536
2432	83.5741	83.5741	83.5741	69.3995	69.3995	69.3995
2433	83.3774	83.3774	83.3774	69.3675	69.3675	69.3675
2434	83.2633	83.2633	83.2633	69.3468	69.3468	69.3468
2435	83.195	83.195	83.195	69.332	69.332	69.332
2436	83.1523	83.1523	83.1523	69.3201	69.3201	69.3201
2437	83.1238	83.1238	83.1238	69.3099	69.3099	69.3099
2438	83.1031	83.1031	83.1031	69.3005	69.3005	69.3005
2439	83.0868	83.0868	83.0868	69.2915	69.2915	69.2915
2440	83.0729	83.0729	83.0729	69.2827	69.2827	69.2827
2441	83.0604	83.0604	83.0604	69.274	69.274	69.274
2442	83.0487	83.0487	83.0487	69.2654	69.2654	69.2654
2443	83.0373	83.0373	83.0373	69.2568	69.2568	69.2568
2444	83.0262	83.0262	83.0262	69.2482	69.2482	69.2482
2445	83.0153	83.0153	83.0153	69.2397	69.2397	69.2397
2446	86.3185	101.528	102.846	69.2388	69.2388	69.2388
2447	88.2397	101.182	103.117	69.2378	69.2378	69.2378
2448	89.3853	99.9236	102.535	69.2368	69.2368	69.2368
2449	90.1145	99.7958	103.138	69.2358	69.2358	69.2358
2450	90.5768	99.4174	103.488	69.1891	69.1891	69.1891
2451	90.8608	98.9985	103.75	69.0839	69.0839	69.0839
2452	91.0492	98.4895	103.922	68.95	68.95	68.95
2453	91.2039	98.0844	104.088	68.8025	68.8025	68.8025

2454	91.3388	97.6536	104.228	68.6489	68.6489	68.6489
2455	91.4316	97.1017	104.323	68.4931	68.4931	68.4931
2456	91.4978	96.518	104.393	68.3368	68.3368	68.3368
2457	91.5759	96.293	104.231	68.1811	68.1811	68.1811
2458	91.665	96.1376	104.04	68.0265	68.0265	68.0265
2459	91.9355	96.4681	104.834	67.8735	67.8735	67.8735
2460	92.3638	97.0429	106.013	67.7224	67.7224	67.7224
2461	92.5024	96.7966	105.579	67.5724	67.5724	67.5724
2462	92.3073	95.9937	104.24	67.4231	67.4231	67.4231
2463	92.0427	95.34	103.256	67.2748	67.2748	67.2748
2464	91.8898	95.0648	102.902	67.1278	67.1278	67.1278
2465	91.7963	94.8518	102.612	66.9822	66.9822	66.9822
2466	91.7669	94.7804	102.514	66.838	66.838	66.838
2467	91.7747	94.7521	102.463	66.6952	66.6952	66.6952
2468	91.6956	94.4523	101.99	66.5535	66.5535	66.5535
2469	91.3594	93.5426	100.62	66.4125	66.4125	66.4125
2470	90.8664	92.4748	99.0906	66.2722	66.2722	66.2722
2471	90.4434	91.826	98.2154	66.1329	66.1329	66.1329
2472	90.111	91.3894	97.6346	65.9947	65.9947	65.9947
2473	89.8208	90.9887	97.0772	65.8577	65.8577	65.8577
2474	89.5178	90.5191	96.3467	65.7218	65.7218	65.7218
2475	89.2082	90.0521	95.6333	65.5869	65.5869	65.5869
2476	88.9229	89.6542	95.0688	65.4531	65.4531	65.4531
2477	88.7248	89.4472	94.8832	65.3206	65.3206	65.3206
2478	88.5743	89.2885	94.7442	65.1894	65.1894	65.1894
2479	88.4497	89.1564	94.6303	65.0594	65.0594	65.0594
2480	88.3375	89.0386	94.5206	64.9306	64.9306	64.9306
2481	88.231	88.9279	94.4124	64.8031	64.8031	64.8031
2482	88.5965	100.884	91.1046	70.2839	70.2839	90.8764
2483	88.7375	100.968	91.1983	73.2866	73.2866	93.7872
2484	88.7154	100.608	91.1213	74.9529	74.9529	95.0918
2485	88.8503	100.386	92.3769	75.8137	75.8137	95.1966
2486	89.0272	100.3	93.4019	76.2329	76.2329	94.7898
2487	89.3286	100.671	94.7686	76.4067	76.4067	94.1105
2488	90.0279	102.06	97.5436	76.4411	76.4411	93.2862
2489	90.2015	101.508	97.1442	76.3865	76.3865	92.3589
2490	90.1591	100.753	96.9847	76.2609	76.2609	91.3195
2491	90.1737	100.588	97.2816	76.0789	76.0789	90.1996
2492	90.4096	101.398	98.0041	75.8518	75.8518	89.0224
2493	90.4042	101.015	97.8452	75.5696	75.5696	87.7294
2494	90.4445	100.816	98.5755	75.2519	75.2519	86.4152
2495	90.5886	101.05	99.5494	74.9109	74.9109	85.1057
2496	90.7943	101.553	100.492	74.542	74.542	83.755
2497	90.9697	101.962	101.254	74.1272	74.1272	82.283
2498	91.1244	102.278	102.072	73.6908	73.6908	80.8278
2499	90.3936	98.1692	98.9936	72.4232	72.4232	75.0729
2500	89.5094	96.06	97.354	71.1432	71.1432	71.1432
2501	89.0918	97.0013	98.141	70.4801	70.4801	70.4801
2502	87.1224	87.1224	87.1224	70.1315	70.1315	70.1315
2503	86.0231	86.0231	86.0231	69.9473	69.9473	69.9473
2504	85.4072	85.4072	85.4072	69.8481	69.8481	69.8481
2505	85.0601	85.0601	85.0601	69.7927	69.7927	69.7927
2506	84.8622	84.8622	84.8622	69.7599	69.7599	69.7599
2507	84.7472	84.7472	84.7472	69.7388	69.7388	69.7388
2508	84.6783	84.6783	84.6783	69.7238	69.7238	69.7238
2509	84.6351	84.6351	84.6351	69.7119	69.7119	69.7119

2510	84.6061	84.6061	84.6061	69.7016	69.7016	69.7016
2511	84.585	84.585	84.585	69.6922	69.6922	69.6922
2512	84.5683	84.5683	84.5683	69.6831	69.6831	69.6831
2513	84.554	84.554	84.554	69.6744	69.6744	69.6744
2514	84.5411	84.5411	84.5411	69.6657	69.6657	69.6657
2515	84.5289	84.5289	84.5289	69.6571	69.6571	69.6571
2516	84.5172	84.5172	84.5172	69.6485	69.6485	69.6485
2517	84.5057	84.5057	84.5057	69.6399	69.6399	69.6399
2518	84.4943	84.4943	84.4943	69.6314	69.6314	69.6314
2519	87.8044	103.131	104.464	69.6302	69.6302	69.6302
2520	89.7232	102.782	104.688	69.629	69.629	69.629
2521	90.8667	101.449	104.023	69.6278	69.6278	69.6278
2522	91.5945	101.32	104.624	69.6266	69.6266	69.6266
2523	92.0532	100.93	104.965	69.5789	69.5789	69.5789
2524	92.3323	100.511	105.228	69.4715	69.4715	69.4715
2525	92.5114	99.9873	105.385	69.3349	69.3349	69.3349
2526	92.6544	99.5605	105.535	69.1845	69.1845	69.1845
2527	92.7793	99.1231	105.668	69.028	69.028	69.028
2528	92.864	98.5691	105.757	68.8691	68.8691	68.8691
2529	92.9209	97.9744	105.815	68.7098	68.7098	68.7098
2530	92.9876	97.7172	105.657	68.551	68.551	68.551
2531	93.066	97.5511	105.456	68.3933	68.3933	68.3933
2532	93.3144	97.8394	106.174	68.2373	68.2373	68.2373
2533	93.7256	98.3973	107.336	68.0832	68.0832	68.0832
2534	93.8805	98.2098	107.023	67.9302	67.9302	67.9302
2535	93.7067	97.4589	105.764	67.7781	67.7781	67.7781
2536	93.4233	96.747	104.68	67.6269	67.6269	67.6269
2537	93.2601	96.4769	104.341	67.4771	67.4771	67.4771
2538	93.1619	96.2777	104.076	67.3286	67.3286	67.3286
2539	93.1071	96.146	103.895	67.1816	67.1816	67.1816
2540	93.0953	96.1061	103.838	67.036	67.036	67.036
2541	93.1069	96.09	103.804	66.8918	66.8918	66.8918
2542	93.1312	96.0874	103.785	66.749	66.749	66.749
2543	92.9573	95.5334	102.926	66.6072	66.6072	66.6072
2544	92.6517	94.8263	101.897	66.4662	66.4662	66.4662
2545	92.2692	94.0538	100.811	66.3261	66.3261	66.3261
2546	91.8613	93.311	99.7933	66.187	66.187	66.187
2547	91.5611	92.9423	99.3298	66.0491	66.0491	66.0491
2548	89.9743	90.8761	92.6134	65.9094	65.9094	65.9094
2549	88.9961	89.9433	91.5755	65.771	65.771	65.771
2550	88.3491	89.3371	90.8751	65.6339	65.6339	65.6339
2551	87.9011	88.848	90.4809	65.4981	65.4981	65.4981
2552	87.5455	88.5238	90.0841	65.3635	65.3635	65.3635
2553	87.1886	88.1145	89.5057	65.2301	65.2301	65.2301
2554	86.9096	87.867	89.3054	65.098	65.098	65.098
2555	86.2355	86.5997	87.147	64.9661	64.9661	64.9661
2556	85.7425	86.1068	86.654	64.8355	64.8355	64.8355
2557	85.3487	85.713	86.2602	64.7061	64.7061	64.7061
2558	85.0096	85.3739	85.9211	64.578	64.578	64.578
2559	84.7011	85.0653	85.6126	64.4509	64.4509	64.4509
2560	84.4101	84.7743	85.3216	64.3251	64.3251	64.3251
2561	84.3029	84.9136	85.8312	64.2008	64.2008	64.2008
2562	84.3506	85.2717	86.6556	64.0782	64.0782	64.0782
2563	84.3388	85.3176	86.8768	63.9568	63.9568	63.9568
2564	83.9759	84.615	85.5753	63.836	63.836	63.836
2565	83.7695	84.5502	85.7233	63.7165	63.7165	63.7165

2566	83.6542	84.5765	85.9624	63.5983	63.5983	63.5983
2567	83.5522	84.548	86.068	63.4814	63.4814	63.4814
2568	84.7851	86.1213	92.4464	63.3686	63.3686	63.3686
2569	85.7152	96.9728	90.137	68.194	68.194	86.6865
2570	86.4902	97.9137	92.1735	70.5861	70.5861	88.1892
2571	87.3645	99.2927	94.8136	71.7382	71.7382	88.4445
2572	87.6211	98.7797	94.4437	72.2483	72.2483	88.0466
2573	87.6524	98.0869	94.5046	72.4088	72.4088	87.2537
2574	87.8025	98.3847	95.048	72.3789	72.3789	86.2659
2575	88.019	98.91	95.5739	72.233	72.233	85.1424
2576	88.0284	98.5552	95.522	72.0029	72.0029	83.8986
2577	88.1215	98.4381	96.479	71.7253	71.7253	82.6282
2578	88.3208	98.8683	97.4923	71.4203	71.4203	81.3669
2579	88.5399	99.3608	98.3905	71.075	71.075	80.0104
2580	88.7289	99.7632	99.1872	70.6883	70.6883	78.5769
2581	88.8529	99.8632	99.8167	70.2351	70.2351	76.9232
2582	87.8618	94.4879	95.6218	68.739	68.739	69.9537
2583	87.1183	94.0252	95.2788	67.6723	67.6723	67.6723
2584	86.7794	95.0452	96.1445	67.1198	67.1198	67.1198
2585	84.8481	84.8481	84.8481	66.8288	66.8288	66.8288
2586	83.7702	83.7702	83.7702	66.6749	66.6749	66.6749
2587	83.1665	83.1665	83.1665	66.5917	66.5917	66.5917
2588	82.8264	82.8264	82.8264	66.5451	66.5451	66.5451
2589	82.6327	82.6327	82.6327	66.5173	66.5173	66.5173
2590	82.5203	82.5203	82.5203	66.4993	66.4993	66.4993
2591	82.4531	82.4531	82.4531	66.4863	66.4863	66.4863
2592	82.4111	82.4111	82.4111	66.476	66.476	66.476
2593	82.383	82.383	82.383	66.4669	66.4669	66.4669
2594	82.3626	82.3626	82.3626	66.4586	66.4586	66.4586
2595	82.3466	82.3466	82.3466	66.4506	66.4506	66.4506
2596	82.333	82.333	82.333	66.4428	66.4428	66.4428
2597	82.3207	82.3207	82.3207	66.4351	66.4351	66.4351
2598	82.3092	82.3092	82.3092	66.4275	66.4275	66.4275
2599	82.298	82.298	82.298	66.4199	66.4199	66.4199
2600	82.2871	82.2871	82.2871	66.4123	66.4123	66.4123
2601	82.2763	82.2763	82.2763	66.4047	66.4047	66.4047
2602	85.5817	100.313	101.797	66.4043	66.4043	66.4043
2603	87.4981	99.9621	102.018	66.4038	66.4038	66.4038
2604	88.644	99.0015	101.767	66.4033	66.4033	66.4033
2605	89.3733	98.8739	102.37	66.4028	66.4028	66.4028
2606	89.8357	98.5242	102.737	66.3641	66.3641	66.3641
2607	90.1237	98.1143	103.009	66.2764	66.2764	66.2764
2608	90.3204	97.6405	103.195	66.1646	66.1646	66.1646
2609	90.4812	97.2339	103.364	66.0415	66.0415	66.0415
2610	90.6172	96.7849	103.507	65.9133	65.9133	65.9133
2611	90.7105	96.2163	103.604	65.7832	65.7832	65.7832
2612	90.783	95.6859	103.649	65.6527	65.6527	65.6527
2613	90.8702	95.5284	103.456	65.5227	65.5227	65.5227
2614	90.971	95.3919	103.298	65.3936	65.3936	65.3936
2615	91.3033	95.8729	104.391	65.2661	65.2661	65.2661
2616	91.7724	96.4891	105.616	65.1402	65.1402	65.1402
2617	91.7854	95.9051	104.534	65.0148	65.0148	65.0148
2618	91.5234	95.0431	103.143	64.89	64.89	64.89
2619	91.2993	94.5624	102.456	64.7661	64.7661	64.7661
2620	91.1701	94.3111	102.126	64.6433	64.6433	64.6433
2621	91.099	94.1387	101.888	64.5217	64.5217	64.5217

2622	91.0862	94.0902	101.817	64.4012	64.4012	64.4012
2623	91.1051	94.074	101.779	64.2819	64.2819	64.2819
2624	90.9749	93.6226	101.073	64.1635	64.1635	64.1635
2625	90.6348	92.7554	99.7824	64.0456	64.0456	64.0456
2626	90.1745	91.785	98.4025	63.9282	63.9282	63.9282
2627	89.7815	91.1796	97.5904	63.8117	63.8117	63.8117
2628	88.3659	90.2829	91.5842	64.9905	64.9905	70.5679
2629	87.5096	89.4266	90.7279	65.6039	65.6039	71.1812
2630	86.9573	88.8742	90.1755	65.9329	65.9329	71.5103
2631	86.5704	88.4873	89.7886	66.1189	66.1189	71.6963
2632	86.2739	88.1908	89.4922	66.2329	66.2329	71.8102
2633	86.0271	87.944	89.2453	66.3104	66.3104	71.8878
2634	85.8078	87.7247	89.026	66.3695	66.3695	71.9469
2635	85.604	87.5209	88.8222	66.4191	66.4191	71.9965
2636	85.4093	87.3262	88.6275	66.4637	66.4637	72.0411
2637	85.2201	87.137	88.4383	66.5057	66.5057	72.083
2638	85.0422	87.0854	88.245	66.6399	66.6399	72.5954
2639	84.8654	86.9367	88.0648	66.7531	66.7531	72.7925
2640	84.6856	86.7143	87.8902	66.8041	66.8041	72.7162
2641	84.5032	86.4654	87.7159	66.8041	66.8041	72.5169
2642	84.3198	86.2154	87.5406	66.775	66.775	72.2886
2643	85.2632	86.5842	92.8884	65.4991	65.4991	65.4991
2644	85.6973	86.9368	93.1282	64.7986	64.7986	64.7986
2645	85.8445	86.9879	93.038	64.3875	64.3875	64.3875
2646	85.8177	86.8377	92.6947	64.1224	64.1224	64.1224
2647	85.6966	86.5996	92.2735	63.931	63.931	63.931
2648	85.5244	86.3167	91.8174	63.7772	63.7772	63.7772
2649	85.3576	86.0882	91.5046	63.6428	63.6428	63.6428
2650	85.2336	85.9573	91.3902	63.5187	63.5187	63.5187
2651	85.1332	85.8503	91.2993	63.4004	63.4004	63.4004
2652	85.0462	85.7566	91.2215	63.2854	63.2854	63.2854
2653	84.9667	85.6707	91.151	63.1727	63.1727	63.1727
2654	84.8889	85.5886	91.0715	63.0617	63.0617	63.0617
2655	84.8125	85.5078	90.9933	62.952	62.952	62.952
2656	84.7371	85.4282	90.9162	62.8435	62.8435	62.8435
2657	84.6625	85.3495	90.84	62.7361	62.7361	62.7361
2658	84.5881	85.2713	90.7616	62.6298	62.6298	62.6298
2659	84.5114	85.1924	90.6712	62.5245	62.5245	62.5245
2660	84.9194	97.1196	87.4761	68.0121	68.0121	88.558
2661	85.1154	97.4012	87.6255	71.0729	71.0729	91.6655
2662	85.1762	97.4093	87.6375	72.8687	72.8687	93.3721
2663	85.1201	97.0041	87.5247	73.9327	73.9327	94.0624
2664	85.2563	96.7808	88.8197	74.494	74.494	93.8529
2665	83.7698	84.8001	86.202	69.8173	69.8173	69.8173
2666	82.9157	83.7296	85.6054	67.4029	67.4029	67.4029
2667	82.3816	83.1708	85.1466	66.1256	66.1256	66.1256
2668	82.0231	82.7887	84.8645	65.4201	65.4201	65.4201
2669	81.7648	82.5162	84.6921	65.0026	65.0026	65.0026
2670	81.6337	82.3533	84.9358	64.7304	64.7304	64.7304
2671	81.4955	82.2146	84.8337	64.5318	64.5318	64.5318
2672	81.3545	82.0732	84.7288	64.3707	64.3707	64.3707
2673	81.2131	81.9312	84.6235	64.2291	64.2291	64.2291
2674	81.0283	81.7483	84.3033	64.0976	64.0976	64.0976
2675	80.8535	81.5735	84.1285	63.972	63.972	63.972
2676	80.6847	81.4046	83.9597	63.8498	63.8498	63.8498
2677	80.5196	81.2395	83.7946	63.7299	63.7299	63.7299

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2678	80.3571	81.077	83.6321	63.6116	63.6116	63.6116
2679	80.1965	80.9164	83.4714	63.4948	63.4948	63.4948
2680	80.0374	80.7573	83.3124	63.3792	63.3792	63.3792
2681	79.8797	80.5997	83.1547	63.2647	63.2647	63.2647
2682	79.7233	80.4432	82.9983	63.1514	63.1514	63.1514
2683	79.5681	80.288	82.843	63.0391	63.0391	63.0391
2684	79.414	80.1339	82.689	62.9279	62.9279	62.9279
2685	79.261	79.981	82.536	62.8177	62.8177	62.8177
2686	79.1092	79.8291	82.3842	62.7086	62.7086	62.7086
2687	78.9584	79.6784	82.2334	62.6005	62.6005	62.6005
2688	78.8059	79.526	82.0696	62.4934	62.4934	62.4934
2689	78.636	79.3584	81.8222	62.3872	62.3872	62.3872
2690	78.4583	79.187	81.5717	62.282	62.282	62.282
2691	79.8058	91.1333	84.0111	67.2105	67.2105	85.9985
2692	80.6526	91.8211	85.5685	69.6698	69.6698	87.5904
2693	81.7109	93.6275	88.8778	70.8553	70.8553	87.8447
2694	82.2129	93.589	89.2137	71.3838	71.3838	87.4404
2695	82.3563	92.9797	89.177	71.5597	71.5597	86.6571
2696	82.4914	92.9035	89.5972	71.5401	71.5401	85.6644
2697	82.8155	93.7971	90.4072	71.4087	71.4087	84.5606
2698	82.8811	93.4815	90.3179	71.1919	71.1919	83.3239
2699	82.9904	93.3547	91.1459	70.9269	70.9269	82.0615
2700	83.1981	93.6701	92.1812	70.6325	70.6325	80.8014
2701	83.4599	94.2255	93.1737	70.3056	70.3056	79.4891
2702	83.6895	94.686	93.9924	69.9316	69.9316	78.0589
2703	83.8975	95.0554	94.8637	69.5346	69.5346	76.6432
2704	83.1879	90.8412	91.6985	68.2768	68.2768	70.7739
2705	82.3561	88.9447	90.2343	67.0451	67.0451	67.0451
2706	81.9686	89.9159	91.0514	66.4074	66.4074	66.4074
2707	80.016	80.016	80.016	66.0727	66.0727	66.0727
2708	78.927	78.927	78.927	65.8964	65.8964	65.8964
2709	78.3176	78.3176	78.3176	65.8019	65.8019	65.8019
2710	77.9749	77.9749	77.9749	65.7496	65.7496	65.7496
2711	77.7803	77.7803	77.7803	65.7191	65.7191	65.7191
2712	77.668	77.668	77.668	65.6998	65.6998	65.6998
2713	77.6015	77.6015	77.6015	65.6864	65.6864	65.6864
2714	77.5603	77.5603	77.5603	65.6759	65.6759	65.6759
2715	77.5333	77.5333	77.5333	65.6671	65.6671	65.6671
2716	77.5141	77.5141	77.5141	65.659	65.659	65.659
2717	77.4993	77.4993	77.4993	65.6513	65.6513	65.6513
2718	77.4869	77.4869	77.4869	65.6439	65.6439	65.6439
2719	77.4759	77.4759	77.4759	65.6366	65.6366	65.6366
2720	77.4656	77.4656	77.4656	65.6293	65.6293	65.6293
2721	77.4558	77.4558	77.4558	65.622	65.622	65.622
2722	77.4461	77.4461	77.4461	65.6148	65.6148	65.6148
2723	77.4366	77.4366	77.4366	65.6076	65.6076	65.6076
2724	80.748	96.011	97.3604	65.6073	65.6073	65.6073
2725	82.6684	95.6637	97.5856	65.6069	65.6069	65.6069
2726	83.8139	94.3723	96.9664	65.6064	65.6064	65.6064
2727	84.5436	94.245	97.5699	65.606	65.606	65.606
2728	85.0166	93.8736	97.928	65.5694	65.5694	65.5694
2729	85.3248	93.4788	98.2139	65.4862	65.4862	65.4862
2730	85.5443	93.0008	98.4175	65.3804	65.3804	65.3804
2731	85.7325	92.6229	98.613	65.2638	65.2638	65.2638
2732	85.9044	92.2321	98.7927	65.1424	65.1424	65.1424
2733	86.0358	91.7212	98.9275	65.0192	65.0192	65.0192

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2734	86.1416	91.1804	99.0385	64.8956	64.8956	64.8956
2735	86.257	90.9798	98.9188	64.7725	64.7725	64.7725
2736	86.3837	90.8621	98.7656	64.6502	64.6502	64.6502
2737	86.6866	91.2157	99.567	64.5293	64.5293	64.5293
2738	87.1493	91.825	100.781	64.4099	64.4099	64.4099
2739	87.3383	91.6504	100.449	64.2914	64.2914	64.2914
2740	87.1951	90.9133	99.188	64.1734	64.1734	64.1734
2741	86.9627	90.2722	98.1959	64.0561	64.0561	64.0561
2742	86.846	90.0407	97.8902	63.9398	63.9398	63.9398
2743	86.7914	89.8763	97.6549	63.8246	63.8246	63.8246
2744	86.7904	89.8167	97.558	63.7105	63.7105	63.7105
2745	86.8291	89.8238	97.5453	63.5976	63.5976	63.5976
2746	86.8891	89.8532	97.5554	63.4857	63.4857	63.4857
2747	86.7907	89.4318	96.8766	63.3746	63.3746	63.3746
2748	86.5143	88.6903	95.7617	63.264	63.264	63.264
2749	86.1333	87.8547	94.5612	63.154	63.154	63.154
2750	85.7618	87.1889	93.6399	63.0448	63.0448	63.0448
2751	85.4928	86.8412	93.1831	62.9364	62.9364	62.9364
2752	85.2781	86.5497	92.7855	62.829	62.829	62.829
2753	85.0913	86.2883	92.421	62.7225	62.7225	62.7225
2754	84.8926	85.9717	91.9211	62.6168	62.6168	62.6168
2755	84.6821	85.641	91.4022	62.512	62.512	62.512
2756	84.4628	85.3038	90.8806	62.408	62.408	62.408
2757	84.2419	84.975	90.3851	62.3049	62.3049	62.3049
2758	84.0927	84.8185	90.2463	62.2028	62.2028	62.2028
2759	83.9828	84.7014	90.1466	62.1016	62.1016	62.1016
2760	83.8947	84.6063	90.0686	62.0014	62.0014	62.0014
2761	83.8189	84.5235	90.0025	61.9022	61.9022	61.9022
2762	83.7472	84.447	89.9298	61.8039	61.8039	61.8039
2763	83.6779	84.3731	89.8587	61.7065	61.7065	61.7065
2764	83.6102	84.3008	89.7892	61.6101	61.6101	61.6101
2765	83.5437	84.2299	89.7209	61.5146	61.5146	61.5146
2766	83.4766	84.1592	89.6466	61.42	61.42	61.42
2767	83.4073	84.0876	89.5626	61.3263	61.3263	61.3263
2768	83.3371	84.015	89.4779	61.2334	61.2334	61.2334
2769	83.2664	83.9421	89.393	61.1415	61.1415	61.1415
2770	83.1958	83.8692	89.3085	61.0504	61.0504	61.0504
2771	81.8913	82.5221	83.4193	60.9577	60.9577	60.9577
2772	81.1003	81.6947	82.6954	60.8658	60.8658	60.8658
2773	80.5863	81.1402	82.2402	60.7749	60.7749	60.7749
2774	80.2267	80.7499	81.9456	60.6848	60.6848	60.6848
2775	79.9525	80.447	81.7378	60.5955	60.5955	60.5955
2776	79.7196	80.2018	81.5391	60.5071	60.5071	60.5071
2777	79.5026	79.9847	81.3221	60.4195	60.4195	60.4195
2778	79.317	79.7738	81.2324	60.3328	60.3328	60.3328
2779	79.1425	79.5842	81.1195	60.2469	60.2469	60.2469
2780	80.5951	92.7105	83.1806	65.7361	65.7361	86.2203
2781	81.3763	93.6165	83.9193	68.8212	68.8212	89.3962
2782	81.7801	94.0777	84.2756	70.6736	70.6736	91.2654
2783	81.945	94.0626	84.3875	71.8302	71.8302	92.21
2784	82.0365	93.7952	84.8139	72.5356	72.5356	92.4065
2785	82.2797	93.6693	86.2926	72.9034	72.9034	91.9538
2786	82.5003	93.6803	87.1628	73.0662	73.0662	91.2304
2787	83.0824	94.7722	89.5668	73.1091	73.1091	90.3808
2788	83.5761	95.2183	90.793	73.0729	73.0729	89.4425
2789	83.6698	94.556	90.4467	72.9759	72.9759	88.4249

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2790	83.6396	93.8071	90.5357	72.8225	72.8225	87.3113
2791	83.9064	94.7442	91.3609	72.6302	72.6302	86.1631
2792	84.0498	94.8	91.5474	72.3901	72.3901	84.9231
2793	84.1123	94.5611	91.9259	72.1104	72.1104	83.6382
2794	84.2622	94.6058	92.9281	71.8037	71.8037	82.3469
2795	84.5191	95.186	93.9884	71.4801	71.4801	81.0751
2796	84.748	95.6563	94.8147	71.1101	71.1101	79.6531
2797	84.9532	96.0473	95.6573	70.7109	70.7109	78.2221
2798	84.6824	94.0681	94.459	69.862	69.862	74.5219
2799	83.6663	89.6556	91.0133	68.3503	68.3503	68.3503
2800	83.177	90.5874	91.7838	67.5679	67.5679	67.5679
2801	81.1766	81.1766	81.1766	67.1585	67.1585	67.1585
2802	80.0608	80.0608	80.0608	66.9436	66.9436	66.9436
2803	79.4365	79.4365	79.4365	66.829	66.829	66.829
2804	79.0854	79.0854	79.0854	66.7663	66.7663	66.7663
2805	78.8859	78.8859	78.8859	66.7303	66.7303	66.7303
2806	78.7708	78.7708	78.7708	66.7082	66.7082	66.7082
2807	78.7026	78.7026	78.7026	66.6932	66.6932	66.6932
2808	78.6604	78.6604	78.6604	66.6819	66.6819	66.6819
2809	78.6326	78.6326	78.6326	66.6725	66.6725	66.6725
2810	78.6129	78.6129	78.6129	66.6641	66.6641	66.6641
2811	78.5977	78.5977	78.5977	66.6561	66.6561	66.6561
2812	78.585	78.585	78.585	66.6485	66.6485	66.6485
2813	78.5736	78.5736	78.5736	66.641	66.641	66.641
2814	78.563	78.563	78.563	66.6336	66.6336	66.6336
2815	78.5529	78.5529	78.5529	66.6262	66.6262	66.6262
2816	78.5429	78.5429	78.5429	66.6188	66.6188	66.6188
2817	78.5331	78.5331	78.5331	66.6114	66.6114	66.6114
2818	81.8446	98.0029	99.0726	66.6107	66.6107	66.6107
2819	83.7725	97.6639	99.3595	66.6099	66.6099	66.6099
2820	84.9222	96.3939	98.7003	66.6091	66.6091	66.6091
2821	85.6489	95.6888	98.725	66.6083	66.6083	66.6083
2822	86.1469	95.3342	99.102	66.6075	66.6075	66.6075
2823	86.488	94.9178	99.3835	66.568	66.568	66.568
2824	86.7216	94.4536	99.601	66.4789	66.4789	66.4789
2825	86.9066	94.0194	99.7839	66.3656	66.3656	66.3656
2826	87.073	93.6245	99.9597	66.2407	66.2407	66.2407
2827	87.2107	93.1531	100.101	66.1107	66.1107	66.1107
2828	87.3164	92.6113	100.212	65.9788	65.9788	65.9788
2829	87.4158	92.2353	100.188	65.8465	65.8465	65.8465
2830	87.5299	92.1048	100.022	65.7147	65.7147	65.7147
2831	87.7325	92.2032	100.314	65.584	65.584	65.584
2832	88.1329	92.7508	101.468	65.4547	65.4547	65.4547
2833	88.5029	93.063	102.08	65.3269	65.3269	65.3269
2834	88.4514	92.3989	100.876	65.1995	65.1995	65.1995
2835	88.1783	91.5605	99.539	65.0728	65.0728	65.0728
2836	88.0217	91.2626	99.142	64.9472	64.9472	64.9472
2837	87.9424	91.0732	98.8816	64.8228	64.8228	64.8228
2838	87.911	90.9518	98.7022	64.6995	64.6995	64.6995
2839	87.9294	90.9392	98.6701	64.5774	64.5774	64.5774
2840	87.9747	90.9546	98.6668	64.4565	64.4565	64.4565
2841	88.0115	90.9235	98.5857	64.3367	64.3367	64.3367
2842	87.8245	90.2932	97.5996	64.2176	64.2176	64.2176
2843	87.5106	89.5503	96.5123	64.0992	64.0992	64.0992
2844	87.1227	88.7472	95.3759	63.9815	63.9815	63.9815
2845	86.7856	88.203	94.6403	63.8647	63.8647	63.8647

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2846	86.5372	87.8837	94.2231	63.749	63.749	63.749
2847	86.3356	87.6132	93.8573	63.6342	63.6342	63.6342
2848	86.1578	87.3677	93.5183	63.5204	63.5204	63.5204
2849	85.9715	87.0808	93.0775	63.4076	63.4076	63.4076
2850	85.7684	86.7622	92.5781	63.2956	63.2956	63.2956
2851	85.5516	86.4285	92.0616	63.1846	63.1846	63.1846
2852	85.3225	86.0812	91.5294	63.0745	63.0745	63.0745
2853	85.1487	85.8763	91.2999	62.9655	62.9655	62.9655
2854	85.0226	85.7423	91.1848	62.8574	62.8574	62.8574
2855	84.9229	85.6347	91.0964	62.7504	62.7504	62.7504
2856	84.8381	85.542	91.0223	62.6444	62.6444	62.6444
2857	84.7584	85.4568	90.9404	62.5395	62.5395	62.5395
2858	84.6818	85.3749	90.8617	62.4355	62.4355	62.4355
2859	84.6072	85.2951	90.785	62.3325	62.3325	62.3325
2860	84.5334	85.2166	90.7069	62.2305	62.2305	62.2305
2861	84.4569	85.1376	90.6145	62.1295	62.1295	62.1295
2862	84.3793	85.0576	90.5221	62.0294	62.0294	62.0294
2863	84.3013	84.9774	90.4304	61.9302	61.9302	61.9302
2864	84.2235	84.8975	90.3399	61.832	61.832	61.832
2865	83.006	83.4495	84.9733	61.7325	61.7325	61.7325
2866	82.2655	82.6972	84.2975	61.634	61.634	61.634
2867	81.7699	82.2015	83.8018	61.5363	61.5363	61.5363
2868	81.4076	81.8392	83.4395	61.4396	61.4396	61.4396
2869	81.1184	81.55	83.1503	61.3438	61.3438	61.3438
2870	80.8695	81.3011	82.9014	61.2488	61.2488	61.2488
2871	80.6431	81.0747	82.675	61.1547	61.1547	61.1547
2872	80.4295	80.8612	82.4615	61.0615	61.0615	61.0615
2873	80.2236	80.6553	82.2555	60.9692	60.9692	60.9692
2874	80.0225	80.4541	82.0544	60.8777	60.8777	60.8777
2875	79.8246	80.2563	81.8565	60.7871	60.7871	60.7871
2876	79.6291	80.0608	81.6611	60.6973	60.6973	60.6973
2877	79.4356	79.8672	81.4675	60.6083	60.6083	60.6083
2878	79.2437	79.6753	81.2756	60.5202	60.5202	60.5202
2879	79.0534	79.485	81.0853	60.4329	60.4329	60.4329
2880	78.8645	79.2961	80.8964	60.3464	60.3464	60.3464
2881	78.677	79.1087	80.7089	60.2607	60.2607	60.2607
2882	78.4909	78.9225	80.5228	60.1757	60.1757	60.1757
2883	78.3062	78.7378	80.3381	60.0916	60.0916	60.0916
2884	78.1228	78.5544	80.1547	60.0082	60.0082	60.0082
2885	77.9407	78.3723	79.9726	59.9257	59.9257	59.9257
2886	77.7599	78.1915	79.7918	59.8438	59.8438	59.8438
2887	77.5804	78.012	79.6123	59.7628	59.7628	59.7628
2888	77.4022	77.8339	79.4342	59.6824	59.6824	59.6824
2889	77.2253	77.657	79.2573	59.6029	59.6029	59.6029
2890	77.0497	77.4813	79.0816	59.524	59.524	59.524
2891	76.8754	77.307	78.9073	59.4459	59.4459	59.4459
2892	76.707	77.135	78.7586	59.3685	59.3685	59.3685
2893	76.5332	76.9648	78.5651	59.2918	59.2918	59.2918
2894	76.3615	76.7932	78.3935	59.2159	59.2159	59.2159
2895	76.1921	76.6233	78.226	59.1406	59.1406	59.1406
2896	76.0234	76.455	78.0553	59.066	59.066	59.066
2897	75.8562	76.2878	77.8881	58.9921	58.9921	58.9921
2898	75.6902	76.1219	77.7221	58.9189	58.9189	58.9189
2899	75.5256	75.9572	77.5575	58.8464	58.8464	58.8464
2900	75.3622	75.7938	77.3941	58.7745	58.7745	58.7745
2901	75.1999	75.6315	77.2318	58.7033	58.7033	58.7033