

experimental static pressure on the endwall $t/c=1.65\%$		
in the bed coordinates		
z (cm)	x (cm)	C_p
-49.907	28.939	0.46
-50.448	28.397	0.45
-51.017	27.828	0.24
-51.586	27.259	-0.18
-52.128	26.718	-0.07
-52.697	26.149	-0.01
-53.266	25.580	-0.03
-53.835	25.011	-0.07
-49.311	28.939	0.45
-49.879	28.370	0.45
-50.448	27.801	0.40
-51.559	26.690	-0.12
-52.128	26.122	-0.09
-52.697	25.553	-0.04
-53.239	25.011	-0.10
-53.807	24.442	-0.01
-49.338	28.370	0.45
-49.879	27.828	0.43
-50.448	27.259	0.08
-51.017	26.690	-0.19
-51.559	26.149	-0.08
-52.128	25.580	-0.04
-52.697	25.011	-0.10
-53.266	24.442	-0.08
-48.769	28.397	0.44
-49.338	27.828	0.44
-51.017	26.149	-0.13
-51.586	25.580	-0.05
-52.697	24.469	-0.13
-53.266	23.900	0.03
-48.796	27.828	0.44
-49.338	27.286	0.42

experimental static pressure on the endwall $t/c=3.3\%$		
in the bed coordinates		
z (cm)	x (cm)	C_p
-28.948	15.355	0.05
-28.379	14.786	0.05
-27.810	14.217	0.04
-27.268	13.675	0.04
-26.699	13.106	0.03
-26.130	12.537	0.02
-25.561	11.968	0.02
-29.489	16.492	0.07
-28.920	15.924	0.06
-28.352	15.355	0.06
-27.810	14.813	0.04
-26.103	13.106	0.02
-25.561	12.564	0.02
-24.992	11.996	0.02
-28.920	16.465	0.06
-28.379	15.924	0.05
-27.810	15.355	0.04
-27.241	14.786	0.05
-26.699	14.244	0.04
-26.130	13.675	0.03
-25.561	13.106	0.02
-24.992	12.537	0.02
-28.948	17.034	0.07
-28.379	16.465	0.06
-27.810	15.897	0.05
-27.268	15.355	0.04
-26.130	14.217	0.04
-25.019	13.106	0.02
-24.451	12.537	0.02
-28.379	17.007	0.06
-27.837	16.465	0.05
-27.268	15.897	0.04

-48.097	23.000	-0.28
-49.907	26.718	-0.07
-50.475	26.149	-0.19
-51.017	25.607	-0.08
-51.586	25.038	-0.09
-52.724	23.900	-0.05
-48.173	27.855	0.44
-48.769	27.259	0.43
-49.338	26.690	0.26
-50.475	25.553	-0.13
-51.017	25.011	-0.10
-51.586	24.442	-0.14
-52.128	23.900	-0.12
-52.697	23.331	0.04
-48.227	27.259	0.43
-48.769	26.718	0.39
-49.338	26.149	-0.21
-49.775	25.659	-0.21
-50.369	25.079	-0.12
-50.901	24.554	-0.14
-51.586	23.900	-0.17
-52.155	23.331	0.01
-47.658	27.286	0.43
-48.227	26.718	0.42
-48.751	26.277	0.20
-49.227	25.687	-0.30
-48.597	25.500	-0.30
-49.789	25.135	-0.16
-50.352	24.583	-0.13
-50.944	24.033	-0.19
-51.586	23.358	-0.06
-52.128	22.817	0.04
-47.685	26.718	0.43
-48.131	26.254	0.34
-49.273	25.107	-0.20
-49.836	24.554	-0.14
-50.353	24.013	-0.18

-26.157	14.786	0.04
-25.588	14.217	0.02
-25.019	13.648	0.02
-24.451	13.079	0.02
-28.406	17.630	0.07
-27.810	17.034	0.05
-27.241	16.465	0.05
-26.699	15.924	0.04
-26.103	15.328	0.03
-25.561	14.786	0.02
-24.992	14.217	0.03
-24.451	13.675	0.02
-23.882	13.106	0.01
-27.810	17.576	0.06
-27.268	17.034	0.05
-26.699	16.465	0.04
-26.209	16.028	0.03
-25.630	15.434	0.03
-25.105	14.902	0.02
-24.451	14.217	0.02
-23.882	13.648	0.02
-27.837	18.145	0.06
-27.268	17.576	0.05
-26.827	17.052	0.04
-26.238	16.576	0.04
-25.686	16.014	0.03
-25.133	15.451	0.02
-24.584	14.859	0.02
-23.909	14.217	0.01
-23.367	13.675	0.01
-27.268	18.118	0.06
-26.805	17.672	0.04
-26.237	17.124	0.04
-25.657	16.530	0.03
-25.105	15.967	0.02
-24.564	15.450	0.02
-24.007	14.946	0.02

-50.857	23.456	-0.15
-48.177	25.674	0.04
-49.230	24.548	-0.17
-49.792	23.996	-0.16
-50.308	23.485	-0.20
-50.902	22.905	-0.02
-47.585	25.684	0.29
-48.151	25.072	-0.33
-49.261	23.981	-0.16
-49.849	23.491	-0.23
-50.341	22.888	-0.08
-46.547	26.176	0.42
-47.083	25.671	0.38
-47.632	25.103	0.00
-48.166	24.518	-0.26
-48.712	24.010	-0.17
-49.245	23.455	-0.23
-49.854	22.862	-0.15
-50.285	22.284	-0.02
-50.862	21.748	0.00
-46.539	25.610	0.40
-47.100	25.088	0.17
-47.618	24.547	-0.35
-48.182	23.965	-0.20
-48.699	23.424	-0.21
-49.236	22.810	-0.23
-49.766	22.315	-0.05
-50.313	21.776	-0.02
-45.992	25.609	0.41
-46.468	25.020	0.33
-47.043	24.514	-0.33
-47.619	23.978	-0.25
-48.166	23.439	-0.21
-48.701	22.854	-0.28
-49.220	22.284	-0.07
-49.840	21.766	-0.04
-50.314	21.207	-0.05

-23.340	14.190	0.01
-27.295	18.687	0.06
-26.758	18.232	0.05
-26.224	17.626	0.05
-25.099	16.573	0.03
-24.546	16.011	0.02
-24.035	15.495	0.01
-23.456	14.901	0.01
-22.798	14.190	0.05
-26.234	18.218	0.05
-25.622	17.652	0.04
-25.102	17.062	0.03
-24.532	16.542	0.02
-24.042	15.954	0.02
-23.438	15.462	0.01
-22.884	14.929	0.04
-26.726	19.256	0.05
-26.222	18.720	0.05
-25.069	17.637	0.04
-24.560	17.091	0.02
-24.006	16.558	0.02
-23.412	15.949	0.01
-22.834	15.518	0.01
-22.298	14.941	0.00
-26.161	19.264	0.05
-25.639	18.703	0.03
-25.098	18.185	0.03
-24.515	17.621	0.02
-23.974	17.104	0.02
-23.360	16.567	0.01
-22.865	16.037	0.01
-22.327	15.490	0.00
-26.160	19.811	0.05
-25.570	19.335	0.04
-25.064	18.760	0.03
-24.528	18.184	0.02
-23.989	17.637	0.02

-46.567	24.563	-0.03
-47.115	23.995	-0.32
-47.635	23.424	-0.21
-48.687	22.299	-0.13
-49.236	21.730	-0.06
-49.767	21.205	-0.02
-45.979	24.484	0.21
-46.512	23.929	-0.41
-47.058	23.420	-0.26
-47.636	22.855	-0.31
-48.141	22.268	-0.20
-48.688	21.729	-0.07
-49.208	21.158	-0.04
-49.769	20.636	-0.01
-45.475	24.501	0.35
-46.024	23.933	-0.27
-46.526	23.406	-0.33
-47.018	22.802	-0.30
-47.653	22.271	-0.28
-48.127	21.712	-0.09
-48.690	21.160	-0.06
-49.263	20.683	-0.03
-44.881	24.541	0.38
-45.461	23.945	0.10
-46.024	23.393	-0.41
-46.528	22.836	-0.30
-47.032	22.279	-0.32
-47.594	21.727	-0.12
-48.099	21.140	-0.08
-48.674	20.633	-0.04
-49.206	20.109	-0.02
-45.968	22.789	-0.34
-46.514	22.280	-0.33
-47.016	21.753	-0.16
-47.552	21.138	-0.10
-48.127	20.632	-0.04
-48.690	20.080	-0.02

-23.405	17.102	0.01
-22.834	16.583	0.02
-22.317	15.963	0.01
-21.757	15.489	0.00
-25.617	19.841	0.04
-25.114	19.236	0.03
-24.545	18.688	0.03
-23.975	18.169	0.02
-23.420	17.635	0.01
-22.849	17.116	0.01
-22.281	16.567	0.01
-21.756	16.036	0.01
-25.034	19.824	0.03
-24.480	19.291	0.03
-23.971	18.745	0.02
-23.405	18.167	0.01
-22.818	17.662	0.01
-22.279	17.115	0.01
-21.709	16.595	0.01
-21.186	16.034	0.00
-25.052	20.328	0.03
-24.483	19.779	0.03
-23.956	19.277	0.02
-23.353	18.785	0.01
-22.822	18.150	0.01
-22.262	17.676	0.01
-21.710	17.113	0.00
-21.234	16.540	0.00
-25.092	20.922	0.02
-24.496	20.342	0.02
-23.944	19.779	0.02
-23.386	19.275	0.01
-22.829	18.772	0.01
-22.277	18.209	0.00
-21.690	17.704	0.00
-21.184	17.129	0.00
-20.659	16.597	0.00

-44.369	23.913	0.35
-45.433	22.834	-0.40
-45.953	22.263	-0.32
-46.515	21.711	-0.22
-47.035	21.140	-0.13
-47.625	20.620	-0.06
-48.129	20.063	-0.03
-48.691	19.511	-0.02
-45.450	22.250	-0.33
-45.968	21.709	-0.28
-46.486	21.168	-0.16
-47.625	20.080	-0.04
-48.084	19.534	-0.03
-43.749	23.351	0.29
-45.419	21.738	-0.33
-45.940	21.137	-0.18
-46.517	20.601	-0.09
-47.062	20.093	-0.05
-47.597	19.508	-0.04
-48.160	18.956	-0.03
-43.854	22.775	-0.05
-44.373	22.205	-0.39
-44.889	21.693	-0.36
-45.407	21.152	-0.22
-45.971	20.570	-0.10
-46.503	20.045	-0.06
-47.064	19.523	-0.04
-47.583	18.952	-0.03
-43.247	22.799	0.19
-44.342	21.692	-0.37
-44.903	21.170	-0.25
-45.450	20.631	-0.13
-45.983	20.077	-0.06
-46.520	19.462	-0.05
-47.065	18.954	-0.04
-47.598	18.399	-0.03
-43.263	22.216	-0.24

-24.478	20.903	0.01
-23.913	20.325	0.02
-23.339	19.835	0.01
-22.831	19.289	0.01
-22.303	18.787	0.01
-21.689	18.251	0.00
-21.183	17.676	0.00
-20.631	17.113	0.00
-24.464	21.434	-0.02
-23.939	20.903	0.00
-23.384	20.370	0.01
-22.813	19.850	0.01
-22.261	19.288	0.00
-21.690	18.768	0.00
-21.170	18.178	0.00
-20.613	17.674	0.00
-20.061	17.112	0.00
-23.880	21.417	-0.03
-23.323	20.914	-0.01
-22.801	20.353	0.00
-22.260	19.835	0.00
-21.719	19.317	0.00
-20.631	18.178	-0.01
-20.085	17.719	-0.01
-23.902	22.054	-0.11
-23.322	21.461	-0.05
-22.846	20.887	-0.03
-22.288	20.384	-0.01
-21.688	19.863	0.00
-21.152	19.286	-0.01
-20.643	18.741	0.00
-20.059	18.206	-0.01
-19.506	17.643	-0.01
-23.326	21.949	-0.12
-22.755	21.430	-0.06
-22.244	20.914	-0.03
-21.703	20.396	-0.02

-43.795	21.691	-0.40
-44.359	21.109	-0.29
-44.931	20.662	-0.17
-45.422	20.059	-0.07
-45.940	19.518	-0.06
-46.534	18.939	-0.04
-47.022	18.395	-0.04
-42.701	22.228	0.06
-43.232	21.703	-0.42
-43.765	21.149	-0.32
-44.359	20.569	-0.17
-44.891	20.044	-0.08
-45.424	19.490	-0.06
-45.971	18.951	-0.05
-46.518	18.413	-0.03
-47.051	17.858	-0.04
-42.733	21.631	-0.41
-43.248	21.150	-0.34
-44.359	20.029	-0.08
-44.892	19.475	-0.07
-45.394	18.947	-0.05
-45.943	18.379	-0.05
-46.504	17.857	-0.04
-42.124	21.685	-0.14
-43.190	20.576	-0.23
-43.784	19.996	-0.10
-44.316	19.471	-0.07
-44.864	18.903	-0.06
-45.425	18.380	-0.06
-45.957	17.856	-0.05
-46.505	17.287	-0.04
-42.139	21.132	-0.37
-42.716	20.595	-0.26
-43.221	20.008	-0.11
-43.829	19.445	-0.07
-44.331	18.918	-0.07
-44.863	18.393	-0.06

-21.121	19.832	-0.01
-20.596	19.300	-0.01
-20.074	18.739	-0.01
-19.503	18.220	-0.01
-23.349	22.557	-0.22
-22.781	22.008	-0.15
-22.243	21.461	-0.09
-21.720	20.900	-0.05
-21.182	20.353	-0.03
-20.627	19.820	-0.01
-20.013	19.283	-0.01
-19.504	18.738	-0.01
-18.949	18.205	-0.01
-22.766	22.540	-0.28
-22.241	22.008	-0.18
-21.659	21.444	-0.11
-21.213	20.872	-0.06
-20.610	20.381	-0.03
-20.069	19.863	-0.02
-19.489	19.269	-0.01
-18.946	18.781	-0.01
-22.779	23.102	-0.39
-21.699	22.038	-0.22
-21.120	21.444	-0.13
-20.595	20.912	-0.08
-20.040	20.379	-0.04
-19.502	19.832	-0.02
-18.963	19.285	-0.01
-18.408	18.752	0.00
-22.182	23.070	-0.40
-21.700	22.555	-0.32
-20.580	21.444	-0.15
-20.025	20.911	-0.08
-19.498	20.409	-0.04
-18.930	19.860	-0.02
-18.407	19.299	-0.01
-22.235	23.679	-0.37

-45.442	17.797	-0.05
-46.017	17.291	-0.04
-41.550	21.082	-0.29
-42.099	20.513	-0.24
-42.702	20.040	-0.13
-43.251	19.471	-0.08
-43.798	18.933	-0.06
-44.315	18.392	-0.06
-44.880	17.810	-0.05
-45.397	17.269	-0.04
-45.975	16.703	-0.04
-41.592	20.591	-0.26
-42.070	19.971	-0.14
-42.676	19.438	-0.08
-43.268	18.888	-0.07
-43.813	18.379	-0.06
-44.346	17.825	-0.06
-44.862	17.313	-0.05
-45.382	16.743	-0.04
-41.017	20.557	-0.23
-41.566	19.989	-0.16
-42.094	19.524	-0.09
-42.662	18.882	-0.07
-43.224	18.330	-0.07
-44.867	16.684	-0.04
-45.430	16.132	-0.04
-42.146	18.853	0.00
-42.663	18.312	-0.03
-43.254	17.792	-0.04
-43.802	17.224	-0.05
-44.320	16.683	-0.04
-44.886	16.071	-0.04
-40.499	20.019	-0.15
-41.022	19.388	-0.08
-41.625	18.914	-0.07
-42.100	18.325	-0.07
-42.693	17.775	-0.06

-21.126	22.613	-0.30
-20.546	22.019	-0.24
-20.022	21.487	-0.15
-19.453	20.939	-0.09
-18.931	20.378	-0.05
-18.406	19.846	-0.02
-17.838	19.298	-0.01
-21.682	23.664	-0.19
-21.146	23.087	-0.27
-20.559	22.582	-0.25
-19.995	21.974	-0.21
-19.468	21.472	-0.15
-18.943	20.940	-0.08
-18.348	20.361	-0.04
-17.841	19.786	-0.01
-21.632	24.253	0.13
-21.064	23.704	0.04
-20.590	23.101	-0.10
-20.022	22.552	-0.14
-19.483	22.005	-0.15
-18.942	21.488	-0.11
-18.360	20.923	-0.07
-17.819	20.406	-0.03
-17.253	19.828	0.00
-21.141	24.211	0.20
-20.522	23.733	0.16
-19.988	23.127	0.07
-19.438	22.535	0.00
-18.930	21.990	-0.05
-18.375	21.457	-0.05
-17.864	20.941	-0.03
-21.108	24.786	0.30
-20.539	24.237	0.26
-20.074	23.709	0.20
-19.432	23.141	0.17
-18.880	22.579	0.12
-18.371	22.033	0.07

-43.294	17.331	-0.05
-43.787	16.698	-0.06
-44.304	16.157	-0.04
-44.853	15.588	-0.04
-40.471	19.447	-0.05
-41.079	18.883	-0.06
-41.595	18.372	-0.06
-42.130	17.788	-0.06
-42.736	17.254	-0.05
-43.226	16.681	-0.05
-43.800	16.174	-0.04
-44.366	15.563	-0.04
-39.879	19.456	-0.08
-40.502	18.879	-0.06
-41.036	18.325	-0.08
-41.524	17.781	-0.06
-42.131	17.218	-0.05
-42.690	16.725	-0.05
-43.255	16.144	-0.04
-43.774	15.573	-0.04
-44.380	15.015	-0.03
-39.954	18.908	-0.05
-40.473	18.338	-0.05
-41.064	17.818	-0.05
-42.723	16.129	-0.04
-43.211	15.585	-0.04
-43.805	15.006	-0.03
-39.344	18.962	-0.05
-39.967	18.385	-0.05
-40.489	17.784	-0.05
-41.006	17.243	-0.04
-41.584	16.677	-0.04
-42.131	16.138	-0.04
-43.213	15.015	-0.03
-43.838	14.473	-0.02
-39.408	18.337	-0.04
-39.924	17.826	-0.04

-17.819	21.471	0.03
-17.235	20.936	0.02
-16.682	20.373	0.02
-19.999	24.237	0.29
-19.404	23.657	0.26
-18.863	23.140	0.23
-18.343	22.549	0.19
-17.774	22.001	0.16
-17.233	21.483	0.12
-16.622	20.917	0.08
-20.569	25.304	0.35
-19.939	24.781	0.33
-19.465	24.178	0.30
-18.875	23.703	0.29
-18.325	23.111	0.26
-17.881	22.509	0.22
-17.248	22.016	0.19
-16.708	21.499	0.16
-16.139	20.950	0.12
-19.434	24.724	0.34
-18.922	24.208	0.32
-18.338	23.673	0.30
-17.804	23.067	0.27
-17.231	22.577	0.25
-16.725	22.003	0.22
-16.113	21.437	0.19
-20.007	25.924	0.37
-19.430	25.301	0.35
-18.332	24.279	0.32
-17.768	23.672	0.30
-17.276	23.113	0.29
-16.694	22.548	0.26
-16.123	22.029	0.24
-15.565	21.423	0.21
-19.458	25.849	0.36
-18.888	25.330	0.35
-18.368	24.739	0.33

-40.490	17.215	-0.04
-41.065	16.708	-0.04
-41.599	16.123	-0.04
-42.134	15.539	-0.03
-42.678	15.061	-0.03
-43.228	14.462	-0.03
-38.773	18.401	-0.03
-39.380	17.766	-0.03
-39.957	17.230	-0.04
-40.474	16.688	-0.04
-41.054	16.092	-0.04
-41.587	15.538	-0.03
-42.119	15.013	-0.03
-42.680	14.491	-0.02
-43.270	13.904	-0.02
-38.800	17.832	-0.02
-39.377	17.285	-0.03
-39.911	16.701	-0.03
-40.491	16.105	-0.03
-41.052	15.583	-0.03
-41.630	15.017	-0.03
-42.159	14.473	-0.02
-42.728	13.904	-0.03
-38.231	17.859	0.00
-38.800	17.290	-0.01
-39.369	16.721	-0.02
-39.910	16.180	-0.03
-40.479	15.611	-0.03
-41.048	15.042	-0.02
-41.617	14.473	-0.02
-42.159	13.931	-0.02
-42.728	13.362	-0.02
-38.258	17.290	0.00
-39.369	16.180	-0.02
-39.992	15.611	-0.02
-40.506	15.042	-0.02
-41.048	14.500	-0.02

-16.679	23.080	0.28
-16.136	22.592	0.26
-15.556	21.998	0.24
-19.512	26.459	0.37
-18.935	25.836	0.36
-18.335	25.315	0.35
-17.793	24.797	0.33
-17.227	24.219	0.32
-15.566	22.590	0.26
-15.023	21.965	0.24
-18.888	26.395	0.37
-18.376	25.879	0.35
-17.765	25.313	0.34
-17.259	24.738	0.32
-16.090	23.669	0.29
-15.611	23.125	0.28
-15.012	22.575	0.26
-18.951	27.030	0.37
-18.316	26.423	0.36
-17.780	25.846	0.35
-17.239	25.329	0.33
-16.643	24.749	0.32
-16.089	24.216	0.30
-15.041	23.123	0.27
-14.454	22.533	0.25
-18.382	27.003	0.36
-17.836	26.426	0.36
-17.251	25.892	0.34
-16.656	25.312	0.33
-16.133	24.751	0.32
-15.567	24.173	0.30
-15.023	23.644	0.28
-18.410	27.572	0.36
-17.841	27.003	0.35
-17.272	26.434	0.35
-16.730	25.893	0.34
-16.161	25.324	0.32

-41.617	13.931	-0.02
-42.186	13.362	-0.01
-37.662	17.290	0.03
-38.231	16.721	0.01
-38.800	16.153	-0.01
-39.910	15.042	-0.01
-40.479	14.473	-0.01
-41.048	13.904	-0.01
-41.590	13.362	-0.01
-42.159	12.793	-0.01
-37.689	16.721	0.03
-38.231	16.180	-0.01
-38.800	15.611	0.00
-39.396	15.015	-0.01
-39.883	14.527	-0.01
-40.479	13.931	-0.01
-41.048	13.362	0.00
-41.644	12.766	0.00
-37.120	16.748	0.05
-37.689	16.180	0.02
-38.258	15.611	0.01
-38.800	15.069	0.01
-39.369	14.500	-0.01
-39.937	13.931	-0.01
-40.506	13.362	-0.01
-41.021	12.848	0.00
-41.617	12.252	0.01
-37.147	16.180	0.05
-37.689	15.638	0.02
-38.258	15.069	0.01
-38.854	14.473	0.00
-39.396	13.931	-0.02
-39.937	13.389	0.00
-40.506	12.820	0.01
-41.075	12.252	0.02
-36.578	16.207	0.08
-37.120	15.611	0.04

-15.592	24.755	0.31
-15.023	24.186	0.29
-14.482	23.644	0.27
-13.913	23.075	0.25
-16.730	26.434	0.34
-16.161	25.811	0.33
-15.592	25.297	0.31
-15.050	24.755	0.30
-14.482	24.186	0.28
-13.913	23.617	0.26
-17.841	28.141	0.35
-17.272	27.572	0.34
-15.592	25.893	0.32
-15.023	25.324	0.31
-14.454	24.755	0.29
-13.913	24.213	0.27
-13.344	23.644	0.25
-17.272	28.114	0.34
-16.161	27.003	0.33
-15.565	26.407	0.32
-15.078	25.920	0.31
-14.482	25.324	0.30
-13.913	24.755	0.28
-13.317	24.159	0.26
-17.299	28.683	0.32
-16.730	28.114	0.33
-16.161	27.545	0.32
-15.050	26.434	0.31
-14.482	25.866	0.29
-13.913	25.297	0.29
-13.398	24.782	0.27
-12.802	24.186	0.25
-16.730	28.656	0.30
-16.188	28.114	0.31
-15.619	27.545	0.31
-15.023	26.949	0.31
-13.940	25.866	0.29

-37.716	15.069	0.02
-38.258	14.527	0.01
-38.827	13.958	0.01
-39.396	13.389	0.01
-41.075	11.710	0.06
-54.197	23.076	0.13
-54.197	22.310	0.12
-54.197	21.505	0.11
-54.197	19.130	0.09
-54.197	18.326	0.09
-54.197	17.521	0.09
-53.776	23.498	0.10
-53.776	22.693	0.10
-53.776	21.889	0.12
-53.776	21.122	0.10
-53.776	20.318	0.09
-53.776	18.709	0.08
-53.776	17.943	0.08
-53.776	17.138	0.08
-53.393	23.076	0.09
-53.393	22.310	0.09
-53.393	21.505	0.09
-53.393	20.701	0.10
-53.393	19.935	0.08
-53.393	19.130	0.08
-53.393	18.326	0.07
-53.393	17.521	0.07
-53.010	23.498	0.06
-53.010	22.693	0.08
-53.010	21.889	0.08
-53.010	21.122	0.07
-53.010	20.318	0.07
-53.010	19.513	0.09
-53.010	17.943	0.06
-53.010	17.138	0.06
-52.627	23.076	0.06
-52.627	22.310	0.07

-13.371	25.297	0.28
-12.802	24.728	0.26
-16.757	29.225	0.28
-16.161	28.683	0.28
-15.619	28.087	0.29
-15.078	27.545	0.30
-14.509	26.976	0.30
-13.940	26.407	0.29
-12.260	24.728	0.24
-30.601	23.076	0.05
-30.601	22.310	0.10
-30.601	21.505	0.12
-30.601	20.701	0.12
-30.601	19.935	0.12
-30.601	19.130	0.12
-30.601	18.326	0.11
-30.179	23.498	0.01
-30.179	22.693	0.06
-30.179	21.889	0.11
-30.179	21.122	0.12
-30.179	20.318	0.12
-30.179	19.513	0.13
-30.179	18.709	0.11
-30.179	17.943	0.10
-30.179	17.138	0.09
-29.796	23.076	0.01
-29.796	22.310	0.07
-29.796	21.505	0.11
-29.796	20.701	0.11
-29.796	19.935	0.11
-29.796	19.130	0.10
-29.796	18.326	0.10
-29.796	17.521	0.09
-29.413	23.498	-0.02
-29.413	22.693	0.02
-29.413	21.889	0.09
-29.413	21.122	0.10

-52.627	21.505	0.06
-52.627	20.701	0.06
-52.627	19.935	0.08
-52.627	19.130	0.06
-52.627	18.326	0.06
-52.627	17.521	0.05
-52.205	23.536	0.00
-52.205	22.693	0.05
-52.205	21.889	0.05
-52.205	21.122	0.05
-52.205	20.279	0.05
-52.205	19.513	0.05
-52.205	18.709	0.07
-52.205	17.943	0.05
-52.205	17.138	0.04
-51.822	23.076	0.02
-51.822	22.310	0.04
-51.822	21.505	0.04
-51.785	20.849	0.04
-51.795	20.020	0.04
-51.800	19.273	0.04
-51.822	18.326	0.04
-51.822	17.521	0.06
-51.439	23.498	-0.10
-51.439	22.693	0.02
-51.498	22.011	0.02
-51.417	21.258	0.03
-51.425	20.469	0.04
-51.432	19.681	0.04
-51.462	18.874	0.04
-51.439	17.943	0.04
-51.439	17.176	0.03
-51.056	23.076	-0.03
-51.044	22.434	0.01
-51.030	21.644	0.02
-51.040	20.814	0.03
-51.047	20.026	0.03

-29.413	20.318	0.10
-29.413	18.709	0.09
-29.413	17.943	0.09
-29.413	17.138	0.08
-29.030	23.076	-0.03
-29.030	22.310	0.05
-29.030	21.505	0.09
-29.030	20.701	0.10
-29.030	19.935	0.10
-29.030	19.130	0.09
-29.030	18.326	0.08
-29.030	17.521	0.08
-28.609	23.536	-0.07
-28.609	22.693	0.00
-28.609	21.889	0.07
-28.609	21.122	0.09
-28.609	20.279	0.09
-28.609	19.513	0.09
-28.609	18.709	0.09
-28.609	17.943	0.08
-28.609	17.138	0.07
-28.226	23.076	-0.06
-28.226	22.310	0.03
-28.226	21.505	0.07
-28.189	20.849	0.08
-28.199	20.020	0.08
-28.203	19.273	0.08
-28.226	18.326	0.07
-28.226	17.521	0.07
-27.842	23.498	-0.13
-27.842	22.693	-0.03
-27.901	22.011	0.04
-27.821	21.258	0.07
-27.828	20.469	0.08
-27.836	19.681	0.07
-27.865	18.874	0.07
-27.842	17.943	0.07

-51.030	19.277	0.03
-50.993	18.527	0.03
-51.056	17.521	0.03
-50.615	22.796	-0.04
-50.666	21.990	0.01
-50.614	20.450	0.02
-50.621	19.662	0.02
-50.625	18.936	0.02
-50.635	18.106	0.02
-50.254	22.416	-0.01
-50.222	21.583	-0.01
-50.271	20.798	0.01
-50.235	20.027	0.01
-50.305	19.264	0.02
-50.226	18.490	0.02
-50.211	17.721	-0.03
-49.868	23.498	-0.21
-49.890	22.762	-0.11
-49.876	21.972	0.02
-49.841	21.181	0.00
-49.867	20.436	0.01
-49.852	19.666	0.01
-49.863	18.816	0.01
-49.759	18.102	0.01
-49.788	17.316	0.01
-49.463	23.104	-0.24
-49.490	22.338	-0.07
-49.473	21.589	-0.03
-49.461	20.779	-0.01
-49.444	20.030	0.01
-49.389	19.216	0.00
-49.414	18.492	0.01
-49.420	17.724	0.01
-40.402	23.461	0.35
-40.434	22.613	0.34
-40.380	21.114	0.14
-40.411	20.286	-0.16

-27.842	17.176	0.06
-27.459	23.076	-0.09
-27.447	22.434	0.00
-27.433	21.644	0.05
-27.443	20.814	0.07
-27.450	20.026	0.07
-27.434	19.277	0.06
-27.396	18.527	0.06
-27.459	17.521	0.06
-27.076	23.498	-0.20
-27.018	22.796	-0.06
-27.069	21.990	0.03
-27.017	20.450	0.07
-27.025	19.662	0.06
-27.028	18.936	0.06
-27.038	18.106	0.06
-26.658	22.416	-0.02
-26.625	21.583	0.03
-26.675	20.798	0.06
-26.638	20.027	0.06
-26.708	19.264	0.06
-26.629	18.490	0.05
-26.272	23.498	-0.29
-26.294	22.762	-0.07
-26.245	21.181	0.04
-26.271	20.436	0.05
-26.255	19.666	0.05
-26.267	18.816	0.05
-26.162	18.102	0.04
-26.191	17.316	0.04
-25.866	23.104	-0.17
-25.893	22.338	-0.04
-25.877	21.589	0.02
-25.864	20.779	0.04
-25.848	20.030	0.05
-25.793	19.216	0.05
-25.817	18.492	0.04

-40.459	19.542	-0.08
-40.447	18.732	-0.04
-40.410	17.961	-0.04
-40.444	17.138	-0.03
-40.067	23.021	0.34
-40.031	22.250	0.33
-40.081	21.465	0.28
-40.068	20.655	-0.02
-40.060	19.097	-0.04
-40.021	18.368	-0.04
-40.031	17.538	-0.03
-39.674	23.490	0.34
-39.706	22.641	0.33
-39.650	21.848	0.31
-39.633	21.100	0.25
-39.642	20.291	-0.01
-39.648	19.523	-0.02
-39.619	17.964	-0.03
-39.678	17.138	-0.02
-39.277	23.003	0.33
-39.280	22.277	0.32
-39.248	21.444	0.29
-39.297	20.680	0.20
-39.261	19.888	-0.01
-39.227	19.097	-0.03
-39.273	18.374	-0.02
-39.238	17.562	-0.02
-38.873	23.498	0.33
-38.854	22.619	0.32
-38.882	21.832	0.30
-38.865	21.083	0.26
-38.854	20.252	0.15
-38.839	19.483	-0.03
-38.844	18.736	0.00
-38.871	17.970	-0.01
-38.873	17.138	-0.01
-38.490	23.076	0.31

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-25.478	23.490	-0.37
-25.398	22.737	-0.11
-25.446	21.972	-0.03
-25.475	21.185	0.02
-25.481	20.418	0.04
-25.446	19.626	0.04
-25.410	18.855	0.05
-25.422	17.320	0.03
-25.074	23.127	-0.26
-25.145	22.344	-0.07
-25.131	21.554	0.00
-25.095	20.783	0.03
-25.080	20.014	0.04
-25.043	19.243	0.04
-25.029	18.453	0.04
-25.034	17.706	0.04
-24.674	22.703	-0.15
-24.658	21.934	-0.05
-24.684	21.188	0.01
-24.693	20.379	0.03
-24.635	19.607	0.03
-24.641	18.839	0.03
-24.605	18.069	0.03
-24.632	17.302	0.03
-24.330	23.072	-0.31
-24.316	22.282	-0.11
-24.298	21.554	-0.03
-24.219	20.780	0.01
-24.293	19.955	0.02
-24.232	19.224	0.03
-24.240	18.436	0.03
-24.308	17.693	0.02
-23.938	23.520	-0.45
-23.927	22.688	-0.22
-23.934	21.900	-0.07
-23.896	21.150	-0.01

-38.511	22.282	0.31
-38.476	21.490	0.28
-38.465	20.659	0.23
-38.501	19.084	-0.01
-38.490	18.326	0.00
-38.107	23.498	0.31
-38.107	22.693	0.30
-38.107	21.889	0.29
-38.107	21.122	0.26
-38.107	20.318	0.21
-38.107	19.513	0.09
-38.107	18.709	0.02
-38.107	17.943	0.02
-38.107	17.138	0.02
-37.724	21.505	0.27
-37.762	20.663	0.24
-37.724	19.896	0.19
-37.724	19.130	0.08
-37.724	18.326	0.04
-37.724	17.521	0.03
-37.302	23.498	0.30
-37.302	22.693	0.29
-37.302	20.318	0.23
-37.302	19.513	0.17
-37.302	18.709	0.08
-37.302	17.943	0.06
-37.302	17.138	0.05
-36.919	23.076	0.29
-36.919	21.505	0.26
-36.919	20.663	0.24
-36.919	19.973	0.21
-36.919	19.130	0.15
-36.919	18.326	0.09
-36.919	17.483	0.08
-36.536	23.498	0.28
-36.536	22.693	0.27
-36.536	21.889	0.26

-23.858	20.400	0.01
-23.866	19.611	0.02
-23.808	18.839	0.02
-23.857	18.075	0.02
-23.861	17.328	0.02
-23.518	23.073	-0.38
-23.526	22.264	-0.15
-23.467	21.512	-0.05
-23.493	20.767	0.00
-23.475	20.039	0.01
-23.420	19.225	0.02
-23.469	18.461	0.02
-23.476	17.672	0.02
-23.131	23.438	-0.48
-23.136	22.691	-0.30
-23.121	21.922	-0.11
-23.084	21.151	-0.03
-23.055	19.592	0.01
-23.105	18.807	0.02
-23.067	18.057	0.02
-23.075	17.269	0.02
-22.731	23.014	-0.40
-22.693	22.264	-0.22
-22.720	21.498	-0.07
-22.704	20.749	-0.01
-22.723	18.425	0.01
-22.662	17.715	0.01
-22.295	23.479	-0.39
-22.305	22.650	-0.33
-22.374	21.908	-0.16
-22.336	21.157	-0.05
-22.280	20.364	-0.01
-22.308	19.578	0.00
-22.334	18.832	0.01
-22.299	18.041	0.01
-22.307	17.252	0.01
-21.963	22.998	-0.40

-36.536	20.318	0.22
-36.536	19.513	0.18
-36.536	18.709	0.14
-36.536	17.981	0.11
-36.536	17.138	0.09
-36.153	23.076	0.27
-36.153	22.310	0.28
-36.153	21.505	0.25
-36.153	20.663	0.23
-36.153	19.130	0.19
-36.153	18.326	0.16
-36.153	17.521	0.13
-35.770	23.498	0.27
-35.732	22.693	0.26
-35.770	21.889	0.25
-35.770	21.122	0.24
-35.770	19.513	0.21
-35.770	17.138	0.14
-42.727	30.050	0.40
-43.493	30.050	0.40
-44.298	30.050	0.41
-45.102	30.050	0.42
-45.868	30.050	0.42
-46.673	30.050	0.43
-47.477	30.050	0.44
-48.282	30.050	0.44
-42.305	29.629	0.39
-43.110	29.629	0.40
-43.914	29.629	0.42
-44.681	29.629	0.42
-45.485	29.629	0.42
-47.094	29.629	0.44
-47.860	29.629	0.44
-48.665	29.629	0.45
-42.727	29.246	0.40
-43.493	29.246	0.40
-44.298	29.246	0.41

-21.926	22.227	-0.26
-21.930	21.501	-0.10
-21.913	20.752	-0.04
-21.901	19.941	0.00
-21.905	19.194	0.00
-21.933	18.428	0.01
-21.896	17.658	0.01
-21.550	23.444	-0.24
-21.536	22.654	-0.34
-21.542	21.887	-0.21
-21.569	21.121	-0.08
-21.575	20.353	-0.02
-21.560	19.584	0.00
-21.505	18.770	0.00
-21.531	18.025	0.00
-21.516	17.255	0.00
-21.149	23.020	-0.25
-21.154	22.273	-0.28
-21.142	21.462	-0.15
-21.230	20.742	-0.05
-21.151	19.968	-0.01
-21.135	19.220	-0.01
-21.145	18.390	0.00
-21.105	17.660	0.00
-20.760	23.426	0.04
-20.765	22.679	-0.25
-20.750	21.910	-0.22
-20.760	21.081	-0.10
-20.765	20.334	-0.03
-20.749	19.564	-0.01
-20.755	18.797	0.00
-20.762	18.029	0.00
-20.746	17.260	0.00
-20.361	22.981	-0.04
-20.385	22.277	-0.24
-20.378	20.699	-0.06
-20.363	19.930	-0.02

-45.102	29.246	0.43
-45.868	29.246	0.43
-46.673	29.246	0.43
-47.477	29.246	0.44
-48.282	29.246	0.45
-42.305	28.863	0.39
-43.110	28.863	0.40
-43.914	28.863	0.41
-44.681	28.863	0.42
-45.485	28.863	0.42
-46.290	28.863	0.44
-47.094	28.863	0.44
-47.860	28.863	0.44
-48.665	28.863	0.45
-42.727	28.480	0.40
-43.493	28.480	0.40
-44.298	28.480	0.41
-45.102	28.480	0.42
-45.868	28.480	0.44
-46.673	28.480	0.44
-47.477	28.480	0.44
-48.282	28.480	0.45
-42.267	28.058	0.39
-43.110	28.058	0.40
-43.914	28.058	0.41
-44.681	28.058	0.42
-45.524	28.058	0.43
-46.290	28.058	0.44
-47.094	28.058	0.45
-47.860	28.058	0.45
-48.665	28.058	0.45
-42.727	27.675	0.40
-43.493	27.675	0.41
-44.298	27.675	0.42
-44.954	27.638	0.42
-45.783	27.648	0.43
-46.530	27.653	0.44

-20.345	19.202	-0.01
-20.331	18.412	0.00
-20.359	17.646	0.00
-19.968	23.450	0.19
-19.938	21.911	-0.20
-19.948	21.082	-0.12
-19.953	20.335	-0.04
-19.939	19.545	-0.01
-19.966	18.779	-0.01
-19.971	18.032	0.00
-19.957	17.242	0.00
-19.588	23.048	0.16
-19.617	22.261	-0.10
-19.559	21.489	-0.16
-19.590	20.661	-0.07
-19.572	19.933	-0.02
-19.577	19.186	-0.01
-19.566	18.354	-0.01
-19.614	17.590	0.00
-19.136	23.429	0.26
-19.122	22.639	0.12
-19.214	21.878	-0.11
-19.200	21.088	-0.11
-19.206	20.320	-0.04
-19.189	19.572	-0.01
-19.177	18.761	-0.01
-19.160	18.013	0.00
-19.169	17.204	0.00
-18.818	23.052	0.24
-18.718	22.277	0.10
-18.769	21.471	-0.09
-18.799	20.663	-0.07
-18.825	19.918	-0.02
-18.810	19.149	-0.01
-18.814	18.423	0.00
-18.388	23.435	0.29
-18.374	22.645	0.22

-47.477	27.675	0.45
-48.282	27.675	0.46
-42.305	27.292	0.39
-43.110	27.292	0.40
-43.792	27.351	0.41
-44.545	27.270	0.42
-45.334	27.278	0.43
-46.122	27.285	0.43
-46.929	27.315	0.44
-47.860	27.292	0.45
-48.627	27.292	0.45
-42.727	26.909	0.41
-43.369	26.896	0.41
-44.159	26.883	0.42
-44.989	26.893	0.42
-45.777	26.900	0.43
-46.526	26.883	0.44
-47.276	26.846	0.45
-48.282	26.909	0.44
-42.305	26.526	0.39
-43.007	26.468	0.40
-43.813	26.519	0.42
-44.601	26.526	0.42
-45.353	26.467	0.43
-46.141	26.474	0.43
-46.868	26.478	0.44
-42.639	26.124	0.38
-43.387	26.107	0.41
-44.220	26.075	0.42
-45.005	26.124	0.43
-45.776	26.088	0.43
-46.539	26.158	0.43
-42.305	25.721	0.39
-43.041	25.743	0.40
-44.622	25.694	0.42
-45.367	25.720	0.42
-46.137	25.705	0.42

-18.419	21.943	0.03
-18.366	21.088	-0.07
-18.374	20.299	-0.04
-18.400	19.554	-0.01
-18.407	18.766	0.00
-18.372	17.974	0.00
-18.379	17.186	0.00
-17.993	22.264	0.19
-17.981	21.432	0.02
-17.965	20.684	-0.04
-18.015	19.899	-0.01
-18.001	19.109	0.00
-17.984	18.360	0.00
-17.952	17.527	0.00
-17.641	23.421	0.30
-17.565	22.605	0.25
-17.656	21.844	0.16
-17.576	21.091	0.02
-17.606	20.283	-0.02
-17.717	19.544	0.00
-17.618	18.748	0.00
-17.601	17.999	0.00
-17.587	17.209	0.00
-17.248	22.208	0.24
-17.252	21.481	0.14
-17.217	20.690	0.02
-17.268	19.884	0.00
-17.209	19.132	0.01
-17.257	18.368	0.00
-17.225	17.535	0.00
-16.805	23.461	0.30
-16.838	22.613	0.27
-16.784	21.114	0.11
-16.815	20.286	0.02
-16.862	19.542	0.01
-16.850	18.732	0.01
-16.813	17.961	0.01

-42.699	25.316	0.40
-43.465	25.343	0.40
-44.214	25.326	0.41
-45.024	25.314	0.42
-45.773	25.297	0.42
-42.313	24.928	0.39
-43.066	24.847	0.40
-43.831	24.896	0.40
-44.618	24.925	0.41
-45.385	24.931	0.40
-42.676	24.524	0.39
-43.459	24.595	0.40
-44.249	24.581	0.41
-43.100	24.123	0.39
-43.869	24.108	0.39
-44.615	24.134	0.38
-42.731	23.779	0.38
-43.521	23.765	0.38
-44.249	23.748	0.34
-42.283	23.388	0.38
-43.115	23.376	0.36
-43.903	23.384	0.29
-42.755	19.038	-0.05
-43.542	19.066	-0.04
-44.314	19.008	-0.04
-45.142	19.040	-0.03
-45.870	19.022	-0.03
-46.617	19.027	-0.02
-47.449	19.015	-0.01
-48.213	19.064	0.00
-42.374	18.586	-0.04
-43.164	18.572	-0.05
-43.925	18.663	-0.04
-44.715	18.649	-0.04
-45.483	18.655	-0.03
-46.231	18.639	-0.02
-47.042	18.626	-0.01

-16.847	17.138	0.01
-16.470	23.021	0.28
-16.434	22.250	0.25
-16.484	21.465	0.20
-16.463	19.097	0.02
-16.424	18.368	0.01
-16.434	17.538	0.01
-16.077	23.490	0.29
-16.110	22.641	0.27
-16.054	21.848	0.24
-16.045	20.291	0.07
-16.051	19.523	0.01
-16.022	17.964	0.02
-16.081	17.138	0.02
-15.681	23.003	0.28
-15.684	22.277	0.26
-15.652	21.444	0.22
-15.700	20.680	0.15
-15.665	19.888	0.03
-15.630	19.097	0.03
-15.676	18.374	0.02
-15.642	17.562	0.02
-15.276	23.498	0.28
-15.257	22.619	0.27
-15.286	21.832	0.24
-15.269	21.083	0.20
-15.257	20.252	0.12
-15.243	19.483	0.06
-15.247	18.736	0.01
-15.274	17.970	0.03
-15.276	17.138	0.03
-14.893	23.076	0.27
-14.915	22.282	0.25
-14.880	21.490	0.22
-14.868	20.659	0.18
-14.896	19.893	0.11
-14.904	19.084	0.06

-47.790	18.610	0.00
-48.599	18.618	0.00
-42.751	18.268	-0.04
-43.526	18.168	-0.04
-44.332	18.219	-0.03
-45.140	18.249	-0.03
-45.885	18.275	-0.02
-46.654	18.260	-0.02
-47.380	18.263	0.00
-48.151	18.227	0.00
-42.368	17.838	-0.04
-43.158	17.824	-0.04
-43.860	17.869	-0.04
-44.715	17.816	-0.03
-45.504	17.823	-0.02
-46.249	17.849	-0.02
-47.037	17.857	-0.02
-47.829	17.822	0.00
-48.617	17.829	0.01
-43.539	17.442	-0.03
-44.371	17.431	-0.03
-45.119	17.414	-0.03
-45.904	17.464	-0.01
-46.694	17.450	-0.01
-47.443	17.434	0.00
-48.276	17.401	0.01
-42.382	17.091	-0.03
-43.198	17.015	-0.03
-43.959	17.106	-0.03
-44.712	17.025	-0.02
-45.520	17.055	-0.02
-46.259	17.166	-0.01
-47.055	17.067	-0.01
-47.804	17.051	0.00
-48.594	17.037	0.01
-42.767	16.666	0.01
-43.595	16.698	-0.02

-14.893	18.326	0.04
-14.893	17.521	0.01
-14.510	23.498	0.27
-14.510	22.693	0.25
-14.510	21.889	0.23
-14.510	21.122	0.21
-14.510	20.318	0.16
-14.510	19.513	0.10
-14.510	18.709	0.07
-14.510	17.943	0.05
-14.510	17.138	0.04
-14.127	21.505	0.22
-14.165	20.663	0.19
-14.127	19.896	0.15
-14.127	19.130	0.10
-14.127	18.326	0.07
-14.127	17.521	0.06
-13.706	23.498	0.26
-13.706	22.693	0.25
-13.706	20.318	0.18
-13.706	19.513	0.14
-13.706	18.709	0.10
-13.706	17.943	0.08
-13.706	17.138	0.06
-13.323	23.076	0.25
-13.323	21.505	0.22
-13.323	20.663	0.20
-13.323	19.973	0.17
-13.323	19.130	0.13
-13.323	18.326	0.10
-13.323	17.483	0.08
-12.940	23.498	0.24
-12.940	22.693	0.23
-12.940	21.889	0.22
-12.940	20.318	0.18
-12.940	19.513	0.15
-12.940	18.709	0.13

-44.322	16.701	-0.02
-45.113	16.666	-0.02
-45.919	16.717	-0.01
-46.671	16.658	0.00
-47.435	16.707	0.00
-48.268	16.674	0.01
-42.342	16.255	-0.02
-43.190	16.287	-0.02
-43.959	16.273	0.02
-44.689	16.233	-0.02
-45.517	16.264	-0.01
-46.261	16.312	-0.02
-47.071	16.300	0.00
-47.842	16.263	0.00
-48.665	16.297	0.02
-42.782	15.920	-0.02
-43.553	15.884	-0.01
-44.338	15.934	-0.01
-45.148	15.921	0.02
-46.706	15.913	0.00
-47.435	15.874	0.00
-48.265	15.884	0.01
-42.313	15.527	-0.01
-43.162	15.559	-0.01
-43.955	15.503	-0.01
-44.703	15.486	-0.01
-45.512	15.495	-0.01
-46.280	15.501	0.00
-47.839	15.472	0.01
-48.665	15.531	0.02
-42.800	15.130	-0.01
-43.526	15.133	-0.01
-44.359	15.101	-0.01
-45.123	15.150	-0.01
-45.915	15.114	0.00
-46.706	15.080	0.00
-47.429	15.126	0.01

-12.940	17.981	0.11
-12.940	17.138	0.09
-12.556	23.076	0.23
-12.556	22.310	0.22
-12.556	21.505	0.21
-12.556	20.663	0.19
-12.556	19.130	0.15
-12.556	18.326	0.13
-12.556	17.521	0.11
-12.173	23.498	0.22
-12.135	22.693	0.22
-12.173	21.889	0.21
-12.173	21.122	0.19
-12.173	20.318	0.18
-12.173	19.513	0.17
-12.173	17.138	0.12
-26.310	28.939	0.44
-26.852	28.397	0.42
-27.421	27.828	0.29
-27.989	27.259	0.02
-28.531	26.718	-0.03
-29.100	26.149	-0.11
-29.669	25.580	-0.31
-30.238	25.011	-0.24
-25.714	28.939	0.43
-26.283	28.370	0.43
-26.852	27.801	0.37
-27.394	27.259	0.11
-27.962	26.690	-0.05
-29.100	25.553	-0.30
-29.642	25.011	-0.29
-30.211	24.442	-0.06
-25.741	28.370	0.43
-26.283	27.828	0.40
-26.852	27.259	0.21
-27.421	26.690	-0.07
-27.962	26.149	-0.11

-48.241	15.091	0.02
-42.305	14.726	-0.01
-43.184	14.707	-0.01
-43.971	14.735	-0.01
-44.720	14.718	0.00
-45.551	14.707	0.00
-46.320	14.692	0.00
-47.067	14.697	0.01
-47.833	14.724	0.02
-48.665	14.726	0.02
-42.727	14.343	0.00
-43.521	14.364	0.00
-44.313	14.329	0.00
-45.144	14.318	0.00
-45.910	14.345	0.00
-46.719	14.354	0.01
-47.477	14.343	0.01
-48.282	14.343	0.01
-42.305	13.960	0.00
-43.110	13.960	0.00
-43.914	13.960	0.00
-44.681	13.960	0.00
-45.485	13.960	0.00
-46.290	13.960	0.01
-47.094	13.960	0.01
-47.860	13.960	0.02
-48.665	13.960	0.02
-42.727	13.577	0.02
-44.298	13.577	0.00
-45.140	13.615	0.01
-45.907	13.577	0.01
-46.673	13.577	0.01
-47.477	13.577	0.01
-48.282	13.577	0.02
-42.305	13.155	0.01
-43.110	13.155	0.01
-43.914	13.155	0.01

-28.531	25.580	-0.25
-29.100	25.011	-0.35
-29.669	24.442	-0.13
-25.172	28.397	0.43
-25.741	27.828	0.42
-26.310	27.259	0.31
-26.852	26.718	0.00
-27.421	26.149	-0.15
-27.989	25.580	-0.24
-28.558	25.011	-0.39
-29.100	24.469	-0.22
-29.669	23.900	-0.05
-25.199	27.828	0.42
-25.741	27.286	0.38
-26.310	26.718	0.12
-26.879	26.149	-0.17
-27.421	25.607	-0.24
-27.989	25.038	-0.41
-28.558	24.469	-0.30
-29.127	23.900	-0.09
-24.576	27.855	0.42
-25.172	27.259	0.40
-25.741	26.690	0.24
-26.283	26.149	-0.12
-26.879	25.553	-0.26
-27.421	25.011	-0.40
-27.989	24.442	-0.35
-28.531	23.900	-0.15
-29.100	23.331	-0.05
-24.630	27.259	0.41
-25.172	26.718	0.33
-25.741	26.149	-0.01
-26.179	25.659	-0.28
-26.772	25.079	-0.38
-27.304	24.554	-0.42
-27.989	23.900	-0.22
-28.558	23.331	-0.07

-45.485	13.155	0.01
-46.290	13.155	0.01
-47.094	13.155	0.01
-47.860	13.155	0.02
-48.665	13.155	0.02
-42.727	12.772	0.01
-43.493	12.772	0.01
-44.298	12.772	0.01
-45.140	12.772	0.01
-45.830	12.772	0.01
-46.673	12.772	0.01
-47.477	12.772	0.02
-48.320	12.772	0.02
-42.305	12.389	0.02
-43.110	12.389	0.01
-43.914	12.389	0.01
-44.681	12.389	0.01
-45.485	12.389	0.01
-46.290	12.389	0.01
-47.094	12.389	0.02
-47.822	12.389	0.02
-42.727	12.006	0.02
-43.493	12.006	0.02
-44.298	12.006	0.01
-45.140	12.006	0.01
-45.907	12.006	0.02
-46.673	12.006	0.02
-47.477	12.006	0.02
-42.305	11.623	0.04
-43.110	11.585	0.02
-43.914	11.623	0.02
-44.681	11.623	0.02
-45.485	11.623	0.02
-46.290	11.623	0.02
-47.094	11.623	0.01
-53.086	15.897	0.06
-52.544	15.355	0.04

-24.061	27.286	0.41
-24.630	26.718	0.37
-25.154	26.277	0.18
-25.630	25.687	-0.22
-26.193	25.135	-0.37
-26.755	24.583	-0.48
-27.347	24.033	-0.31
-27.989	23.358	-0.12
-28.531	22.817	-0.03
-24.089	26.718	0.39
-24.534	26.254	0.26
-25.083	25.686	-0.10
-25.676	25.107	-0.39
-26.239	24.554	-0.50
-26.757	24.013	-0.39
-27.260	23.456	-0.17
-28.017	22.790	-0.04
-23.520	26.745	0.39
-23.975	26.207	0.33
-24.581	25.674	0.06
-25.143	25.122	-0.38
-25.633	24.548	-0.52
-26.196	23.996	-0.43
-26.712	23.485	-0.22
-27.305	22.905	-0.06
-23.988	25.684	0.18
-24.554	25.072	-0.26
-25.145	24.552	-0.52
-25.664	23.981	-0.47
-26.253	23.491	-0.26
-26.744	22.888	-0.08
-22.951	26.176	0.37
-23.486	25.671	0.27
-24.570	24.518	-0.49
-25.115	24.010	-0.51
-25.648	23.455	-0.32
-26.258	22.862	-0.11

-51.975	14.786	0.03
-50.865	13.675	0.03
-49.727	12.537	0.01
-49.158	11.968	0.01
-53.086	16.492	0.05
-52.517	15.924	0.04
-51.948	15.355	0.04
-51.406	14.813	0.03
-50.269	13.675	0.03
-49.700	13.106	0.01
-49.158	12.564	0.01
-48.589	11.996	0.01
-52.517	16.465	0.05
-51.975	15.924	0.03
-51.406	15.355	0.03
-50.837	14.786	0.03
-49.727	13.675	0.01
-49.158	13.106	0.00
-48.589	12.537	0.00
-52.544	17.034	0.05
-51.975	16.465	0.04
-51.406	15.897	0.04
-50.865	15.355	0.02
-50.296	14.786	0.01
-48.616	13.106	0.00
-48.047	12.537	0.00
-51.975	17.007	0.04
-51.433	16.465	0.03
-50.865	15.897	0.02
-50.296	15.328	0.01
-49.185	14.217	0.00
-48.616	13.648	0.00
-48.047	13.079	0.00
-52.002	17.630	0.04
-51.406	17.034	0.03
-50.837	16.465	0.02
-50.296	15.924	0.02

-26.689	22.284	-0.02
-27.265	21.748	0.03
-22.942	25.610	0.30
-23.503	25.088	0.06
-24.021	24.547	-0.45
-24.585	23.965	-0.53
-25.103	23.424	-0.36
-25.639	22.810	-0.14
-26.169	22.315	-0.04
-26.716	21.776	0.02
-22.395	25.609	0.33
-22.871	25.020	0.18
-23.446	24.514	-0.30
-24.022	23.978	-0.54
-24.570	23.439	-0.41
-25.104	22.854	-0.17
-25.624	22.284	-0.05
-26.243	21.766	0.00
-26.718	21.207	0.04
-22.366	25.067	0.26
-22.970	24.563	-0.11
-23.519	23.995	-0.52
-24.038	23.424	-0.44
-24.571	22.869	-0.22
-25.090	22.299	-0.07
-25.639	21.730	-0.01
-26.171	21.205	0.03
-22.383	24.484	0.04
-22.916	23.929	-0.44
-23.461	23.420	-0.46
-24.039	22.855	-0.27
-24.545	22.268	-0.10
-25.092	21.729	-0.02
-25.611	21.158	0.02
-26.172	20.636	0.04
-21.879	24.501	0.18
-22.428	23.933	-0.26

-49.700	15.328	0.01
-49.158	14.786	0.00
-48.589	14.217	0.01
-48.047	13.675	0.00
-47.478	13.106	-0.01
-51.406	17.576	0.03
-50.865	17.034	0.02
-50.296	16.465	0.01
-49.806	16.028	0.01
-49.226	15.434	0.00
-48.701	14.902	0.00
-48.047	14.217	0.00
-51.433	18.145	0.03
-50.865	17.576	0.02
-50.424	17.052	0.02
-49.834	16.576	0.01
-49.282	16.014	0.01
-48.730	15.451	0.00
-47.505	14.217	-0.01
-46.964	13.675	-0.01
-50.865	18.118	0.03
-49.833	17.124	0.01
-49.254	16.530	0.00
-48.701	15.967	0.00
-48.160	15.450	-0.01
-47.603	14.946	-0.01
-46.937	14.190	-0.01
-50.892	18.687	0.03
-50.354	18.232	0.02
-49.821	17.626	0.02
-48.695	16.573	0.00
-48.143	16.011	-0.01
-47.632	15.495	-0.01
-47.052	14.901	-0.01
-49.831	18.218	0.02
-49.219	17.652	0.00
-48.699	17.062	0.00

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-23.421	22.802	-0.32
-24.057	22.271	-0.14
-24.531	21.712	-0.04
-25.093	21.160	0.01
-25.667	20.683	0.03
-21.285	24.541	0.26
-21.865	23.945	-0.05
-22.427	23.393	-0.44
-22.931	22.836	-0.35
-23.435	22.279	-0.17
-23.998	21.727	-0.06
-24.503	21.140	-0.01
-25.078	20.633	0.02
-25.609	20.109	0.04
-21.304	23.928	0.11
-21.882	23.362	-0.33
-22.372	22.789	-0.36
-22.917	22.280	-0.21
-23.419	21.753	-0.08
-23.956	21.138	-0.02
-24.531	20.632	0.01
-25.093	20.080	0.03
-20.772	23.913	0.21
-21.304	23.388	-0.15
-21.837	22.834	-0.38
-22.356	22.263	-0.24
-23.438	21.140	-0.03
-24.028	20.620	0.00
-24.532	20.063	0.02
-25.095	19.511	0.03
-20.789	23.330	0.00
-21.293	22.773	-0.32
-21.854	22.250	-0.27
-22.372	21.709	-0.14
-22.889	21.168	-0.04
-24.028	20.080	0.01

-48.128	16.542	-0.01
-47.638	15.954	-0.01
-47.035	15.462	-0.02
-50.323	19.256	0.02
-49.818	18.720	0.01
-48.157	17.091	-0.01
-47.602	16.558	-0.01
-47.009	15.949	-0.02
-46.431	15.518	-0.02
-45.895	14.941	-0.02
-49.757	19.264	0.01
-48.694	18.185	-0.01
-48.112	17.621	-0.01
-47.571	17.104	-0.02
-46.957	16.567	-0.02
-46.462	16.037	-0.02
-45.923	15.490	-0.03
-49.756	19.811	0.00
-48.661	18.760	-0.01
-48.125	18.184	-0.02
-47.586	17.637	-0.02
-47.002	17.102	-0.02
-46.431	16.583	-0.02
-45.354	15.489	-0.03
-49.214	19.841	-0.01
-48.710	19.236	-0.01
-48.142	18.688	-0.02
-47.571	18.169	-0.02
-47.016	17.635	-0.03
-46.446	17.116	-0.03
-45.877	16.567	-0.03
-45.352	16.036	-0.03
-48.631	19.824	-0.02
-48.076	19.291	-0.02
-47.567	18.745	-0.02
-47.002	18.167	-0.03
-46.415	17.662	-0.03

-24.487	19.534	0.02
-20.152	23.351	0.14
-20.746	22.772	-0.21
-21.319	22.295	-0.28
-21.823	21.738	-0.17
-22.344	21.137	-0.06
-22.920	20.601	-0.02
-23.466	20.093	0.01
-24.000	19.508	0.02
-24.563	18.956	0.02
-20.257	22.775	-0.05
-20.777	22.205	-0.27
-21.293	21.693	-0.18
-21.810	21.152	-0.08
-22.375	20.570	-0.02
-22.906	20.045	0.00
-23.467	19.523	0.01
-23.986	18.952	0.02
-19.650	22.799	0.08
-20.198	22.231	-0.21
-20.746	21.692	-0.20
-21.307	21.170	-0.10
-21.854	20.631	-0.04
-22.387	20.077	-0.01
-22.923	19.462	0.00
-23.469	18.954	0.01
-24.002	18.399	0.01
-19.667	22.216	-0.09
-20.198	21.691	-0.20
-20.763	21.109	-0.12
-21.334	20.662	-0.05
-21.826	20.059	-0.02
-22.343	19.518	-0.01
-22.937	18.939	0.00
-23.425	18.395	0.01
-19.104	22.228	0.04
-20.169	21.149	-0.13

-45.876	17.115	-0.03
-42.539	21.488	-0.41
-41.957	20.923	-0.30
-41.416	20.406	-0.19
-40.850	19.828	-0.11
-44.738	24.211	0.36
-44.118	23.733	0.33
-43.585	23.127	0.21
-43.035	22.535	0.03
-42.526	21.990	0.03
-41.972	21.457	-0.34
-41.461	20.941	-0.41
-44.704	24.786	0.40
-44.136	24.237	0.39
-43.671	23.709	0.35
-43.029	23.141	0.31
-42.477	22.579	0.24
-41.968	22.033	0.12
-41.416	21.471	-0.10
-40.831	20.936	-0.21
-40.279	20.373	-0.17
-43.596	24.237	0.39
-43.000	23.657	0.37
-42.459	23.140	0.35
-41.939	22.549	0.31
-41.371	22.001	0.25
-40.830	21.483	0.15
-40.218	20.917	-0.16
-43.535	24.781	0.40
-43.061	24.178	0.39
-42.472	23.703	0.37
-41.922	23.111	0.35
-41.478	22.509	0.33
-40.845	22.016	0.29
-40.304	21.499	0.23
-39.735	20.950	0.14
-43.030	24.724	0.39

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-21.294	20.044	-0.02
-21.827	19.490	-0.01
-22.374	18.951	0.00
-22.921	18.413	0.00
-23.455	17.858	0.01
-19.137	21.631	-0.11
-19.651	21.150	-0.13
-20.762	20.029	-0.02
-21.296	19.475	-0.01
-21.798	18.947	-0.01
-22.346	18.379	0.00
-22.907	17.857	0.01
-18.527	21.685	0.00
-19.594	20.576	-0.07
-20.187	19.996	-0.03
-20.719	19.471	-0.02
-21.268	18.903	-0.01
-21.829	18.380	-0.01
-22.360	17.856	0.00
-22.909	17.287	0.01
-18.543	21.132	-0.07
-19.119	20.595	-0.07
-19.625	20.008	-0.03
-20.232	19.445	-0.02
-20.734	18.918	-0.02
-21.266	18.393	-0.01
-21.846	17.797	0.00
-22.421	17.291	0.00
-17.954	21.082	-0.02
-18.503	20.513	-0.06
-19.105	20.040	-0.04
-19.654	19.471	-0.02
-20.201	18.933	-0.01
-20.719	18.392	-0.01
-21.283	17.810	-0.01
-21.801	17.269	0.00

-42.519	24.208	0.38
-41.935	23.673	0.37
-41.401	23.067	0.35
-40.828	22.577	0.33
-40.321	22.003	0.30
-39.710	21.437	0.26
-43.603	25.924	0.40
-43.026	25.301	0.39
-41.928	24.279	0.38
-41.365	23.672	0.36
-40.872	23.113	0.36
-39.720	22.029	0.30
-39.162	21.423	0.27
-43.055	25.849	0.40
-42.485	25.330	0.40
-41.965	24.739	0.38
-41.383	24.175	0.37
-40.844	23.629	0.40
-43.109	26.459	0.40
-42.532	25.836	0.39
-41.931	25.315	0.40
-41.390	24.797	0.39
-39.162	22.590	0.31
-38.620	21.965	0.29
-42.484	26.395	0.39
-41.973	25.879	0.38
-41.362	25.313	0.38
-40.855	24.738	0.36
-39.208	23.125	0.32
-38.609	22.575	0.30
-42.548	27.030	0.40
-41.913	26.423	0.39
-41.377	25.846	0.38
-40.835	25.329	0.37
-39.160	23.684	0.33
-38.638	23.123	0.31
-38.051	22.533	0.29

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-17.995	20.591	-0.04
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-19.671	18.888	-0.01
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-18.498	19.524	-0.02
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-19.067	18.312	-0.01
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-16.902	20.019	0.01
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-18.504	18.325	-0.01
-19.096	17.775	-0.01
-19.697	17.331	-0.01
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-38.051	23.075	0.33
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-39.189	24.755	0.34
-38.620	24.186	0.33
-38.078	23.644	0.32
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-39.189	25.297	0.34
-38.078	24.186	0.32
-37.509	23.617	0.32
-40.868	27.572	0.37
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-39.758	27.003	0.36
-38.674	25.920	0.34
-38.078	25.324	0.32
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-39.216	27.003	0.33
-38.647	26.434	0.34
-38.078	25.866	0.31
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-18.534	16.138	0.00
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-39.758	28.683	0.34
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-38.674	27.545	0.32
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-19.131	13.904	0.01
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-60.119	23.061	0.27
-59.736	28.999	0.26
-59.736	28.233	0.21
-59.736	27.428	0.21
-59.699	26.772	0.25
-59.709	25.943	0.27
-59.714	25.196	0.27
-59.736	24.249	0.27
-59.736	23.444	0.27
-59.353	29.421	0.29
-59.353	28.616	0.24
-59.412	27.934	0.19
-59.331	27.181	0.20
-59.339	26.392	0.25
-59.346	25.604	0.27
-59.376	24.797	0.27

-18.562	12.793	0.01
-14.092	16.721	0.05
-14.634	16.180	0.04
-15.203	15.611	0.03
-15.799	15.015	0.02
-16.287	14.527	0.02
-17.452	13.362	0.02
-18.048	12.766	0.02
-13.524	16.748	0.06
-14.092	16.180	0.05
-14.661	15.611	0.03
-15.203	15.069	0.03
-15.772	14.500	0.02
-16.910	13.362	0.02
-17.424	12.848	0.02
-18.020	12.252	0.02
-13.551	16.180	0.06
-14.092	15.638	0.04
-14.661	15.069	0.03
-15.257	14.473	0.03
-16.341	13.389	0.02
-16.910	12.820	0.03
-17.479	12.252	0.03
-12.982	16.207	0.07
-13.524	15.611	0.05
-14.120	15.069	0.04
-14.661	14.527	0.03
-15.230	13.958	0.03
-15.799	13.389	0.03
-16.368	12.820	0.03
-17.479	11.710	0.04
-19.130	30.050	0.34
-19.896	30.050	0.35
-20.701	30.050	0.37
-21.506	30.050	0.39
-22.272	30.050	0.39
-23.076	30.050	0.40

-59.353	23.866	0.26
-59.353	23.099	0.25
-58.970	28.999	0.27
-58.958	28.357	0.21
-58.944	27.567	0.18
-58.954	26.737	0.20
-58.961	25.949	0.25
-58.945	25.200	0.26
-58.907	24.450	0.25
-58.970	23.444	0.25
-58.587	29.421	0.28
-58.529	28.719	0.25
-58.580	27.913	0.20
-58.528	26.373	0.21
-58.536	25.585	0.24
-58.539	24.859	0.25
-58.549	24.029	0.24
-58.168	28.339	0.23
-58.136	27.506	0.17
-58.186	26.721	0.16
-58.149	25.950	0.21
-58.219	25.187	0.24
-58.140	24.413	0.24
-57.782	29.421	0.27
-57.804	28.685	0.25
-57.790	27.895	0.23
-57.755	27.104	0.15
-57.781	26.359	0.15
-57.766	25.589	0.21
-57.777	24.739	0.23
-57.673	24.025	0.22
-57.702	23.239	0.22
-57.377	29.027	0.25
-57.404	28.261	0.22
-57.387	27.512	0.17
-57.375	26.702	0.12
-57.358	25.953	0.15

-23.881	30.050	0.41
-24.685	30.050	0.43
-18.709	29.629	0.33
-19.513	29.629	0.35
-20.318	29.629	0.38
-21.889	29.629	0.39
-23.498	29.629	0.41
-24.264	29.629	0.42
-25.068	29.629	0.42
-19.130	29.246	0.35
-19.896	29.246	0.37
-20.701	29.246	0.38
-21.506	29.246	0.39
-22.272	29.246	0.40
-23.076	29.246	0.41
-23.881	29.246	0.41
-24.685	29.246	0.42
-18.709	28.863	0.35
-19.513	28.863	0.36
-20.318	28.863	0.38
-21.084	28.863	0.39
-21.889	28.863	0.40
-22.693	28.863	0.41
-23.498	28.863	0.41
-24.264	28.863	0.42
-25.068	28.863	0.43
-19.130	28.480	0.36
-19.896	28.480	0.37
-20.701	28.480	0.38
-21.506	28.480	0.39
-22.272	28.480	0.41
-23.076	28.480	0.41
-23.881	28.480	0.42
-24.685	28.480	0.43
-18.671	28.058	0.36
-19.513	28.058	0.37
-20.318	28.058	0.38

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-57.328	24.415	0.22
-57.334	23.647	0.21
-56.989	29.413	0.24
-56.909	28.660	0.23
-56.957	27.895	0.19
-56.986	27.108	0.14
-56.992	26.341	0.10
-56.957	25.549	0.16
-56.920	24.778	0.21
-56.993	23.974	0.21
-56.932	23.243	0.20
-56.585	29.050	0.22
-56.656	28.267	0.21
-56.642	27.477	0.17
-56.605	26.706	0.11
-56.590	25.937	0.09
-56.554	25.166	0.17
-56.540	24.376	0.19
-56.545	23.629	0.20
-56.184	28.626	0.20
-56.169	27.857	0.18
-56.195	27.111	0.14
-56.204	26.302	0.08
-56.146	25.530	0.09
-56.152	24.762	0.17
-56.116	23.992	0.19
-56.143	23.225	0.18
-55.840	28.995	0.19
-55.826	28.205	0.18
-55.809	27.477	0.15
-55.730	26.703	0.10
-55.803	25.878	0.05
-55.743	25.147	0.09
-55.750	24.359	0.16
-55.819	23.616	0.17
-55.449	29.443	0.17

-21.084	28.058	0.39
-21.927	28.058	0.40
-22.693	28.058	0.41
-23.498	28.058	0.42
-24.264	28.058	0.43
-25.068	28.058	0.43
-19.130	27.675	0.37
-19.896	27.675	0.38
-20.701	27.675	0.39
-21.357	27.638	0.40
-22.187	27.648	0.41
-22.934	27.653	0.42
-23.881	27.675	0.42
-24.685	27.675	0.43
-18.709	27.292	0.36
-19.513	27.292	0.37
-20.195	27.351	0.38
-20.949	27.270	0.39
-21.737	27.278	0.40
-22.525	27.285	0.41
-23.333	27.315	0.42
-24.264	27.292	0.42
-25.030	27.292	0.41
-19.130	26.909	0.37
-20.563	26.883	0.39
-21.392	26.893	0.40
-22.181	26.900	0.40
-22.929	26.883	0.41
-23.679	26.846	0.41
-24.685	26.909	0.39
-18.709	26.526	0.36
-19.411	26.468	0.37
-20.216	26.519	0.38
-21.005	26.526	0.39
-21.756	26.467	0.39
-22.545	26.474	0.39
-23.271	26.478	0.39

-55.437	28.611	0.16
-55.445	27.823	0.16
-55.407	27.073	0.13
-55.369	26.323	0.07
-55.377	25.534	0.03
-55.319	24.762	0.10
-55.367	23.998	0.16
-55.372	23.251	0.16
-55.028	28.996	0.14
-55.037	28.187	0.14
-54.978	27.435	0.13
-55.004	26.690	0.10
-54.986	25.962	0.05
-54.931	25.148	0.02
-54.980	24.384	0.12
-54.987	23.595	0.15
-54.642	29.361	0.09
-54.647	28.614	0.11
-54.631	27.845	0.12
-54.595	27.074	0.11
-54.602	26.286	0.08
-54.566	25.515	0.01
-54.616	24.730	0.02
-54.578	23.980	0.12
-54.585	23.192	0.14
-54.242	28.937	0.06
-54.204	28.187	0.08
-54.231	27.421	0.09
-54.215	26.672	0.09
-54.198	25.923	0.05
-54.234	24.348	0.04
-54.172	23.638	0.11
-53.806	29.402	0.07
-53.816	28.573	0.03
-53.885	27.831	0.06
-53.847	27.080	0.07
-53.790	26.287	0.06

-24.101	26.488	0.36
-19.790	26.107	0.37
-20.623	26.075	0.37
-21.408	26.124	0.38
-22.179	26.088	0.38
-22.942	26.158	0.37
-23.716	26.079	0.33
-18.709	25.721	0.35
-19.444	25.743	0.36
-21.025	25.694	0.36
-21.771	25.720	0.36
-22.540	25.705	0.34
-23.390	25.716	0.29
-24.104	25.612	0.16
-24.891	25.641	-0.06
-19.103	25.316	0.35
-19.869	25.343	0.35
-20.617	25.326	0.35
-21.428	25.314	0.34
-22.176	25.297	0.31
-22.990	25.242	0.23
-23.715	25.267	0.09
-24.482	25.273	-0.16
-18.716	24.928	0.34
-19.470	24.847	0.34
-20.234	24.896	0.33
-21.021	24.925	0.32
-21.789	24.931	0.28
-22.580	24.896	0.17
-23.351	24.859	-0.02
-24.886	24.871	-0.41
-19.079	24.524	0.33
-19.862	24.595	0.32
-20.652	24.581	0.30
-21.423	24.544	0.25
-22.192	24.529	0.11
-22.963	24.493	-0.11

-53.819	25.501	0.02
-53.845	24.755	-0.03
-53.810	23.964	0.06
-53.817	23.175	0.11
-53.473	28.921	-0.01
-53.437	28.150	0.01
-53.440	27.424	0.04
-53.424	26.675	0.04
-53.411	25.864	0.04
-53.060	29.367	0.36
-53.047	28.577	-0.05
-53.053	27.810	-0.02
-53.080	27.044	0.02
-53.086	26.276	0.03
-52.660	28.943	0.35
-52.665	28.196	-0.09
-52.652	27.385	-0.03
-52.741	26.665	0.01
-52.662	25.891	0.01
-52.271	29.349	0.47
-52.276	28.602	0.31
-52.261	27.833	-0.12
-52.271	27.004	-0.05
-51.872	28.904	0.45
-51.895	28.200	0.24
-51.479	29.373	0.47
-51.449	27.834	0.13
-51.459	27.005	-0.17
-51.099	28.971	0.47
-51.127	28.184	0.43
-51.070	27.412	0.08
-50.647	29.352	0.47
-50.633	28.562	0.47
-50.724	27.801	0.41
-50.329	28.975	0.46
-50.229	28.200	0.46
-50.280	27.394	0.38

-23.753	24.479	-0.38
-24.500	24.483	-0.51
-18.670	24.156	0.32
-19.503	24.123	0.30
-20.273	24.108	0.27
-21.018	24.134	0.21
-21.827	24.143	0.05
-22.599	24.085	-0.25
-23.367	24.091	-0.45
-24.138	24.054	-0.53
-24.904	24.082	-0.52
-19.135	23.779	0.29
-19.925	23.765	0.25
-20.653	23.748	0.17
-21.427	23.669	-0.04
-22.252	23.742	-0.29
-22.983	23.682	-0.48
-23.771	23.689	-0.50
-24.513	23.758	-0.48
-18.687	23.388	0.28
-19.518	23.376	0.23
-20.306	23.384	0.12
-21.056	23.346	-0.09
-21.807	23.308	-0.34
-22.595	23.315	-0.44
-23.367	23.258	-0.42
-24.132	23.306	-0.41
-24.879	23.311	-0.36
-19.134	22.967	0.20
-19.943	22.976	0.08
-20.694	22.917	-0.16
-21.440	22.943	-0.33
-22.168	22.925	-0.38
-22.981	22.870	-0.35
-23.746	22.919	-0.33
-24.534	22.926	-0.25
-18.768	22.581	0.18

-48.132	26.840	0.45
-52.080	31.227	0.47
-51.449	30.704	0.47
-50.975	30.101	0.47
-50.386	29.626	0.47
-49.836	29.034	0.47
-60.458	21.278	0.25
-59.889	20.709	0.23
-59.320	20.140	0.21
-58.210	19.029	0.19
-57.641	18.460	0.17
-57.072	17.891	0.15
-61.000	22.415	0.27
-60.431	21.847	0.26
-59.862	21.278	0.25
-59.320	20.736	0.22
-57.614	19.029	0.18
-57.072	18.487	0.16
-56.503	17.919	0.14
-60.431	22.388	0.27
-59.889	21.847	0.25
-59.320	21.278	0.23
-58.752	20.709	0.22
-57.641	19.598	0.18
-57.072	19.029	0.17
-56.503	18.460	0.15
-60.458	22.957	0.28
-59.889	22.388	0.26
-59.320	21.820	0.24
-58.779	21.278	0.22
-57.641	20.140	0.20
-57.072	19.571	0.17
-56.530	19.029	0.16
-55.961	18.460	0.14
-59.889	22.930	0.27
-59.348	22.388	0.25
-58.779	21.820	0.23

-19.515	22.586	0.04
-20.284	22.570	-0.15
-21.055	22.534	-0.29
-22.614	22.505	-0.29
-23.399	22.555	-0.25
-24.150	22.517	-0.18
-24.938	22.524	-0.12
-19.193	22.180	-0.01
-19.943	22.143	-0.17
-20.709	22.170	-0.26
-21.457	22.153	-0.25
-22.206	22.137	-0.22
-22.951	22.163	-0.18
-23.781	22.173	-0.12
-24.491	22.111	-0.08
-18.727	21.745	-0.03
-19.557	21.755	-0.15
-20.299	21.823	-0.20
-21.049	21.786	-0.19
-21.842	21.729	-0.17
-22.629	21.758	-0.13
-23.374	21.784	-0.09
-24.166	21.749	-0.05
-24.954	21.756	-0.03
-19.209	21.412	-0.12
-19.980	21.376	-0.15
-20.706	21.379	-0.15
-21.454	21.363	-0.12
-22.265	21.350	-0.08
-23.012	21.355	-0.05
-23.778	21.382	-0.03
-24.549	21.346	-0.01
-18.763	20.999	-0.08
-19.552	20.985	-0.10
-20.320	20.992	-0.10
-21.086	21.019	-0.08
-21.854	21.025	-0.06

-58.210	21.251	0.21
-57.099	20.140	0.18
-56.530	19.571	0.16
-55.961	19.002	0.14
-59.916	23.553	0.27
-59.320	22.957	0.25
-58.752	22.388	0.24
-58.210	21.847	0.22
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-57.072	20.709	0.18
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-55.961	19.598	0.15
-55.392	19.029	0.13
-59.320	23.499	0.26
-58.779	22.957	0.24
-58.210	22.388	0.23
-57.720	21.951	0.21
-57.140	21.357	0.19
-56.615	20.825	0.18
-55.961	20.140	0.15
-55.392	19.571	0.15
-59.348	24.068	0.27
-58.779	23.499	0.25
-58.338	22.975	0.23
-57.748	22.499	0.22
-57.196	21.937	0.20
-56.644	21.374	0.18
-56.094	20.782	0.16
-55.419	20.140	0.14
-54.878	19.598	0.12
-58.779	24.041	0.26
-58.316	23.595	0.24
-57.747	23.047	0.22
-57.168	22.453	0.20
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-56.074	21.373	0.17
-55.517	20.869	0.15

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-23.436	20.955	-0.02
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-24.951	20.965	0.02
-19.187	20.599	-0.07
-19.934	20.604	-0.06
-20.744	20.591	-0.05
-21.464	20.680	-0.04
-22.238	20.601	-0.02
-22.987	20.584	-0.01
-23.816	20.594	0.01
-24.546	20.555	0.02
-18.780	20.210	-0.03
-20.296	20.199	-0.03
-21.126	20.209	-0.02
-21.873	20.214	-0.01
-22.642	20.199	0.00
-23.410	20.205	0.01
-24.177	20.211	0.02
-24.947	20.196	0.03
-19.225	19.811	-0.02
-19.929	19.834	-0.02
-21.507	19.828	0.00
-22.277	19.813	0.00
-23.005	19.795	0.01
-23.794	19.781	0.02
-24.561	19.808	0.03
-18.756	19.418	-0.01
-20.295	19.387	-0.01
-21.125	19.397	0.00
-21.872	19.402	0.00
-22.661	19.388	0.01
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-24.964	19.406	0.02
-19.159	19.038	-0.01
-19.945	19.066	-0.01

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-57.183	22.986	0.21
-56.609	22.496	0.19
-56.057	21.934	0.18
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-57.133	23.575	0.21
-56.613	22.985	0.19
-56.042	22.465	0.18
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-54.949	21.385	0.14
-58.237	25.179	0.24
-57.732	24.643	0.23
-56.071	23.014	0.18
-55.516	22.481	0.17
-54.923	21.872	0.15
-54.345	21.441	0.13
-53.809	20.864	0.11
-57.672	25.187	0.23
-57.149	24.626	0.21
-56.608	24.108	0.20
-56.026	23.544	0.18
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-54.871	22.490	0.15
-54.376	21.960	0.13
-53.837	21.413	0.11
-57.670	25.734	0.19
-57.081	25.258	0.20
-56.575	24.683	0.19
-56.039	24.107	0.18
-55.500	23.560	0.17
-54.916	23.025	0.15
-54.345	22.506	0.14
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-22.274	19.022	0.00
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-23.852	19.015	0.02
-24.616	19.064	0.03
-18.777	18.586	0.00
-19.567	18.572	-0.01
-20.329	18.663	0.00
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-21.886	18.655	0.00
-22.635	18.639	0.01
-23.445	18.626	0.02
-24.194	18.610	0.03
-25.003	18.618	0.03
-19.154	18.268	0.00
-19.930	18.168	0.00
-20.736	18.219	0.00
-21.543	18.249	0.01
-22.288	18.275	0.01
-23.058	18.260	0.01
-23.784	18.263	0.03
-18.771	17.838	0.00
-19.561	17.824	0.00
-20.264	17.869	0.00
-21.119	17.816	0.00
-21.907	17.823	0.01
-22.652	17.849	0.01
-23.441	17.857	0.02
-24.232	17.822	0.02
-25.020	17.829	0.03
-19.943	17.442	0.00
-20.774	17.431	0.00
-21.523	17.414	0.00
-22.308	17.464	0.01
-23.098	17.450	0.02
-23.846	17.434	0.02

-53.268	21.412	0.10
-57.128	25.764	0.15
-56.624	25.159	0.16
-56.056	24.611	0.17
-55.485	24.092	0.17
-54.931	23.558	0.15
-54.360	23.039	0.14
-53.791	22.490	0.12
-53.267	21.959	0.11
-57.157	26.313	0.12
-56.545	25.747	0.10
-55.990	25.214	0.11
-55.482	24.668	0.13
-54.916	24.090	0.13
-54.329	23.585	0.13
-53.790	23.038	0.12
-49.392	28.432	0.47
-48.759	27.939	0.46
-48.218	27.422	0.45
-47.650	26.873	0.45
-51.508	31.255	0.47
-50.944	30.647	0.47
-50.433	30.131	0.47
-49.849	29.596	0.47
-49.315	28.990	0.46
-48.742	28.500	0.46
-48.236	27.926	0.45
-47.624	27.360	0.45
-51.517	31.847	0.46
-50.940	31.224	0.46
-50.386	30.690	0.46
-49.842	30.202	0.46
-49.279	29.595	0.46
-48.786	29.036	0.47
-48.205	28.471	0.45
-47.634	27.952	0.45
-47.076	27.346	0.45

-24.679	17.401	0.03
-18.786	17.091	0.00
-19.601	17.015	0.00
-20.362	17.106	0.00
-21.116	17.025	0.00
-21.923	17.055	0.01
-22.662	17.166	0.01
-23.458	17.067	0.02
-24.207	17.051	0.02
-24.997	17.037	0.03
-19.170	16.666	0.03
-19.999	16.698	0.00
-20.725	16.701	0.00
-21.516	16.666	0.01
-22.322	16.717	0.01
-23.074	16.658	0.02
-23.838	16.707	0.02
-24.671	16.674	0.03
-18.745	16.255	0.00
-19.594	16.287	0.01
-20.363	16.273	0.02
-21.092	16.233	0.01
-21.920	16.264	0.01
-22.664	16.312	0.00
-23.475	16.300	0.02
-24.245	16.263	0.02
-25.068	16.297	0.03
-19.186	15.920	0.01
-19.956	15.884	0.00
-20.741	15.934	0.01
-21.552	15.921	0.02
-23.109	15.913	0.02
-23.839	15.874	0.02
-24.668	15.884	0.02
-18.716	15.527	0.01
-19.565	15.559	0.00
-20.358	15.503	0.01

-50.969	31.772	0.46
-50.399	31.253	0.46
-49.879	30.662	0.46
-49.297	30.098	0.46
-48.758	29.552	0.46
-48.190	29.003	0.46
-47.646	28.515	0.45
-47.067	27.921	0.45
-51.023	32.382	0.45
-50.446	31.759	0.46
-49.845	31.238	0.46
-49.304	30.720	0.46
-48.738	30.142	0.45
-48.199	29.595	0.45
-47.077	28.513	0.45
-46.534	27.888	0.44
-50.398	32.318	0.45
-49.887	31.802	0.45
-49.276	31.236	0.45
-48.769	30.661	0.45
-48.184	30.127	0.45
-47.600	29.592	0.45
-47.122	29.048	0.45
-46.523	28.498	0.44
-50.462	32.953	0.45
-49.827	32.346	0.45
-49.291	31.769	0.45
-48.749	31.252	0.45
-48.153	30.672	0.45
-47.599	30.139	0.44
-47.074	29.607	0.44
-46.552	29.046	0.44
-45.965	28.456	0.43
-49.893	32.926	0.45
-49.346	32.349	0.45
-48.762	31.815	0.45
-48.166	31.235	0.44

-21.107	15.486	0.01
-21.916	15.495	0.01
-22.683	15.501	0.02
-24.243	15.472	0.03
-25.068	15.531	0.03
-19.203	15.130	0.01
-19.929	15.133	0.01
-20.762	15.101	0.01
-21.527	15.150	0.01
-22.318	15.114	0.01
-23.109	15.080	0.02
-23.833	15.126	0.02
-24.645	15.091	0.03
-18.709	14.726	0.01
-19.588	14.707	0.01
-20.374	14.735	0.01
-21.123	14.718	0.01
-21.954	14.707	0.01
-22.723	14.692	0.02
-23.470	14.697	0.02
-24.236	14.724	0.03
-25.068	14.726	0.03
-19.130	14.343	0.01
-19.925	14.364	0.01
-20.716	14.329	0.01
-21.547	14.318	0.01
-22.313	14.345	0.02
-23.122	14.354	0.02
-23.881	14.343	0.02
-24.685	14.343	0.03
-18.709	13.960	0.01
-19.513	13.960	0.01
-20.318	13.960	0.01
-21.084	13.960	0.01
-21.889	13.960	0.01
-22.693	13.960	0.02
-23.498	13.960	0.02

-47.644	30.674	0.44
-47.078	30.096	0.44
-45.965	28.998	0.43
-49.920	33.495	0.45
-49.351	32.926	0.44
-48.783	32.357	0.44
-48.241	31.816	0.44
-47.672	31.247	0.44
-47.103	30.678	0.44
-45.423	28.998	0.43
-49.351	33.468	0.44
-48.810	32.926	0.44
-48.241	32.357	0.44
-47.672	31.734	0.44
-47.103	31.220	0.44
-46.561	30.678	0.44
-45.423	29.540	0.43
-49.351	34.064	0.44
-48.783	33.495	0.44
-48.214	32.926	0.44
-47.103	31.816	0.44
-46.534	31.247	0.44
-45.965	30.678	0.43
-45.423	30.136	0.43
-44.854	29.567	0.42
-48.783	34.037	0.43
-48.241	33.495	0.43
-47.672	32.926	0.43
-47.076	32.330	0.43
-46.588	31.843	0.43
-45.992	31.247	0.43
-45.423	30.678	0.43
-44.827	30.082	0.42
-48.810	34.606	0.42
-48.241	34.037	0.42
-47.672	33.468	0.42
-47.130	32.926	0.43

-24.264	13.960	0.03
-25.068	13.960	0.03
-19.130	13.577	0.01
-19.896	13.577	0.06
-20.701	13.577	0.06
-21.544	13.615	0.08
-22.310	13.577	0.09
-23.076	13.577	0.02
-23.881	13.577	0.02
-24.685	13.577	0.03
-18.709	13.155	0.02
-19.513	13.155	0.02
-20.318	13.155	0.01
-21.889	13.155	0.02
-22.693	13.155	0.02
-23.498	13.155	0.02
-24.264	13.155	0.03
-25.068	13.155	0.03
-19.130	12.772	0.02
-19.896	12.772	0.02
-20.701	12.772	0.02
-21.544	12.772	0.01
-22.233	12.772	0.02
-23.076	12.772	0.02
-23.881	12.772	0.03
-24.724	12.772	0.03
-18.709	12.389	0.02
-19.513	12.389	0.02
-20.318	12.389	0.02
-21.084	12.389	0.03
-21.889	12.389	0.02
-22.693	12.389	0.01
-23.498	12.389	0.02
-24.226	12.389	0.03
-25.068	12.389	0.03
-19.130	12.006	0.03
-19.896	12.006	0.02

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-45.992	31.789	0.40
-45.423	31.220	0.42
-44.909	30.705	0.42
-44.313	30.109	0.42
-48.241	34.579	0.42
-47.699	34.037	0.42
-47.130	33.468	0.41
-46.534	32.872	0.41
-45.992	32.330	0.44
-45.450	31.789	0.41
-44.882	31.220	0.41
-44.313	30.651	0.41
-48.268	35.148	0.43
-47.672	34.606	0.42
-47.130	34.010	0.42
-46.588	33.468	0.41
-46.019	32.899	0.41
-45.450	32.330	0.40
-44.882	31.761	0.44
-44.340	31.220	0.40
-43.771	30.651	0.40
-47.672	35.148	0.43
-47.130	34.606	0.42
-46.561	34.037	0.41
-45.992	33.468	0.41
-52.637	28.536	-0.01
-52.057	27.942	-0.09
-51.532	27.410	-0.15
-50.964	26.862	-0.18
-50.442	26.301	-0.20
-49.917	25.769	-0.18
-49.348	25.221	-0.18
-53.193	29.587	0.40
-52.657	29.010	0.31
-52.070	28.505	0.29
-51.506	27.897	0.14

-20.701	12.006	0.02
-21.544	12.006	0.02
-22.310	12.006	0.04
-23.076	12.006	0.02
-23.881	12.006	0.03
-24.685	12.006	0.03
-18.709	11.623	0.04
-19.513	11.585	0.03
-20.318	11.623	0.02
-21.084	11.623	0.02
-21.889	11.623	0.02
-22.693	11.623	0.02
-23.498	11.623	0.03
-25.068	11.623	0.03
-34.224	34.862	0.44
-34.766	34.320	0.43
-35.335	33.751	0.43
-35.904	33.182	0.44
-36.445	32.641	0.40
-37.014	32.072	0.36
-37.583	31.503	0.34
-38.152	30.934	0.33
-33.628	34.862	0.43
-34.197	34.293	0.43
-34.766	33.724	0.44
-35.308	33.182	0.44
-35.876	32.613	0.41
-37.014	31.476	0.34
-37.556	30.934	0.33
-38.125	30.365	0.31
-33.655	34.293	0.43
-34.197	33.751	0.43
-34.766	33.182	0.43
-35.335	32.613	0.41
-35.876	32.072	0.37
-33.086	34.320	0.43
-33.655	33.751	0.43

-50.454	26.863	-0.07
-49.858	26.284	-0.20
-49.352	25.709	-0.25
-53.143	30.176	0.48
-52.575	29.627	0.47
-52.101	29.024	0.45
-51.532	28.475	0.43
-50.994	27.928	0.37
-50.453	27.411	0.33
-49.871	26.846	0.22
-49.330	26.329	0.10
-48.764	25.751	-0.05
-52.652	30.134	0.48
-52.032	29.656	0.48
-51.499	29.050	0.47
-50.949	28.458	0.46
-50.440	27.913	0.44
-49.886	27.380	0.43
-49.375	26.864	0.39
-48.804	26.344	0.36
-52.618	30.709	0.48
-52.050	30.160	0.48
-51.585	29.632	0.48
-50.943	29.064	0.47
-50.391	28.502	0.47
-49.882	27.956	0.46
-49.330	27.394	0.45
-48.745	26.859	0.44
-48.193	26.296	0.42
-51.510	30.160	0.48
-50.914	29.580	0.47
-50.373	29.063	0.47
-49.854	28.472	0.47
-49.285	27.924	0.46
-48.744	27.406	0.46
-50.641	35.973	0.43
-51.407	35.973	0.42

-34.224	33.182	0.43
-34.766	32.641	0.42
-35.335	32.072	0.37
-35.904	31.503	0.35
-37.014	30.392	0.31
-37.583	29.823	0.29
-33.113	33.751	0.43
-33.655	33.209	0.43
-34.224	32.641	0.42
-34.793	32.072	0.37
-35.335	31.530	0.34
-35.904	30.961	0.32
-36.472	30.392	0.31
-37.041	29.823	0.29
-32.490	33.778	0.43
-33.086	33.182	0.43
-33.655	32.613	0.42
-34.197	32.072	0.38
-34.793	31.476	0.33
-35.335	30.934	0.31
-35.904	30.365	0.31
-36.445	29.823	0.29
-37.014	29.254	0.27
-32.544	33.182	0.43
-33.086	32.641	0.43
-33.655	32.072	0.39
-34.093	31.582	0.33
-34.687	31.002	0.31
-35.218	30.477	0.30
-35.904	29.823	0.29
-36.472	29.254	0.27
-31.976	33.209	0.43
-32.544	32.641	0.43
-33.068	32.200	0.41
-33.544	31.610	0.35
-34.107	31.058	0.30
-34.669	30.506	0.29

-52.212	35.973	0.43
-53.016	35.973	0.44
-53.782	35.973	0.44
-54.587	35.973	0.44
-55.391	35.973	0.43
-56.196	35.973	0.42
-50.220	35.552	0.42
-51.024	35.552	0.42
-51.829	35.552	0.44
-52.595	35.552	0.44
-53.399	35.552	0.44
-55.008	35.552	0.44
-55.775	35.552	0.43
-56.579	35.552	0.43
-50.641	35.169	0.42
-51.407	35.169	0.43
-52.212	35.169	0.44
-53.016	35.169	0.45
-53.782	35.169	0.44
-54.587	35.169	0.44
-55.391	35.169	0.43
-56.196	35.169	0.43
-50.220	34.786	0.42
-51.024	34.786	0.43
-51.829	34.786	0.44
-52.595	34.786	0.44
-53.399	34.786	0.44
-54.204	34.786	0.45
-55.008	34.786	0.44
-55.775	34.786	0.43
-56.579	34.786	0.43
-50.641	34.403	0.43
-51.407	34.403	0.44
-52.212	34.403	0.44
-53.016	34.403	0.44
-53.782	34.403	0.45
-54.587	34.403	0.44

-35.261	29.956	0.29
-36.445	28.740	0.24
-32.448	32.177	0.42
-34.153	30.477	0.29
-34.671	29.936	0.28
-35.175	29.379	0.27
-31.434	32.668	0.44
-31.889	32.130	0.44
-32.495	31.597	0.39
-33.547	30.471	0.27
-34.110	29.919	0.27
-34.626	29.408	0.27
-35.219	28.828	0.24
-31.903	31.607	0.42
-32.468	30.995	0.32
-33.059	30.475	0.27
-33.578	29.904	0.26
-34.167	29.414	0.26
-34.658	28.811	0.24
-30.865	32.099	0.44
-31.400	31.594	0.43
-32.484	30.441	0.27
-33.029	29.933	0.25
-33.562	29.378	0.25
-34.172	28.785	0.24
-34.603	28.207	0.20
-35.179	27.671	0.16
-30.856	31.533	0.44
-31.417	31.011	0.40
-31.935	30.470	0.27
-32.499	29.888	0.23
-33.017	29.347	0.24
-33.553	28.733	0.23
-34.083	28.238	0.20
-34.630	27.699	0.16
-30.309	31.532	0.44
-30.785	30.943	0.42

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-56.196	34.403	0.44
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-51.829	33.981	0.44
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-53.438	33.981	0.44
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-55.008	33.981	0.45
-55.775	33.981	0.44
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-50.641	33.598	0.44
-51.407	33.598	0.44
-52.212	33.598	0.44
-52.868	33.561	0.44
-53.697	33.571	0.45
-54.444	33.576	0.45
-55.391	33.598	0.44
-56.196	33.598	0.45
-50.220	33.215	0.44
-51.024	33.215	0.44
-51.706	33.274	0.45
-52.459	33.193	0.45
-53.248	33.201	0.45
-54.036	33.208	0.45
-54.843	33.238	0.45
-55.775	33.215	0.45
-56.541	33.215	0.44
-50.641	32.832	0.45
-51.283	32.819	0.45
-52.073	32.806	0.45
-52.903	32.816	0.45
-53.691	32.823	0.46
-54.440	32.806	0.46
-55.190	32.769	0.46
-56.196	32.832	0.45
-50.220	32.449	0.44

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-31.937	29.901	0.22
-32.484	29.362	0.22
-33.018	28.777	0.22
-33.538	28.207	0.21
-34.632	27.130	0.12
-30.884	30.486	0.37
-31.433	29.918	0.23
-31.952	29.347	0.21
-32.485	28.792	0.20
-33.004	28.222	0.21
-33.553	27.653	0.16
-34.085	27.128	0.11
-30.830	29.852	0.20
-31.375	29.343	0.20
-31.954	28.778	0.21
-32.459	28.191	0.20
-33.006	27.652	0.17
-33.525	27.081	0.10
-34.086	26.559	0.08
-29.793	30.424	0.43
-30.342	29.856	0.34
-31.335	28.725	0.18
-31.971	28.194	0.18
-32.445	27.635	0.16
-33.007	27.083	0.10
-33.581	26.606	0.05
-29.199	30.464	0.44
-29.779	29.868	0.40
-30.342	29.316	0.23
-30.845	28.759	0.16
-31.349	28.202	0.17
-31.912	27.650	0.16
-32.417	27.063	0.10
-32.992	26.556	0.03
-33.523	26.032	0.06
-29.218	29.851	0.42

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-51.727	32.442	0.45
-53.267	32.390	0.46
-54.055	32.397	0.46
-54.782	32.401	0.47
-55.611	32.411	0.46
-56.579	32.449	0.44
-50.553	32.047	0.43
-51.301	32.030	0.46
-52.134	31.998	0.46
-52.919	32.047	0.46
-53.690	32.011	0.47
-54.453	32.081	0.47
-55.227	32.002	0.47
-55.996	31.987	0.46
-50.220	31.644	0.44
-50.955	31.666	0.45
-51.745	31.652	0.44
-52.536	31.617	0.47
-53.282	31.643	0.47
-54.051	31.628	0.48
-54.901	31.639	0.48
-55.615	31.535	0.43
-56.401	31.564	0.31
-50.613	31.239	0.45
-51.379	31.266	0.46
-52.128	31.249	0.46
-52.938	31.237	0.47
-53.687	31.220	0.48
-54.501	31.165	0.48
-55.225	31.190	0.42
-55.993	31.196	0.27
-50.227	30.851	0.45
-50.981	30.770	0.46
-51.745	30.819	0.46
-52.532	30.848	0.47
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-30.286	28.712	0.16
-30.831	28.203	0.15
-31.333	27.676	0.16
-31.870	27.061	0.10
-32.445	26.555	0.03
-33.007	26.003	0.01
-28.686	29.836	0.44
-29.218	29.311	0.38
-29.751	28.757	0.19
-30.270	28.186	0.14
-31.352	27.063	0.11
-31.942	26.543	0.02
-30.286	27.632	0.13
-30.803	27.091	0.11
-31.349	26.583	0.04
-31.942	26.003	-0.07
-32.401	25.457	0.00
-28.066	29.274	0.42
-28.660	28.695	0.35
-29.233	28.218	0.14
-29.737	27.661	0.10
-30.258	27.060	0.10
-30.834	26.524	0.02
-31.380	26.016	-0.09
-31.914	25.431	-0.06
-32.477	24.879	0.11
-28.172	28.698	0.40
-28.691	28.128	0.22
-29.207	27.616	0.08
-29.724	27.075	0.09
-30.289	26.493	0.02
-30.820	25.968	-0.11
-31.381	25.446	-0.13
-31.900	24.875	0.06
-27.564	28.722	0.42
-28.113	28.154	0.32

-54.091	30.819	0.47
-54.862	30.782	0.39
-55.666	30.855	0.22
-56.397	30.794	0.26
-50.590	30.447	0.45
-51.373	30.518	0.46
-52.163	30.504	0.47
-52.934	30.467	0.48
-53.703	30.452	0.47
-54.474	30.416	0.36
-55.264	30.402	0.16
-56.011	30.406	0.23
-51.014	30.046	0.46
-51.783	30.031	0.47
-52.529	30.057	0.48
-53.338	30.066	0.46
-54.110	30.008	0.30
-54.878	30.014	0.12
-55.649	29.977	0.19
-50.646	29.702	0.44
-51.435	29.688	0.46
-52.163	29.671	0.46
-52.937	29.592	0.47
-53.762	29.665	0.28
-54.493	29.605	0.06
-55.282	29.612	0.15
-56.024	29.681	0.21
-50.197	29.311	0.46
-51.029	29.299	0.47
-51.817	29.307	0.47
-52.567	29.269	0.44
-53.317	29.231	0.20
-54.106	29.238	0.02
-54.878	29.181	0.12
-55.642	29.229	0.18
-56.389	29.234	0.22
-50.644	28.890	0.46

-28.660	27.615	0.09
-29.221	27.093	0.07
-29.768	26.554	0.03
-30.301	26.000	-0.10
-30.837	25.385	-0.19
-31.383	24.877	0.00
-31.916	24.322	0.10
-27.581	28.139	0.38
-28.112	27.614	0.16
-28.677	27.032	0.04
-29.248	26.585	0.03
-29.740	25.982	-0.11
-30.257	25.441	-0.24
-38.515	28.999	0.26
-38.515	28.233	0.24
-38.515	27.428	0.27
-38.515	26.624	0.29
-38.515	25.858	0.30
-38.515	25.053	0.30
-38.515	24.249	0.29
-38.515	23.444	0.28
-38.093	29.421	0.26
-38.093	28.616	0.23
-38.093	27.812	0.24
-38.093	27.045	0.27
-38.093	26.241	0.29
-38.093	24.632	0.29
-38.093	23.866	0.28
-38.093	23.061	0.27
-37.710	28.999	0.24
-37.710	28.233	0.22
-37.710	27.428	0.23
-37.710	26.624	0.27
-37.710	24.249	0.28
-37.710	23.444	0.27
-37.327	29.421	0.26
-37.327	28.616	0.22

-51.453	28.899	0.46
-52.205	28.840	0.41
-52.950	28.866	0.15
-53.678	28.848	-0.02
-54.492	28.793	0.09
-55.256	28.842	0.15
-56.045	28.849	0.20
-50.279	28.504	0.46
-51.026	28.509	0.46
-51.795	28.493	0.39
-52.566	28.457	0.06
-53.354	28.464	-0.04
-54.125	28.428	0.06
-54.910	28.478	0.13
-55.660	28.440	0.17
-56.449	28.447	0.21
-53.717	28.060	0.04
-55.292	28.096	0.16
-56.002	28.034	0.18
-50.238	27.668	0.36
-54.140	27.681	0.08
-54.885	27.707	0.13
-55.676	27.672	0.17
-56.465	27.679	0.18
-53.776	27.273	0.07
-54.523	27.278	0.11
-55.289	27.305	0.14
-56.060	27.269	0.16
-54.133	26.933	0.08
-54.947	26.878	0.11
-55.693	26.904	0.13
-56.462	26.888	0.13
-53.749	26.524	0.06
-54.498	26.507	0.09
-55.327	26.517	0.11
-56.057	26.478	0.10
-54.153	26.122	0.07

-37.327	27.812	0.20
-37.327	27.045	0.22
-37.327	26.241	0.26
-37.327	25.436	0.27
-37.327	23.866	0.26
-37.327	23.061	0.25
-36.944	28.999	0.24
-36.944	28.233	0.20
-36.944	27.428	0.19
-36.944	26.624	0.24
-36.944	25.858	0.26
-36.944	25.053	0.26
-36.944	24.249	0.26
-36.944	23.444	0.25
-36.523	29.459	0.27
-36.523	28.616	0.22
-36.523	27.812	0.18
-36.523	27.045	0.19
-36.523	26.202	0.24
-36.523	25.436	0.25
-36.523	24.632	0.26
-36.523	23.866	0.24
-36.523	23.061	0.24
-36.140	28.999	0.24
-36.140	28.233	0.19
-36.140	27.428	0.16
-36.103	26.772	0.18
-36.113	25.943	0.23
-36.117	25.196	0.24
-36.140	24.249	0.24
-36.140	23.444	0.23
-35.756	29.421	0.26
-35.756	28.616	0.22
-35.815	27.934	0.17
-35.735	27.181	0.14
-35.742	26.392	0.19
-35.750	25.604	0.23

-54.920	26.128	0.08
-55.688	26.134	0.07
-56.457	26.119	0.09
-53.787	25.736	0.04
-54.515	25.718	0.04
-55.305	25.704	0.04
-56.071	25.731	0.07
-54.172	25.311	0.00
-54.938	25.339	0.01
-55.685	25.343	0.06
-56.475	25.329	0.10
-53.784	24.945	-0.03
-54.531	24.950	0.00
-55.363	24.938	0.07
-56.127	24.987	0.14
-54.145	24.562	-0.01
-54.956	24.549	0.07
-55.704	24.533	0.15
-56.513	24.541	0.19
-53.799	24.198	0.00
-54.568	24.183	0.09
-55.295	24.186	0.15
-56.065	24.150	0.18
-54.163	23.772	0.10
-54.951	23.780	0.15
-55.743	23.745	0.17
-56.531	23.752	0.20
-53.818	23.387	0.11
-54.608	23.373	0.14
-55.357	23.357	0.16
-56.190	23.324	0.19
-54.173	23.089	0.13
-54.969	22.990	0.15
-55.718	22.974	0.18
-56.508	22.960	0.19
-53.833	22.640	0.12
-54.585	22.581	0.14

-35.780	24.797	0.23
-35.756	23.866	0.22
-35.756	23.099	0.22
-35.373	28.999	0.24
-35.357	26.737	0.14
-35.364	25.949	0.20
-35.348	25.200	0.22
-35.310	24.450	0.22
-35.373	23.444	0.21
-34.990	29.421	0.26
-34.932	28.719	0.22
-34.983	27.913	0.17
-34.932	26.373	0.14
-34.939	25.585	0.20
-34.942	24.859	0.21
-34.952	24.029	0.20
-34.990	23.061	0.24
-34.588	29.088	0.20
-34.572	28.339	0.19
-34.539	27.506	0.13
-34.589	26.721	0.09
-34.552	25.950	0.15
-34.622	25.187	0.20
-34.543	24.413	0.19
-34.528	23.644	0.16
-34.186	29.421	0.25
-34.208	28.685	0.22
-34.194	27.895	0.18
-34.159	27.104	0.09
-34.185	26.359	0.08
-34.169	25.589	0.16
-34.181	24.739	0.18
-34.077	24.025	0.17
-34.105	23.239	0.17
-33.791	27.512	0.12
-33.778	26.702	0.05
-33.762	25.953	0.08

-55.349	22.630	0.16
-56.182	22.597	0.17
-54.175	22.235	0.12
-54.985	22.223	0.15
-55.756	22.186	0.17
-56.579	22.220	0.19
-54.620	21.836	0.14
-55.349	21.797	0.16
-56.179	21.807	0.18
-55.753	21.395	0.17
-56.579	21.454	0.19
-55.343	21.049	0.15
-56.155	21.014	0.17
-55.747	20.647	0.16
-56.579	20.649	0.18
-53.824	20.268	0.09
-54.633	20.277	0.13
-55.391	20.266	0.15
-56.196	20.266	0.17
-55.008	19.883	0.13
-55.775	19.883	0.15
-56.579	19.883	0.17
-55.391	19.500	0.14
-56.196	19.500	0.16
-55.008	19.078	0.13
-55.775	19.078	0.14
-56.579	19.078	0.16
-54.587	18.695	0.11
-55.391	18.695	0.13
-56.234	18.695	0.15
-54.204	18.312	0.09
-55.008	18.312	0.12
-55.736	18.312	0.14
-56.579	18.312	0.15
-53.821	17.929	0.06
-54.587	17.929	0.11
-55.391	17.929	0.12

-33.707	25.139	0.16
-33.731	24.415	0.17
-33.737	23.647	0.16
-33.361	27.895	0.16
-33.389	27.108	0.08
-33.395	26.341	0.02
-33.360	25.549	0.10
-33.324	24.778	0.15
-33.336	23.243	0.15
-33.045	27.477	0.13
-33.009	26.706	0.02
-32.994	25.937	0.00
-32.957	25.166	0.11
-32.943	24.376	0.14
-32.948	23.629	0.12
-32.572	27.857	0.16
-32.598	27.111	0.08
-32.607	26.302	-0.03
-32.549	25.530	0.01
-32.555	24.762	0.11
-32.519	23.992	0.11
-32.546	23.225	0.11
-32.212	27.477	0.13
-32.133	26.703	0.01
-32.207	25.878	-0.08
-32.146	25.147	0.04
-32.154	24.359	0.09
-32.222	23.616	0.09
-31.848	27.823	0.16
-31.810	27.073	0.08
-31.773	26.323	-0.06
-31.780	25.534	-0.10
-31.722	24.762	0.05
-31.771	23.998	0.08
-31.776	23.251	0.08
-31.381	27.435	0.13
-31.407	26.690	0.03

-56.196	17.929	0.14
-55.008	17.546	0.06
-56.579	17.546	0.13
-58.362	34.320	0.45
-58.931	33.751	0.44
-59.500	33.182	0.43
-60.042	32.641	0.40
-60.611	32.072	0.38
-61.180	31.503	0.37
-61.749	30.934	0.36
-57.225	34.862	0.44
-57.794	34.293	0.44
-58.362	33.724	0.45
-58.904	33.182	0.43
-59.473	32.613	0.41
-60.042	32.045	0.44
-60.611	31.476	0.36
-61.153	30.934	0.35
-61.722	30.365	0.33
-57.252	34.293	0.43
-57.794	33.751	0.43
-58.362	33.182	0.43
-58.931	32.613	0.41
-59.473	32.072	0.37
-60.042	31.503	0.36
-60.611	30.934	0.34
-61.180	30.365	0.33
-56.683	34.320	0.43
-57.252	33.751	0.43
-57.821	33.182	0.43
-58.362	32.641	0.44
-58.931	32.072	0.38
-59.500	31.503	0.35
-60.611	30.392	0.33
-61.180	29.823	0.31
-56.710	33.751	0.43
-57.252	33.209	0.42

-31.390	25.962	-0.14
-31.334	25.148	-0.08
-31.383	24.384	0.05
-31.390	23.595	0.06
-31.035	27.845	0.14
-30.998	27.074	0.09
-30.969	25.515	-0.20
-31.019	24.730	-0.02
-30.981	23.980	0.04
-30.989	23.192	0.05
-30.635	27.421	0.12
-30.618	26.672	0.03
-30.601	25.923	-0.18
-30.637	24.348	0.00
-30.576	23.638	0.02
-30.288	27.831	0.12
-30.250	27.080	0.09
-30.194	26.287	-0.07
-30.222	25.501	-0.26
-30.248	24.755	-0.13
-30.213	23.964	0.00
-30.221	23.175	0.02
-29.877	28.921	0.21
-29.840	28.150	0.11
-29.844	27.424	0.09
-29.827	26.675	0.03
-29.815	25.864	-0.19
-29.819	25.117	-0.29
-29.847	24.351	-0.08
-29.810	23.581	-0.01
-29.464	29.367	0.35
-29.450	28.577	0.18
-29.456	27.810	0.08
-29.483	27.044	0.07
-29.489	26.276	-0.05
-37.403	21.820	0.23
-36.862	21.278	0.21

-57.821	32.641	0.39
-58.389	32.072	0.37
-58.931	31.530	0.35
-59.500	30.961	0.33
-60.069	30.392	0.32
-60.638	29.823	0.31
-56.087	33.778	0.43
-56.683	33.182	0.43
-57.252	32.613	0.40
-57.794	32.072	0.36
-58.389	31.476	0.34
-58.931	30.934	0.32
-59.500	30.365	0.32
-60.042	29.823	0.31
-60.611	29.254	0.28
-56.141	33.182	0.44
-56.683	32.641	0.43
-57.252	32.072	0.36
-57.689	31.582	0.33
-58.283	31.002	0.31
-58.815	30.477	0.31
-59.500	29.823	0.30
-60.069	29.254	0.28
-55.572	33.209	0.44
-56.141	32.641	0.44
-56.665	32.200	0.39
-57.141	31.610	0.32
-57.703	31.058	0.31
-58.266	30.506	0.30
-58.858	29.956	0.30
-59.500	29.281	0.28
-60.042	28.740	0.25
-55.599	32.641	0.45
-56.045	32.177	0.44
-56.593	31.609	0.31
-57.187	31.030	0.29
-57.750	30.477	0.28

-36.293	20.709	0.19
-35.724	20.140	0.18
-35.182	19.598	0.18
-34.613	19.029	0.17
-34.044	18.460	0.16
-33.475	17.891	0.14
-37.403	22.415	0.24
-36.834	21.847	0.22
-36.266	21.278	0.21
-35.724	20.736	0.19
-35.155	20.167	0.18
-34.017	19.029	0.16
-33.475	18.487	0.15
-32.906	17.919	0.13
-36.834	22.388	0.23
-36.293	21.847	0.21
-35.724	21.278	0.20
-35.155	20.709	0.19
-34.613	20.167	0.18
-34.044	19.598	0.17
-33.475	19.029	0.15
-32.906	18.460	0.14
-36.862	22.957	0.24
-36.293	22.388	0.22
-35.182	21.278	0.19
-34.613	20.709	0.18
-34.044	20.140	0.18
-32.934	19.029	0.14
-32.365	18.460	0.13
-36.293	22.930	0.23
-35.751	22.388	0.21
-35.182	21.820	0.20
-34.613	21.251	0.18
-34.071	20.709	0.18
-33.502	20.140	0.16
-32.934	19.571	0.15
-32.365	19.002	0.14

-58.267	29.936	0.28
-58.771	29.379	0.28
-59.527	28.713	0.28
-55.485	32.130	0.46
-56.091	31.597	0.35
-57.144	30.471	0.26
-57.706	29.919	0.27
-58.222	29.408	0.27
-58.816	28.828	0.25
-55.499	31.607	0.44
-56.065	30.995	0.24
-56.655	30.475	0.25
-57.175	29.904	0.25
-57.763	29.414	0.26
-58.255	28.811	0.25
-54.461	32.099	0.46
-54.997	31.594	0.47
-55.546	31.026	0.22
-56.080	30.441	0.22
-56.626	29.933	0.23
-57.159	29.378	0.24
-57.768	28.785	0.24
-58.776	27.671	0.18
-54.453	31.533	0.47
-55.014	31.011	0.42
-55.532	30.470	0.17
-56.096	29.888	0.21
-56.614	29.347	0.22
-57.150	28.733	0.23
-57.680	28.238	0.22
-58.227	27.699	0.18
-53.906	31.532	0.47
-54.382	30.943	0.47
-54.957	30.437	0.19
-55.533	29.901	0.17
-56.080	29.362	0.20
-56.615	28.777	0.21

-36.320	23.553	0.24
-35.724	22.957	0.22
-35.155	22.388	0.20
-34.613	21.847	0.19
-34.017	21.251	0.18
-33.475	20.709	0.17
-32.906	20.140	0.16
-32.365	19.598	0.14
-31.796	19.029	0.13
-35.724	23.499	0.22
-35.182	22.957	0.20
-34.613	22.388	0.19
-34.123	21.951	0.18
-33.544	21.357	0.17
-33.019	20.825	0.16
-32.365	20.140	0.15
-31.796	19.571	0.14
-35.751	24.068	0.23
-35.182	23.499	0.21
-34.741	22.975	0.19
-34.152	22.499	0.18
-33.600	21.937	0.17
-33.047	21.374	0.16
-32.498	20.782	0.15
-31.823	20.140	0.14
-31.281	19.598	0.12
-35.182	24.041	0.21
-34.719	23.595	0.19
-34.151	23.047	0.17
-33.571	22.453	0.17
-33.019	21.890	0.16
-32.478	21.373	0.15
-31.254	20.113	0.12
-34.672	24.155	0.19
-34.138	23.549	0.18
-32.446	22.465	0.14
-31.920	22.481	0.12

-57.134	28.207	0.21
-57.754	27.689	0.18
-58.228	27.130	0.15
-53.876	30.990	0.47
-54.481	30.486	0.37
-55.029	29.918	0.11
-56.082	28.792	0.19
-56.601	28.222	0.20
-57.150	27.653	0.18
-57.681	27.128	0.14
-53.893	30.407	0.45
-55.550	28.778	0.16
-56.055	28.191	0.18
-56.603	27.652	0.18
-2.713	28.939	0.46
-3.255	28.397	0.45
-3.824	27.828	0.24
-4.393	27.259	-0.18
-4.935	26.718	-0.07
-5.504	26.149	-0.01
-6.072	25.580	-0.03
-6.641	25.011	-0.07
-2.117	28.939	0.45
-2.686	28.370	0.45
-3.255	27.801	0.40
-4.366	26.690	-0.12
-4.935	26.122	-0.09
-5.504	25.553	-0.04
-6.045	25.011	-0.10
-6.614	24.442	-0.01
-2.144	28.370	0.45
-2.686	27.828	0.43
-3.255	27.259	0.08
-3.824	26.690	-0.19
-4.366	26.149	-0.08
-4.935	25.580	-0.04
-5.504	25.011	-0.10

-31.326	21.872	0.12
-30.748	21.441	0.12
-30.212	20.864	0.11
-31.274	22.490	0.10
-30.779	21.960	0.11
-30.241	21.413	0.11
-30.748	22.506	0.09
-30.231	21.886	0.10
-29.671	21.412	0.10
-30.195	22.490	0.06
-29.670	21.959	0.09
-29.623	22.518	0.04
-29.100	21.957	0.07
-29.624	23.036	-0.01
-29.148	22.463	0.03
-33.006	26.845	0.05
-32.410	26.265	-0.03
-31.858	25.702	-0.11
-31.301	25.198	-0.09
-30.743	24.695	-0.05
-30.191	24.132	-0.02
-29.604	23.627	-0.02
-29.098	23.052	-0.03
-28.573	22.520	0.01
-32.393	26.826	0.05
-31.827	26.248	-0.06
-29.022	30.709	0.44
-28.453	30.160	0.44
-27.988	29.632	0.44
-27.346	29.064	0.43
-26.794	28.502	0.43
-26.285	27.956	0.43
-25.733	27.394	0.43
-25.149	26.859	0.37
-24.597	26.296	0.32
-28.514	30.681	0.40
-27.914	30.160	0.40

-6.072	24.442	-0.08
-1.576	28.397	0.44
-2.144	27.828	0.44
-3.824	26.149	-0.13
-4.393	25.580	-0.05
-5.504	24.469	-0.13
-6.072	23.900	0.03
-1.603	27.828	0.44
-2.144	27.286	0.42
-0.903	23.000	-0.28
-2.713	26.718	-0.07
-3.282	26.149	-0.19
-3.824	25.607	-0.08
-4.393	25.038	-0.09
-5.531	23.900	-0.05
-0.980	27.855	0.44
-1.576	27.259	0.43
-2.144	26.690	0.26
-3.282	25.553	-0.13
-3.824	25.011	-0.10
-4.393	24.442	-0.14
-4.935	23.900	-0.12
-5.504	23.331	0.04
-1.034	27.259	0.43
-1.576	26.718	0.39
-2.144	26.149	-0.21
-2.582	25.659	-0.21
-3.176	25.079	-0.12
-3.707	24.554	-0.14
-4.393	23.900	-0.17
-4.962	23.331	0.01
-0.465	27.286	0.43
-1.034	26.718	0.42
-1.557	26.277	0.20
-2.033	25.687	-0.30
-1.403	25.500	-0.30
-2.596	25.135	-0.16

-27.318	29.580	0.40
-26.777	29.063	0.41
-26.257	28.472	0.41
-25.689	27.924	0.43
-25.148	27.406	0.42
-24.536	26.840	0.39
-28.483	31.227	0.44
-27.853	30.704	0.44
-27.379	30.101	0.44
-26.789	29.626	0.43
-26.240	29.034	0.44
-25.796	28.432	0.44
-25.163	27.939	0.43
-24.622	27.422	0.42
-24.053	26.873	0.40
-27.911	31.255	0.40
-27.348	30.647	0.43
-26.837	30.131	0.43
-26.252	29.596	0.43
-25.718	28.990	0.43
-25.145	28.500	0.43
-24.639	27.926	0.43
-24.027	27.360	0.42
-27.921	31.847	0.43
-27.344	31.224	0.43
-26.790	30.690	0.40
-26.246	30.202	0.43
-25.682	29.595	0.43
-25.190	29.036	0.43
-24.608	28.471	0.43
-24.037	27.952	0.42
-23.479	27.346	0.42
-27.372	31.772	0.43
-26.802	31.253	0.43
-26.282	30.662	0.43
-25.700	30.098	0.41
-24.593	29.003	0.42

-3.159	24.583	-0.13
-3.751	24.033	-0.19
-4.393	23.358	-0.06
-4.935	22.817	0.04
-0.492	26.718	0.43
-0.937	26.254	0.34
-2.080	25.107	-0.20
-2.643	24.554	-0.14
-3.160	24.013	-0.18
-3.664	23.456	-0.15
-0.984	25.674	0.04
-2.036	24.548	-0.17
-2.599	23.996	-0.16
-3.115	23.485	-0.20
-3.709	22.905	-0.02
-0.392	25.684	0.29
-0.958	25.072	-0.33
-2.067	23.981	-0.16
-2.656	23.491	-0.23
-3.148	22.888	-0.08
0.646	26.176	0.42
0.110	25.671	0.38
-0.438	25.103	0.00
-0.973	24.518	-0.26
-1.519	24.010	-0.17
-2.052	23.455	-0.23
-2.661	22.862	-0.15
-3.092	22.284	-0.02
-3.668	21.748	0.00
0.654	25.610	0.40
0.093	25.088	0.17
-0.424	24.547	-0.35
-0.989	23.965	-0.20
-1.506	23.424	-0.21
-2.043	22.810	-0.23
-2.573	22.315	-0.05
-3.120	21.776	-0.02

-24.050	28.515	0.42
-23.470	27.921	0.42
-27.426	32.382	0.43
-26.849	31.759	0.43
-26.249	31.238	0.42
-25.707	30.720	0.43
-25.141	30.142	0.42
-24.603	29.595	0.42
-23.480	28.513	0.41
-22.937	27.888	0.41
-26.802	32.318	0.42
-26.290	31.802	0.42
-25.679	31.236	0.42
-25.173	30.661	0.42
-24.588	30.127	0.42
-24.004	29.592	0.41
-23.525	29.048	0.41
-22.926	28.498	0.41
-26.865	32.953	0.41
-26.230	32.346	0.41
-25.694	31.769	0.41
-25.153	31.252	0.41
-24.557	30.672	0.41
-24.003	30.139	0.41
-23.478	29.607	0.41
-22.955	29.046	0.41
-22.369	28.456	0.40
-26.297	32.926	0.40
-25.750	32.349	0.41
-25.165	31.815	0.41
-24.570	31.235	0.41
-24.047	30.674	0.41
-23.481	30.096	0.41
-22.937	29.567	0.40
-22.369	28.998	0.41
-26.324	33.495	0.39
-25.755	32.926	0.39

1.201	25.609	0.41
0.726	25.020	0.33
0.151	24.514	-0.33
-0.426	23.978	-0.25
-0.973	23.439	-0.21
-1.508	22.854	-0.28
-2.027	22.284	-0.07
-2.647	21.766	-0.04
-3.121	21.207	-0.05
0.627	24.563	-0.03
0.078	23.995	-0.32
-0.441	23.424	-0.21
-1.494	22.299	-0.13
-2.042	21.730	-0.06
-2.574	21.205	-0.02
1.214	24.484	0.21
0.681	23.929	-0.41
0.135	23.420	-0.26
-0.443	22.855	-0.31
-0.948	22.268	-0.20
-1.495	21.729	-0.07
-2.015	21.158	-0.04
-2.576	20.636	-0.01
1.718	24.501	0.35
1.169	23.933	-0.27
0.667	23.406	-0.33
0.176	22.802	-0.30
-0.460	22.271	-0.28
-0.934	21.712	-0.09
-1.497	21.160	-0.06
-2.070	20.683	-0.03
2.312	24.541	0.38
1.732	23.945	0.10
1.169	23.393	-0.41
0.665	22.836	-0.30
0.162	22.279	-0.32
-0.401	21.727	-0.12

-25.186	32.357	0.40
-24.644	31.816	0.39
-24.075	31.247	0.40
-23.506	30.678	0.40
-22.937	30.109	0.40
-22.396	29.567	0.39
-21.827	28.998	0.39
-25.755	33.468	0.39
-24.644	32.357	0.39
-24.075	31.734	0.39
-23.506	31.220	0.39
-22.965	30.678	0.39
-22.396	30.109	0.39
-21.827	29.540	0.39
-25.755	34.064	0.39
-25.186	33.495	0.38
-24.617	32.926	0.38
-24.075	32.385	0.41
-23.506	31.816	0.40
-22.937	31.247	0.38
-22.369	30.678	0.38
-21.827	30.136	0.38
-21.258	29.567	0.38
-25.186	34.037	0.38
-24.644	33.495	0.38
-24.075	32.926	0.37
-23.479	32.330	0.37
-22.992	31.843	0.37
-22.396	31.247	0.37
-21.827	30.678	0.37
-21.231	30.082	0.37
-25.213	34.606	0.39
-24.644	34.037	0.38
-24.075	33.468	0.37
-23.533	32.926	0.38
-22.965	32.357	0.36
-22.396	31.789	0.34

-0.906	21.140	-0.08
-1.481	20.633	-0.04
-2.013	20.109	-0.02
1.225	22.789	-0.34
0.679	22.280	-0.33
0.177	21.753	-0.16
-0.359	21.138	-0.10
-0.934	20.632	-0.04
-1.497	20.080	-0.02
2.824	23.913	0.35
1.760	22.834	-0.40
1.241	22.263	-0.32
0.678	21.711	-0.22
0.159	21.140	-0.13
-0.432	20.620	-0.06
-0.936	20.063	-0.03
-1.498	19.511	-0.02
1.743	22.250	-0.33
1.225	21.709	-0.28
0.707	21.168	-0.16
-0.432	20.080	-0.04
-0.890	19.534	-0.03
3.445	23.351	0.29
1.774	21.738	-0.33
1.253	21.137	-0.18
0.676	20.601	-0.09
0.131	20.093	-0.05
-0.404	19.508	-0.04
-0.966	18.956	-0.03
3.339	22.775	-0.05
2.820	22.205	-0.39
2.304	21.693	-0.36
1.786	21.152	-0.22
1.222	20.570	-0.10
0.690	20.045	-0.06
0.129	19.523	-0.04
-0.390	18.952	-0.03

-21.827	31.220	0.36
-21.312	30.705	0.36
-20.716	30.109	0.36
-24.644	34.579	0.39
-24.102	34.037	0.38
-23.533	33.468	0.37
-22.937	32.872	0.37
-21.854	31.789	0.35
-21.285	31.220	0.35
-20.716	30.651	0.35
-24.671	35.148	0.40
-24.075	34.606	0.40
-23.533	34.010	0.39
-22.992	33.468	0.38
-22.423	32.899	0.37
-21.854	32.330	0.36
-21.285	31.761	0.35
-20.174	30.651	0.34
-27.811	35.973	0.40
-28.615	35.973	0.39
-29.420	35.973	0.40
-30.186	35.973	0.40
-30.990	35.973	0.40
-31.795	35.973	0.41
-32.599	35.973	0.41
-26.623	35.552	0.40
-27.427	35.552	0.39
-28.998	35.552	0.40
-29.803	35.552	0.40
-30.607	35.552	0.42
-31.412	35.552	0.41
-32.178	35.552	0.42
-32.982	35.552	0.42
-27.044	35.169	0.39
-27.811	35.169	0.39
-28.615	35.169	0.39
-30.186	35.169	0.41

3.947	22.799	0.19
2.851	21.692	-0.37
2.290	21.170	-0.25
1.743	20.631	-0.13
1.210	20.077	-0.06
0.673	19.462	-0.05
0.128	18.954	-0.04
-0.405	18.399	-0.03
3.930	22.216	-0.24
3.398	21.691	-0.40
2.834	21.109	-0.29
2.262	20.662	-0.17
1.771	20.059	-0.07
1.253	19.518	-0.06
0.660	18.939	-0.04
0.171	18.395	-0.04
4.492	22.228	0.06
3.961	21.703	-0.42
3.428	21.149	-0.32
2.834	20.569	-0.17
2.303	20.044	-0.08
1.769	19.490	-0.06
1.222	18.951	-0.05
0.675	18.413	-0.03
0.142	17.858	-0.04
4.460	21.631	-0.41
3.946	21.150	-0.34
2.834	20.029	-0.08
2.301	19.475	-0.07
1.799	18.947	-0.05
1.250	18.379	-0.05
0.689	17.857	-0.04
5.069	21.685	-0.14
4.003	20.576	-0.23
3.409	19.996	-0.10
2.878	19.471	-0.07
2.329	18.903	-0.06

-30.990	35.169	0.42
-31.795	35.169	0.42
-32.599	35.169	0.43
-26.623	34.786	0.39
-27.427	34.786	0.39
-28.232	34.786	0.40
-28.998	34.786	0.40
-29.803	34.786	0.41
-31.412	34.786	0.42
-32.178	34.786	0.43
-32.982	34.786	0.43
-27.044	34.403	0.39
-27.811	34.403	0.39
-28.615	34.403	0.41
-29.420	34.403	0.41
-30.990	34.403	0.43
-31.795	34.403	0.43
-32.599	34.403	0.43
-26.585	33.981	0.39
-27.427	33.981	0.40
-28.232	33.981	0.41
-28.998	33.981	0.42
-29.841	33.981	0.43
-30.607	33.981	0.43
-32.178	33.981	0.43
-32.982	33.981	0.43
-27.044	33.598	0.40
-27.811	33.598	0.41
-28.615	33.598	0.42
-29.271	33.561	0.43
-30.101	33.571	0.43
-30.848	33.576	0.43
-31.795	33.598	0.43
-26.623	33.215	0.40
-27.427	33.215	0.41
-28.109	33.274	0.42
-28.863	33.193	0.43

1.768	18.380	-0.06
1.236	17.856	-0.05
0.688	17.287	-0.04
5.054	21.132	-0.37
4.477	20.595	-0.26
3.972	20.008	-0.11
3.364	19.445	-0.07
2.862	18.918	-0.07
2.331	18.393	-0.06
1.751	17.797	-0.05
1.176	17.291	-0.04
5.643	21.082	-0.29
5.094	20.513	-0.24
4.491	20.040	-0.13
3.943	19.471	-0.08
3.395	18.933	-0.06
2.878	18.392	-0.06
2.314	17.810	-0.05
1.796	17.269	-0.04
1.218	16.703	-0.04
5.601	20.591	-0.26
5.124	19.971	-0.14
4.518	19.438	-0.08
3.926	18.888	-0.07
3.380	18.379	-0.06
2.847	17.825	-0.06
2.331	17.313	-0.05
1.812	16.743	-0.04
6.176	20.557	-0.23
5.627	19.989	-0.16
5.099	19.524	-0.09
4.532	18.882	-0.07
3.969	18.330	-0.07
2.326	16.684	-0.04
1.763	16.132	-0.04
5.048	18.853	0.00
4.530	18.312	-0.03

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-30.439	33.208	0.44
-31.247	33.238	0.43
-32.178	33.215	0.43
-32.944	33.215	0.43
-27.687	32.819	0.43
-28.477	32.806	0.43
-29.306	32.816	0.44
-30.095	32.823	0.44
-30.843	32.806	0.44
-31.593	32.769	0.44
-32.599	32.832	0.43
-26.623	32.449	0.42
-27.325	32.391	0.43
-28.919	32.449	0.44
-29.670	32.390	0.44
-30.459	32.397	0.44
-31.185	32.401	0.44
-32.015	32.411	0.44
-32.982	32.449	0.43
-26.956	32.047	0.42
-28.537	31.998	0.44
-29.322	32.047	0.44
-30.093	32.011	0.44
-30.856	32.081	0.44
-31.630	32.002	0.44
-32.399	31.987	0.44
-26.623	31.644	0.43
-27.358	31.666	0.43
-28.148	31.652	0.42
-29.685	31.643	0.44
-30.454	31.628	0.44
-31.304	31.639	0.44
-32.018	31.535	0.41
-32.805	31.564	0.37
-27.017	31.239	0.43
-27.783	31.266	0.44

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3.391	17.224	-0.05
2.873	16.683	-0.04
2.307	16.071	-0.04
6.694	20.019	-0.15
6.171	19.388	-0.08
5.569	18.914	-0.07
5.093	18.325	-0.07
4.501	17.775	-0.06
3.900	17.331	-0.05
3.407	16.698	-0.06
2.889	16.157	-0.04
2.340	15.588	-0.04
6.722	19.447	-0.05
6.114	18.883	-0.06
5.598	18.372	-0.06
5.063	17.788	-0.06
4.457	17.254	-0.05
3.968	16.681	-0.05
3.393	16.174	-0.04
2.827	15.563	-0.04
7.314	19.456	-0.08
6.691	18.879	-0.06
6.157	18.325	-0.08
5.670	17.781	-0.06
5.062	17.218	-0.05
4.503	16.725	-0.05
3.938	16.144	-0.04
3.419	15.573	-0.04
2.813	15.015	-0.03
7.240	18.908	-0.05
6.720	18.338	-0.05
6.130	17.818	-0.05
4.470	16.129	-0.04
3.982	15.585	-0.04
3.388	15.006	-0.03
7.849	18.962	-0.05

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-29.342	31.237	0.44
-30.904	31.165	0.43
-31.629	31.190	0.40
-32.396	31.196	0.35
-26.631	30.851	0.43
-27.384	30.770	0.43
-28.148	30.819	0.44
-28.935	30.848	0.44
-29.703	30.854	0.44
-30.494	30.819	0.42
-32.069	30.855	0.32
-32.800	30.794	0.29
-26.993	30.447	0.44
-27.777	30.518	0.44
-28.566	30.504	0.44
-29.337	30.467	0.44
-30.107	30.452	0.42
-30.877	30.416	0.37
-31.667	30.402	0.30
-26.585	30.079	0.43
-27.418	30.046	0.44
-28.187	30.031	0.44
-28.932	30.057	0.44
-29.741	30.066	0.41
-30.514	30.008	0.34
-31.281	30.014	0.26
-32.818	30.005	0.24
-27.049	29.702	0.44
-27.839	29.688	0.44
-28.567	29.671	0.43
-29.341	29.592	0.40
-30.166	29.665	0.33
-30.897	29.605	0.23
-31.685	29.612	0.20
-32.427	29.681	0.22
-27.432	29.299	0.44

7.226	18.385	-0.05
6.705	17.784	-0.05
6.187	17.243	-0.04
5.609	16.677	-0.04
5.062	16.138	-0.04
3.980	15.015	-0.03
3.355	14.473	-0.02
7.785	18.337	-0.04
7.270	17.826	-0.04
6.703	17.215	-0.04
6.128	16.708	-0.04
5.594	16.123	-0.04
5.059	15.539	-0.03
4.515	15.061	-0.03
3.965	14.462	-0.03
8.421	18.401	-0.03
7.813	17.766	-0.03
7.236	17.230	-0.04
6.719	16.688	-0.04
6.140	16.092	-0.04
5.606	15.538	-0.03
5.074	15.013	-0.03
4.514	14.491	-0.02
3.924	13.904	-0.02
8.393	17.832	-0.02
7.817	17.285	-0.03
7.282	16.701	-0.03
6.702	16.105	-0.03
6.141	15.583	-0.03
5.563	15.017	-0.03
5.034	14.473	-0.02
4.465	13.904	-0.03
8.962	17.859	0.00
8.393	17.290	-0.01
7.825	16.721	-0.02
7.283	16.180	-0.03
6.714	15.611	-0.03

-28.220	29.307	0.43
-28.971	29.269	0.39
-31.373	22.990	0.07
-32.121	22.974	0.11
-32.911	22.960	0.15
-30.988	22.581	0.09
-31.753	22.630	0.11
-32.585	22.597	0.15
-31.389	22.223	0.12
-32.160	22.186	0.15
-32.982	22.220	0.17
-31.023	21.836	0.13
-31.753	21.797	0.15
-32.582	21.807	0.16
-32.157	21.395	0.16
-32.982	21.454	0.17
-32.151	20.647	0.16
-32.982	20.649	0.17
-32.178	19.883	0.16
-32.982	19.883	0.17
-32.599	19.500	0.16
-32.178	19.078	0.15
-32.982	19.078	0.16
-30.990	18.695	0.11
-31.795	18.695	0.13
-32.638	18.695	0.14
-31.412	18.312	0.12
-32.140	18.312	0.13
-32.982	18.312	0.14
-30.990	17.929	0.11
-31.795	17.929	0.12
-32.599	17.929	0.13
-32.982	17.546	0.13
-5.351	15.355	0.05
-4.782	14.786	0.05
-4.213	14.217	0.04
-3.671	13.675	0.04

6.145	15.042	-0.02
5.576	14.473	-0.02
5.034	13.931	-0.02
4.465	13.362	-0.02
8.935	17.290	0.00
7.825	16.180	-0.02
7.202	15.611	-0.02
6.687	15.042	-0.02
6.145	14.500	-0.02
5.576	13.931	-0.02
5.007	13.362	-0.01
9.531	17.290	0.03
8.962	16.721	0.01
8.393	16.153	-0.01
7.283	15.042	-0.01
6.714	14.473	-0.01
6.145	13.904	-0.01
5.603	13.362	-0.01
5.034	12.793	-0.01
9.504	16.721	0.03
8.962	16.180	-0.01
8.393	15.611	0.00
7.798	15.015	-0.01
7.310	14.527	-0.01
6.714	13.931	-0.01
6.145	13.362	0.00
5.549	12.766	0.00
10.073	16.748	0.05
9.504	16.180	0.02
8.935	15.611	0.01
8.393	15.069	0.01
7.825	14.500	-0.01
7.256	13.931	-0.01
6.687	13.362	-0.01
6.172	12.848	0.00
5.576	12.252	0.01
10.046	16.180	0.05

-3.102	13.106	0.03
-2.534	12.537	0.02
-1.965	11.968	0.02
-5.893	16.492	0.07
-5.324	15.924	0.06
-4.755	15.355	0.06
-4.213	14.813	0.04
-2.506	13.106	0.02
-1.965	12.564	0.02
-1.396	11.996	0.02
-5.324	16.465	0.06
-4.782	15.924	0.05
-4.213	15.355	0.04
-3.644	14.786	0.05
-3.102	14.244	0.04
-2.534	13.675	0.03
-1.965	13.106	0.02
-1.396	12.537	0.02
-5.351	17.034	0.07
-4.782	16.465	0.06
-4.213	15.897	0.05
-3.671	15.355	0.04
-2.534	14.217	0.04
-1.423	13.106	0.02
-0.854	12.537	0.02
-4.782	17.007	0.06
-4.240	16.465	0.05
-3.671	15.897	0.04
-2.561	14.786	0.04
-1.992	14.217	0.02
-1.423	13.648	0.02
-0.854	13.079	0.02
-4.809	17.630	0.07
-4.213	17.034	0.05
-3.644	16.465	0.05
-3.102	15.924	0.04
-2.506	15.328	0.03

9.504	15.638	0.02
8.935	15.069	0.01
8.339	14.473	0.00
7.798	13.931	-0.02
7.256	13.389	0.00
6.687	12.820	0.01
6.118	12.252	0.02
10.615	16.207	0.08
10.073	15.611	0.04
9.477	15.069	0.02
8.935	14.527	0.01
8.366	13.958	0.01
7.798	13.389	0.01
6.118	11.710	0.06
-7.004	23.076	0.13
-7.004	22.310	0.12
-7.004	21.505	0.11
-7.004	19.130	0.09
-7.004	18.326	0.09
-7.004	17.521	0.09
-6.583	23.498	0.10
-6.583	22.693	0.10
-6.583	21.889	0.12
-6.583	21.122	0.10
-6.583	20.318	0.09
-6.583	18.709	0.08
-6.583	17.943	0.08
-6.583	17.138	0.08
-6.200	23.076	0.09
-6.200	22.310	0.09
-6.200	21.505	0.09
-6.200	20.701	0.10
-6.200	19.935	0.08
-6.200	19.130	0.08
-6.200	18.326	0.07
-6.200	17.521	0.07
-5.817	23.498	0.06

-1.965	14.786	0.02
-1.396	14.217	0.03
-0.854	13.675	0.02
-0.285	13.106	0.01
-4.213	17.576	0.06
-3.671	17.034	0.05
-3.102	16.465	0.04
-2.612	16.028	0.03
-2.033	15.434	0.03
-1.508	14.902	0.02
-0.854	14.217	0.02
-0.285	13.648	0.02
-4.240	18.145	0.06
-3.671	17.576	0.05
-3.231	17.052	0.04
-2.641	16.576	0.04
-2.089	16.014	0.03
-1.537	15.451	0.02
-0.987	14.859	0.02
-0.312	14.217	0.01
0.230	13.675	0.01
-3.671	18.118	0.06
-3.208	17.672	0.04
-2.640	17.124	0.04
-2.060	16.530	0.03
-1.508	15.967	0.02
-0.967	15.450	0.02
-0.410	14.946	0.02
0.257	14.190	0.01
-3.698	18.687	0.06
-3.161	18.232	0.05
-2.628	17.626	0.05
-1.502	16.573	0.03
-0.950	16.011	0.02
-0.439	15.495	0.01
0.141	14.901	0.01
0.798	14.190	0.05

-5.817	22.693	0.08
-5.817	21.889	0.08
-5.817	21.122	0.07
-5.817	20.318	0.07
-5.817	19.513	0.09
-5.817	17.943	0.06
-5.817	17.138	0.06
-5.433	23.076	0.06
-5.433	22.310	0.07
-5.433	21.505	0.06
-5.433	20.701	0.06
-5.433	19.935	0.08
-5.433	19.130	0.06
-5.433	18.326	0.06
-5.433	17.521	0.05
-5.012	23.536	0.00
-5.012	22.693	0.05
-5.012	21.889	0.05
-5.012	21.122	0.05
-5.012	20.279	0.05
-5.012	19.513	0.05
-5.012	18.709	0.07
-5.012	17.943	0.05
-5.012	17.138	0.04
-4.629	23.076	0.02
-4.629	22.310	0.04
-4.629	21.505	0.04
-4.592	20.849	0.04
-4.602	20.020	0.04
-4.607	19.273	0.04
-4.629	18.326	0.04
-4.629	17.521	0.06
-4.246	23.498	-0.10
-4.246	22.693	0.02
-4.304	22.011	0.02
-4.224	21.258	0.03
-4.232	20.469	0.04

-2.638	18.218	0.05
-2.026	17.652	0.04
-1.506	17.062	0.03
-0.935	16.542	0.02
-0.445	15.954	0.02
0.158	15.462	0.01
0.713	14.929	0.04
-3.130	19.256	0.05
-2.625	18.720	0.05
-1.472	17.637	0.04
-0.964	17.091	0.02
-0.409	16.558	0.02
0.184	15.949	0.01
0.763	15.518	0.01
1.299	14.941	0.00
-2.564	19.264	0.05
-2.042	18.703	0.03
-1.501	18.185	0.03
-0.919	17.621	0.02
-0.378	17.104	0.02
0.237	16.567	0.01
0.731	16.037	0.01
1.270	15.490	0.00
-2.563	19.811	0.05
-1.974	19.335	0.04
-1.467	18.760	0.03
-0.931	18.184	0.02
-0.393	17.637	0.02
0.192	17.102	0.01
0.763	16.583	0.02
1.280	15.963	0.01
1.840	15.489	0.00
-2.021	19.841	0.04
-1.517	19.236	0.03
-0.949	18.688	0.03
-0.378	18.169	0.02
0.177	17.635	0.01

-4.239	19.681	0.04
-4.269	18.874	0.04
-4.246	17.943	0.04
-4.246	17.176	0.03
-3.863	23.076	-0.03
-3.850	22.434	0.01
-3.836	21.644	0.02
-3.846	20.814	0.03
-3.854	20.026	0.03
-3.837	19.277	0.03
-3.799	18.527	0.03
-3.863	17.521	0.03
-3.421	22.796	-0.04
-3.473	21.990	0.01
-3.421	20.450	0.02
-3.428	19.662	0.02
-3.432	18.936	0.02
-3.442	18.106	0.02
-3.061	22.416	-0.01
-3.028	21.583	-0.01
-3.078	20.798	0.01
-3.042	20.027	0.01
-3.112	19.264	0.02
-3.033	18.490	0.02
-3.017	17.721	-0.03
-2.675	23.498	-0.21
-2.697	22.762	-0.11
-2.683	21.972	0.02
-2.648	21.181	0.00
-2.674	20.436	0.01
-2.659	19.666	0.01
-2.670	18.816	0.01
-2.566	18.102	0.01
-2.595	17.316	0.01
-2.269	23.104	-0.24
-2.297	22.338	-0.07
-2.280	21.589	-0.03

0.748	17.116	0.01
1.316	16.567	0.01
1.841	16.036	0.01
-1.438	19.824	0.03
-0.883	19.291	0.03
-0.374	18.745	0.02
0.192	18.167	0.01
0.779	17.662	0.01
1.317	17.115	0.01
1.888	16.595	0.01
2.410	16.034	0.00
-1.455	20.328	0.03
-0.887	19.779	0.03
-0.359	19.277	0.02
0.244	18.785	0.01
0.775	18.150	0.01
1.334	17.676	0.01
1.887	17.113	0.00
2.363	16.540	0.00
-1.495	20.922	0.02
-0.899	20.342	0.02
-0.347	19.779	0.02
0.210	19.275	0.01
0.767	18.772	0.01
1.320	18.209	0.00
1.907	17.704	0.00
2.413	17.129	0.00
2.938	16.597	0.00
-0.882	20.903	0.01
-0.316	20.325	0.02
0.257	19.835	0.01
0.766	19.289	0.01
1.293	18.787	0.01
1.908	18.251	0.00
2.414	17.676	0.00
2.966	17.113	0.00
-0.867	21.434	-0.02

-2.268	20.779	-0.01
-2.251	20.030	0.01
-2.196	19.216	0.00
-2.221	18.492	0.01
-2.227	17.724	0.01
6.791	23.461	0.35
6.759	22.613	0.34
6.813	21.114	0.14
6.782	20.286	-0.16
6.735	19.542	-0.08
6.746	18.732	-0.04
6.783	17.961	-0.04
6.749	17.138	-0.03
7.127	23.021	0.34
7.162	22.250	0.33
7.112	21.465	0.28
7.125	20.655	-0.02
7.133	19.097	-0.04
7.172	18.368	-0.04
7.163	17.538	-0.03
7.519	23.490	0.34
7.487	22.641	0.33
7.543	21.848	0.31
7.560	21.100	0.25
7.551	20.291	-0.01
7.546	19.523	-0.02
7.574	17.964	-0.03
7.516	17.138	-0.02
7.916	23.003	0.33
7.913	22.277	0.32
7.945	21.444	0.29
7.896	20.680	0.20
7.932	19.888	-0.01
7.966	19.097	-0.03
7.920	18.374	-0.02
7.955	17.562	-0.02
8.320	23.498	0.33

-0.342	20.903	0.00
0.213	20.370	0.01
0.783	19.850	0.01
1.336	19.288	0.00
1.906	18.768	0.00
2.426	18.178	0.00
2.983	17.674	0.00
3.536	17.112	0.00
-0.284	21.417	-0.03
0.273	20.914	-0.01
0.796	20.353	0.00
1.337	19.835	0.00
1.878	19.317	0.00
2.966	18.178	-0.01
3.512	17.719	-0.01
-0.305	22.054	-0.11
0.275	21.461	-0.05
0.751	20.887	-0.03
1.308	20.384	-0.01
1.909	19.863	0.00
2.445	19.286	-0.01
2.954	18.741	0.00
3.538	18.206	-0.01
4.090	17.643	-0.01
0.271	21.949	-0.12
0.842	21.430	-0.06
1.353	20.914	-0.03
1.894	20.396	-0.02
2.476	19.832	-0.01
3.001	19.300	-0.01
3.523	18.739	-0.01
4.094	18.220	-0.01
0.247	22.557	-0.22
0.816	22.008	-0.15
1.354	21.461	-0.09
1.876	20.900	-0.05
2.415	20.353	-0.03

8.340	22.619	0.32
8.311	21.832	0.30
8.328	21.083	0.26
8.340	20.252	0.15
8.354	19.483	-0.03
8.350	18.736	0.00
8.322	17.970	-0.01
8.320	17.138	-0.01
8.703	23.076	0.31
8.682	22.282	0.31
8.717	21.490	0.28
8.728	20.659	0.23
8.692	19.084	-0.01
8.703	18.326	0.00
9.086	23.498	0.31
9.086	22.693	0.30
9.086	21.889	0.29
9.086	21.122	0.26
9.086	20.318	0.21
9.086	19.513	0.09
9.086	18.709	0.02
9.086	17.943	0.02
9.086	17.138	0.02
9.469	21.505	0.27
9.431	20.663	0.24
9.469	19.896	0.19
9.469	19.130	0.08
9.469	18.326	0.04
9.469	17.521	0.03
9.891	23.498	0.30
9.891	22.693	0.29
9.891	20.318	0.23
9.891	19.513	0.17
9.891	18.709	0.08
9.891	17.943	0.06
9.891	17.138	0.05
10.274	23.076	0.29

2.970	19.820	-0.01
3.584	19.283	-0.01
4.093	18.738	-0.01
4.647	18.205	-0.01
0.830	22.540	-0.28
1.355	22.008	-0.18
1.937	21.444	-0.11
2.384	20.872	-0.06
2.987	20.381	-0.03
3.528	19.863	-0.02
4.107	19.269	-0.01
4.651	18.781	-0.01
0.818	23.102	-0.39
1.897	22.038	-0.22
2.477	21.444	-0.13
3.002	20.912	-0.08
3.556	20.379	-0.04
4.095	19.832	-0.02
4.634	19.285	-0.01
5.188	18.752	0.00
1.415	23.070	-0.40
1.896	22.555	-0.32
3.017	21.444	-0.15
3.571	20.911	-0.08
4.099	20.409	-0.04
4.667	19.860	-0.02
5.189	19.299	-0.01
1.361	23.679	-0.37
2.471	22.613	-0.30
3.050	22.019	-0.24
3.575	21.487	-0.15
4.143	20.939	-0.09
4.666	20.378	-0.05
5.191	19.846	-0.02
5.759	19.298	-0.01
1.915	23.664	-0.19
2.451	23.087	-0.27

10.274	21.505	0.26
10.274	20.663	0.24
10.274	19.973	0.21
10.274	19.130	0.15
10.274	18.326	0.09
10.274	17.483	0.08
10.657	23.498	0.28
10.657	22.693	0.27
10.657	21.889	0.26
10.657	20.318	0.22
10.657	19.513	0.18
10.657	18.709	0.14
10.657	17.981	0.11
10.657	17.138	0.09
11.040	23.076	0.27
11.040	22.310	0.28
11.040	21.505	0.25
11.040	20.663	0.23
11.040	19.130	0.19
11.040	18.326	0.16
11.040	17.521	0.13
11.423	23.498	0.27
11.462	22.693	0.26
11.423	21.889	0.25
11.423	21.122	0.24
11.423	19.513	0.21
11.423	17.138	0.14
4.466	30.050	0.40
3.700	30.050	0.40
2.896	30.050	0.41
2.091	30.050	0.42
1.325	30.050	0.42
0.520	30.050	0.43
-0.284	30.050	0.44
-1.089	30.050	0.44
4.888	29.629	0.39
4.083	29.629	0.40

3.038	22.582	-0.25
3.601	21.974	-0.21
4.128	21.472	-0.15
4.653	20.940	-0.08
5.249	20.361	-0.04
5.755	19.786	-0.01
1.964	24.253	0.13
2.533	23.704	0.04
3.007	23.101	-0.10
3.575	22.552	-0.14
4.113	22.005	-0.15
4.654	21.488	-0.11
5.237	20.923	-0.07
5.778	20.406	-0.03
6.343	19.828	0.00
2.456	24.211	0.20
3.075	23.733	0.16
3.608	23.127	0.07
4.158	22.535	0.00
4.667	21.990	-0.05
5.222	21.457	-0.05
5.733	20.941	-0.03
2.489	24.786	0.30
3.057	24.237	0.26
3.523	23.709	0.20
4.164	23.141	0.17
4.717	22.579	0.12
5.225	22.033	0.07
5.777	21.471	0.03
6.362	20.936	0.02
6.914	20.373	0.02
3.597	24.237	0.29
4.193	23.657	0.26
4.734	23.140	0.23
5.254	22.549	0.19
5.822	22.001	0.16
6.363	21.483	0.12

3.279	29.629	0.42
2.513	29.629	0.42
1.708	29.629	0.42
0.099	29.629	0.44
-0.667	29.629	0.44
-1.472	29.629	0.45
4.466	29.246	0.40
3.700	29.246	0.40
2.896	29.246	0.41
2.091	29.246	0.43
1.325	29.246	0.43
0.520	29.246	0.43
-0.284	29.246	0.44
-1.089	29.246	0.45
4.888	28.863	0.39
4.083	28.863	0.40
3.279	28.863	0.41
2.513	28.863	0.42
1.708	28.863	0.42
0.903	28.863	0.44
0.099	28.863	0.44
-0.667	28.863	0.44
-1.472	28.863	0.45
4.466	28.480	0.40
3.700	28.480	0.40
2.896	28.480	0.41
2.091	28.480	0.42
1.325	28.480	0.44
0.520	28.480	0.44
-0.284	28.480	0.44
-1.089	28.480	0.45
4.926	28.058	0.39
4.083	28.058	0.40
3.279	28.058	0.41
2.513	28.058	0.42
1.670	28.058	0.43
0.903	28.058	0.44

6.975	20.917	0.08
3.027	25.304	0.35
3.658	24.781	0.33
4.132	24.178	0.30
4.721	23.703	0.29
5.271	23.111	0.26
5.715	22.509	0.22
6.348	22.016	0.19
6.889	21.499	0.16
7.458	20.950	0.12
4.163	24.724	0.34
4.674	24.208	0.32
5.259	23.673	0.30
5.792	23.067	0.27
6.366	22.577	0.25
6.872	22.003	0.22
7.484	21.437	0.19
3.590	25.924	0.37
4.167	25.301	0.35
5.265	24.279	0.32
5.828	23.672	0.30
6.321	23.113	0.29
6.902	22.548	0.26
7.474	22.029	0.24
8.031	21.423	0.21
4.138	25.849	0.36
4.708	25.330	0.35
5.228	24.739	0.33
6.918	23.080	0.28
7.461	22.592	0.26
8.041	21.998	0.24
4.084	26.459	0.37
4.662	25.836	0.36
5.262	25.315	0.35
5.803	24.797	0.33
6.369	24.219	0.32
8.031	22.590	0.26

0.099	28.058	0.45
-0.667	28.058	0.45
-1.472	28.058	0.45
4.466	27.675	0.40
3.700	27.675	0.41
2.896	27.675	0.42
2.240	27.638	0.42
1.410	27.648	0.43
0.663	27.653	0.44
-0.284	27.675	0.45
-1.089	27.675	0.46
4.888	27.292	0.39
4.083	27.292	0.40
3.401	27.351	0.41
2.648	27.270	0.42
1.860	27.278	0.43
1.071	27.285	0.43
0.264	27.315	0.44
-0.667	27.292	0.45
-1.434	27.292	0.45
4.466	26.909	0.41
3.824	26.896	0.41
3.034	26.883	0.42
2.204	26.893	0.42
1.416	26.900	0.43
0.668	26.883	0.44
-0.083	26.846	0.45
-1.089	26.909	0.44
4.888	26.526	0.39
4.186	26.468	0.40
3.380	26.519	0.42
2.592	26.526	0.42
1.840	26.467	0.43
1.052	26.474	0.43
0.326	26.478	0.44
4.555	26.124	0.38
3.806	26.107	0.41

8.573	21.965	0.24
4.709	26.395	0.37
5.220	25.879	0.35
5.832	25.313	0.34
6.338	24.738	0.32
7.507	23.669	0.29
7.986	23.125	0.28
8.584	22.575	0.26
4.645	27.030	0.37
5.280	26.423	0.36
5.817	25.846	0.35
6.358	25.329	0.33
6.954	24.749	0.32
7.508	24.216	0.30
8.555	23.123	0.27
9.142	22.533	0.25
5.214	27.003	0.36
5.761	26.426	0.36
6.345	25.892	0.34
6.941	25.312	0.33
7.463	24.751	0.32
8.029	24.173	0.30
8.573	23.644	0.28
5.187	27.572	0.36
5.756	27.003	0.35
6.325	26.434	0.35
6.867	25.893	0.34
7.435	25.324	0.32
8.004	24.755	0.31
8.573	24.186	0.29
9.115	23.644	0.27
9.684	23.075	0.25
6.867	26.434	0.34
7.435	25.811	0.33
8.004	25.297	0.31
8.546	24.755	0.30
9.115	24.186	0.28

2.973	26.075	0.42
2.188	26.124	0.43
1.417	26.088	0.43
0.655	26.158	0.43
4.888	25.721	0.39
4.152	25.743	0.40
2.571	25.694	0.42
1.826	25.720	0.42
1.056	25.705	0.42
4.494	25.316	0.40
3.728	25.343	0.40
2.979	25.326	0.41
2.169	25.314	0.42
1.420	25.297	0.42
4.880	24.928	0.39
4.127	24.847	0.40
3.362	24.896	0.40
2.576	24.925	0.41
1.808	24.931	0.40
4.518	24.524	0.39
3.734	24.595	0.40
2.944	24.581	0.41
4.093	24.123	0.39
3.324	24.108	0.39
2.579	24.134	0.38
4.462	23.779	0.38
3.672	23.765	0.38
2.944	23.748	0.34
4.910	23.388	0.38
4.079	23.376	0.36
3.290	23.384	0.29
4.438	19.038	-0.05
3.651	19.066	-0.04
2.879	19.008	-0.04
2.051	19.040	-0.03
1.323	19.022	-0.03
0.576	19.027	-0.02

9.684	23.617	0.26
5.756	28.141	0.35
6.325	27.572	0.34
8.004	25.893	0.32
8.573	25.324	0.31
9.142	24.755	0.29
9.684	24.213	0.27
10.253	23.644	0.25
6.325	28.114	0.34
7.435	27.003	0.33
8.031	26.407	0.32
8.519	25.920	0.31
9.115	25.324	0.30
9.684	24.755	0.28
10.280	24.159	0.26
6.298	28.683	0.32
6.867	28.114	0.33
7.435	27.545	0.32
8.546	26.434	0.31
9.115	25.866	0.29
9.684	25.297	0.29
10.199	24.782	0.27
10.795	24.186	0.25
6.867	28.656	0.30
7.408	28.114	0.31
7.977	27.545	0.31
8.573	26.949	0.31
9.657	25.866	0.29
10.226	25.297	0.28
10.795	24.728	0.26
6.839	29.225	0.28
7.435	28.683	0.28
7.977	28.087	0.29
8.519	27.545	0.30
9.088	26.976	0.30
9.657	26.407	0.29
11.336	24.728	0.24

-0.255	19.015	-0.01
-1.020	19.064	0.00
4.819	18.586	-0.04
4.029	18.572	-0.05
3.268	18.663	-0.04
2.478	18.649	-0.04
1.710	18.655	-0.03
0.962	18.639	-0.02
0.151	18.626	-0.01
-0.597	18.610	0.00
-1.406	18.618	0.00
4.442	18.268	-0.04
3.667	18.168	-0.04
2.861	18.219	-0.03
2.054	18.249	-0.03
1.308	18.275	-0.02
0.539	18.260	-0.02
-0.187	18.263	0.00
-0.958	18.227	0.00
4.825	17.838	-0.04
4.035	17.824	-0.04
3.333	17.869	-0.04
2.478	17.816	-0.03
1.690	17.823	-0.02
0.944	17.849	-0.02
0.156	17.857	-0.02
-0.636	17.822	0.00
-1.424	17.829	0.01
3.654	17.442	-0.03
2.823	17.431	-0.03
2.074	17.414	-0.03
1.289	17.464	-0.01
0.499	17.450	-0.01
-0.250	17.434	0.00
-1.082	17.401	0.01
4.811	17.091	-0.03
3.995	17.015	-0.03

-7.004	23.076	0.05
-7.004	22.310	0.10
-7.004	21.505	0.12
-7.004	20.701	0.12
-7.004	19.935	0.12
-7.004	19.130	0.12
-7.004	18.326	0.11
-6.583	23.498	0.01
-6.583	22.693	0.06
-6.583	21.889	0.11
-6.583	21.122	0.12
-6.583	20.318	0.12
-6.583	19.513	0.13
-6.583	18.709	0.11
-6.583	17.943	0.10
-6.583	17.138	0.09
-6.200	23.076	0.01
-6.200	22.310	0.07
-6.200	21.505	0.11
-6.200	20.701	0.11
-6.200	19.935	0.11
-6.200	19.130	0.10
-6.200	18.326	0.10
-6.200	17.521	0.09
-5.817	23.498	-0.02
-5.817	22.693	0.02
-5.817	21.889	0.09
-5.817	21.122	0.10
-5.817	20.318	0.10
-5.817	18.709	0.09
-5.817	17.943	0.09
-5.817	17.138	0.08
-5.433	23.076	-0.03
-5.433	22.310	0.05
-5.433	21.505	0.09
-5.433	20.701	0.10
-5.433	19.935	0.10

3.234	17.106	-0.03
2.481	17.025	-0.02
1.673	17.055	-0.02
0.934	17.166	-0.01
0.138	17.067	-0.01
-0.610	17.051	0.00
-1.400	17.037	0.01
4.426	16.666	0.01
3.598	16.698	-0.02
2.872	16.701	-0.02
2.080	16.666	-0.02
1.274	16.717	-0.01
0.523	16.658	0.00
-0.242	16.707	0.00
-1.075	16.674	0.01
4.852	16.255	-0.02
4.003	16.287	-0.02
3.234	16.273	0.02
2.504	16.233	-0.02
1.676	16.264	-0.01
0.933	16.312	-0.02
0.122	16.300	0.00
-0.649	16.263	0.00
-1.472	16.297	0.02
4.411	15.920	-0.02
3.641	15.884	-0.01
2.856	15.934	-0.01
2.045	15.921	0.02
0.487	15.913	0.00
-0.242	15.874	0.00
-1.072	15.884	0.01
4.880	15.527	-0.01
4.031	15.559	-0.01
3.238	15.503	-0.01
2.490	15.486	-0.01
1.681	15.495	-0.01
0.913	15.501	0.00

-5.433	19.130	0.09
-5.433	18.326	0.08
-5.433	17.521	0.08
-5.012	23.536	-0.07
-5.012	22.693	0.00
-5.012	21.889	0.07
-5.012	21.122	0.09
-5.012	20.279	0.09
-5.012	19.513	0.09
-5.012	18.709	0.09
-5.012	17.943	0.08
-5.012	17.138	0.07
-4.629	23.076	-0.06
-4.629	22.310	0.03
-4.629	21.505	0.07
-4.592	20.849	0.08
-4.602	20.020	0.08
-4.607	19.273	0.08
-4.629	18.326	0.07
-4.629	17.521	0.07
-4.246	23.498	-0.13
-4.246	22.693	-0.03
-4.304	22.011	0.04
-4.224	21.258	0.07
-4.232	20.469	0.08
-4.239	19.681	0.07
-4.269	18.874	0.07
-4.246	17.943	0.07
-4.246	17.176	0.06
-3.863	23.076	-0.09
-3.850	22.434	0.00
-3.836	21.644	0.05
-3.846	20.814	0.07
-3.854	20.026	0.07
-3.837	19.277	0.06
-3.799	18.527	0.06
-3.863	17.521	0.06

-0.646	15.472	0.01
-1.472	15.531	0.02
4.393	15.130	-0.01
3.667	15.133	-0.01
2.835	15.101	-0.01
2.070	15.150	-0.01
1.279	15.114	0.00
0.487	15.080	0.00
-0.236	15.126	0.01
-1.048	15.091	0.02
4.888	14.726	-0.01
4.009	14.707	-0.01
3.222	14.735	-0.01
2.474	14.718	0.00
1.642	14.707	0.00
0.873	14.692	0.00
0.126	14.697	0.01
-0.640	14.724	0.02
-1.472	14.726	0.02
4.466	14.343	0.00
3.672	14.364	0.00
2.880	14.329	0.00
2.049	14.318	0.00
1.283	14.345	0.00
0.474	14.354	0.01
-0.284	14.343	0.01
-1.089	14.343	0.01
4.888	13.960	0.00
4.083	13.960	0.00
3.279	13.960	0.00
2.513	13.960	0.00
1.708	13.960	0.00
0.903	13.960	0.01
0.099	13.960	0.01
-0.667	13.960	0.02
-1.472	13.960	0.02
4.466	13.577	0.02

-3.480	23.498	-0.20
-3.421	22.796	-0.06
-3.473	21.990	0.03
-3.421	20.450	0.07
-3.428	19.662	0.06
-3.432	18.936	0.06
-3.442	18.106	0.06
-3.061	22.416	-0.02
-3.028	21.583	0.03
-3.078	20.798	0.06
-3.042	20.027	0.06
-3.112	19.264	0.06
-3.033	18.490	0.05
-2.675	23.498	-0.29
-2.697	22.762	-0.07
-2.648	21.181	0.04
-2.674	20.436	0.05
-2.659	19.666	0.05
-2.670	18.816	0.05
-2.566	18.102	0.04
-2.595	17.316	0.04
-2.269	23.104	-0.17
-2.297	22.338	-0.04
-2.280	21.589	0.02
-2.268	20.779	0.04
-2.251	20.030	0.05
-2.196	19.216	0.05
-2.221	18.492	0.04
-2.227	17.724	0.04
-1.882	23.490	-0.37
-1.801	22.737	-0.11
-1.850	21.972	-0.03
-1.879	21.185	0.02
-1.885	20.418	0.04
-1.849	19.626	0.04
-1.813	18.855	0.05
-1.825	17.320	0.03

2.896	13.577	0.00
2.053	13.615	0.01
1.287	13.577	0.01
0.520	13.577	0.01
-0.284	13.577	0.01
-1.089	13.577	0.02
4.888	13.155	0.01
4.083	13.155	0.01
3.279	13.155	0.01
1.708	13.155	0.01
0.903	13.155	0.01
0.099	13.155	0.01
-0.667	13.155	0.02
-1.472	13.155	0.02
4.466	12.772	0.01
3.700	12.772	0.01
2.896	12.772	0.01
2.053	12.772	0.01
1.363	12.772	0.01
0.520	12.772	0.01
-0.284	12.772	0.02
-1.127	12.772	0.02
4.888	12.389	0.02
4.083	12.389	0.01
3.279	12.389	0.01
2.513	12.389	0.01
1.708	12.389	0.01
0.903	12.389	0.01
0.099	12.389	0.02
-0.629	12.389	0.02
4.466	12.006	0.02
3.700	12.006	0.02
2.896	12.006	0.01
2.053	12.006	0.01
1.287	12.006	0.02
0.520	12.006	0.02
-0.284	12.006	0.02

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-1.548	22.344	-0.07
-1.535	21.554	0.00
-1.498	20.783	0.03
-1.483	20.014	0.04
-1.446	19.243	0.04
-1.433	18.453	0.04
-1.437	17.706	0.04
-1.077	22.703	-0.15
-1.062	21.934	-0.05
-1.088	21.188	0.01
-1.096	20.379	0.03
-1.039	19.607	0.03
-1.045	18.839	0.03
-1.008	18.069	0.03
-1.036	17.302	0.03
-0.733	23.072	-0.31
-0.719	22.282	-0.11
-0.701	21.554	-0.03
-0.622	20.780	0.01
-0.696	19.955	0.02
-0.636	19.224	0.03
-0.643	18.436	0.03
-0.712	17.693	0.02
-0.341	23.520	-0.45
-0.330	22.688	-0.22
-0.337	21.900	-0.07
-0.300	21.150	-0.01
-0.262	20.400	0.01
-0.269	19.611	0.02
-0.212	18.839	0.02
-0.260	18.075	0.02
-0.265	17.328	0.02
0.079	23.073	-0.38
0.070	22.264	-0.15
0.129	21.512	-0.05
0.103	20.767	0.00

4.888	11.623	0.04
4.083	11.585	0.02
3.279	11.623	0.02
2.513	11.623	0.02
1.708	11.623	0.02
0.903	11.623	0.02
0.099	11.623	0.01
-5.893	15.897	0.06
-5.351	15.355	0.04
-4.782	14.786	0.03
-3.671	13.675	0.03
-2.534	12.537	0.01
-1.965	11.968	0.01
-5.893	16.492	0.05
-5.324	15.924	0.04
-4.755	15.355	0.04
-4.213	14.813	0.03
-3.075	13.675	0.03
-2.506	13.106	0.01
-1.965	12.564	0.01
-1.396	11.996	0.01
-5.324	16.465	0.05
-4.782	15.924	0.03
-4.213	15.355	0.03
-3.644	14.786	0.03
-2.534	13.675	0.01
-1.965	13.106	0.00
-1.396	12.537	0.00
-5.351	17.034	0.05
-4.782	16.465	0.04
-4.213	15.897	0.04
-3.671	15.355	0.02
-3.102	14.786	0.01
-1.423	13.106	0.00
-0.854	12.537	0.00
-4.782	17.007	0.04
-4.240	16.465	0.03

0.121	20.039	0.01
0.176	19.225	0.02
0.128	18.461	0.02
0.120	17.672	0.02
0.465	23.438	-0.48
0.461	22.691	-0.30
0.476	21.922	-0.11
0.512	21.151	-0.03
0.541	19.592	0.01
0.492	18.807	0.02
0.529	18.057	0.02
0.522	17.269	0.02
0.866	23.014	-0.40
0.903	22.264	-0.22
0.876	21.498	-0.07
0.893	20.749	-0.01
0.873	18.425	0.01
0.935	17.715	0.01
1.301	23.479	-0.39
1.291	22.650	-0.33
1.223	21.908	-0.16
1.261	21.157	-0.05
1.317	20.364	-0.01
1.288	19.578	0.00
1.262	18.832	0.01
1.297	18.041	0.01
1.290	17.252	0.01
1.634	22.998	-0.40
1.670	22.227	-0.26
1.667	21.501	-0.10
1.683	20.752	-0.04
1.696	19.941	0.00
1.691	19.194	0.00
1.664	18.428	0.01
1.700	17.658	0.01
2.047	23.444	-0.24
2.061	22.654	-0.34

-3.671	15.897	0.02
-3.102	15.328	0.01
-1.992	14.217	0.00
-1.423	13.648	0.00
-0.854	13.079	0.00
-4.809	17.630	0.04
-4.213	17.034	0.03
-3.644	16.465	0.02
-3.102	15.924	0.02
-2.506	15.328	0.01
-1.965	14.786	0.00
-1.396	14.217	0.01
-0.854	13.675	0.00
-0.285	13.106	-0.01
-4.213	17.576	0.03
-3.671	17.034	0.02
-3.102	16.465	0.01
-2.612	16.028	0.01
-2.033	15.434	0.00
-1.508	14.902	0.00
-0.854	14.217	0.00
-4.240	18.145	0.03
-3.671	17.576	0.02
-3.231	17.052	0.02
-2.641	16.576	0.01
-2.089	16.014	0.01
-1.537	15.451	0.00
-0.312	14.217	-0.01
0.230	13.675	-0.01
-3.671	18.118	0.03
-2.640	17.124	0.01
-2.060	16.530	0.00
-1.508	15.967	0.00
-0.967	15.450	-0.01
-0.410	14.946	-0.01
0.257	14.190	-0.01
-3.698	18.687	0.03

2.055	21.887	-0.21
2.027	21.121	-0.08
2.021	20.353	-0.02
2.036	19.584	0.00
2.092	18.770	0.00
2.066	18.025	0.00
2.081	17.255	0.00
2.447	23.020	-0.25
2.442	22.273	-0.28
2.455	21.462	-0.15
2.367	20.742	-0.05
2.446	19.968	-0.01
2.462	19.220	-0.01
2.452	18.390	0.00
2.491	17.660	0.00
2.836	23.426	0.04
2.831	22.679	-0.25
2.847	21.910	-0.22
2.837	21.081	-0.10
2.832	20.334	-0.03
2.847	19.564	-0.01
2.841	18.797	0.00
2.835	18.029	0.00
2.850	17.260	0.00
3.235	22.981	-0.04
3.212	22.277	-0.24
3.218	20.699	-0.06
3.234	19.930	-0.02
3.251	19.202	-0.01
3.265	18.412	0.00
3.238	17.646	0.00
3.628	23.450	0.19
3.659	21.911	-0.20
3.649	21.082	-0.12
3.644	20.335	-0.04
3.658	19.545	-0.01
3.631	18.779	-0.01

-3.161	18.232	0.02
-2.628	17.626	0.02
-1.502	16.573	0.00
-0.950	16.011	-0.01
-0.439	15.495	-0.01
0.141	14.901	-0.01
-2.638	18.218	0.02
-2.026	17.652	0.00
-1.506	17.062	0.00
-0.935	16.542	-0.01
-0.445	15.954	-0.01
0.158	15.462	-0.02
-3.130	19.256	0.02
-2.625	18.720	0.01
-0.964	17.091	-0.01
-0.409	16.558	-0.01
0.184	15.949	-0.02
0.763	15.518	-0.02
1.299	14.941	-0.02
-2.564	19.264	0.01
-1.501	18.185	-0.01
-0.919	17.621	-0.01
-0.378	17.104	-0.02
0.237	16.567	-0.02
0.731	16.037	-0.02
1.270	15.490	-0.03
-2.563	19.811	0.00
-1.467	18.760	-0.01
-0.931	18.184	-0.02
-0.393	17.637	-0.02
0.192	17.102	-0.02
0.763	16.583	-0.02
1.840	15.489	-0.03
-2.021	19.841	-0.01
-1.517	19.236	-0.01
-0.949	18.688	-0.02
-0.378	18.169	-0.02

3.626	18.032	0.00
3.640	17.242	0.00
4.009	23.048	0.16
3.980	22.261	-0.10
4.038	21.489	-0.16
4.007	20.661	-0.07
4.024	19.933	-0.02
4.020	19.186	-0.01
4.031	18.354	-0.01
3.982	17.590	0.00
4.460	23.429	0.26
4.474	22.639	0.12
4.383	21.878	-0.11
4.397	21.088	-0.11
4.391	20.320	-0.04
4.407	19.572	-0.01
4.420	18.761	-0.01
4.436	18.013	0.00
4.428	17.204	0.00
4.778	23.052	0.24
4.878	22.277	0.10
4.827	21.471	-0.09
4.797	20.663	-0.07
4.771	19.918	-0.02
4.786	19.149	-0.01
4.783	18.423	0.00
5.208	23.435	0.29
5.222	22.645	0.22
5.178	21.943	0.03
5.230	21.088	-0.07
5.223	20.299	-0.04
5.197	19.554	-0.01
5.189	18.766	0.00
5.225	17.974	0.00
5.217	17.186	0.00
5.604	22.264	0.19
5.615	21.432	0.02

0.177	17.635	-0.03
0.748	17.116	-0.03
1.316	16.567	-0.03
1.841	16.036	-0.03
-1.438	19.824	-0.02
-0.883	19.291	-0.02
-0.374	18.745	-0.02
0.192	18.167	-0.03
0.779	17.662	-0.03
1.317	17.115	-0.03
4.654	21.488	-0.41
5.237	20.923	-0.30
5.778	20.406	-0.19
6.343	19.828	-0.11
2.456	24.211	0.36
3.075	23.733	0.33
3.608	23.127	0.21
4.158	22.535	0.03
4.667	21.990	0.03
5.222	21.457	-0.34
5.733	20.941	-0.41
2.489	24.786	0.40
3.057	24.237	0.39
3.523	23.709	0.35
4.164	23.141	0.31
4.717	22.579	0.24
5.225	22.033	0.12
5.777	21.471	-0.10
6.362	20.936	-0.21
6.914	20.373	-0.17
3.597	24.237	0.39
4.193	23.657	0.37
4.734	23.140	0.35
5.254	22.549	0.31
5.822	22.001	0.25
6.363	21.483	0.15
6.975	20.917	-0.16

5.632	20.684	-0.04
5.582	19.899	-0.01
5.596	19.109	0.00
5.612	18.360	0.00
5.645	17.527	0.00
5.955	23.421	0.30
6.032	22.605	0.25
5.941	21.844	0.16
6.021	21.091	0.02
5.991	20.283	-0.02
5.880	19.544	0.00
5.979	18.748	0.00
5.995	17.999	0.00
6.010	17.209	0.00
6.348	22.208	0.24
6.345	21.481	0.14
6.380	20.690	0.02
6.329	19.884	0.00
6.388	19.132	0.01
6.339	18.368	0.00
6.372	17.535	0.00
6.791	23.461	0.30
6.759	22.613	0.27
6.813	21.114	0.11
6.782	20.286	0.02
6.735	19.542	0.01
6.746	18.732	0.01
6.783	17.961	0.01
6.749	17.138	0.01
7.127	23.021	0.28
7.162	22.250	0.25
7.112	21.465	0.20
7.133	19.097	0.02
7.172	18.368	0.01
7.163	17.538	0.01
7.519	23.490	0.29
7.487	22.641	0.27

3.658	24.781	0.40
4.132	24.178	0.39
4.721	23.703	0.37
5.271	23.111	0.35
5.715	22.509	0.33
6.348	22.016	0.29
6.889	21.499	0.23
7.458	20.950	0.14
4.163	24.724	0.39
4.674	24.208	0.38
5.259	23.673	0.37
5.792	23.067	0.35
6.366	22.577	0.33
6.872	22.003	0.30
7.484	21.437	0.26
3.590	25.924	0.40
4.167	25.301	0.39
5.265	24.279	0.38
5.828	23.672	0.36
6.321	23.113	0.36
7.474	22.029	0.30
8.031	21.423	0.27
4.138	25.849	0.40
4.708	25.330	0.40
5.228	24.739	0.38
5.811	24.175	0.37
6.349	23.629	0.40
4.084	26.459	0.40
4.662	25.836	0.39
5.262	25.315	0.40
5.803	24.797	0.39
8.031	22.590	0.31
8.573	21.965	0.29
4.709	26.395	0.39
5.220	25.879	0.38
5.832	25.313	0.38
6.338	24.738	0.36

7.543	21.848	0.24
7.551	20.291	0.07
7.546	19.523	0.01
7.574	17.964	0.02
7.516	17.138	0.02
7.916	23.003	0.28
7.913	22.277	0.26
7.945	21.444	0.22
7.896	20.680	0.15
7.932	19.888	0.03
7.966	19.097	0.03
7.920	18.374	0.02
7.955	17.562	0.02
8.320	23.498	0.28
8.340	22.619	0.27
8.311	21.832	0.24
8.328	21.083	0.20
8.340	20.252	0.12
8.354	19.483	0.06
8.350	18.736	0.01
8.322	17.970	0.03
8.320	17.138	0.03
8.703	23.076	0.27
8.682	22.282	0.25
8.717	21.490	0.22
8.728	20.659	0.18
8.701	19.893	0.11
8.692	19.084	0.06
8.703	18.326	0.04
8.703	17.521	0.01
9.086	23.498	0.27
9.086	22.693	0.25
9.086	21.889	0.23
9.086	21.122	0.21
9.086	20.318	0.16
9.086	19.513	0.10
9.086	18.709	0.07

7.986	23.125	0.32
8.584	22.575	0.30
4.645	27.030	0.40
5.280	26.423	0.39
5.817	25.846	0.38
6.358	25.329	0.37
8.033	23.684	0.33
8.555	23.123	0.31
9.142	22.533	0.29
5.214	27.003	0.39
5.761	26.426	0.38
6.345	25.892	0.37
6.941	25.312	0.36
8.029	24.173	0.33
8.573	23.644	0.32
9.142	23.075	0.33
5.187	27.572	0.39
5.756	27.003	0.38
6.325	26.434	0.37
6.867	25.893	0.36
8.004	24.755	0.34
8.573	24.186	0.33
9.115	23.644	0.32
9.684	23.075	0.29
7.435	25.811	0.35
8.004	25.297	0.34
9.115	24.186	0.32
9.684	23.617	0.32
6.325	27.572	0.37
10.253	23.644	0.29
6.325	28.114	0.37
7.435	27.003	0.36
8.519	25.920	0.34
9.115	25.324	0.32
9.684	24.755	0.31
10.280	24.159	0.29
6.298	28.683	0.37

9.086	17.943	0.05
9.086	17.138	0.04
9.469	21.505	0.22
9.431	20.663	0.19
9.469	19.896	0.15
9.469	19.130	0.10
9.469	18.326	0.07
9.469	17.521	0.06
9.891	23.498	0.26
9.891	22.693	0.25
9.891	20.318	0.18
9.891	19.513	0.14
9.891	18.709	0.10
9.891	17.943	0.08
9.891	17.138	0.06
10.274	23.076	0.25
10.274	21.505	0.22
10.274	20.663	0.20
10.274	19.973	0.17
10.274	19.130	0.13
10.274	18.326	0.10
10.274	17.483	0.08
10.657	23.498	0.24
10.657	22.693	0.23
10.657	21.889	0.22
10.657	20.318	0.18
10.657	19.513	0.15
10.657	18.709	0.13
10.657	17.981	0.11
10.657	17.138	0.09
11.040	23.076	0.23
11.040	22.310	0.22
11.040	21.505	0.21
11.040	20.663	0.19
11.040	19.130	0.15
11.040	18.326	0.13
11.040	17.521	0.11

6.867	28.114	0.36
7.435	27.545	0.36
7.977	27.003	0.33
8.546	26.434	0.34
9.115	25.866	0.31
9.684	25.297	0.31
10.199	24.782	0.30
10.795	24.186	0.28
7.408	28.114	0.35
8.573	26.949	0.34
9.115	26.407	0.34
9.657	25.866	0.32
10.795	24.728	0.29
6.839	29.225	0.34
7.435	28.683	0.34
7.977	28.087	0.34
8.519	27.545	0.32
9.088	26.976	0.33
9.657	26.407	0.32
10.226	25.838	0.34
-14.918	27.428	0.32
-14.918	26.624	0.33
-14.918	25.858	0.33
-14.918	25.053	0.32
-14.918	24.249	0.32
-14.918	23.444	0.31
-14.497	29.421	0.28
-14.497	28.616	0.26
-14.497	27.812	0.30
-14.497	27.045	0.32
-14.497	26.241	0.32
-14.497	24.632	0.31
-14.497	23.866	0.31
-14.497	23.061	0.30
-14.114	28.999	0.26
-14.114	28.233	0.26
-14.114	27.428	0.30

11.423	23.498	0.22
11.462	22.693	0.22
11.423	21.889	0.21
11.423	21.122	0.19
11.423	20.318	0.18
11.423	19.513	0.17
11.423	17.138	0.12
-2.713	28.939	0.44
-3.255	28.397	0.42
-3.824	27.828	0.29
-4.393	27.259	0.02
-4.935	26.718	-0.03
-5.504	26.149	-0.11
-6.072	25.580	-0.31
-6.641	25.011	-0.24
-2.117	28.939	0.43
-2.686	28.370	0.43
-3.255	27.801	0.37
-3.797	27.259	0.11
-4.366	26.690	-0.05
-5.504	25.553	-0.30
-6.045	25.011	-0.29
-6.614	24.442	-0.06
-2.144	28.370	0.43
-2.686	27.828	0.40
-3.255	27.259	0.21
-3.824	26.690	-0.07
-4.366	26.149	-0.11
-4.935	25.580	-0.25
-5.504	25.011	-0.35
-6.072	24.442	-0.13
-1.576	28.397	0.43
-2.144	27.828	0.42
-2.713	27.259	0.31
-3.255	26.718	0.00
-3.824	26.149	-0.15
-4.393	25.580	-0.24

-14.114	26.624	0.32
-14.114	25.858	0.31
-14.114	25.053	0.31
-14.114	24.249	0.30
-14.114	23.444	0.30
-13.731	29.421	0.28
-13.731	28.616	0.24
-13.731	27.812	0.26
-13.731	27.045	0.30
-13.731	26.241	0.30
-13.731	25.436	0.31
-13.731	24.632	0.30
-13.731	23.866	0.29
-13.731	23.061	0.28
-13.348	28.999	0.26
-13.348	28.233	0.23
-13.348	27.428	0.26
-13.348	26.624	0.29
-13.348	25.858	0.30
-13.348	25.053	0.29
-13.348	24.249	0.29
-13.348	23.444	0.28
-12.926	29.459	0.29
-12.926	28.616	0.24
-12.926	27.812	0.22
-12.926	27.045	0.26
-12.926	26.202	0.28
-12.926	25.436	0.28
-12.926	24.632	0.29
-12.926	23.866	0.28
-12.926	23.061	0.27
-12.543	28.999	0.26
-12.543	28.233	0.21
-12.543	27.428	0.21
-12.506	26.772	0.25
-12.516	25.943	0.27
-12.521	25.196	0.27

-4.962	25.011	-0.39
-5.504	24.469	-0.22
-6.072	23.900	-0.05
-1.603	27.828	0.42
-2.144	27.286	0.38
-2.713	26.718	0.12
-3.282	26.149	-0.17
-3.824	25.607	-0.24
-4.393	25.038	-0.41
-4.962	24.469	-0.30
-5.531	23.900	-0.09
-0.980	27.855	0.42
-1.576	27.259	0.40
-2.144	26.690	0.24
-2.686	26.149	-0.12
-3.282	25.553	-0.26
-3.824	25.011	-0.40
-4.393	24.442	-0.35
-4.935	23.900	-0.15
-5.504	23.331	-0.05
-1.034	27.259	0.41
-1.576	26.718	0.33
-2.144	26.149	-0.01
-2.582	25.659	-0.28
-3.176	25.079	-0.38
-3.707	24.554	-0.42
-4.393	23.900	-0.22
-4.962	23.331	-0.07
-0.465	27.286	0.41
-1.034	26.718	0.37
-1.557	26.277	0.18
-2.033	25.687	-0.22
-2.596	25.135	-0.37
-3.159	24.583	-0.48
-3.751	24.033	-0.31
-4.393	23.358	-0.12
-4.935	22.817	-0.03

-12.543	24.249	0.27
-12.543	23.444	0.27
-12.160	29.421	0.29
-12.160	28.616	0.24
-12.219	27.934	0.19
-12.138	27.181	0.20
-12.146	26.392	0.25
-12.153	25.604	0.27
-12.183	24.797	0.27
-12.160	23.866	0.26
-12.160	23.099	0.25
-11.777	28.999	0.27
-11.764	28.357	0.21
-11.750	27.567	0.18
-11.760	26.737	0.20
-11.768	25.949	0.25
-11.751	25.200	0.26
-11.714	24.450	0.25
-11.777	23.444	0.25
-11.394	29.421	0.28
-11.335	28.719	0.25
-11.387	27.913	0.20
-11.335	26.373	0.21
-11.342	25.585	0.24
-11.346	24.859	0.25
-11.356	24.029	0.24
-10.975	28.339	0.23
-10.942	27.506	0.17
-10.992	26.721	0.16
-10.956	25.950	0.21
-11.026	25.187	0.24
-10.947	24.413	0.24
-10.589	29.421	0.27
-10.611	28.685	0.25
-10.597	27.895	0.23
-10.562	27.104	0.15
-10.588	26.359	0.15

-0.492	26.718	0.39
-0.937	26.254	0.26
-1.486	25.686	-0.10
-2.080	25.107	-0.39
-2.643	24.554	-0.50
-3.160	24.013	-0.39
-3.664	23.456	-0.17
-4.420	22.790	-0.04
0.077	26.745	0.39
-0.378	26.207	0.33
-0.984	25.674	0.06
-1.547	25.122	-0.38
-2.036	24.548	-0.52
-2.599	23.996	-0.43
-3.115	23.485	-0.22
-3.709	22.905	-0.06
-0.392	25.684	0.18
-0.958	25.072	-0.26
-1.548	24.552	-0.52
-2.067	23.981	-0.47
-2.656	23.491	-0.26
-3.148	22.888	-0.08
0.646	26.176	0.37
0.110	25.671	0.27
-0.973	24.518	-0.49
-1.519	24.010	-0.51
-2.052	23.455	-0.32
-2.661	22.862	-0.11
-3.092	22.284	-0.02
-3.668	21.748	0.03
0.654	25.610	0.30
0.093	25.088	0.06
-0.424	24.547	-0.45
-0.989	23.965	-0.53
-1.506	23.424	-0.36
-2.043	22.810	-0.14
-2.573	22.315	-0.04

-10.573	25.589	0.21
-10.584	24.739	0.23
-10.480	24.025	0.22
-10.509	23.239	0.22
-10.183	29.027	0.25
-10.211	28.261	0.22
-10.194	27.512	0.17
-10.182	26.702	0.12
-10.165	25.953	0.15
-10.110	25.139	0.21
-10.135	24.415	0.22
-10.141	23.647	0.21
-9.796	29.413	0.24
-9.715	28.660	0.23
-9.764	27.895	0.19
-9.793	27.108	0.14
-9.799	26.341	0.10
-9.763	25.549	0.16
-9.727	24.778	0.21
-9.799	23.974	0.21
-9.739	23.243	0.20
-9.391	29.050	0.22
-9.463	28.267	0.21
-9.449	27.477	0.17
-9.412	26.706	0.11
-9.397	25.937	0.09
-9.361	25.166	0.17
-9.347	24.376	0.19
-9.351	23.629	0.20
-8.991	28.626	0.20
-8.976	27.857	0.18
-9.002	27.111	0.14
-9.011	26.302	0.08
-8.953	25.530	0.09
-8.959	24.762	0.17
-8.922	23.992	0.19
-8.950	23.225	0.18

-3.120	21.776	0.02
1.201	25.609	0.33
0.726	25.020	0.18
0.151	24.514	-0.30
-0.426	23.978	-0.54
-0.973	23.439	-0.41
-1.508	22.854	-0.17
-2.027	22.284	-0.05
-2.647	21.766	0.00
-3.121	21.207	0.04
1.231	25.067	0.26
0.627	24.563	-0.11
0.078	23.995	-0.52
-0.441	23.424	-0.44
-0.974	22.869	-0.22
-1.494	22.299	-0.07
-2.042	21.730	-0.01
-2.574	21.205	0.03
1.214	24.484	0.04
0.681	23.929	-0.44
0.135	23.420	-0.46
-0.443	22.855	-0.27
-0.948	22.268	-0.10
-1.495	21.729	-0.02
-2.015	21.158	0.02
-2.576	20.636	0.04
1.718	24.501	0.18
1.169	23.933	-0.26
0.667	23.406	-0.47
0.176	22.802	-0.32
-0.460	22.271	-0.14
-0.934	21.712	-0.04
-1.497	21.160	0.01
-2.070	20.683	0.03
2.312	24.541	0.26
1.732	23.945	-0.05
1.169	23.393	-0.44

-8.647	28.995	0.19
-8.633	28.205	0.18
-8.615	27.477	0.15
-8.536	26.703	0.10
-8.610	25.878	0.05
-8.550	25.147	0.09
-8.557	24.359	0.16
-8.626	23.616	0.17
-8.255	29.443	0.17
-8.244	28.611	0.16
-8.252	27.823	0.16
-8.214	27.073	0.13
-8.176	26.323	0.07
-8.183	25.534	0.03
-8.126	24.762	0.10
-8.174	23.998	0.16
-8.179	23.251	0.16
-7.835	28.996	0.14
-7.844	28.187	0.14
-7.785	27.435	0.13
-7.811	26.690	0.10
-7.793	25.962	0.05
-7.738	25.148	0.02
-7.786	24.384	0.12
-7.794	23.595	0.15
-7.449	29.361	0.09
-7.453	28.614	0.11
-7.438	27.845	0.12
-7.402	27.074	0.11
-7.409	26.286	0.08
-7.373	25.515	0.01
-7.423	24.730	0.02
-7.385	23.980	0.12
-7.392	23.192	0.14
-7.048	28.937	0.06
-7.011	28.187	0.08
-7.038	27.421	0.09

0.665	22.836	-0.35
0.162	22.279	-0.17
-0.401	21.727	-0.06
-0.906	21.140	-0.01
-1.481	20.633	0.02
-2.013	20.109	0.04
2.293	23.928	0.11
1.715	23.362	-0.33
1.225	22.789	-0.36
0.679	22.280	-0.21
0.177	21.753	-0.08
-0.359	21.138	-0.02
-0.934	20.632	0.01
-1.497	20.080	0.03
2.824	23.913	0.21
2.293	23.388	-0.15
1.760	22.834	-0.38
1.241	22.263	-0.24
0.159	21.140	-0.03
-0.432	20.620	0.00
-0.936	20.063	0.02
-1.498	19.511	0.03
2.807	23.330	0.00
2.304	22.773	-0.32
1.743	22.250	-0.27
1.225	21.709	-0.14
0.707	21.168	-0.04
-0.432	20.080	0.01
-0.890	19.534	0.02
3.445	23.351	0.14
2.851	22.772	-0.21
2.278	22.295	-0.28
1.774	21.738	-0.17
1.253	21.137	-0.06
0.676	20.601	-0.02
0.131	20.093	0.01
-0.404	19.508	0.02

-7.021	26.672	0.09
-7.005	25.923	0.05
-7.041	24.348	0.04
-6.979	23.638	0.11
-6.613	29.402	0.07
-6.623	28.573	0.03
-6.691	27.831	0.06
-6.654	27.080	0.07
-6.597	26.287	0.06
-6.626	25.501	0.02
-6.652	24.755	-0.03
-6.617	23.964	0.06
-6.624	23.175	0.11
-6.280	28.921	-0.01
-6.244	28.150	0.01
-6.247	27.424	0.04
-6.231	26.675	0.04
-6.218	25.864	0.04
-5.867	29.367	0.36
-5.853	28.577	-0.05
-5.859	27.810	-0.02
-5.887	27.044	0.02
-5.893	26.276	0.03
-5.467	28.943	0.35
-5.472	28.196	-0.09
-5.459	27.385	-0.03
-5.548	26.665	0.01
-5.469	25.891	0.01
-5.078	29.349	0.47
-5.083	28.602	0.31
-5.067	27.833	-0.12
-5.077	27.004	-0.05
-4.679	28.904	0.45
-4.702	28.200	0.24
-4.286	29.373	0.47
-4.255	27.834	0.13
-4.265	27.005	-0.17

-0.966	18.956	0.02
3.339	22.775	-0.05
2.820	22.205	-0.27
2.304	21.693	-0.18
1.786	21.152	-0.08
1.222	20.570	-0.02
0.690	20.045	0.00
0.129	19.523	0.01
-0.390	18.952	0.02
3.947	22.799	0.08
3.398	22.231	-0.21
2.851	21.692	-0.20
2.290	21.170	-0.10
1.743	20.631	-0.04
1.210	20.077	-0.01
0.673	19.462	0.00
0.128	18.954	0.01
-0.405	18.399	0.01
3.930	22.216	-0.09
3.398	21.691	-0.20
2.834	21.109	-0.12
2.262	20.662	-0.05
1.771	20.059	-0.02
1.253	19.518	-0.01
0.660	18.939	0.00
0.171	18.395	0.01
4.492	22.228	0.04
3.428	21.149	-0.13
2.834	20.569	-0.06
2.303	20.044	-0.02
1.769	19.490	-0.01
1.222	18.951	0.00
0.675	18.413	0.00
0.142	17.858	0.01
4.460	21.631	-0.11
3.946	21.150	-0.13
2.834	20.029	-0.02

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-3.934	28.184	0.43
-3.876	27.412	0.08
-3.454	29.352	0.47
-3.440	28.562	0.47
-3.531	27.801	0.41
-3.136	28.975	0.46
-3.036	28.200	0.46
-3.087	27.394	0.38
-0.939	26.840	0.45
-4.887	31.227	0.47
-4.256	30.704	0.47
-3.782	30.101	0.47
-3.193	29.626	0.47
-2.643	29.034	0.47
-13.265	21.278	0.25
-12.696	20.709	0.23
-12.127	20.140	0.21
-11.017	19.029	0.19
-10.448	18.460	0.17
-9.879	17.891	0.15
-13.807	22.415	0.27
-13.238	21.847	0.26
-12.669	21.278	0.25
-12.127	20.736	0.22
-10.421	19.029	0.18
-9.879	18.487	0.16
-9.310	17.919	0.14
-13.238	22.388	0.27
-12.696	21.847	0.25
-12.127	21.278	0.23
-11.558	20.709	0.22
-10.448	19.598	0.18
-9.879	19.029	0.17
-9.310	18.460	0.15
-13.265	22.957	0.28
-12.696	22.388	0.26

2.301	19.475	-0.01
1.799	18.947	-0.01
1.250	18.379	0.00
0.689	17.857	0.01
5.069	21.685	0.00
4.003	20.576	-0.07
3.409	19.996	-0.03
2.878	19.471	-0.02
2.329	18.903	-0.01
1.768	18.380	-0.01
1.236	17.856	0.00
0.688	17.287	0.01
5.054	21.132	-0.07
4.477	20.595	-0.07
3.972	20.008	-0.03
3.364	19.445	-0.02
2.862	18.918	-0.02
2.331	18.393	-0.01
1.751	17.797	0.00
1.176	17.291	0.00
5.643	21.082	-0.02
5.094	20.513	-0.06
4.491	20.040	-0.04
3.943	19.471	-0.02
3.395	18.933	-0.01
2.878	18.392	-0.01
2.314	17.810	-0.01
1.796	17.269	0.00
1.218	16.703	0.00
5.601	20.591	-0.04
5.124	19.971	-0.03
4.518	19.438	-0.02
3.926	18.888	-0.01
3.380	18.379	-0.01
2.847	17.825	-0.01
2.331	17.313	0.00
6.176	20.557	-0.01

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-11.585	21.278	0.22
-10.448	20.140	0.20
-9.879	19.571	0.17
-9.337	19.029	0.16
-8.768	18.460	0.14
-12.696	22.930	0.27
-12.154	22.388	0.25
-11.585	21.820	0.23
-11.017	21.251	0.21
-9.906	20.140	0.18
-9.337	19.571	0.16
-8.768	19.002	0.14
-12.723	23.553	0.27
-12.127	22.957	0.25
-11.558	22.388	0.24
-11.017	21.847	0.22
-10.421	21.251	0.20
-9.879	20.709	0.18
-9.310	20.140	0.18
-8.768	19.598	0.15
-8.199	19.029	0.13
-12.127	23.499	0.26
-11.585	22.957	0.24
-11.017	22.388	0.23
-10.527	21.951	0.21
-9.947	21.357	0.19
-9.422	20.825	0.18
-8.768	20.140	0.15
-8.199	19.571	0.15
-12.154	24.068	0.27
-11.585	23.499	0.25
-11.145	22.975	0.23
-10.555	22.499	0.22
-10.003	21.937	0.20
-9.451	21.374	0.18
-8.901	20.782	0.16

5.627	19.989	-0.03
5.099	19.524	-0.02
4.532	18.882	-0.01
3.969	18.330	-0.01
3.424	17.821	-0.01
2.861	17.269	-0.01
2.326	16.684	0.00
1.763	16.132	0.00
5.627	19.449	-0.01
5.048	18.853	-0.01
4.530	18.312	-0.01
3.940	17.792	-0.01
3.391	17.224	0.00
2.873	16.683	0.00
2.307	16.071	0.00
6.694	20.019	0.01
6.171	19.388	0.00
5.569	18.914	-0.01
5.093	18.325	-0.01
4.501	17.775	-0.01
3.900	17.331	-0.01
3.407	16.698	-0.01
2.889	16.157	0.00
2.340	15.588	0.00
6.722	19.447	0.00
6.114	18.883	0.00
5.598	18.372	0.00
5.063	17.788	-0.01
4.457	17.254	-0.01
3.968	16.681	-0.01
3.393	16.174	0.00
2.827	15.563	0.00
7.314	19.456	0.02
6.691	18.879	0.01
6.157	18.325	0.01
5.062	17.218	0.00
4.503	16.725	-0.01

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-7.684	19.598	0.12
-11.585	24.041	0.26
-11.122	23.595	0.24
-10.554	23.047	0.22
-9.974	22.453	0.20
-9.422	21.890	0.19
-8.881	21.373	0.17
-8.324	20.869	0.15
-7.657	20.113	0.13
-11.613	24.610	0.26
-11.075	24.155	0.24
-9.989	22.986	0.21
-9.416	22.496	0.19
-8.864	21.934	0.18
-8.353	21.418	0.16
-7.773	20.824	0.14
-10.552	24.141	0.24
-9.940	23.575	0.21
-9.420	22.985	0.19
-8.849	22.465	0.18
-8.359	21.877	0.16
-7.756	21.385	0.14
-11.044	25.179	0.24
-10.539	24.643	0.23
-8.878	23.014	0.18
-8.323	22.481	0.17
-7.730	21.872	0.15
-7.151	21.441	0.13
-6.615	20.864	0.11
-10.478	25.187	0.23
-9.956	24.626	0.21
-9.415	24.108	0.20
-8.833	23.544	0.18
-8.292	23.027	0.17
-7.678	22.490	0.15
-7.183	21.960	0.13

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3.419	15.573	0.00
2.813	15.015	0.00
7.240	18.908	0.02
6.720	18.338	0.00
6.130	17.818	0.00
4.470	16.129	0.00
3.982	15.585	0.00
3.388	15.006	0.00
7.849	18.962	0.03
7.226	18.385	0.01
6.705	17.784	0.00
6.187	17.243	0.00
5.609	16.677	0.00
5.062	16.138	0.00
3.980	15.015	0.00
3.355	14.473	0.01
7.785	18.337	0.02
7.270	17.826	0.01
6.703	17.215	0.00
6.128	16.708	0.00
5.594	16.123	0.00
5.059	15.539	0.00
4.515	15.061	0.00
3.965	14.462	0.00
8.421	18.401	0.03
7.813	17.766	0.02
7.236	17.230	0.01
6.719	16.688	0.01
6.140	16.092	0.00
5.606	15.538	0.00
5.074	15.013	0.01
4.514	14.491	0.01
3.924	13.904	0.01
8.393	17.832	0.03
7.817	17.285	0.02
7.282	16.701	0.01

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-9.381	24.683	0.19
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-8.307	23.560	0.17
-7.722	23.025	0.15
-7.152	22.506	0.14
-6.634	21.886	0.12
-6.075	21.412	0.10
-9.935	25.764	0.15
-9.431	25.159	0.16
-8.863	24.611	0.17
-8.292	24.092	0.17
-7.737	23.558	0.15
-7.167	23.039	0.14
-6.598	22.490	0.12
-6.073	21.959	0.11
-9.964	26.313	0.12
-9.352	25.747	0.10
-8.797	25.214	0.11
-8.288	24.668	0.13
-7.722	24.090	0.13
-7.135	23.585	0.13
-6.597	23.038	0.12
-2.199	28.432	0.47
-1.566	27.939	0.46
-1.025	27.422	0.45
-0.456	26.873	0.45
-4.315	31.255	0.47
-3.751	30.647	0.47
-3.240	30.131	0.47
-2.655	29.596	0.47
-2.122	28.990	0.46
-1.549	28.500	0.46
-1.042	27.926	0.45
-0.430	27.360	0.45

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6.141	15.583	0.01
5.563	15.017	0.00
5.034	14.473	0.00
4.465	13.904	0.01
8.962	17.859	0.04
8.393	17.290	0.03
7.825	16.721	0.02
7.283	16.180	0.01
6.714	15.611	0.01
6.145	15.042	0.01
5.576	14.473	0.01
5.034	13.931	0.01
4.465	13.362	0.01
8.935	17.290	0.04
7.825	16.180	0.02
7.202	15.611	0.01
6.687	15.042	0.01
6.145	14.500	0.01
5.576	13.931	0.01
5.007	13.362	0.01
9.531	17.290	0.06
8.962	16.721	0.04
8.393	16.153	0.03
7.283	15.042	0.02
6.714	14.473	0.01
6.145	13.904	0.01
5.603	13.362	0.01
5.034	12.793	0.01
9.504	16.721	0.05
8.962	16.180	0.04
8.393	15.611	0.03
7.798	15.015	0.02
7.310	14.527	0.02
6.145	13.362	0.02
5.549	12.766	0.02
10.073	16.748	0.06

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-3.747	31.224	0.46
-3.193	30.690	0.46
-2.649	30.202	0.46
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-1.593	29.036	0.47
-1.012	28.471	0.45
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0.117	27.346	0.45
-3.776	31.772	0.46
-3.206	31.253	0.46
-2.686	30.662	0.46
-2.103	30.098	0.46
-1.565	29.552	0.46
-0.996	29.003	0.46
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0.127	27.921	0.45
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-2.111	30.720	0.46
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-1.006	29.595	0.45
0.117	28.513	0.45
0.659	27.888	0.44
-3.205	32.318	0.45
-2.694	31.802	0.45
-2.082	31.236	0.45
-1.576	30.661	0.45
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0.072	29.048	0.45
0.670	28.498	0.44
-3.269	32.953	0.45
-2.634	32.346	0.45
-2.098	31.769	0.45
-1.556	31.252	0.45

9.504	16.180	0.05
8.935	15.611	0.03
8.393	15.069	0.03
7.825	14.500	0.02
6.687	13.362	0.02
6.172	12.848	0.02
5.576	12.252	0.02
10.046	16.180	0.06
9.504	15.638	0.04
8.935	15.069	0.03
8.339	14.473	0.03
7.256	13.389	0.02
6.687	12.820	0.03
6.118	12.252	0.03
10.615	16.207	0.07
10.073	15.611	0.05
9.477	15.069	0.04
8.935	14.527	0.03
8.366	13.958	0.03
7.798	13.389	0.03
7.229	12.820	0.03
6.118	11.710	0.04
4.466	30.050	0.34
3.700	30.050	0.35
2.896	30.050	0.37
2.091	30.050	0.39
1.325	30.050	0.39
0.520	30.050	0.40
-0.284	30.050	0.41
-1.089	30.050	0.43
4.888	29.629	0.33
4.083	29.629	0.35
3.279	29.629	0.38
1.708	29.629	0.39
0.099	29.629	0.41
-0.667	29.629	0.42
-1.472	29.629	0.42

-0.960	30.672	0.45
-0.406	30.139	0.44
0.119	29.607	0.44
0.641	29.046	0.44
1.228	28.456	0.43
-2.700	32.926	0.45
-2.153	32.349	0.45
-1.569	31.815	0.45
-0.973	31.235	0.44
-0.451	30.674	0.44
0.115	30.096	0.44
1.228	28.998	0.43
-2.727	33.495	0.45
-2.158	32.926	0.44
-1.589	32.357	0.44
-1.048	31.816	0.44
-0.479	31.247	0.44
0.090	30.678	0.44
1.770	28.998	0.43
-2.158	33.468	0.44
-1.616	32.926	0.44
-1.048	32.357	0.44
-0.479	31.734	0.44
0.090	31.220	0.44
0.632	30.678	0.44
1.770	29.540	0.43
-2.158	34.064	0.44
-1.589	33.495	0.44
-1.020	32.926	0.44
0.090	31.816	0.44
0.659	31.247	0.44
1.228	30.678	0.43
1.770	30.136	0.43
2.339	29.567	0.42
-1.589	34.037	0.43
-1.048	33.495	0.43
-0.479	32.926	0.43

4.466	29.246	0.35
3.700	29.246	0.37
2.896	29.246	0.38
2.091	29.246	0.39
1.325	29.246	0.40
0.520	29.246	0.41
-0.284	29.246	0.41
-1.089	29.246	0.42
4.888	28.863	0.35
4.083	28.863	0.36
3.279	28.863	0.38
2.513	28.863	0.39
1.708	28.863	0.40
0.903	28.863	0.41
0.099	28.863	0.41
-0.667	28.863	0.42
-1.472	28.863	0.43
4.466	28.480	0.36
3.700	28.480	0.37
2.896	28.480	0.38
2.091	28.480	0.39
1.325	28.480	0.41
0.520	28.480	0.41
-0.284	28.480	0.42
-1.089	28.480	0.43
4.926	28.058	0.36
4.083	28.058	0.37
3.279	28.058	0.38
2.513	28.058	0.39
1.670	28.058	0.40
0.903	28.058	0.41
0.099	28.058	0.42
-0.667	28.058	0.43
-1.472	28.058	0.43
4.466	27.675	0.37
3.700	27.675	0.38
2.896	27.675	0.39

0.117	32.330	0.43
0.605	31.843	0.43
1.201	31.247	0.43
1.770	30.678	0.43
2.366	30.082	0.42
-1.616	34.606	0.42
-1.048	34.037	0.42
-0.479	33.468	0.42
0.063	32.926	0.43
0.632	32.357	0.42
1.201	31.789	0.40
1.770	31.220	0.42
2.285	30.705	0.42
2.881	30.109	0.42
-1.048	34.579	0.42
-0.506	34.037	0.42
0.063	33.468	0.41
0.659	32.872	0.41
1.201	32.330	0.44
1.743	31.789	0.41
2.312	31.220	0.41
2.881	30.651	0.41
-1.075	35.148	0.43
-0.479	34.606	0.42
0.063	34.010	0.42
0.605	33.468	0.41
1.174	32.899	0.41
1.743	32.330	0.40
2.312	31.761	0.44
2.853	31.220	0.40
3.422	30.651	0.40
-0.479	35.148	0.43
0.063	34.606	0.42
0.632	34.037	0.41
1.201	33.468	0.41
-5.443	28.536	-0.01
-4.864	27.942	-0.09

2.240	27.638	0.40
1.410	27.648	0.41
0.663	27.653	0.42
-0.284	27.675	0.42
-1.089	27.675	0.43
4.888	27.292	0.36
4.083	27.292	0.37
3.401	27.351	0.38
2.648	27.270	0.39
1.860	27.278	0.40
1.071	27.285	0.41
0.264	27.315	0.42
-0.667	27.292	0.42
-1.434	27.292	0.41
4.466	26.909	0.37
3.034	26.883	0.39
2.204	26.893	0.40
1.416	26.900	0.40
0.668	26.883	0.41
-0.083	26.846	0.41
-1.089	26.909	0.39
4.888	26.526	0.36
4.186	26.468	0.37
3.380	26.519	0.38
2.592	26.526	0.39
1.840	26.467	0.39
1.052	26.474	0.39
0.326	26.478	0.39
-0.504	26.488	0.36
3.806	26.107	0.37
2.973	26.075	0.37
2.188	26.124	0.38
1.417	26.088	0.38
0.655	26.158	0.37
-0.119	26.079	0.33
4.888	25.721	0.35
4.152	25.743	0.36

-4.339	27.410	-0.15
-3.771	26.862	-0.18
-3.248	26.301	-0.20
-2.723	25.769	-0.18
-2.155	25.221	-0.18
-5.999	29.587	0.40
-5.463	29.010	0.31
-4.876	28.505	0.29
-4.313	27.897	0.14
-3.261	26.863	-0.07
-2.665	26.284	-0.20
-2.159	25.709	-0.25
-5.950	30.176	0.48
-5.381	29.627	0.47
-4.907	29.024	0.45
-4.339	28.475	0.43
-3.801	27.928	0.37
-3.260	27.411	0.33
-2.678	26.846	0.22
-2.137	26.329	0.10
-1.571	25.751	-0.05
-5.459	30.134	0.48
-4.839	29.656	0.48
-4.306	29.050	0.47
-3.756	28.458	0.46
-3.247	27.913	0.44
-2.693	27.380	0.43
-2.181	26.864	0.39
-1.611	26.344	0.36
-5.425	30.709	0.48
-4.857	30.160	0.48
-4.391	29.632	0.48
-3.750	29.064	0.47
-3.198	28.502	0.47
-2.689	27.956	0.46
-2.137	27.394	0.45
-1.552	26.859	0.44

2.571	25.694	0.36
1.826	25.720	0.36
1.056	25.705	0.34
0.206	25.716	0.29
-0.507	25.612	0.16
-1.294	25.641	-0.06
4.494	25.316	0.35
3.728	25.343	0.35
2.979	25.326	0.35
2.169	25.314	0.34
1.420	25.297	0.31
0.607	25.242	0.23
-0.118	25.267	0.09
-0.886	25.273	-0.16
4.880	24.928	0.34
4.127	24.847	0.34
3.362	24.896	0.33
2.576	24.925	0.32
1.808	24.931	0.28
1.016	24.896	0.17
0.246	24.859	-0.02
-1.290	24.871	-0.41
4.518	24.524	0.33
3.734	24.595	0.32
2.944	24.581	0.30
2.173	24.544	0.25
1.404	24.529	0.11
0.633	24.493	-0.11
-0.157	24.479	-0.38
-0.904	24.483	-0.51
4.926	24.156	0.32
4.093	24.123	0.30
3.324	24.108	0.27
2.579	24.134	0.21
1.770	24.143	0.05
0.997	24.085	-0.25
0.230	24.091	-0.45

-1.000	26.296	0.42
-4.317	30.160	0.48
-3.721	29.580	0.47
-3.180	29.063	0.47
-2.660	28.472	0.47
-2.092	27.924	0.46
-1.551	27.406	0.46
-3.448	35.973	0.43
-4.214	35.973	0.42
-5.018	35.973	0.43
-5.823	35.973	0.44
-6.589	35.973	0.44
-7.394	35.973	0.44
-8.198	35.973	0.43
-9.003	35.973	0.42
-3.026	35.552	0.42
-3.831	35.552	0.42
-4.635	35.552	0.44
-5.402	35.552	0.44
-6.206	35.552	0.44
-7.815	35.552	0.44
-8.581	35.552	0.43
-9.386	35.552	0.43
-3.448	35.169	0.42
-4.214	35.169	0.43
-5.018	35.169	0.44
-5.823	35.169	0.45
-6.589	35.169	0.44
-7.394	35.169	0.44
-8.198	35.169	0.43
-9.003	35.169	0.43
-3.026	34.786	0.42
-3.831	34.786	0.43
-4.635	34.786	0.44
-5.402	34.786	0.44
-6.206	34.786	0.44
-7.011	34.786	0.45

-0.541	24.054	-0.53
-1.307	24.082	-0.52
4.462	23.779	0.29
3.672	23.765	0.25
2.944	23.748	0.17
2.170	23.669	-0.04
1.345	23.742	-0.29
0.614	23.682	-0.48
-0.174	23.689	-0.50
-0.916	23.758	-0.48
4.910	23.388	0.28
4.079	23.376	0.23
3.290	23.384	0.12
2.540	23.346	-0.09
1.790	23.308	-0.34
1.002	23.315	-0.44
0.229	23.258	-0.42
-0.535	23.306	-0.41
-1.282	23.311	-0.36
4.463	22.967	0.20
3.654	22.976	0.08
2.902	22.917	-0.16
2.157	22.943	-0.33
1.429	22.925	-0.38
0.615	22.870	-0.35
-0.149	22.919	-0.33
-0.937	22.926	-0.25
4.828	22.581	0.18
4.081	22.586	0.04
3.312	22.570	-0.15
2.541	22.534	-0.29
0.982	22.505	-0.29
0.197	22.555	-0.25
-0.553	22.517	-0.18
-1.341	22.524	-0.12
4.404	22.180	-0.01
3.654	22.143	-0.17

-7.815	34.786	0.44
-8.581	34.786	0.43
-9.386	34.786	0.43
-3.448	34.403	0.43
-4.214	34.403	0.44
-5.018	34.403	0.44
-5.823	34.403	0.44
-6.589	34.403	0.45
-7.394	34.403	0.44
-8.198	34.403	0.44
-9.003	34.403	0.44
-2.988	33.981	0.44
-3.831	33.981	0.44
-4.635	33.981	0.44
-5.402	33.981	0.44
-6.244	33.981	0.44
-7.011	33.981	0.44
-7.815	33.981	0.45
-8.581	33.981	0.44
-9.386	33.981	0.43
-3.448	33.598	0.44
-4.214	33.598	0.44
-5.018	33.598	0.44
-5.674	33.561	0.44
-6.504	33.571	0.45
-7.251	33.576	0.45
-8.198	33.598	0.44
-9.003	33.598	0.45
-3.026	33.215	0.44
-3.831	33.215	0.44
-4.513	33.274	0.45
-5.266	33.193	0.45
-6.054	33.201	0.45
-6.843	33.208	0.45
-7.650	33.238	0.45
-8.581	33.215	0.45
-9.348	33.215	0.44

2.888	22.170	-0.26
2.139	22.153	-0.25
1.391	22.137	-0.22
0.645	22.163	-0.18
-0.184	22.173	-0.12
-0.895	22.111	-0.08
4.869	21.745	-0.03
4.040	21.755	-0.15
3.298	21.823	-0.20
2.548	21.786	-0.19
1.754	21.729	-0.17
0.968	21.758	-0.13
0.222	21.784	-0.09
-0.569	21.749	-0.05
-1.357	21.756	-0.03
4.388	21.412	-0.12
3.617	21.376	-0.15
2.891	21.379	-0.15
2.142	21.363	-0.12
1.332	21.350	-0.08
0.585	21.355	-0.05
-0.181	21.382	-0.03
-0.952	21.346	-0.01
4.834	20.999	-0.08
4.044	20.985	-0.10
3.277	20.992	-0.10
2.511	21.019	-0.08
1.743	21.025	-0.06
0.974	21.010	-0.04
0.160	20.955	-0.02
-0.585	20.981	0.00
-1.354	20.965	0.02
4.410	20.599	-0.07
3.663	20.604	-0.06
2.852	20.591	-0.05
2.132	20.680	-0.04
1.358	20.601	-0.02

-3.448	32.832	0.45
-4.090	32.819	0.45
-4.880	32.806	0.45
-5.710	32.816	0.45
-6.498	32.823	0.46
-7.247	32.806	0.46
-7.997	32.769	0.46
-9.003	32.832	0.45
-3.026	32.449	0.44
-3.728	32.391	0.45
-4.534	32.442	0.45
-6.074	32.390	0.46
-6.862	32.397	0.46
-7.588	32.401	0.47
-8.418	32.411	0.46
-9.386	32.449	0.44
-3.359	32.047	0.43
-4.108	32.030	0.46
-4.941	31.998	0.46
-5.726	32.047	0.46
-6.497	32.011	0.47
-7.260	32.081	0.47
-8.034	32.002	0.47
-8.803	31.987	0.46
-3.026	31.644	0.44
-3.762	31.666	0.45
-4.551	31.652	0.44
-5.343	31.617	0.47
-6.088	31.643	0.47
-6.858	31.628	0.48
-7.708	31.639	0.48
-8.421	31.535	0.43
-9.208	31.564	0.31
-3.420	31.239	0.45
-4.186	31.266	0.46
-4.935	31.249	0.46
-5.745	31.237	0.47

0.610	20.584	-0.01
-0.220	20.594	0.01
-0.949	20.555	0.02
4.816	20.210	-0.03
3.300	20.199	-0.03
2.471	20.209	-0.02
1.724	20.214	-0.01
0.955	20.199	0.00
0.187	20.205	0.01
-0.581	20.211	0.02
-1.350	20.196	0.03
4.371	19.811	-0.02
3.667	19.834	-0.02
2.089	19.828	0.00
1.320	19.813	0.00
0.592	19.795	0.01
-0.198	19.781	0.02
-0.964	19.808	0.03
4.840	19.418	-0.01
3.302	19.387	-0.01
2.472	19.397	0.00
1.725	19.402	0.00
0.935	19.388	0.01
0.169	19.416	0.01
-0.578	19.420	0.03
-1.368	19.406	0.02
4.438	19.038	-0.01
3.651	19.066	-0.01
2.879	19.008	0.00
2.051	19.040	0.00
1.323	19.022	0.00
0.576	19.027	0.01
-0.255	19.015	0.02
-1.020	19.064	0.03
4.819	18.586	0.00
4.029	18.572	-0.01
3.268	18.663	0.00

-6.494	31.220	0.48
-7.308	31.165	0.48
-8.032	31.190	0.42
-8.800	31.196	0.27
-3.034	30.851	0.45
-3.787	30.770	0.46
-4.552	30.819	0.46
-5.338	30.848	0.47
-6.106	30.854	0.48
-6.898	30.819	0.47
-7.668	30.782	0.39
-8.473	30.855	0.22
-9.204	30.794	0.26
-3.396	30.447	0.45
-4.180	30.518	0.46
-4.970	30.504	0.47
-5.741	30.467	0.48
-6.510	30.452	0.47
-7.281	30.416	0.36
-8.071	30.402	0.16
-8.818	30.406	0.23
-3.821	30.046	0.46
-4.590	30.031	0.47
-5.336	30.057	0.48
-6.145	30.066	0.46
-6.917	30.008	0.30
-7.685	30.014	0.12
-8.455	29.977	0.19
-3.452	29.702	0.44
-4.242	29.688	0.46
-4.970	29.671	0.46
-5.744	29.592	0.47
-6.569	29.665	0.28
-7.300	29.605	0.06
-8.088	29.612	0.15
-8.831	29.681	0.21
-3.004	29.311	0.46

2.478	18.649	0.00
1.710	18.655	0.00
0.962	18.639	0.01
0.151	18.626	0.02
-0.597	18.610	0.03
-1.406	18.618	0.03
4.442	18.268	0.00
3.667	18.168	0.00
2.861	18.219	0.00
2.054	18.249	0.01
1.308	18.275	0.01
0.539	18.260	0.01
-0.187	18.263	0.03
4.825	17.838	0.00
4.035	17.824	0.00
3.333	17.869	0.00
2.478	17.816	0.00
1.690	17.823	0.01
0.944	17.849	0.01
0.156	17.857	0.02
-0.636	17.822	0.02
-1.424	17.829	0.03
3.654	17.442	0.00
2.823	17.431	0.00
2.074	17.414	0.00
1.289	17.464	0.01
0.499	17.450	0.02
-0.250	17.434	0.02
-1.082	17.401	0.03
4.811	17.091	0.00
3.995	17.015	0.00
3.234	17.106	0.00
2.481	17.025	0.00
1.673	17.055	0.01
0.934	17.166	0.01
0.138	17.067	0.02
-0.610	17.051	0.02

-3.836	29.299	0.47
-4.624	29.307	0.47
-5.374	29.269	0.44
-6.124	29.231	0.20
-6.912	29.238	0.02
-7.685	29.181	0.12
-8.449	29.229	0.18
-9.196	29.234	0.22
-3.451	28.890	0.46
-4.260	28.899	0.46
-5.012	28.840	0.41
-5.757	28.866	0.15
-6.485	28.848	-0.02
-7.299	28.793	0.09
-8.063	28.842	0.15
-8.852	28.849	0.20
-3.086	28.504	0.46
-3.833	28.509	0.46
-4.602	28.493	0.39
-5.373	28.457	0.06
-6.161	28.464	-0.04
-6.932	28.428	0.06
-7.717	28.478	0.13
-8.467	28.440	0.17
-9.255	28.447	0.21
-6.523	28.060	0.04
-8.098	28.096	0.16
-8.809	28.034	0.18
-3.045	27.668	0.36
-6.946	27.681	0.08
-7.692	27.707	0.13
-8.483	27.672	0.17
-9.271	27.679	0.18
-6.583	27.273	0.07
-7.329	27.278	0.11
-8.096	27.305	0.14
-8.866	27.269	0.16

-1.400	17.037	0.03
4.426	16.666	0.03
3.598	16.698	0.00
2.872	16.701	0.00
2.080	16.666	0.01
1.274	16.717	0.01
0.523	16.658	0.02
-0.242	16.707	0.02
-1.075	16.674	0.03
4.852	16.255	0.00
4.003	16.287	0.01
3.234	16.273	0.02
2.504	16.233	0.01
1.676	16.264	0.01
0.933	16.312	0.00
0.122	16.300	0.02
-0.649	16.263	0.02
-1.472	16.297	0.03
4.411	15.920	0.01
3.641	15.884	0.00
2.856	15.934	0.01
2.045	15.921	0.02
0.487	15.913	0.02
-0.242	15.874	0.02
-1.072	15.884	0.02
4.880	15.527	0.01
4.031	15.559	0.00
3.238	15.503	0.01
2.490	15.486	0.01
1.681	15.495	0.01
0.913	15.501	0.02
-0.646	15.472	0.03
-1.472	15.531	0.03
4.393	15.130	0.01
3.667	15.133	0.01
2.835	15.101	0.01
2.070	15.150	0.01

-6.940	26.933	0.08
-7.754	26.878	0.11
-8.499	26.904	0.13
-9.269	26.888	0.13
-6.556	26.524	0.06
-7.304	26.507	0.09
-8.134	26.517	0.11
-8.863	26.478	0.10
-6.960	26.122	0.07
-7.727	26.128	0.08
-8.495	26.134	0.07
-9.264	26.119	0.09
-6.594	25.736	0.04
-7.322	25.718	0.04
-8.112	25.704	0.04
-8.878	25.731	0.07
-6.979	25.311	0.00
-7.745	25.339	0.01
-8.492	25.343	0.06
-9.282	25.329	0.10
-6.591	24.945	-0.03
-7.338	24.950	0.00
-8.169	24.938	0.07
-8.934	24.987	0.14
-6.952	24.562	-0.01
-7.763	24.549	0.07
-8.511	24.533	0.15
-9.320	24.541	0.19
-6.606	24.198	0.00
-7.375	24.183	0.09
-8.101	24.186	0.15
-8.872	24.150	0.18
-6.970	23.772	0.10
-7.758	23.780	0.15
-8.550	23.745	0.17
-9.338	23.752	0.20
-6.625	23.387	0.11

1.279	15.114	0.01
0.487	15.080	0.02
-0.236	15.126	0.02
-1.048	15.091	0.03
4.888	14.726	0.01
4.009	14.707	0.01
3.222	14.735	0.01
2.474	14.718	0.01
1.642	14.707	0.01
0.873	14.692	0.02
0.126	14.697	0.02
-0.640	14.724	0.03
-1.472	14.726	0.03
4.466	14.343	0.01
3.672	14.364	0.01
2.880	14.329	0.01
2.049	14.318	0.01
1.283	14.345	0.02
0.474	14.354	0.02
-0.284	14.343	0.02
-1.089	14.343	0.03
4.888	13.960	0.01
4.083	13.960	0.01
3.279	13.960	0.01
2.513	13.960	0.01
1.708	13.960	0.01
0.903	13.960	0.02
0.099	13.960	0.02
-0.667	13.960	0.03
-1.472	13.960	0.03
4.466	13.577	0.01
3.700	13.577	0.06
2.896	13.577	0.06
2.053	13.615	0.08
1.287	13.577	0.09
0.520	13.577	0.02
-0.284	13.577	0.02

-7.415	23.373	0.14
-8.164	23.357	0.16
-8.996	23.324	0.19
-6.980	23.089	0.13
-7.776	22.990	0.15
-8.525	22.974	0.18
-9.314	22.960	0.19
-6.640	22.640	0.12
-7.391	22.581	0.14
-8.156	22.630	0.16
-8.989	22.597	0.17
-6.982	22.235	0.12
-7.792	22.223	0.15
-8.563	22.186	0.17
-9.386	22.220	0.19
-7.427	21.836	0.14
-8.156	21.797	0.16
-8.986	21.807	0.18
-8.560	21.395	0.17
-9.386	21.454	0.19
-8.150	21.049	0.15
-8.962	21.014	0.17
-8.554	20.647	0.16
-9.386	20.649	0.18
-6.631	20.268	0.09
-7.440	20.277	0.13
-8.198	20.266	0.15
-9.003	20.266	0.17
-7.815	19.883	0.13
-8.581	19.883	0.15
-9.386	19.883	0.17
-8.198	19.500	0.14
-9.003	19.500	0.16
-7.815	19.078	0.13
-8.581	19.078	0.14
-9.386	19.078	0.16
-7.394	18.695	0.11

-1.089	13.577	0.03
4.888	13.155	0.02
4.083	13.155	0.02
3.279	13.155	0.01
1.708	13.155	0.02
0.903	13.155	0.02
0.099	13.155	0.02
-0.667	13.155	0.03
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4.466	12.772	0.02
3.700	12.772	0.02
2.896	12.772	0.02
2.053	12.772	0.01
1.363	12.772	0.02
0.520	12.772	0.02
-0.284	12.772	0.03
-1.127	12.772	0.03
4.888	12.389	0.02
4.083	12.389	0.02
3.279	12.389	0.02
2.513	12.389	0.03
1.708	12.389	0.02
0.903	12.389	0.01
0.099	12.389	0.02
-0.629	12.389	0.03
-1.472	12.389	0.03
4.466	12.006	0.03
3.700	12.006	0.02
2.896	12.006	0.02
2.053	12.006	0.02
1.287	12.006	0.04
0.520	12.006	0.02
-0.284	12.006	0.03
-1.089	12.006	0.03
4.888	11.623	0.04
4.083	11.585	0.03
3.279	11.623	0.02

-8.198	18.695	0.13
-9.041	18.695	0.15
-7.011	18.312	0.09
-7.815	18.312	0.12
-8.543	18.312	0.14
-9.386	18.312	0.15
-6.628	17.929	0.06
-7.394	17.929	0.11
-8.198	17.929	0.12
-9.003	17.929	0.14
-7.815	17.546	0.06
-9.386	17.546	0.13
-11.169	34.320	0.45
-11.738	33.751	0.44
-12.307	33.182	0.43
-12.849	32.641	0.40
-13.418	32.072	0.38
-13.987	31.503	0.37
-14.555	30.934	0.36
-10.031	34.862	0.44
-10.600	34.293	0.44
-11.169	33.724	0.45
-11.711	33.182	0.43
-12.280	32.613	0.41
-12.849	32.045	0.44
-13.418	31.476	0.36
-13.959	30.934	0.35
-14.528	30.365	0.33
-10.059	34.293	0.43
-10.600	33.751	0.43
-11.169	33.182	0.43
-11.738	32.613	0.41
-12.280	32.072	0.37
-9.490	34.320	0.43
-10.059	33.751	0.43
-10.627	33.182	0.43
-11.169	32.641	0.42
-11.738	32.072	0.37
-12.307	31.503	0.35
-13.418	30.392	0.31
-13.987	29.823	0.29
-9.517	33.751	0.43
-10.059	33.209	0.43
-9.490	34.320	0.43

2.513	11.623	0.02
1.708	11.623	0.02
0.903	11.623	0.02
0.099	11.623	0.03
-1.472	11.623	0.03
-10.627	34.862	0.44
-11.169	34.320	0.43
-11.738	33.751	0.43
-12.307	33.182	0.44
-12.849	32.641	0.40
-13.418	32.072	0.36
-13.987	31.503	0.34
-14.555	30.934	0.33
-10.031	34.862	0.43
-10.600	34.293	0.43
-11.169	33.724	0.44
-11.711	33.182	0.44
-12.280	32.613	0.41
-13.418	31.476	0.34
-13.959	30.934	0.33
-14.528	30.365	0.31
-10.059	34.293	0.43
-10.600	33.751	0.43
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-12.280	32.072	0.37
-9.490	34.320	0.43
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-9.517	33.751	0.43
-10.059	33.209	0.43
-10.627	32.641	0.42

-10.059	33.751	0.43
-10.627	33.182	0.43
-11.169	32.641	0.44
-11.738	32.072	0.38
-12.307	31.503	0.35
-13.418	30.392	0.33
-13.987	29.823	0.31
-9.517	33.751	0.43
-10.059	33.209	0.42
-10.627	32.641	0.39
-11.196	32.072	0.37
-11.738	31.530	0.35
-12.307	30.961	0.33
-12.876	30.392	0.32
-13.445	29.823	0.31
-8.894	33.778	0.43
-9.490	33.182	0.43
-10.059	32.613	0.40
-10.600	32.072	0.36
-11.196	31.476	0.34
-11.738	30.934	0.32
-12.307	30.365	0.32
-12.849	29.823	0.31
-13.418	29.254	0.28
-8.948	33.182	0.44
-9.490	32.641	0.43
-10.059	32.072	0.36
-10.496	31.582	0.33
-11.090	31.002	0.31
-11.622	30.477	0.31
-12.307	29.823	0.30
-12.876	29.254	0.28
-8.379	33.209	0.44
-8.948	32.641	0.44
-9.472	32.200	0.39
-9.947	31.610	0.32
-10.510	31.058	0.31

-11.196	32.072	0.37
-11.738	31.530	0.34
-12.307	30.961	0.32
-12.876	30.392	0.31
-13.445	29.823	0.29
-8.894	33.778	0.43
-9.490	33.182	0.43
-10.059	32.613	0.42
-10.600	32.072	0.38
-11.196	31.476	0.33
-11.738	30.934	0.31
-12.307	30.365	0.31
-12.849	29.823	0.29
-13.418	29.254	0.27
-8.948	33.182	0.43
-9.490	32.641	0.43
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-12.876	29.254	0.27
-8.379	33.209	0.43
-8.948	32.641	0.43
-9.472	32.200	0.41
-9.947	31.610	0.35
-10.510	31.058	0.30
-11.073	30.506	0.29
-11.665	29.956	0.29
-12.849	28.740	0.24
-8.852	32.177	0.42
-10.557	30.477	0.29
-11.074	29.936	0.28
-11.578	29.379	0.27
-7.837	32.668	0.44
-8.292	32.130	0.44
-8.898	31.597	0.39

-11.073	30.506	0.30
-11.665	29.956	0.30
-12.307	29.281	0.28
-12.849	28.740	0.25
-8.406	32.641	0.45
-8.852	32.177	0.44
-9.400	31.609	0.31
-9.994	31.030	0.29
-10.557	30.477	0.28
-11.074	29.936	0.28
-11.578	29.379	0.28
-12.334	28.713	0.28
-8.292	32.130	0.46
-8.898	31.597	0.35
-9.951	30.471	0.26
-10.513	29.919	0.27
-11.029	29.408	0.27
-11.623	28.828	0.25
-8.306	31.607	0.44
-8.872	30.995	0.24
-9.462	30.475	0.25
-9.981	29.904	0.25
-10.570	29.414	0.26
-11.062	28.811	0.25
-7.268	32.099	0.46
-7.804	31.594	0.47
-8.352	31.026	0.22
-8.887	30.441	0.22
-9.433	29.933	0.23
-9.966	29.378	0.24
-10.575	28.785	0.24
-11.583	27.671	0.18
-7.260	31.533	0.47
-7.821	31.011	0.42
-8.338	30.470	0.17
-8.903	29.888	0.21
-9.420	29.347	0.22

-9.951	30.471	0.27
-10.513	29.919	0.27
-11.029	29.408	0.27
-11.623	28.828	0.24
-8.306	31.607	0.42
-8.872	30.995	0.32
-9.462	30.475	0.27
-9.981	29.904	0.26
-10.570	29.414	0.26
-11.062	28.811	0.24
-7.268	32.099	0.44
-7.804	31.594	0.43
-8.887	30.441	0.27
-9.433	29.933	0.25
-9.966	29.378	0.25
-10.575	28.785	0.24
-11.006	28.207	0.20
-11.583	27.671	0.16
-7.260	31.533	0.44
-7.821	31.011	0.40
-8.338	30.470	0.27
-8.903	29.888	0.23
-9.420	29.347	0.24
-9.957	28.733	0.23
-10.487	28.238	0.20
-11.034	27.699	0.16
-6.713	31.532	0.44
-7.189	30.943	0.42
-7.763	30.437	0.32
-8.340	29.901	0.22
-8.887	29.362	0.22
-9.422	28.777	0.22
-9.941	28.207	0.21
-11.035	27.130	0.12
-7.287	30.486	0.37
-7.836	29.918	0.23
-8.355	29.347	0.21

-9.957	28.733	0.23
-10.487	28.238	0.22
-11.034	27.699	0.18
-6.713	31.532	0.47
-7.189	30.943	0.47
-7.763	30.437	0.19
-8.340	29.901	0.17
-8.887	29.362	0.20
-9.422	28.777	0.21
-9.941	28.207	0.21
-10.561	27.689	0.18
-11.035	27.130	0.15
-6.683	30.990	0.47
-7.287	30.486	0.37
-7.836	29.918	0.11
-8.889	28.792	0.19
-9.408	28.222	0.20
-9.957	27.653	0.18
-10.488	27.128	0.14
-6.700	30.407	0.45
-8.357	28.778	0.16
-8.862	28.191	0.18
-9.409	27.652	0.18
-26.310	28.939	0.46
-26.852	28.397	0.45
-27.421	27.828	0.24
-27.989	27.259	-0.18
-28.531	26.718	-0.07
-29.100	26.149	-0.01
-29.669	25.580	-0.03
-30.238	25.011	-0.07
-25.714	28.939	0.45
-26.283	28.370	0.45
-26.852	27.801	0.40
-27.962	26.690	-0.12
-28.531	26.122	-0.09
-29.100	25.553	-0.04

-8.889	28.792	0.20
-9.408	28.222	0.21
-9.957	27.653	0.16
-10.488	27.128	0.11
-7.233	29.852	0.20
-7.779	29.343	0.20
-8.357	28.778	0.21
-8.862	28.191	0.20
-9.409	27.652	0.17
-9.929	27.081	0.10
-10.490	26.559	0.08
-6.196	30.424	0.43
-6.745	29.856	0.34
-7.739	28.725	0.18
-8.374	28.194	0.18
-8.848	27.635	0.16
-9.411	27.083	0.10
-9.984	26.606	0.05
-5.602	30.464	0.44
-6.182	29.868	0.40
-6.745	29.316	0.23
-7.249	28.759	0.16
-7.752	28.202	0.17
-8.315	27.650	0.16
-8.820	27.063	0.10
-9.395	26.556	0.03
-9.927	26.032	0.06
-5.621	29.851	0.42
-6.199	29.285	0.31
-6.689	28.712	0.16
-7.235	28.203	0.15
-7.737	27.676	0.16
-8.273	27.061	0.10
-8.848	26.555	0.03
-9.411	26.003	0.01
-5.090	29.836	0.44
-5.621	29.311	0.38

-29.642	25.011	-0.10
-30.211	24.442	-0.01
-25.741	28.370	0.45
-26.283	27.828	0.43
-26.852	27.259	0.08
-27.421	26.690	-0.19
-27.962	26.149	-0.08
-28.531	25.580	-0.04
-29.100	25.011	-0.10
-29.669	24.442	-0.08
-25.172	28.397	0.44
-25.741	27.828	0.44
-27.421	26.149	-0.13
-27.989	25.580	-0.05
-29.100	24.469	-0.13
-29.669	23.900	0.03
-25.199	27.828	0.44
-25.741	27.286	0.42
-24.500	23.000	-0.28
-26.310	26.718	-0.07
-26.879	26.149	-0.19
-27.421	25.607	-0.08
-27.989	25.038	-0.09
-29.127	23.900	-0.05
-24.576	27.855	0.44
-25.172	27.259	0.43
-25.741	26.690	0.26
-26.879	25.553	-0.13
-27.421	25.011	-0.10
-27.989	24.442	-0.14
-28.531	23.900	-0.12
-29.100	23.331	0.04
-24.630	27.259	0.43
-25.172	26.718	0.39
-25.741	26.149	-0.21
-26.179	25.659	-0.21
-26.772	25.079	-0.12

-6.154	28.757	0.19
-6.674	28.186	0.14
-7.755	27.063	0.11
-8.346	26.543	0.02
-6.689	27.632	0.13
-7.207	27.091	0.11
-7.752	26.583	0.04
-8.346	26.003	-0.07
-8.805	25.457	0.00
-4.470	29.274	0.42
-5.063	28.695	0.35
-5.636	28.218	0.14
-6.140	27.661	0.10
-6.661	27.060	0.10
-7.238	26.524	0.02
-7.783	26.016	-0.09
-8.318	25.431	-0.06
-8.880	24.879	0.11
-4.575	28.698	0.40
-5.094	28.128	0.22
-5.610	27.616	0.08
-6.128	27.075	0.09
-6.692	26.493	0.02
-7.224	25.968	-0.11
-7.785	25.446	-0.13
-8.304	24.875	0.06
-3.967	28.722	0.42
-4.516	28.154	0.32
-5.063	27.615	0.09
-5.624	27.093	0.07
-6.171	26.554	0.03
-6.704	26.000	-0.10
-7.241	25.385	-0.19
-7.786	24.877	0.00
-8.319	24.322	0.10
-3.984	28.139	0.38
-4.516	27.614	0.16

-27.304	24.554	-0.14
-27.989	23.900	-0.17
-28.558	23.331	0.01
-24.061	27.286	0.43
-24.630	26.718	0.42
-25.154	26.277	0.20
-25.630	25.687	-0.30
-25.000	25.500	-0.30
-26.193	25.135	-0.16
-26.755	24.583	-0.13
-27.347	24.033	-0.19
-27.989	23.358	-0.06
-28.531	22.817	0.04
-24.089	26.718	0.43
-24.534	26.254	0.34
-25.676	25.107	-0.20
-26.239	24.554	-0.14
-26.757	24.013	-0.18
-27.260	23.456	-0.15
-24.581	25.674	0.04
-25.633	24.548	-0.17
-26.196	23.996	-0.16
-26.712	23.485	-0.20
-27.305	22.905	-0.02
-23.988	25.684	0.29
-24.554	25.072	-0.33
-25.664	23.981	-0.16
-26.253	23.491	-0.23
-26.744	22.888	-0.08
-22.951	26.176	0.42
-23.486	25.671	0.38
-24.035	25.103	0.00
-24.570	24.518	-0.26
-25.115	24.010	-0.17
-25.648	23.455	-0.23
-26.258	22.862	-0.15
-26.689	22.284	-0.02

-5.080	27.032	0.04
-5.652	26.585	0.03
-6.143	25.982	-0.11
-6.661	25.441	-0.24
-14.918	28.999	0.26
-14.918	28.233	0.24
-14.918	27.428	0.27
-14.918	26.624	0.29
-14.918	25.858	0.30
-14.918	25.053	0.30
-14.918	24.249	0.29
-14.918	23.444	0.28
-14.497	29.421	0.26
-14.497	28.616	0.23
-14.497	27.812	0.24
-14.497	27.045	0.27
-14.497	26.241	0.29
-14.497	24.632	0.29
-14.497	23.866	0.28
-14.497	23.061	0.27
-14.114	28.999	0.24
-14.114	28.233	0.22
-14.114	27.428	0.23
-14.114	26.624	0.27
-14.114	24.249	0.28
-14.114	23.444	0.27
-13.731	29.421	0.26
-13.731	28.616	0.22
-13.731	27.812	0.20
-13.731	27.045	0.22
-13.731	26.241	0.26
-13.731	25.436	0.27
-13.731	23.866	0.26
-13.731	23.061	0.25
-13.348	28.999	0.24
-13.348	28.233	0.20
-13.348	27.428	0.19

-27.265	21.748	0.00
-22.942	25.610	0.40
-23.503	25.088	0.17
-24.021	24.547	-0.35
-24.585	23.965	-0.20
-25.103	23.424	-0.21
-25.639	22.810	-0.23
-26.169	22.315	-0.05
-26.716	21.776	-0.02
-22.395	25.609	0.41
-22.871	25.020	0.33
-23.446	24.514	-0.33
-24.022	23.978	-0.25
-24.570	23.439	-0.21
-25.104	22.854	-0.28
-25.624	22.284	-0.07
-26.243	21.766	-0.04
-26.718	21.207	-0.05
-22.970	24.563	-0.03
-23.519	23.995	-0.32
-24.038	23.424	-0.21
-25.090	22.299	-0.13
-25.639	21.730	-0.06
-26.171	21.205	-0.02
-22.383	24.484	0.21
-22.916	23.929	-0.41
-23.461	23.420	-0.26
-24.039	22.855	-0.31
-24.545	22.268	-0.20
-25.092	21.729	-0.07
-25.611	21.158	-0.04
-26.172	20.636	-0.01
-21.879	24.501	0.35
-22.428	23.933	-0.27
-22.930	23.406	-0.33
-23.421	22.802	-0.30
-24.057	22.271	-0.28

-13.348	26.624	0.24
-13.348	25.858	0.26
-13.348	25.053	0.26
-13.348	24.249	0.26
-13.348	23.444	0.25
-12.926	29.459	0.27
-12.926	28.616	0.22
-12.926	27.812	0.18
-12.926	27.045	0.19
-12.926	26.202	0.24
-12.926	25.436	0.25
-12.926	24.632	0.26
-12.926	23.866	0.24
-12.926	23.061	0.24
-12.543	28.999	0.24
-12.543	28.233	0.19
-12.543	27.428	0.16
-12.506	26.772	0.18
-12.516	25.943	0.23
-12.521	25.196	0.24
-12.543	24.249	0.24
-12.543	23.444	0.23
-12.160	29.421	0.26
-12.160	28.616	0.22
-12.219	27.934	0.17
-12.138	27.181	0.14
-12.146	26.392	0.19
-12.153	25.604	0.23
-12.183	24.797	0.23
-12.160	23.866	0.22
-12.160	23.099	0.22
-11.777	28.999	0.24
-11.760	26.737	0.14
-11.768	25.949	0.20
-11.751	25.200	0.22
-11.714	24.450	0.22
-11.777	23.444	0.21

-24.531	21.712	-0.09
-25.093	21.160	-0.06
-25.667	20.683	-0.03
-21.285	24.541	0.38
-21.865	23.945	0.10
-22.427	23.393	-0.41
-22.931	22.836	-0.30
-23.435	22.279	-0.32
-23.998	21.727	-0.12
-24.503	21.140	-0.08
-25.078	20.633	-0.04
-25.609	20.109	-0.02
-22.372	22.789	-0.34
-22.917	22.280	-0.33
-23.419	21.753	-0.16
-23.956	21.138	-0.10
-24.531	20.632	-0.04
-25.093	20.080	-0.02
-20.772	23.913	0.35
-21.837	22.834	-0.40
-22.356	22.263	-0.32
-22.919	21.711	-0.22
-23.438	21.140	-0.13
-24.028	20.620	-0.06
-24.532	20.063	-0.03
-25.095	19.511	-0.02
-21.854	22.250	-0.33
-22.372	21.709	-0.28
-22.889	21.168	-0.16
-24.028	20.080	-0.04
-24.487	19.534	-0.03
-20.152	23.351	0.29
-21.823	21.738	-0.33
-22.344	21.137	-0.18
-22.920	20.601	-0.09
-23.466	20.093	-0.05
-24.000	19.508	-0.04

-11.394	29.421	0.26
-11.335	28.719	0.22
-11.387	27.913	0.17
-11.335	26.373	0.14
-11.342	25.585	0.20
-11.346	24.859	0.21
-11.356	24.029	0.20
-11.394	23.061	0.24
-10.992	29.088	0.20
-10.975	28.339	0.19
-10.942	27.506	0.13
-10.992	26.721	0.09
-10.956	25.950	0.15
-11.026	25.187	0.20
-10.947	24.413	0.19
-10.932	23.644	0.16
-10.589	29.421	0.25
-10.611	28.685	0.22
-10.597	27.895	0.18
-10.562	27.104	0.09
-10.588	26.359	0.08
-10.573	25.589	0.16
-10.584	24.739	0.18
-10.480	24.025	0.17
-10.509	23.239	0.17
-10.194	27.512	0.12
-10.182	26.702	0.05
-10.165	25.953	0.08
-10.110	25.139	0.16
-10.135	24.415	0.17
-10.141	23.647	0.16
-9.764	27.895	0.16
-9.793	27.108	0.08
-9.799	26.341	0.02
-9.763	25.549	0.10
-9.727	24.778	0.15
-9.739	23.243	0.15

-24.563	18.956	-0.03
-20.257	22.775	-0.05
-20.777	22.205	-0.39
-21.293	21.693	-0.36
-21.810	21.152	-0.22
-22.375	20.570	-0.10
-22.906	20.045	-0.06
-23.467	19.523	-0.04
-23.986	18.952	-0.03
-19.650	22.799	0.19
-20.746	21.692	-0.37
-21.307	21.170	-0.25
-21.854	20.631	-0.13
-22.387	20.077	-0.06
-22.923	19.462	-0.05
-23.469	18.954	-0.04
-24.002	18.399	-0.03
-19.667	22.216	-0.24
-20.198	21.691	-0.40
-20.763	21.109	-0.29
-21.334	20.662	-0.17
-21.826	20.059	-0.07
-22.343	19.518	-0.06
-22.937	18.939	-0.04
-23.425	18.395	-0.04
-19.104	22.228	0.06
-19.636	21.703	-0.42
-20.169	21.149	-0.32
-20.762	20.569	-0.17
-21.294	20.044	-0.08
-21.827	19.490	-0.06
-22.374	18.951	-0.05
-22.921	18.413	-0.03
-23.455	17.858	-0.04
-19.137	21.631	-0.41
-19.651	21.150	-0.34
-20.762	20.029	-0.08

-9.449	27.477	0.13
-9.412	26.706	0.02
-9.397	25.937	0.00
-9.361	25.166	0.11
-9.347	24.376	0.14
-9.351	23.629	0.12
-8.976	27.857	0.16
-9.002	27.111	0.08
-9.011	26.302	-0.03
-8.953	25.530	0.01
-8.959	24.762	0.11
-8.922	23.992	0.11
-8.950	23.225	0.11
-8.615	27.477	0.13
-8.536	26.703	0.01
-8.610	25.878	-0.08
-8.550	25.147	0.04
-8.557	24.359	0.09
-8.626	23.616	0.09
-8.252	27.823	0.16
-8.214	27.073	0.08
-8.176	26.323	-0.06
-8.183	25.534	-0.10
-8.126	24.762	0.05
-8.174	23.998	0.08
-8.179	23.251	0.08
-7.785	27.435	0.13
-7.811	26.690	0.03
-7.793	25.962	-0.14
-7.738	25.148	-0.08
-7.786	24.384	0.05
-7.794	23.595	0.06
-7.438	27.845	0.14
-7.402	27.074	0.09
-7.373	25.515	-0.20
-7.423	24.730	-0.02
-7.385	23.980	0.04

-21.296	19.475	-0.07
-21.798	18.947	-0.05
-22.346	18.379	-0.05
-22.907	17.857	-0.04
-18.527	21.685	-0.14
-19.594	20.576	-0.23
-20.187	19.996	-0.10
-20.719	19.471	-0.07
-21.268	18.903	-0.06
-21.829	18.380	-0.06
-22.360	17.856	-0.05
-22.909	17.287	-0.04
-18.543	21.132	-0.37
-19.119	20.595	-0.26
-19.625	20.008	-0.11
-20.232	19.445	-0.07
-20.734	18.918	-0.07
-21.266	18.393	-0.06
-21.846	17.797	-0.05
-22.421	17.291	-0.04
-17.954	21.082	-0.29
-18.503	20.513	-0.24
-19.105	20.040	-0.13
-19.654	19.471	-0.08
-20.201	18.933	-0.06
-20.719	18.392	-0.06
-21.283	17.810	-0.05
-21.801	17.269	-0.04
-22.379	16.703	-0.04
-17.995	20.591	-0.26
-18.473	19.971	-0.14
-19.079	19.438	-0.08
-19.671	18.888	-0.07
-20.217	18.379	-0.06
-20.750	17.825	-0.06
-21.266	17.313	-0.05
-21.785	16.743	-0.04

-7.392	23.192	0.05
-7.038	27.421	0.12
-7.021	26.672	0.03
-7.005	25.923	-0.18
-7.041	24.348	0.00
-6.979	23.638	0.02
-6.691	27.831	0.12
-6.654	27.080	0.09
-6.597	26.287	-0.07
-6.626	25.501	-0.26
-6.652	24.755	-0.13
-6.617	23.964	0.00
-6.624	23.175	0.02
-6.280	28.921	0.21
-6.244	28.150	0.11
-6.247	27.424	0.09
-6.231	26.675	0.03
-6.218	25.864	-0.19
-6.223	25.117	-0.29
-6.250	24.351	-0.08
-6.214	23.581	-0.01
-5.867	29.367	0.35
-5.853	28.577	0.18
-5.859	27.810	0.08
-5.887	27.044	0.07
-5.893	26.276	-0.05
-13.807	21.820	0.23
-13.265	21.278	0.21
-12.696	20.709	0.19
-12.127	20.140	0.18
-11.585	19.598	0.18
-11.017	19.029	0.17
-10.448	18.460	0.16
-9.879	17.891	0.14
-13.807	22.415	0.24
-13.238	21.847	0.22
-12.669	21.278	0.21

-17.420	20.557	-0.23
-17.969	19.989	-0.16
-18.498	19.524	-0.09
-19.065	18.882	-0.07
-19.628	18.330	-0.07
-21.271	16.684	-0.04
-21.833	16.132	-0.04
-18.549	18.853	0.00
-19.067	18.312	-0.03
-19.657	17.792	-0.04
-20.206	17.224	-0.05
-20.723	16.683	-0.04
-21.289	16.071	-0.04
-16.902	20.019	-0.15
-17.425	19.388	-0.08
-18.028	18.914	-0.07
-18.504	18.325	-0.07
-19.096	17.775	-0.06
-19.697	17.331	-0.05
-20.190	16.698	-0.06
-20.708	16.157	-0.04
-21.256	15.588	-0.04
-16.874	19.447	-0.05
-17.482	18.883	-0.06
-17.998	18.372	-0.06
-18.533	17.788	-0.06
-19.139	17.254	-0.05
-19.629	16.681	-0.05
-20.204	16.174	-0.04
-20.770	15.563	-0.04
-16.283	19.456	-0.08
-16.905	18.879	-0.06
-17.439	18.325	-0.08
-17.927	17.781	-0.06
-18.535	17.218	-0.05
-19.094	16.725	-0.05
-19.659	16.144	-0.04

-12.127	20.736	0.19
-11.558	20.167	0.18
-10.421	19.029	0.16
-9.879	18.487	0.15
-9.310	17.919	0.13
-13.238	22.388	0.23
-12.696	21.847	0.21
-12.127	21.278	0.20
-11.558	20.709	0.19
-11.017	20.167	0.18
-10.448	19.598	0.17
-9.879	19.029	0.15
-9.310	18.460	0.14
-13.265	22.957	0.24
-12.696	22.388	0.22
-11.585	21.278	0.19
-11.017	20.709	0.18
-10.448	20.140	0.18
-9.337	19.029	0.14
-8.768	18.460	0.13
-12.696	22.930	0.23
-12.154	22.388	0.21
-11.585	21.820	0.20
-11.017	21.251	0.18
-10.475	20.709	0.18
-9.906	20.140	0.16
-9.337	19.571	0.15
-8.768	19.002	0.14
-12.723	23.553	0.24
-12.127	22.957	0.22
-11.558	22.388	0.20
-11.017	21.847	0.19
-10.421	21.251	0.18
-9.879	20.709	0.17
-9.310	20.140	0.16
-8.768	19.598	0.14
-8.199	19.029	0.13

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-20.784	15.015	-0.03
-16.357	18.908	-0.05
-16.877	18.338	-0.05
-17.467	17.818	-0.05
-19.127	16.129	-0.04
-19.615	15.585	-0.04
-20.209	15.006	-0.03
-15.748	18.962	-0.05
-16.371	18.385	-0.05
-16.892	17.784	-0.05
-17.409	17.243	-0.04
-17.987	16.677	-0.04
-18.534	16.138	-0.04
-19.616	15.015	-0.03
-20.242	14.473	-0.02
-15.811	18.337	-0.04
-16.327	17.826	-0.04
-16.893	17.215	-0.04
-17.468	16.708	-0.04
-18.003	16.123	-0.04
-18.538	15.539	-0.03
-19.082	15.061	-0.03
-19.632	14.462	-0.03
-15.176	18.401	-0.03
-15.784	17.766	-0.03
-16.360	17.230	-0.04
-16.878	16.688	-0.04
-17.457	16.092	-0.04
-17.991	15.538	-0.03
-18.522	15.013	-0.03
-19.083	14.491	-0.02
-19.673	13.904	-0.02
-15.203	17.832	-0.02
-15.780	17.285	-0.03
-16.315	16.701	-0.03
-16.895	16.105	-0.03

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-11.585	22.957	0.20
-11.017	22.388	0.19
-10.527	21.951	0.18
-9.947	21.357	0.17
-9.422	20.825	0.16
-8.768	20.140	0.15
-8.199	19.571	0.14
-12.154	24.068	0.23
-11.585	23.499	0.21
-11.145	22.975	0.19
-10.555	22.499	0.18
-10.003	21.937	0.17
-9.451	21.374	0.16
-8.901	20.782	0.15
-8.226	20.140	0.14
-7.684	19.598	0.12
-11.585	24.041	0.21
-11.122	23.595	0.19
-10.554	23.047	0.17
-9.974	22.453	0.17
-9.422	21.890	0.16
-8.881	21.373	0.15
-7.657	20.113	0.12
-11.075	24.155	0.19
-10.542	23.549	0.18
-8.849	22.465	0.14
-8.323	22.481	0.12
-7.730	21.872	0.12
-7.151	21.441	0.12
-6.615	20.864	0.11
-7.678	22.490	0.10
-7.183	21.960	0.11
-6.644	21.413	0.11
-7.152	22.506	0.09
-6.634	21.886	0.10
-6.075	21.412	0.10

-17.456	15.583	-0.03
-18.034	15.017	-0.03
-18.562	14.473	-0.02
-19.131	13.904	-0.03
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-15.203	17.290	-0.01
-15.772	16.721	-0.02
-16.314	16.180	-0.03
-16.883	15.611	-0.03
-17.452	15.042	-0.02
-18.020	14.473	-0.02
-18.562	13.931	-0.02
-19.131	13.362	-0.02
-14.661	17.290	0.00
-15.772	16.180	-0.02
-16.395	15.611	-0.02
-16.910	15.042	-0.02
-17.452	14.500	-0.02
-18.020	13.931	-0.02
-18.589	13.362	-0.01
-14.065	17.290	0.03
-14.634	16.721	0.01
-15.203	16.153	-0.01
-16.314	15.042	-0.01
-16.883	14.473	-0.01
-17.452	13.904	-0.01
-17.993	13.362	-0.01
-18.562	12.793	-0.01
-14.092	16.721	0.03
-14.634	16.180	-0.01
-15.203	15.611	0.00
-15.799	15.015	-0.01
-16.287	14.527	-0.01
-16.883	13.931	-0.01
-17.452	13.362	0.00
-18.048	12.766	0.00
-13.524	16.748	0.05

-6.598	22.490	0.06
-6.073	21.959	0.09
-6.026	22.518	0.04
-5.504	21.957	0.07
-6.027	23.036	-0.01
-5.551	22.463	0.03
-9.409	26.845	0.05
-8.813	26.265	-0.03
-8.261	25.702	-0.11
-7.704	25.198	-0.09
-7.147	24.695	-0.05
-6.595	24.132	-0.02
-6.008	23.627	-0.02
-5.501	23.052	-0.03
-4.977	22.520	0.01
-8.796	26.826	0.05
-8.230	26.248	-0.06
-5.425	30.709	0.44
-4.857	30.160	0.44
-4.391	29.632	0.44
-3.750	29.064	0.43
-3.198	28.502	0.43
-2.689	27.956	0.43
-2.137	27.394	0.43
-1.552	26.859	0.37
-1.000	26.296	0.32
-4.918	30.681	0.40
-4.317	30.160	0.40
-3.721	29.580	0.40
-3.180	29.063	0.41
-2.660	28.472	0.41
-2.092	27.924	0.43
-1.551	27.406	0.42
-0.939	26.840	0.39
-4.887	31.227	0.44
-4.256	30.704	0.44
-3.782	30.101	0.44

-14.092	16.180	0.02
-14.661	15.611	0.01
-15.203	15.069	0.01
-15.772	14.500	-0.01
-16.341	13.931	-0.01
-16.910	13.362	-0.01
-17.424	12.848	0.00
-18.020	12.252	0.01
-13.551	16.180	0.05
-14.092	15.638	0.02
-14.661	15.069	0.01
-15.257	14.473	0.00
-15.799	13.931	-0.02
-16.341	13.389	0.00
-16.910	12.820	0.01
-17.479	12.252	0.02
-12.982	16.207	0.08
-13.524	15.611	0.04
-14.120	15.069	0.02
-14.661	14.527	0.01
-15.230	13.958	0.01
-15.799	13.389	0.01
-17.479	11.710	0.06
-30.601	23.076	0.13
-30.601	22.310	0.12
-30.601	21.505	0.11
-30.601	19.130	0.09
-30.601	18.326	0.09
-30.601	17.521	0.09
-30.179	23.498	0.10
-30.179	22.693	0.10
-30.179	21.889	0.12
-30.179	21.122	0.10
-30.179	20.318	0.09
-30.179	18.709	0.08
-30.179	17.943	0.08
-30.179	17.138	0.08

-3.193	29.626	0.43
-2.643	29.034	0.44
-2.199	28.432	0.44
-1.566	27.939	0.43
-1.025	27.422	0.42
-0.456	26.873	0.40
-4.315	31.255	0.40
-3.751	30.647	0.43
-3.240	30.131	0.43
-2.655	29.596	0.43
-2.122	28.990	0.43
-1.549	28.500	0.43
-1.042	27.926	0.43
-0.430	27.360	0.42
-4.324	31.847	0.43
-3.747	31.224	0.43
-3.193	30.690	0.40
-2.649	30.202	0.43
-2.086	29.595	0.43
-1.593	29.036	0.43
-1.012	28.471	0.43
-0.440	27.952	0.42
0.117	27.346	0.42
-3.776	31.772	0.43
-3.206	31.253	0.43
-2.686	30.662	0.43
-2.103	30.098	0.41
-0.996	29.003	0.42
-0.453	28.515	0.42
0.127	27.921	0.42
-3.830	32.382	0.43
-3.253	31.759	0.43
-2.652	31.238	0.42
-2.111	30.720	0.43
-1.545	30.142	0.42
-1.006	29.595	0.42
0.117	28.513	0.41

-29.796	23.076	0.09
-29.796	22.310	0.09
-29.796	21.505	0.09
-29.796	20.701	0.10
-29.796	19.935	0.08
-29.796	19.130	0.08
-29.796	18.326	0.07
-29.796	17.521	0.07
-29.413	23.498	0.06
-29.413	22.693	0.08
-29.413	21.889	0.08
-29.413	21.122	0.07
-29.413	20.318	0.07
-29.413	19.513	0.09
-29.413	17.943	0.06
-29.413	17.138	0.06
-29.030	23.076	0.06
-29.030	22.310	0.07
-29.030	21.505	0.06
-29.030	20.701	0.06
-29.030	19.935	0.08
-29.030	19.130	0.06
-29.030	18.326	0.06
-29.030	17.521	0.05
-28.609	23.536	0.00
-28.609	22.693	0.05
-28.609	21.889	0.05
-28.609	21.122	0.05
-28.609	20.279	0.05
-28.609	19.513	0.05
-28.609	18.709	0.07
-28.609	17.943	0.05
-28.609	17.138	0.04
-28.226	23.076	0.02
-28.226	22.310	0.04
-28.226	21.505	0.04
-28.189	20.849	0.04

0.659	27.888	0.41
-3.205	32.318	0.42
-2.694	31.802	0.42
-2.082	31.236	0.42
-1.576	30.661	0.42
-0.991	30.127	0.42
-0.407	29.592	0.41
0.072	29.048	0.41
0.670	28.498	0.41
-3.269	32.953	0.41
-2.634	32.346	0.41
-2.098	31.769	0.41
-1.556	31.252	0.41
-0.960	30.672	0.41
-0.406	30.139	0.41
0.119	29.607	0.41
0.641	29.046	0.41
1.228	28.456	0.40
-2.700	32.926	0.40
-2.153	32.349	0.41
-1.569	31.815	0.41
-0.973	31.235	0.41
-0.451	30.674	0.41
0.115	30.096	0.41
0.659	29.567	0.40
1.228	28.998	0.41
-2.727	33.495	0.39
-2.158	32.926	0.39
-1.589	32.357	0.40
-1.048	31.816	0.39
-0.479	31.247	0.40
0.090	30.678	0.40
0.659	30.109	0.40
1.201	29.567	0.39
1.770	28.998	0.39
-2.158	33.468	0.39
-1.048	32.357	0.39

-28.199	20.020	0.04
-28.203	19.273	0.04
-28.226	18.326	0.04
-28.226	17.521	0.06
-27.842	23.498	-0.10
-27.842	22.693	0.02
-27.901	22.011	0.02
-27.821	21.258	0.03
-27.828	20.469	0.04
-27.836	19.681	0.04
-27.865	18.874	0.04
-27.842	17.943	0.04
-27.842	17.176	0.03
-27.459	23.076	-0.03
-27.447	22.434	0.01
-27.433	21.644	0.02
-27.443	20.814	0.03
-27.450	20.026	0.03
-27.434	19.277	0.03
-27.396	18.527	0.03
-27.459	17.521	0.03
-27.018	22.796	-0.04
-27.069	21.990	0.01
-27.017	20.450	0.02
-27.025	19.662	0.02
-27.028	18.936	0.02
-27.038	18.106	0.02
-26.658	22.416	-0.01
-26.625	21.583	-0.01
-26.675	20.798	0.01
-26.638	20.027	0.01
-26.708	19.264	0.02
-26.629	18.490	0.02
-26.614	17.721	-0.03
-26.272	23.498	-0.21
-26.294	22.762	-0.11
-26.280	21.972	0.02

-0.479	31.734	0.39
0.090	31.220	0.39
0.632	30.678	0.39
1.201	30.109	0.39
1.770	29.540	0.39
-2.158	34.064	0.39
-1.589	33.495	0.38
-1.020	32.926	0.38
-0.479	32.385	0.41
0.090	31.816	0.40
0.659	31.247	0.38
1.228	30.678	0.38
1.770	30.136	0.38
2.339	29.567	0.38
-1.589	34.037	0.38
-1.048	33.495	0.38
-0.479	32.926	0.37
0.117	32.330	0.37
0.605	31.843	0.37
1.201	31.247	0.37
1.770	30.678	0.37
2.366	30.082	0.37
-1.616	34.606	0.39
-1.048	34.037	0.38
-0.479	33.468	0.37
0.063	32.926	0.38
0.632	32.357	0.36
1.201	31.789	0.34
1.770	31.220	0.36
2.285	30.705	0.36
2.881	30.109	0.36
-1.048	34.579	0.39
-0.506	34.037	0.38
0.063	33.468	0.37
0.659	32.872	0.37
1.743	31.789	0.35
2.312	31.220	0.35

-26.245	21.181	0.00
-26.271	20.436	0.01
-26.255	19.666	0.01
-26.267	18.816	0.01
-26.162	18.102	0.01
-26.191	17.316	0.01
-25.866	23.104	-0.24
-25.893	22.338	-0.07
-25.877	21.589	-0.03
-25.864	20.779	-0.01
-25.848	20.030	0.01
-25.793	19.216	0.00
-25.817	18.492	0.01
-25.823	17.724	0.01
-16.805	23.461	0.35
-16.838	22.613	0.34
-16.784	21.114	0.14
-16.815	20.286	-0.16
-16.862	19.542	-0.08
-16.850	18.732	-0.04
-16.813	17.961	-0.04
-16.847	17.138	-0.03
-16.470	23.021	0.34
-16.434	22.250	0.33
-16.484	21.465	0.28
-16.471	20.655	-0.02
-16.463	19.097	-0.04
-16.424	18.368	-0.04
-16.434	17.538	-0.03
-16.077	23.490	0.34
-16.110	22.641	0.33
-16.054	21.848	0.31
-16.037	21.100	0.25
-16.045	20.291	-0.01
-16.051	19.523	-0.02
-16.022	17.964	-0.03
-16.081	17.138	-0.02

2.881	30.651	0.35
-1.075	35.148	0.40
-0.479	34.606	0.40
0.063	34.010	0.39
0.605	33.468	0.38
1.174	32.899	0.37
1.743	32.330	0.36
2.312	31.761	0.35
3.422	30.651	0.34
-4.214	35.973	0.40
-5.018	35.973	0.39
-5.823	35.973	0.40
-6.589	35.973	0.40
-7.394	35.973	0.40
-8.198	35.973	0.41
-9.003	35.973	0.41
-3.026	35.552	0.40
-3.831	35.552	0.39
-5.402	35.552	0.40
-6.206	35.552	0.40
-7.011	35.552	0.42
-7.815	35.552	0.41
-8.581	35.552	0.42
-9.386	35.552	0.42
-3.448	35.169	0.39
-4.214	35.169	0.39
-5.018	35.169	0.39
-6.589	35.169	0.41
-7.394	35.169	0.42
-8.198	35.169	0.42
-9.003	35.169	0.43
-3.026	34.786	0.39
-3.831	34.786	0.39
-4.635	34.786	0.40
-5.402	34.786	0.40
-6.206	34.786	0.41
-7.815	34.786	0.42

-15.681	23.003	0.33
-15.684	22.277	0.32
-15.652	21.444	0.29
-15.700	20.680	0.20
-15.665	19.888	-0.01
-15.630	19.097	-0.03
-15.676	18.374	-0.02
-15.642	17.562	-0.02
-15.276	23.498	0.33
-15.257	22.619	0.32
-15.286	21.832	0.30
-15.269	21.083	0.26
-15.257	20.252	0.15
-15.243	19.483	-0.03
-15.247	18.736	0.00
-15.274	17.970	-0.01
-15.276	17.138	-0.01
-14.893	23.076	0.31
-14.915	22.282	0.31
-14.880	21.490	0.28
-14.868	20.659	0.23
-14.904	19.084	-0.01
-14.893	18.326	0.00
-14.510	23.498	0.31
-14.510	22.693	0.30
-14.510	21.889	0.29
-14.510	21.122	0.26
-14.510	20.318	0.21
-14.510	19.513	0.09
-14.510	18.709	0.02
-14.510	17.943	0.02
-14.510	17.138	0.02
-14.127	21.505	0.27
-14.165	20.663	0.24
-14.127	19.896	0.19
-14.127	19.130	0.08
-14.127	18.326	0.04

-8.581	34.786	0.43
-9.386	34.786	0.43
-3.448	34.403	0.39
-4.214	34.403	0.39
-5.018	34.403	0.41
-5.823	34.403	0.41
-7.394	34.403	0.43
-8.198	34.403	0.43
-9.003	34.403	0.43
-2.988	33.981	0.39
-3.831	33.981	0.40
-4.635	33.981	0.41
-5.402	33.981	0.42
-6.244	33.981	0.43
-7.011	33.981	0.43
-8.581	33.981	0.43
-9.386	33.981	0.43
-3.448	33.598	0.40
-4.214	33.598	0.41
-5.018	33.598	0.42
-5.674	33.561	0.43
-6.504	33.571	0.43
-7.251	33.576	0.43
-8.198	33.598	0.43
-3.026	33.215	0.40
-3.831	33.215	0.41
-4.513	33.274	0.42
-5.266	33.193	0.43
-6.054	33.201	0.44
-6.843	33.208	0.44
-7.650	33.238	0.43
-8.581	33.215	0.43
-9.348	33.215	0.43
-4.090	32.819	0.43
-4.880	32.806	0.43
-5.710	32.816	0.44
-6.498	32.823	0.44

-14.127	17.521	0.03
-13.706	23.498	0.30
-13.706	22.693	0.29
-13.706	20.318	0.23
-13.706	19.513	0.17
-13.706	18.709	0.08
-13.706	17.943	0.06
-13.706	17.138	0.05
-13.323	23.076	0.29
-13.323	21.505	0.26
-13.323	20.663	0.24
-13.323	19.973	0.21
-13.323	19.130	0.15
-13.323	18.326	0.09
-13.323	17.483	0.08
-12.940	23.498	0.28
-12.940	22.693	0.27
-12.940	21.889	0.26
-12.940	20.318	0.22
-12.940	19.513	0.18
-12.940	18.709	0.14
-12.940	17.981	0.11
-12.940	17.138	0.09
-12.556	23.076	0.27
-12.556	22.310	0.28
-12.556	21.505	0.25
-12.556	20.663	0.23
-12.556	19.130	0.19
-12.556	18.326	0.16
-12.556	17.521	0.13
-12.173	23.498	0.27
-12.135	22.693	0.26
-12.173	21.889	0.25
-12.173	21.122	0.24
-12.173	19.513	0.21
-12.173	17.138	0.14
-19.130	30.050	0.40

-7.247	32.806	0.44
-7.997	32.769	0.44
-9.003	32.832	0.43
-3.026	32.449	0.42
-3.728	32.391	0.43
-5.322	32.449	0.44
-6.074	32.390	0.44
-6.862	32.397	0.44
-7.588	32.401	0.44
-8.418	32.411	0.44
-9.386	32.449	0.43
-3.359	32.047	0.42
-4.941	31.998	0.44
-5.726	32.047	0.44
-6.497	32.011	0.44
-7.260	32.081	0.44
-8.034	32.002	0.44
-8.803	31.987	0.44
-3.026	31.644	0.43
-3.762	31.666	0.43
-4.551	31.652	0.42
-6.088	31.643	0.44
-6.858	31.628	0.44
-7.708	31.639	0.44
-8.421	31.535	0.41
-9.208	31.564	0.37
-3.420	31.239	0.43
-4.186	31.266	0.44
-4.935	31.249	0.44
-5.745	31.237	0.44
-7.308	31.165	0.43
-8.032	31.190	0.40
-8.800	31.196	0.35
-3.034	30.851	0.43
-3.787	30.770	0.43
-4.552	30.819	0.44
-5.338	30.848	0.44

-19.896	30.050	0.40
-20.701	30.050	0.41
-21.506	30.050	0.42
-22.272	30.050	0.42
-23.076	30.050	0.43
-23.881	30.050	0.44
-24.685	30.050	0.44
-18.709	29.629	0.39
-19.513	29.629	0.40
-20.318	29.629	0.42
-21.084	29.629	0.42
-21.889	29.629	0.42
-23.498	29.629	0.44
-24.264	29.629	0.44
-25.068	29.629	0.45
-19.130	29.246	0.40
-19.896	29.246	0.40
-20.701	29.246	0.41
-21.506	29.246	0.43
-22.272	29.246	0.43
-23.076	29.246	0.43
-23.881	29.246	0.44
-24.685	29.246	0.45
-18.709	28.863	0.39
-19.513	28.863	0.40
-20.318	28.863	0.41
-21.084	28.863	0.42
-21.889	28.863	0.42
-22.693	28.863	0.44
-23.498	28.863	0.44
-24.264	28.863	0.44
-25.068	28.863	0.45
-19.130	28.480	0.40
-19.896	28.480	0.40
-20.701	28.480	0.41
-21.506	28.480	0.42
-22.272	28.480	0.44

-6.106	30.854	0.44
-6.898	30.819	0.42
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-9.204	30.794	0.29
-3.396	30.447	0.44
-4.180	30.518	0.44
-4.970	30.504	0.44
-5.741	30.467	0.44
-6.510	30.452	0.42
-7.281	30.416	0.37
-8.071	30.402	0.30
-2.988	30.079	0.43
-3.821	30.046	0.44
-4.590	30.031	0.44
-5.336	30.057	0.44
-6.145	30.066	0.41
-6.917	30.008	0.34
-7.685	30.014	0.26
-9.221	30.005	0.24
-3.452	29.702	0.44
-4.242	29.688	0.44
-4.970	29.671	0.43
-5.744	29.592	0.40
-6.569	29.665	0.33
-7.300	29.605	0.23
-8.088	29.612	0.20
-8.831	29.681	0.22
-3.836	29.299	0.44
-4.624	29.307	0.43
-5.374	29.269	0.39
-7.776	22.990	0.07
-8.525	22.974	0.11
-9.314	22.960	0.15
-7.391	22.581	0.09
-8.156	22.630	0.11
-8.989	22.597	0.15
-7.792	22.223	0.12

-23.076	28.480	0.44
-23.881	28.480	0.44
-24.685	28.480	0.45
-18.671	28.058	0.39
-19.513	28.058	0.40
-20.318	28.058	0.41
-21.084	28.058	0.42
-21.927	28.058	0.43
-22.693	28.058	0.44
-23.498	28.058	0.45
-24.264	28.058	0.45
-25.068	28.058	0.45
-19.130	27.675	0.40
-19.896	27.675	0.41
-20.701	27.675	0.42
-21.357	27.638	0.42
-22.187	27.648	0.43
-22.934	27.653	0.44
-23.881	27.675	0.45
-24.685	27.675	0.46
-18.709	27.292	0.39
-19.513	27.292	0.40
-20.195	27.351	0.41
-20.949	27.270	0.42
-21.737	27.278	0.43
-22.525	27.285	0.43
-23.333	27.315	0.44
-24.264	27.292	0.45
-25.030	27.292	0.45
-19.130	26.909	0.41
-19.773	26.896	0.41
-20.563	26.883	0.42
-21.392	26.893	0.42
-22.181	26.900	0.43
-22.929	26.883	0.44
-23.679	26.846	0.45
-24.685	26.909	0.44

-8.563	22.186	0.15
-9.386	22.220	0.17
-7.427	21.836	0.13
-8.156	21.797	0.15
-8.986	21.807	0.16
-8.560	21.395	0.16
-9.386	21.454	0.17
-8.554	20.647	0.16
-9.386	20.649	0.17
-8.581	19.883	0.16
-9.386	19.883	0.17
-9.003	19.500	0.16
-8.581	19.078	0.15
-9.386	19.078	0.16
-7.394	18.695	0.11
-8.198	18.695	0.13
-9.041	18.695	0.14
-7.815	18.312	0.12
-8.543	18.312	0.13
-9.386	18.312	0.14
-7.394	17.929	0.11
-8.198	17.929	0.12
-9.003	17.929	0.13
-9.386	17.546	0.13
-52.544	15.355	0.05
-51.975	14.786	0.05
-51.406	14.217	0.04
-50.865	13.675	0.04
-50.296	13.106	0.03
-49.727	12.537	0.02
-49.158	11.968	0.02
-53.086	16.492	0.07
-52.517	15.924	0.06
-51.948	15.355	0.06
-51.406	14.813	0.04
-49.700	13.106	0.02
-49.158	12.564	0.02

-18.709	26.526	0.39
-19.411	26.468	0.40
-20.216	26.519	0.42
-21.005	26.526	0.42
-21.756	26.467	0.43
-22.545	26.474	0.43
-23.271	26.478	0.44
-19.042	26.124	0.38
-19.790	26.107	0.41
-20.623	26.075	0.42
-21.408	26.124	0.43
-22.179	26.088	0.43
-22.942	26.158	0.43
-18.709	25.721	0.39
-19.444	25.743	0.40
-21.025	25.694	0.42
-21.771	25.720	0.42
-22.540	25.705	0.42
-19.103	25.316	0.40
-19.869	25.343	0.40
-20.617	25.326	0.41
-21.428	25.314	0.42
-22.176	25.297	0.42
-18.716	24.928	0.39
-19.470	24.847	0.40
-20.234	24.896	0.40
-21.021	24.925	0.41
-21.789	24.931	0.40
-19.079	24.524	0.39
-19.862	24.595	0.40
-20.652	24.581	0.41
-19.503	24.123	0.39
-20.273	24.108	0.39
-21.018	24.134	0.38
-19.135	23.779	0.38
-19.925	23.765	0.38
-20.653	23.748	0.34

-48.589	11.996	0.02
-52.517	16.465	0.06
-51.975	15.924	0.05
-51.406	15.355	0.04
-50.837	14.786	0.05
-50.296	14.244	0.04
-49.727	13.675	0.03
-49.158	13.106	0.02
-48.589	12.537	0.02
-52.544	17.034	0.07
-51.975	16.465	0.06
-51.406	15.897	0.05
-50.865	15.355	0.04
-49.727	14.217	0.04
-48.616	13.106	0.02
-48.047	12.537	0.02
-51.975	17.007	0.06
-51.433	16.465	0.05
-50.865	15.897	0.04
-49.754	14.786	0.04
-49.185	14.217	0.02
-48.616	13.648	0.02
-48.047	13.079	0.02
-52.002	17.630	0.07
-51.406	17.034	0.05
-50.837	16.465	0.05
-50.296	15.924	0.04
-49.700	15.328	0.03
-49.158	14.786	0.02
-48.589	14.217	0.03
-48.047	13.675	0.02
-47.478	13.106	0.01
-51.406	17.576	0.06
-50.865	17.034	0.05
-50.296	16.465	0.04
-49.806	16.028	0.03
-49.226	15.434	0.03

-18.687	23.388	0.38
-19.518	23.376	0.36
-20.306	23.384	0.29
-19.159	19.038	-0.05
-19.945	19.066	-0.04
-20.718	19.008	-0.04
-21.546	19.040	-0.03
-22.274	19.022	-0.03
-23.021	19.027	-0.02
-23.852	19.015	-0.01
-24.616	19.064	0.00
-18.777	18.586	-0.04
-19.567	18.572	-0.05
-20.329	18.663	-0.04
-21.118	18.649	-0.04
-21.886	18.655	-0.03
-22.635	18.639	-0.02
-23.445	18.626	-0.01
-24.194	18.610	0.00
-25.003	18.618	0.00
-19.154	18.268	-0.04
-19.930	18.168	-0.04
-20.736	18.219	-0.03
-21.543	18.249	-0.03
-22.288	18.275	-0.02
-23.058	18.260	-0.02
-23.784	18.263	0.00
-24.555	18.227	0.00
-18.771	17.838	-0.04
-19.561	17.824	-0.04
-20.264	17.869	-0.04
-21.119	17.816	-0.03
-21.907	17.823	-0.02
-22.652	17.849	-0.02
-23.441	17.857	-0.02
-24.232	17.822	0.00
-25.020	17.829	0.01

-48.701	14.902	0.02
-48.047	14.217	0.02
-47.478	13.648	0.02
-51.433	18.145	0.06
-50.865	17.576	0.05
-50.424	17.052	0.04
-49.834	16.576	0.04
-49.282	16.014	0.03
-48.730	15.451	0.02
-48.180	14.859	0.02
-47.505	14.217	0.01
-46.964	13.675	0.01
-50.865	18.118	0.06
-50.401	17.672	0.04
-49.833	17.124	0.04
-49.254	16.530	0.03
-48.701	15.967	0.02
-48.160	15.450	0.02
-47.603	14.946	0.02
-46.937	14.190	0.01
-50.892	18.687	0.06
-50.354	18.232	0.05
-49.821	17.626	0.05
-48.695	16.573	0.03
-48.143	16.011	0.02
-47.632	15.495	0.01
-47.052	14.901	0.01
-46.395	14.190	0.05
-49.831	18.218	0.05
-49.219	17.652	0.04
-48.699	17.062	0.03
-48.128	16.542	0.02
-47.638	15.954	0.02
-47.035	15.462	0.01
-46.480	14.929	0.04
-50.323	19.256	0.05
-49.818	18.720	0.05

-19.943	17.442	-0.03
-20.774	17.431	-0.03
-21.523	17.414	-0.03
-22.308	17.464	-0.01
-23.098	17.450	-0.01
-23.846	17.434	0.00
-24.679	17.401	0.01
-18.786	17.091	-0.03
-19.601	17.015	-0.03
-20.362	17.106	-0.03
-21.116	17.025	-0.02
-21.923	17.055	-0.02
-22.662	17.166	-0.01
-23.458	17.067	-0.01
-24.207	17.051	0.00
-24.997	17.037	0.01
-19.170	16.666	0.01
-19.999	16.698	-0.02
-20.725	16.701	-0.02
-21.516	16.666	-0.02
-22.322	16.717	-0.01
-23.074	16.658	0.00
-23.838	16.707	0.00
-24.671	16.674	0.01
-18.745	16.255	-0.02
-19.594	16.287	-0.02
-20.363	16.273	0.02
-21.092	16.233	-0.02
-21.920	16.264	-0.01
-22.664	16.312	-0.02
-23.475	16.300	0.00
-24.245	16.263	0.00
-25.068	16.297	0.02
-19.186	15.920	-0.02
-19.956	15.884	-0.01
-20.741	15.934	-0.01
-21.552	15.921	0.02

-48.665	17.637	0.04
-48.157	17.091	0.02
-47.602	16.558	0.02
-47.009	15.949	0.01
-46.431	15.518	0.01
-45.895	14.941	0.00
-49.757	19.264	0.05
-49.235	18.703	0.03
-48.694	18.185	0.03
-48.112	17.621	0.02
-47.571	17.104	0.02
-46.957	16.567	0.01
-46.462	16.037	0.01
-45.923	15.490	0.00
-49.756	19.811	0.05
-49.167	19.335	0.04
-48.661	18.760	0.03
-48.125	18.184	0.02
-47.586	17.637	0.02
-47.002	17.102	0.01
-46.431	16.583	0.02
-45.913	15.963	0.01
-45.354	15.489	0.00
-49.214	19.841	0.04
-48.710	19.236	0.03
-48.142	18.688	0.03
-47.571	18.169	0.02
-47.016	17.635	0.01
-46.446	17.116	0.01
-45.877	16.567	0.01
-45.352	16.036	0.01
-48.631	19.824	0.03
-48.076	19.291	0.03
-47.567	18.745	0.02
-47.002	18.167	0.01
-46.415	17.662	0.01
-45.876	17.115	0.01

-23.109	15.913	0.00
-23.839	15.874	0.00
-24.668	15.884	0.01
-18.716	15.527	-0.01
-19.565	15.559	-0.01
-20.358	15.503	-0.01
-21.107	15.486	-0.01
-21.916	15.495	-0.01
-22.683	15.501	0.00
-24.243	15.472	0.01
-25.068	15.531	0.02
-19.203	15.130	-0.01
-19.929	15.133	-0.01
-20.762	15.101	-0.01
-21.527	15.150	-0.01
-22.318	15.114	0.00
-23.109	15.080	0.00
-23.833	15.126	0.01
-24.645	15.091	0.02
-18.709	14.726	-0.01
-19.588	14.707	-0.01
-20.374	14.735	-0.01
-21.123	14.718	0.00
-21.954	14.707	0.00
-22.723	14.692	0.00
-23.470	14.697	0.01
-24.236	14.724	0.02
-25.068	14.726	0.02
-19.130	14.343	0.00
-19.925	14.364	0.00
-20.716	14.329	0.00
-21.547	14.318	0.00
-22.313	14.345	0.00
-23.122	14.354	0.01
-23.881	14.343	0.01
-24.685	14.343	0.01
-18.709	13.960	0.00

-45.305	16.595	0.01
-44.783	16.034	0.00
-48.648	20.328	0.03
-48.080	19.779	0.03
-47.553	19.277	0.02
-46.949	18.785	0.01
-46.418	18.150	0.01
-45.859	17.676	0.01
-45.307	17.113	0.00
-44.830	16.540	0.00
-48.688	20.922	0.02
-48.092	20.342	0.02
-47.540	19.779	0.02
-46.983	19.275	0.01
-46.426	18.772	0.01
-45.874	18.209	0.00
-45.287	17.704	0.00
-44.780	17.129	0.00
-44.256	16.597	0.00
-48.075	20.903	0.01
-47.509	20.325	0.02
-46.936	19.835	0.01
-46.427	19.289	0.01
-45.900	18.787	0.01
-45.285	18.251	0.00
-44.779	17.676	0.00
-44.227	17.113	0.00
-48.060	21.434	-0.02
-47.535	20.903	0.00
-46.981	20.370	0.01
-46.410	19.850	0.01
-45.858	19.288	0.00
-45.287	18.768	0.00
-44.767	18.178	0.00
-44.210	17.674	0.00
-43.658	17.112	0.00
-47.477	21.417	-0.03

-19.513	13.960	0.00
-20.318	13.960	0.00
-21.084	13.960	0.00
-21.889	13.960	0.00
-22.693	13.960	0.01
-23.498	13.960	0.01
-24.264	13.960	0.02
-25.068	13.960	0.02
-19.130	13.577	0.02
-20.701	13.577	0.00
-21.544	13.615	0.01
-22.310	13.577	0.01
-23.076	13.577	0.01
-23.881	13.577	0.01
-24.685	13.577	0.02
-18.709	13.155	0.01
-19.513	13.155	0.01
-20.318	13.155	0.01
-21.889	13.155	0.01
-22.693	13.155	0.01
-23.498	13.155	0.01
-24.264	13.155	0.02
-25.068	13.155	0.02
-19.130	12.772	0.01
-19.896	12.772	0.01
-20.701	12.772	0.01
-21.544	12.772	0.01
-22.233	12.772	0.01
-23.076	12.772	0.01
-23.881	12.772	0.02
-24.724	12.772	0.02
-18.709	12.389	0.02
-19.513	12.389	0.01
-20.318	12.389	0.01
-21.084	12.389	0.01
-21.889	12.389	0.01
-22.693	12.389	0.01

-46.920	20.914	-0.01
-46.397	20.353	0.00
-45.856	19.835	0.00
-45.315	19.317	0.00
-44.227	18.178	-0.01
-43.681	17.719	-0.01
-47.498	22.054	-0.11
-46.919	21.461	-0.05
-46.442	20.887	-0.03
-45.885	20.384	-0.01
-45.284	19.863	0.00
-44.748	19.286	-0.01
-44.240	18.741	0.00
-43.655	18.206	-0.01
-43.103	17.643	-0.01
-46.922	21.949	-0.12
-46.352	21.430	-0.06
-45.840	20.914	-0.03
-45.299	20.396	-0.02
-44.717	19.832	-0.01
-44.192	19.300	-0.01
-43.670	18.739	-0.01
-43.099	18.220	-0.01
-46.946	22.557	-0.22
-46.378	22.008	-0.15
-45.839	21.461	-0.09
-45.317	20.900	-0.05
-44.778	20.353	-0.03
-44.224	19.820	-0.01
-43.609	19.283	-0.01
-43.101	18.738	-0.01
-42.546	18.205	-0.01
-46.363	22.540	-0.28
-45.838	22.008	-0.18
-45.256	21.444	-0.11
-44.809	20.872	-0.06
-44.206	20.381	-0.03

-23.498	12.389	0.02
-24.226	12.389	0.02
-19.130	12.006	0.02
-19.896	12.006	0.02
-20.701	12.006	0.01
-21.544	12.006	0.01
-22.310	12.006	0.02
-23.076	12.006	0.02
-23.881	12.006	0.02
-18.709	11.623	0.04
-19.513	11.585	0.02
-20.318	11.623	0.02
-21.084	11.623	0.02
-21.889	11.623	0.02
-22.693	11.623	0.02
-23.498	11.623	0.01
-29.489	15.897	0.06
-28.948	15.355	0.04
-28.379	14.786	0.03
-27.268	13.675	0.03
-26.130	12.537	0.01
-25.561	11.968	0.01
-29.489	16.492	0.05
-28.920	15.924	0.04
-28.352	15.355	0.04
-27.810	14.813	0.03
-26.672	13.675	0.03
-26.103	13.106	0.01
-25.561	12.564	0.01
-24.992	11.996	0.01
-28.920	16.465	0.05
-28.379	15.924	0.03
-27.810	15.355	0.03
-27.241	14.786	0.03
-26.130	13.675	0.01
-25.561	13.106	0.00
-24.992	12.537	0.00

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-43.086	19.269	-0.01
-42.542	18.781	-0.01
-46.375	23.102	-0.39
-45.296	22.038	-0.22
-44.716	21.444	-0.13
-44.191	20.912	-0.08
-43.637	20.379	-0.04
-43.098	19.832	-0.02
-42.560	19.285	-0.01
-42.005	18.752	0.00
-45.778	23.070	-0.40
-45.297	22.555	-0.32
-44.177	21.444	-0.15
-43.622	20.911	-0.08
-43.095	20.409	-0.04
-42.526	19.860	-0.02
-42.004	19.299	-0.01
-45.832	23.679	-0.37
-44.723	22.613	-0.30
-44.143	22.019	-0.24
-43.618	21.487	-0.15
-43.050	20.939	-0.09
-42.527	20.378	-0.05
-42.003	19.846	-0.02
-41.434	19.298	-0.01
-45.279	23.664	-0.19
-44.742	23.087	-0.27
-44.155	22.582	-0.25
-43.592	21.974	-0.21
-43.065	21.472	-0.15
-42.540	20.940	-0.08
-41.944	20.361	-0.04
-41.438	19.786	-0.01
-45.229	24.253	0.13
-44.660	23.704	0.04
-44.187	23.101	-0.10

-28.948	17.034	0.05
-28.379	16.465	0.04
-27.810	15.897	0.04
-27.268	15.355	0.02
-26.699	14.786	0.01
-25.019	13.106	0.00
-24.451	12.537	0.00
-28.379	17.007	0.04
-27.837	16.465	0.03
-27.268	15.897	0.02
-26.699	15.328	0.01
-25.588	14.217	0.00
-25.019	13.648	0.00
-24.451	13.079	0.00
-28.406	17.630	0.04
-27.810	17.034	0.03
-27.241	16.465	0.02
-26.699	15.924	0.02
-26.103	15.328	0.01
-25.561	14.786	0.00
-24.992	14.217	0.01
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-27.810	17.576	0.03
-27.268	17.034	0.02
-26.699	16.465	0.01
-26.209	16.028	0.01
-25.630	15.434	0.00
-25.105	14.902	0.00
-24.451	14.217	0.00
-27.837	18.145	0.03
-27.268	17.576	0.02
-26.827	17.052	0.02
-26.238	16.576	0.01
-25.686	16.014	0.01
-25.133	15.451	0.00
-23.909	14.217	-0.01

-43.618	22.552	-0.14
-43.080	22.005	-0.15
-42.539	21.488	-0.11
-41.957	20.923	-0.07
-41.416	20.406	-0.03
-40.850	19.828	0.00
-44.738	24.211	0.20
-44.118	23.733	0.16
-43.585	23.127	0.07
-43.035	22.535	0.00
-42.526	21.990	-0.05
-41.972	21.457	-0.05
-41.461	20.941	-0.03
-44.704	24.786	0.30
-44.136	24.237	0.26
-43.671	23.709	0.20
-43.029	23.141	0.17
-42.477	22.579	0.12
-41.968	22.033	0.07
-41.416	21.471	0.03
-40.831	20.936	0.02
-40.279	20.373	0.02
-43.596	24.237	0.29
-43.000	23.657	0.26
-42.459	23.140	0.23
-41.939	22.549	0.19
-41.371	22.001	0.16
-40.830	21.483	0.12
-40.218	20.917	0.08
-44.166	25.304	0.35
-43.535	24.781	0.33
-43.061	24.178	0.30
-42.472	23.703	0.29
-41.922	23.111	0.26
-41.478	22.509	0.22
-40.845	22.016	0.19
-40.304	21.499	0.16

-23.367	13.675	-0.01
-27.268	18.118	0.03
-26.237	17.124	0.01
-25.657	16.530	0.00
-25.105	15.967	0.00
-24.564	15.450	-0.01
-24.007	14.946	-0.01
-23.340	14.190	-0.01
-27.295	18.687	0.03
-26.758	18.232	0.02
-26.224	17.626	0.02
-25.099	16.573	0.00
-24.546	16.011	-0.01
-24.035	15.495	-0.01
-23.456	14.901	-0.01
-26.234	18.218	0.02
-25.622	17.652	0.00
-25.102	17.062	0.00
-24.532	16.542	-0.01
-24.042	15.954	-0.01
-23.438	15.462	-0.02
-26.726	19.256	0.02
-26.222	18.720	0.01
-24.560	17.091	-0.01
-24.006	16.558	-0.01
-23.412	15.949	-0.02
-22.834	15.518	-0.02
-22.298	14.941	-0.02
-26.161	19.264	0.01
-25.098	18.185	-0.01
-24.515	17.621	-0.01
-23.974	17.104	-0.02
-23.360	16.567	-0.02
-22.865	16.037	-0.02
-22.327	15.490	-0.03
-26.160	19.811	0.00
-25.064	18.760	-0.01

-39.735	20.950	0.12
-43.030	24.724	0.34
-42.519	24.208	0.32
-41.935	23.673	0.30
-41.401	23.067	0.27
-40.828	22.577	0.25
-40.321	22.003	0.22
-39.710	21.437	0.19
-43.603	25.924	0.37
-43.026	25.301	0.35
-41.928	24.279	0.32
-41.365	23.672	0.30
-40.872	23.113	0.29
-40.291	22.548	0.26
-39.720	22.029	0.24
-39.162	21.423	0.21
-43.055	25.849	0.36
-42.485	25.330	0.35
-41.965	24.739	0.33
-40.276	23.080	0.28
-39.732	22.592	0.26
-39.153	21.998	0.24
-43.109	26.459	0.37
-42.532	25.836	0.36
-41.931	25.315	0.35
-41.390	24.797	0.33
-40.824	24.219	0.32
-39.162	22.590	0.26
-38.620	21.965	0.24
-42.484	26.395	0.37
-41.973	25.879	0.35
-41.362	25.313	0.34
-40.855	24.738	0.32
-39.686	23.669	0.29
-39.208	23.125	0.28
-38.609	22.575	0.26
-42.548	27.030	0.37

-24.528	18.184	-0.02
-23.989	17.637	-0.02
-23.405	17.102	-0.02
-22.834	16.583	-0.02
-21.757	15.489	-0.03
-25.617	19.841	-0.01
-25.114	19.236	-0.01
-24.545	18.688	-0.02
-23.975	18.169	-0.02
-23.420	17.635	-0.03
-22.849	17.116	-0.03
-22.281	16.567	-0.03
-21.756	16.036	-0.03
-25.034	19.824	-0.02
-24.480	19.291	-0.02
-23.971	18.745	-0.02
-23.405	18.167	-0.03
-22.818	17.662	-0.03
-22.279	17.115	-0.03
-18.942	21.488	-0.41
-18.360	20.923	-0.30
-17.819	20.406	-0.19
-17.253	19.828	-0.11
-21.141	24.211	0.36
-20.522	23.733	0.33
-19.988	23.127	0.21
-19.438	22.535	0.03
-18.930	21.990	0.03
-18.375	21.457	-0.34
-17.864	20.941	-0.41
-21.108	24.786	0.40
-20.539	24.237	0.39
-20.074	23.709	0.35
-19.432	23.141	0.31
-18.880	22.579	0.24
-18.371	22.033	0.12
-17.819	21.471	-0.10

-41.913	26.423	0.36
-41.377	25.846	0.35
-40.835	25.329	0.33
-40.239	24.749	0.32
-39.685	24.216	0.30
-38.638	23.123	0.27
-38.051	22.533	0.25
-41.979	27.003	0.36
-41.432	26.426	0.36
-40.848	25.892	0.34
-40.252	25.312	0.33
-39.730	24.751	0.32
-39.164	24.173	0.30
-38.620	23.644	0.28
-42.006	27.572	0.36
-41.437	27.003	0.35
-40.868	26.434	0.35
-40.327	25.893	0.34
-39.758	25.324	0.32
-39.189	24.755	0.31
-38.620	24.186	0.29
-38.078	23.644	0.27
-37.509	23.075	0.25
-40.327	26.434	0.34
-39.758	25.811	0.33
-39.189	25.297	0.31
-38.647	24.755	0.30
-38.078	24.186	0.28
-37.509	23.617	0.26
-41.437	28.141	0.35
-40.868	27.572	0.34
-39.189	25.893	0.32
-38.620	25.324	0.31
-38.051	24.755	0.29
-37.509	24.213	0.27
-36.940	23.644	0.25
-40.868	28.114	0.34

-17.235	20.936	-0.21
-16.682	20.373	-0.17
-19.999	24.237	0.39
-19.404	23.657	0.37
-18.863	23.140	0.35
-18.343	22.549	0.31
-17.774	22.001	0.25
-17.233	21.483	0.15
-16.622	20.917	-0.16
-19.939	24.781	0.40
-19.465	24.178	0.39
-18.875	23.703	0.37
-18.325	23.111	0.35
-17.881	22.509	0.33
-17.248	22.016	0.29
-16.708	21.499	0.23
-16.139	20.950	0.14
-19.434	24.724	0.39
-18.922	24.208	0.38
-18.338	23.673	0.37
-17.804	23.067	0.35
-17.231	22.577	0.33
-16.725	22.003	0.30
-16.113	21.437	0.26
-20.007	25.924	0.40
-19.430	25.301	0.39
-18.332	24.279	0.38
-17.768	23.672	0.36
-17.276	23.113	0.36
-16.123	22.029	0.30
-15.565	21.423	0.27
-19.458	25.849	0.40
-18.888	25.330	0.40
-18.368	24.739	0.38
-17.786	24.175	0.37
-17.247	23.629	0.40
-19.512	26.459	0.40

-39.758	27.003	0.33
-39.162	26.407	0.32
-38.674	25.920	0.31
-38.078	25.324	0.30
-37.509	24.755	0.28
-36.913	24.159	0.26
-40.896	28.683	0.32
-40.327	28.114	0.33
-39.758	27.545	0.32
-38.647	26.434	0.31
-38.078	25.866	0.29
-37.509	25.297	0.29
-36.995	24.782	0.27
-36.399	24.186	0.25
-40.327	28.656	0.30
-39.785	28.114	0.31
-39.216	27.545	0.31
-38.620	26.949	0.31
-37.536	25.866	0.29
-36.967	25.297	0.28
-36.399	24.728	0.26
-40.354	29.225	0.28
-39.758	28.683	0.28
-39.216	28.087	0.29
-38.674	27.545	0.30
-38.105	26.976	0.30
-37.536	26.407	0.29
-35.857	24.728	0.24
-54.197	23.076	0.05
-54.197	22.310	0.10
-54.197	21.505	0.12
-54.197	20.701	0.12
-54.197	19.935	0.12
-54.197	19.130	0.12
-54.197	18.326	0.11
-53.776	23.498	0.01
-53.776	22.693	0.06

-18.935	25.836	0.39
-18.335	25.315	0.40
-17.793	24.797	0.39
-15.566	22.590	0.31
-15.023	21.965	0.29
-18.888	26.395	0.39
-18.376	25.879	0.38
-17.765	25.313	0.38
-17.259	24.738	0.36
-15.611	23.125	0.32
-15.012	22.575	0.30
-18.951	27.030	0.40
-18.316	26.423	0.39
-17.780	25.846	0.38
-17.239	25.329	0.37
-15.564	23.684	0.33
-15.041	23.123	0.31
-14.454	22.533	0.29
-18.382	27.003	0.39
-17.836	26.426	0.38
-17.251	25.892	0.37
-16.656	25.312	0.36
-15.567	24.173	0.33
-15.023	23.644	0.32
-14.454	23.075	0.33
-18.410	27.572	0.39
-17.841	27.003	0.38
-17.272	26.434	0.37
-16.730	25.893	0.36
-15.592	24.755	0.34
-15.023	24.186	0.33
-14.482	23.644	0.32
-13.913	23.075	0.29
-16.161	25.811	0.35
-15.592	25.297	0.34
-14.482	24.186	0.32
-13.913	23.617	0.32

-53.776	21.889	0.11
-53.776	21.122	0.12
-53.776	20.318	0.12
-53.776	19.513	0.13
-53.776	18.709	0.11
-53.776	17.943	0.10
-53.776	17.138	0.09
-53.393	23.076	0.01
-53.393	22.310	0.07
-53.393	21.505	0.11
-53.393	20.701	0.11
-53.393	19.935	0.11
-53.393	19.130	0.10
-53.393	18.326	0.10
-53.393	17.521	0.09
-53.010	23.498	-0.02
-53.010	22.693	0.02
-53.010	21.889	0.09
-53.010	21.122	0.10
-53.010	20.318	0.10
-53.010	18.709	0.09
-53.010	17.943	0.09
-53.010	17.138	0.08
-52.627	23.076	-0.03
-52.627	22.310	0.05
-52.627	21.505	0.09
-52.627	20.701	0.10
-52.627	19.935	0.10
-52.627	19.130	0.09
-52.627	18.326	0.08
-52.627	17.521	0.08
-52.205	23.536	-0.07
-52.205	22.693	0.00
-52.205	21.889	0.07
-52.205	21.122	0.09
-52.205	20.279	0.09
-52.205	19.513	0.09

-17.272	27.572	0.37
-13.344	23.644	0.29
-17.272	28.114	0.37
-16.161	27.003	0.36
-15.078	25.920	0.34
-14.482	25.324	0.32
-13.913	24.755	0.31
-13.317	24.159	0.29
-17.299	28.683	0.37
-16.730	28.114	0.36
-16.161	27.545	0.36
-15.619	27.003	0.33
-15.050	26.434	0.34
-14.482	25.866	0.31
-13.913	25.297	0.31
-13.398	24.782	0.30
-12.802	24.186	0.28
-16.188	28.114	0.35
-15.023	26.949	0.34
-14.482	26.407	0.34
-13.940	25.866	0.32
-12.802	24.728	0.29
-16.757	29.225	0.34
-16.161	28.683	0.34
-15.619	28.087	0.34
-15.078	27.545	0.32
-14.509	26.976	0.33
-13.940	26.407	0.32
-13.371	25.838	0.34
-38.515	27.428	0.32
-38.515	26.624	0.33
-38.515	25.858	0.33
-38.515	25.053	0.32
-38.515	24.249	0.32
-38.515	23.444	0.31
-38.093	29.421	0.28
-38.093	28.616	0.26

-52.205	18.709	0.09
-52.205	17.943	0.08
-52.205	17.138	0.07
-51.822	23.076	-0.06
-51.822	22.310	0.03
-51.822	21.505	0.07
-51.785	20.849	0.08
-51.795	20.020	0.08
-51.800	19.273	0.08
-51.822	18.326	0.07
-51.822	17.521	0.07
-51.439	23.498	-0.13
-51.439	22.693	-0.03
-51.498	22.011	0.04
-51.417	21.258	0.07
-51.425	20.469	0.08
-51.432	19.681	0.07
-51.462	18.874	0.07
-51.439	17.943	0.07
-51.439	17.176	0.06
-51.056	23.076	-0.09
-51.044	22.434	0.00
-51.030	21.644	0.05
-51.040	20.814	0.07
-51.047	20.026	0.07
-51.030	19.277	0.06
-50.993	18.527	0.06
-51.056	17.521	0.06
-50.673	23.498	-0.20
-50.615	22.796	-0.06
-50.666	21.990	0.03
-50.614	20.450	0.07
-50.621	19.662	0.06
-50.625	18.936	0.06
-50.635	18.106	0.06
-50.254	22.416	-0.02
-50.222	21.583	0.03

-38.093	27.812	0.30
-38.093	27.045	0.32
-38.093	26.241	0.32
-38.093	24.632	0.31
-38.093	23.866	0.31
-38.093	23.061	0.30
-37.710	28.999	0.26
-37.710	28.233	0.26
-37.710	27.428	0.30
-37.710	26.624	0.32
-37.710	25.858	0.31
-37.710	25.053	0.31
-37.710	24.249	0.30
-37.710	23.444	0.30
-37.327	29.421	0.28
-37.327	28.616	0.24
-37.327	27.812	0.26
-37.327	27.045	0.30
-37.327	26.241	0.30
-37.327	25.436	0.31
-37.327	24.632	0.30
-37.327	23.866	0.29
-37.327	23.061	0.28
-36.944	28.999	0.26
-36.944	28.233	0.23
-36.944	27.428	0.26
-36.944	26.624	0.29
-36.944	25.858	0.30
-36.944	25.053	0.29
-36.944	24.249	0.29
-36.944	23.444	0.28
-36.523	29.459	0.29
-36.523	28.616	0.24
-36.523	27.812	0.22
-36.523	27.045	0.26
-36.523	26.202	0.28
-36.523	25.436	0.28

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-50.305	19.264	0.06
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-49.890	22.762	-0.07
-49.841	21.181	0.04
-49.867	20.436	0.05
-49.852	19.666	0.05
-49.863	18.816	0.05
-49.759	18.102	0.04
-49.788	17.316	0.04
-49.463	23.104	-0.17
-49.490	22.338	-0.04
-49.473	21.589	0.02
-49.461	20.779	0.04
-49.444	20.030	0.05
-49.389	19.216	0.05
-49.414	18.492	0.04
-49.420	17.724	0.04
-49.075	23.490	-0.37
-48.994	22.737	-0.11
-49.043	21.972	-0.03
-49.072	21.185	0.02
-49.078	20.418	0.04
-49.043	19.626	0.04
-49.006	18.855	0.05
-49.018	17.320	0.03
-48.671	23.127	-0.26
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-48.728	21.554	0.00
-48.691	20.783	0.03
-48.676	20.014	0.04
-48.640	19.243	0.04
-48.626	18.453	0.04
-48.630	17.706	0.04
-48.270	22.703	-0.15

-36.523	24.632	0.29
-36.523	23.866	0.28
-36.523	23.061	0.27
-36.140	28.999	0.26
-36.140	28.233	0.21
-36.140	27.428	0.21
-36.103	26.772	0.25
-36.113	25.943	0.27
-36.117	25.196	0.27
-36.140	24.249	0.27
-36.140	23.444	0.27
-35.756	29.421	0.29
-35.756	28.616	0.24
-35.815	27.934	0.19
-35.735	27.181	0.20
-35.742	26.392	0.25
-35.750	25.604	0.27
-35.780	24.797	0.27
-35.756	23.866	0.26
-35.756	23.099	0.25
-35.373	28.999	0.27
-35.361	28.357	0.21
-35.347	27.567	0.18
-35.357	26.737	0.20
-35.364	25.949	0.25
-35.348	25.200	0.26
-35.310	24.450	0.25
-35.373	23.444	0.25
-34.990	29.421	0.28
-34.932	28.719	0.25
-34.983	27.913	0.20
-34.932	26.373	0.21
-34.939	25.585	0.24
-34.942	24.859	0.25
-34.952	24.029	0.24
-34.572	28.339	0.23
-34.539	27.506	0.17

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-48.281	21.188	0.01
-48.290	20.379	0.03
-48.232	19.607	0.03
-48.238	18.839	0.03
-48.202	18.069	0.03
-48.229	17.302	0.03
-47.926	23.072	-0.31
-47.912	22.282	-0.11
-47.895	21.554	-0.03
-47.816	20.780	0.01
-47.889	19.955	0.02
-47.829	19.224	0.03
-47.836	18.436	0.03
-47.905	17.693	0.02
-47.535	23.520	-0.45
-47.523	22.688	-0.22
-47.531	21.900	-0.07
-47.493	21.150	-0.01
-47.455	20.400	0.01
-47.462	19.611	0.02
-47.405	18.839	0.02
-47.453	18.075	0.02
-47.458	17.328	0.02
-47.114	23.073	-0.38
-47.123	22.264	-0.15
-47.064	21.512	-0.05
-47.090	20.767	0.00
-47.072	20.039	0.01
-47.017	19.225	0.02
-47.066	18.461	0.02
-47.073	17.672	0.02
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-46.717	21.922	-0.11
-46.681	21.151	-0.03
-46.652	19.592	0.01

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-34.552	25.950	0.21
-34.622	25.187	0.24
-34.543	24.413	0.24
-34.186	29.421	0.27
-34.208	28.685	0.25
-34.194	27.895	0.23
-34.159	27.104	0.15
-34.185	26.359	0.15
-34.169	25.589	0.21
-34.181	24.739	0.23
-34.077	24.025	0.22
-34.105	23.239	0.22
-33.780	29.027	0.25
-33.807	28.261	0.22
-33.791	27.512	0.17
-33.778	26.702	0.12
-33.762	25.953	0.15
-33.707	25.139	0.21
-33.731	24.415	0.22
-33.737	23.647	0.21
-33.392	29.413	0.24
-33.312	28.660	0.23
-33.361	27.895	0.19
-33.389	27.108	0.14
-33.395	26.341	0.10
-33.360	25.549	0.16
-33.324	24.778	0.21
-33.396	23.974	0.21
-33.336	23.243	0.20
-32.988	29.050	0.22
-33.059	28.267	0.21
-33.045	27.477	0.17
-33.009	26.706	0.11
-32.994	25.937	0.09
-32.957	25.166	0.17
-32.943	24.376	0.19

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-46.664	18.057	0.02
-46.671	17.269	0.02
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-46.290	22.264	-0.22
-46.317	21.498	-0.07
-46.301	20.749	-0.01
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-46.258	17.715	0.01
-45.892	23.479	-0.39
-45.902	22.650	-0.33
-45.970	21.908	-0.16
-45.933	21.157	-0.05
-45.876	20.364	-0.01
-45.905	19.578	0.00
-45.931	18.832	0.01
-45.896	18.041	0.01
-45.903	17.252	0.01
-45.559	22.998	-0.40
-45.523	22.227	-0.26
-45.526	21.501	-0.10
-45.510	20.752	-0.04
-45.497	19.941	0.00
-45.502	19.194	0.00
-45.529	18.428	0.01
-45.493	17.658	0.01
-45.146	23.444	-0.24
-45.132	22.654	-0.34
-45.139	21.887	-0.21
-45.166	21.121	-0.08
-45.172	20.353	-0.02
-45.157	19.584	0.00
-45.102	18.770	0.00
-45.128	18.025	0.00
-45.112	17.255	0.00
-44.746	23.020	-0.25
-44.751	22.273	-0.28

-32.948	23.629	0.20
-32.588	28.626	0.20
-32.572	27.857	0.18
-32.598	27.111	0.14
-32.607	26.302	0.08
-32.549	25.530	0.09
-32.555	24.762	0.17
-32.519	23.992	0.19
-32.546	23.225	0.18
-32.244	28.995	0.19
-32.230	28.205	0.18
-32.212	27.477	0.15
-32.133	26.703	0.10
-32.207	25.878	0.05
-32.146	25.147	0.09
-32.154	24.359	0.16
-32.222	23.616	0.17
-31.852	29.443	0.17
-31.841	28.611	0.16
-31.848	27.823	0.16
-31.810	27.073	0.13
-31.773	26.323	0.07
-31.780	25.534	0.03
-31.722	24.762	0.10
-31.771	23.998	0.16
-31.776	23.251	0.16
-31.432	28.996	0.14
-31.440	28.187	0.14
-31.381	27.435	0.13
-31.407	26.690	0.10
-31.390	25.962	0.05
-31.334	25.148	0.02
-31.383	24.384	0.12
-31.390	23.595	0.15
-31.045	29.361	0.09
-31.050	28.614	0.11
-31.035	27.845	0.12

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-44.827	20.742	-0.05
-44.748	19.968	-0.01
-44.731	19.220	-0.01
-44.741	18.390	0.00
-44.702	17.660	0.00
-44.357	23.426	0.04
-44.362	22.679	-0.25
-44.347	21.910	-0.22
-44.356	21.081	-0.10
-44.361	20.334	-0.03
-44.346	19.564	-0.01
-44.352	18.797	0.00
-44.358	18.029	0.00
-44.343	17.260	0.00
-43.958	22.981	-0.04
-43.981	22.277	-0.24
-43.975	20.699	-0.06
-43.960	19.930	-0.02
-43.942	19.202	-0.01
-43.928	18.412	0.00
-43.955	17.646	0.00
-43.565	23.450	0.19
-43.535	21.911	-0.20
-43.545	21.082	-0.12
-43.549	20.335	-0.04
-43.535	19.545	-0.01
-43.563	18.779	-0.01
-43.567	18.032	0.00
-43.554	17.242	0.00
-43.185	23.048	0.16
-43.213	22.261	-0.10
-43.155	21.489	-0.16
-43.187	20.661	-0.07
-43.169	19.933	-0.02
-43.174	19.186	-0.01
-43.162	18.354	-0.01

-30.998	27.074	0.11
-31.006	26.286	0.08
-30.969	25.515	0.01
-31.019	24.730	0.02
-30.981	23.980	0.12
-30.989	23.192	0.14
-30.645	28.937	0.06
-30.607	28.187	0.08
-30.635	27.421	0.09
-30.618	26.672	0.09
-30.601	25.923	0.05
-30.637	24.348	0.04
-30.576	23.638	0.11
-30.209	29.402	0.07
-30.219	28.573	0.03
-30.288	27.831	0.06
-30.250	27.080	0.07
-30.194	26.287	0.06
-30.222	25.501	0.02
-30.248	24.755	-0.03
-30.213	23.964	0.06
-30.221	23.175	0.11
-29.877	28.921	-0.01
-29.840	28.150	0.01
-29.844	27.424	0.04
-29.827	26.675	0.04
-29.815	25.864	0.04
-29.464	29.367	0.36
-29.450	28.577	-0.05
-29.456	27.810	-0.02
-29.483	27.044	0.02
-29.489	26.276	0.03
-29.064	28.943	0.35
-29.068	28.196	-0.09
-29.056	27.385	-0.03
-29.144	26.665	0.01
-29.065	25.891	0.01

-43.211	17.590	0.00
-42.733	23.429	0.26
-42.719	22.639	0.12
-42.810	21.878	-0.11
-42.796	21.088	-0.11
-42.802	20.320	-0.04
-42.786	19.572	-0.01
-42.773	18.761	-0.01
-42.757	18.013	0.00
-42.765	17.204	0.00
-42.415	23.052	0.24
-42.315	22.277	0.10
-42.366	21.471	-0.09
-42.396	20.663	-0.07
-42.422	19.918	-0.02
-42.407	19.149	-0.01
-42.410	18.423	0.00
-41.985	23.435	0.29
-41.971	22.645	0.22
-42.016	21.943	0.03
-41.963	21.088	-0.07
-41.970	20.299	-0.04
-41.996	19.554	-0.01
-42.004	18.766	0.00
-41.969	17.974	0.00
-41.976	17.186	0.00
-41.589	22.264	0.19
-41.578	21.432	0.02
-41.561	20.684	-0.04
-41.611	19.899	-0.01
-41.597	19.109	0.00
-41.581	18.360	0.00
-41.548	17.527	0.00
-41.238	23.421	0.30
-41.162	22.605	0.25
-41.253	21.844	0.16
-41.172	21.091	0.02

-28.674	29.349	0.47
-28.679	28.602	0.31
-28.664	27.833	-0.12
-28.674	27.004	-0.05
-28.275	28.904	0.45
-28.299	28.200	0.24
-27.882	29.373	0.47
-27.852	27.834	0.13
-27.862	27.005	-0.17
-27.502	28.971	0.47
-27.531	28.184	0.43
-27.473	27.412	0.08
-27.050	29.352	0.47
-27.037	28.562	0.47
-27.128	27.801	0.41
-26.733	28.975	0.46
-26.632	28.200	0.46
-26.684	27.394	0.38
-24.536	26.840	0.45
-28.483	31.227	0.47
-27.853	30.704	0.47
-27.379	30.101	0.47
-26.789	29.626	0.47
-26.240	29.034	0.47
-36.862	21.278	0.25
-36.293	20.709	0.23
-35.724	20.140	0.21
-34.613	19.029	0.19
-34.044	18.460	0.17
-33.475	17.891	0.15
-37.403	22.415	0.27
-36.834	21.847	0.26
-36.266	21.278	0.25
-35.724	20.736	0.22
-34.017	19.029	0.18
-33.475	18.487	0.16
-32.906	17.919	0.14

-41.202	20.283	-0.02
-41.313	19.544	0.00
-41.214	18.748	0.00
-41.198	17.999	0.00
-41.184	17.209	0.00
-40.845	22.208	0.24
-40.848	21.481	0.14
-40.813	20.690	0.02
-40.864	19.884	0.00
-40.805	19.132	0.01
-40.854	18.368	0.00
-40.821	17.535	0.00
-40.402	23.461	0.30
-40.434	22.613	0.27
-40.380	21.114	0.11
-40.411	20.286	0.02
-40.459	19.542	0.01
-40.447	18.732	0.01
-40.410	17.961	0.01
-40.444	17.138	0.01
-40.067	23.021	0.28
-40.031	22.250	0.25
-40.081	21.465	0.20
-40.060	19.097	0.02
-40.021	18.368	0.01
-40.031	17.538	0.01
-39.674	23.490	0.29
-39.706	22.641	0.27
-39.650	21.848	0.24
-39.642	20.291	0.07
-39.648	19.523	0.01
-39.619	17.964	0.02
-39.678	17.138	0.02
-39.277	23.003	0.28
-39.280	22.277	0.26
-39.248	21.444	0.22
-39.297	20.680	0.15

-36.834	22.388	0.27
-36.293	21.847	0.25
-35.724	21.278	0.23
-35.155	20.709	0.22
-34.044	19.598	0.18
-33.475	19.029	0.17
-32.906	18.460	0.15
-36.862	22.957	0.28
-36.293	22.388	0.26
-35.724	21.820	0.24
-35.182	21.278	0.22
-34.044	20.140	0.20
-33.475	19.571	0.17
-32.934	19.029	0.16
-32.365	18.460	0.14
-36.293	22.930	0.27
-35.751	22.388	0.25
-35.182	21.820	0.23
-34.613	21.251	0.21
-33.502	20.140	0.18
-32.934	19.571	0.16
-32.365	19.002	0.14
-36.320	23.553	0.27
-35.724	22.957	0.25
-35.155	22.388	0.24
-34.613	21.847	0.22
-34.017	21.251	0.20
-33.475	20.709	0.18
-32.906	20.140	0.18
-32.365	19.598	0.15
-31.796	19.029	0.13
-35.724	23.499	0.26
-35.182	22.957	0.24
-34.613	22.388	0.23
-34.123	21.951	0.21
-33.544	21.357	0.19
-33.019	20.825	0.18

-39.261	19.888	0.03
-39.227	19.097	0.03
-39.273	18.374	0.02
-39.238	17.562	0.02
-38.873	23.498	0.28
-38.854	22.619	0.27
-38.882	21.832	0.24
-38.865	21.083	0.20
-38.854	20.252	0.12
-38.839	19.483	0.06
-38.844	18.736	0.01
-38.871	17.970	0.03
-38.873	17.138	0.03
-38.490	23.076	0.27
-38.511	22.282	0.25
-38.476	21.490	0.22
-38.465	20.659	0.18
-38.492	19.893	0.11
-38.501	19.084	0.06
-38.490	18.326	0.04
-38.490	17.521	0.01
-38.107	23.498	0.27
-38.107	22.693	0.25
-38.107	21.889	0.23
-38.107	21.122	0.21
-38.107	20.318	0.16
-38.107	19.513	0.10
-38.107	18.709	0.07
-38.107	17.943	0.05
-38.107	17.138	0.04
-37.724	21.505	0.22
-37.762	20.663	0.19
-37.724	19.896	0.15
-37.724	19.130	0.10
-37.724	18.326	0.07
-37.724	17.521	0.06
-37.302	23.498	0.26

-32.365	20.140	0.15
-31.796	19.571	0.15
-35.751	24.068	0.27
-35.182	23.499	0.25
-34.741	22.975	0.23
-34.152	22.499	0.22
-33.600	21.937	0.20
-33.047	21.374	0.18
-32.498	20.782	0.16
-31.823	20.140	0.14
-31.281	19.598	0.12
-35.182	24.041	0.26
-34.719	23.595	0.24
-34.151	23.047	0.22
-33.571	22.453	0.20
-33.019	21.890	0.19
-32.478	21.373	0.17
-31.921	20.869	0.15
-31.254	20.113	0.13
-35.209	24.610	0.26
-34.672	24.155	0.24
-33.586	22.986	0.21
-33.013	22.496	0.19
-32.460	21.934	0.18
-31.949	21.418	0.16
-31.370	20.824	0.14
-34.148	24.141	0.24
-33.536	23.575	0.21
-33.016	22.985	0.19
-32.446	22.465	0.18
-31.956	21.877	0.16
-31.352	21.385	0.14
-34.640	25.179	0.24
-34.136	24.643	0.23
-32.474	23.014	0.18
-31.920	22.481	0.17
-31.326	21.872	0.15

-37.302	22.693	0.25
-37.302	20.318	0.18
-37.302	19.513	0.14
-37.302	18.709	0.10
-37.302	17.943	0.08
-37.302	17.138	0.06
-36.919	23.076	0.25
-36.919	21.505	0.22
-36.919	20.663	0.20
-36.919	19.973	0.17
-36.919	19.130	0.13
-36.919	18.326	0.10
-36.919	17.483	0.08
-36.536	23.498	0.24
-36.536	22.693	0.23
-36.536	21.889	0.22
-36.536	20.318	0.18
-36.536	19.513	0.15
-36.536	18.709	0.13
-36.536	17.981	0.11
-36.536	17.138	0.09
-36.153	23.076	0.23
-36.153	22.310	0.22
-36.153	21.505	0.21
-36.153	20.663	0.19
-36.153	19.130	0.15
-36.153	18.326	0.13
-36.153	17.521	0.11
-35.770	23.498	0.22
-35.732	22.693	0.22
-35.770	21.889	0.21
-35.770	21.122	0.19
-35.770	20.318	0.18
-35.770	19.513	0.17
-35.770	17.138	0.12
-49.907	28.939	0.44
-50.448	28.397	0.42

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-30.212	20.864	0.11
-34.075	25.187	0.23
-33.553	24.626	0.21
-33.012	24.108	0.20
-32.430	23.544	0.18
-31.889	23.027	0.17
-31.274	22.490	0.15
-30.779	21.960	0.13
-30.241	21.413	0.11
-34.074	25.734	0.19
-33.484	25.258	0.20
-32.978	24.683	0.19
-32.442	24.107	0.18
-31.904	23.560	0.17
-31.319	23.025	0.15
-30.748	22.506	0.14
-30.231	21.886	0.12
-29.671	21.412	0.10
-33.532	25.764	0.15
-33.028	25.159	0.16
-32.459	24.611	0.17
-31.889	24.092	0.17
-31.334	23.558	0.15
-30.763	23.039	0.14
-30.195	22.490	0.12
-29.670	21.959	0.11
-33.560	26.313	0.12
-32.948	25.747	0.10
-32.394	25.214	0.11
-31.885	24.668	0.13
-31.319	24.090	0.13
-30.732	23.585	0.13
-30.194	23.038	0.12
-25.796	28.432	0.47
-25.163	27.939	0.46
-24.622	27.422	0.45

-51.017	27.828	0.29
-51.586	27.259	0.02
-52.128	26.718	-0.03
-52.697	26.149	-0.11
-53.266	25.580	-0.31
-53.835	25.011	-0.24
-49.311	28.939	0.43
-49.879	28.370	0.43
-50.448	27.801	0.37
-50.990	27.259	0.11
-51.559	26.690	-0.05
-52.697	25.553	-0.30
-53.239	25.011	-0.29
-53.807	24.442	-0.06
-49.338	28.370	0.43
-49.879	27.828	0.40
-50.448	27.259	0.21
-51.017	26.690	-0.07
-51.559	26.149	-0.11
-52.128	25.580	-0.25
-52.697	25.011	-0.35
-53.266	24.442	-0.13
-48.769	28.397	0.43
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-49.907	27.259	0.31
-50.448	26.718	0.00
-51.017	26.149	-0.15
-51.586	25.580	-0.24
-52.155	25.011	-0.39
-52.697	24.469	-0.22
-53.266	23.900	-0.05
-48.796	27.828	0.42
-49.338	27.286	0.38
-49.907	26.718	0.12
-50.475	26.149	-0.17
-51.017	25.607	-0.24
-51.586	25.038	-0.41

-24.053	26.873	0.45
-27.911	31.255	0.47
-27.348	30.647	0.47
-26.837	30.131	0.47
-26.252	29.596	0.47
-25.718	28.990	0.46
-25.145	28.500	0.46
-24.639	27.926	0.45
-24.027	27.360	0.45
-27.921	31.847	0.46
-27.344	31.224	0.46
-26.790	30.690	0.46
-26.246	30.202	0.46
-25.682	29.595	0.46
-25.190	29.036	0.47
-24.608	28.471	0.45
-24.037	27.952	0.45
-23.479	27.346	0.45
-27.372	31.772	0.46
-26.802	31.253	0.46
-26.282	30.662	0.46
-25.700	30.098	0.46
-25.161	29.552	0.46
-24.593	29.003	0.46
-24.050	28.515	0.45
-23.470	27.921	0.45
-27.426	32.382	0.45
-26.849	31.759	0.46
-26.249	31.238	0.46
-25.707	30.720	0.46
-25.141	30.142	0.45
-24.603	29.595	0.45
-23.480	28.513	0.45
-22.937	27.888	0.44
-26.802	32.318	0.45
-26.290	31.802	0.45
-25.679	31.236	0.45

-52.155	24.469	-0.30
-52.724	23.900	-0.09
-48.173	27.855	0.42
-48.769	27.259	0.40
-49.338	26.690	0.24
-49.879	26.149	-0.12
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-51.017	25.011	-0.40
-51.586	24.442	-0.35
-52.128	23.900	-0.15
-52.697	23.331	-0.05
-48.227	27.259	0.41
-48.769	26.718	0.33
-49.338	26.149	-0.01
-49.775	25.659	-0.28
-50.369	25.079	-0.38
-50.901	24.554	-0.42
-51.586	23.900	-0.22
-52.155	23.331	-0.07
-47.658	27.286	0.41
-48.227	26.718	0.37
-48.751	26.277	0.18
-49.227	25.687	-0.22
-49.789	25.135	-0.37
-50.352	24.583	-0.48
-50.944	24.033	-0.31
-51.586	23.358	-0.12
-52.128	22.817	-0.03
-47.685	26.718	0.39
-48.131	26.254	0.26
-48.679	25.686	-0.10
-49.273	25.107	-0.39
-49.836	24.554	-0.50
-50.353	24.013	-0.39
-50.857	23.456	-0.17
-51.613	22.790	-0.04
-47.116	26.745	0.39

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-24.588	30.127	0.45
-24.004	29.592	0.45
-23.525	29.048	0.45
-22.926	28.498	0.44
-26.865	32.953	0.45
-26.230	32.346	0.45
-25.694	31.769	0.45
-25.153	31.252	0.45
-24.557	30.672	0.45
-24.003	30.139	0.44
-23.478	29.607	0.44
-22.955	29.046	0.44
-22.369	28.456	0.43
-26.297	32.926	0.45
-25.750	32.349	0.45
-25.165	31.815	0.45
-24.570	31.235	0.44
-24.047	30.674	0.44
-23.481	30.096	0.44
-22.369	28.998	0.43
-26.324	33.495	0.45
-25.755	32.926	0.44
-25.186	32.357	0.44
-24.644	31.816	0.44
-24.075	31.247	0.44
-23.506	30.678	0.44
-21.827	28.998	0.43
-25.755	33.468	0.44
-25.213	32.926	0.44
-24.644	32.357	0.44
-24.075	31.734	0.44
-23.506	31.220	0.44
-22.965	30.678	0.44
-21.827	29.540	0.43
-25.755	34.064	0.44
-25.186	33.495	0.44

-47.571	26.207	0.33
-48.177	25.674	0.06
-48.740	25.122	-0.38
-49.230	24.548	-0.52
-49.792	23.996	-0.43
-50.308	23.485	-0.22
-50.902	22.905	-0.06
-47.585	25.684	0.18
-48.151	25.072	-0.26
-48.741	24.552	-0.52
-49.261	23.981	-0.47
-49.849	23.491	-0.26
-50.341	22.888	-0.08
-46.547	26.176	0.37
-47.083	25.671	0.27
-48.166	24.518	-0.49
-48.712	24.010	-0.51
-49.245	23.455	-0.32
-49.854	22.862	-0.11
-50.285	22.284	-0.02
-50.862	21.748	0.03
-46.539	25.610	0.30
-47.100	25.088	0.06
-47.618	24.547	-0.45
-48.182	23.965	-0.53
-48.699	23.424	-0.36
-49.236	22.810	-0.14
-49.766	22.315	-0.04
-50.313	21.776	0.02
-45.992	25.609	0.33
-46.468	25.020	0.18
-47.043	24.514	-0.30
-47.619	23.978	-0.54
-48.166	23.439	-0.41
-48.701	22.854	-0.17
-49.220	22.284	-0.05
-49.840	21.766	0.00

-24.617	32.926	0.44
-23.506	31.816	0.44
-22.937	31.247	0.44
-22.369	30.678	0.43
-21.827	30.136	0.43
-21.258	29.567	0.42
-25.186	34.037	0.43
-24.644	33.495	0.43
-24.075	32.926	0.43
-23.479	32.330	0.43
-22.992	31.843	0.43
-22.396	31.247	0.43
-21.827	30.678	0.43
-21.231	30.082	0.42
-25.213	34.606	0.42
-24.644	34.037	0.42
-24.075	33.468	0.42
-23.533	32.926	0.43
-22.965	32.357	0.42
-22.396	31.789	0.40
-21.827	31.220	0.42
-21.312	30.705	0.42
-20.716	30.109	0.42
-24.644	34.579	0.42
-24.102	34.037	0.42
-23.533	33.468	0.41
-22.937	32.872	0.41
-22.396	32.330	0.44
-21.854	31.789	0.41
-21.285	31.220	0.41
-20.716	30.651	0.41
-24.671	35.148	0.43
-24.075	34.606	0.42
-23.533	34.010	0.42
-22.992	33.468	0.41
-22.423	32.899	0.41
-21.854	32.330	0.40

-50.314	21.207	0.04
-45.962	25.067	0.26
-46.567	24.563	-0.11
-47.115	23.995	-0.52
-47.635	23.424	-0.44
-48.168	22.869	-0.22
-48.687	22.299	-0.07
-49.236	21.730	-0.01
-49.767	21.205	0.03
-45.979	24.484	0.04
-46.512	23.929	-0.44
-47.058	23.420	-0.46
-47.636	22.855	-0.27
-48.141	22.268	-0.10
-48.688	21.729	-0.02
-49.208	21.158	0.02
-49.769	20.636	0.04
-45.475	24.501	0.18
-46.024	23.933	-0.26
-46.526	23.406	-0.47
-47.018	22.802	-0.32
-47.653	22.271	-0.14
-48.127	21.712	-0.04
-48.690	21.160	0.01
-49.263	20.683	0.03
-44.881	24.541	0.26
-45.461	23.945	-0.05
-46.024	23.393	-0.44
-46.528	22.836	-0.35
-47.032	22.279	-0.17
-47.594	21.727	-0.06
-48.099	21.140	-0.01
-48.674	20.633	0.02
-49.206	20.109	0.04
-44.900	23.928	0.11
-45.479	23.362	-0.33
-45.968	22.789	-0.36

-21.285	31.761	0.44
-20.743	31.220	0.40
-20.174	30.651	0.40
-24.075	35.148	0.43
-23.533	34.606	0.42
-22.965	34.037	0.41
-22.396	33.468	0.41
-29.040	28.536	-0.01
-28.460	27.942	-0.09
-27.936	27.410	-0.15
-27.367	26.862	-0.18
-26.845	26.301	-0.20
-26.320	25.769	-0.18
-25.752	25.221	-0.18
-29.596	29.587	0.40
-29.060	29.010	0.31
-28.473	28.505	0.29
-27.910	27.897	0.14
-26.857	26.863	-0.07
-26.262	26.284	-0.20
-25.755	25.709	-0.25
-29.546	30.176	0.48
-28.978	29.627	0.47
-28.504	29.024	0.45
-27.936	28.475	0.43
-27.397	27.928	0.37
-26.856	27.411	0.33
-26.274	26.846	0.22
-25.733	26.329	0.10
-25.167	25.751	-0.05
-29.055	30.134	0.48
-28.436	29.656	0.48
-27.902	29.050	0.47
-27.352	28.458	0.46
-26.844	27.913	0.44
-26.289	27.380	0.43
-25.778	26.864	0.39

-46.514	22.280	-0.21
-47.016	21.753	-0.08
-47.552	21.138	-0.02
-48.127	20.632	0.01
-48.690	20.080	0.03
-44.369	23.913	0.21
-44.900	23.388	-0.15
-45.433	22.834	-0.38
-45.953	22.263	-0.24
-47.035	21.140	-0.03
-47.625	20.620	0.00
-48.129	20.063	0.02
-48.691	19.511	0.03
-44.386	23.330	0.00
-44.890	22.773	-0.32
-45.450	22.250	-0.27
-45.968	21.709	-0.14
-46.486	21.168	-0.04
-47.625	20.080	0.01
-48.084	19.534	0.02
-43.749	23.351	0.14
-44.342	22.772	-0.21
-44.916	22.295	-0.28
-45.419	21.738	-0.17
-45.940	21.137	-0.06
-46.517	20.601	-0.02
-47.062	20.093	0.01
-47.597	19.508	0.02
-48.160	18.956	0.02
-43.854	22.775	-0.05
-44.373	22.205	-0.27
-44.889	21.693	-0.18
-45.407	21.152	-0.08
-45.971	20.570	-0.02
-46.503	20.045	0.00
-47.064	19.523	0.01
-47.583	18.952	0.02

-25.207	26.344	0.36
-29.022	30.709	0.48
-28.453	30.160	0.48
-27.988	29.632	0.48
-27.346	29.064	0.47
-26.794	28.502	0.47
-26.285	27.956	0.46
-25.733	27.394	0.45
-25.149	26.859	0.44
-24.597	26.296	0.42
-27.914	30.160	0.48
-27.318	29.580	0.47
-26.777	29.063	0.47
-26.257	28.472	0.47
-25.689	27.924	0.46
-25.148	27.406	0.46
-27.044	35.973	0.43
-27.811	35.973	0.42
-28.615	35.973	0.43
-29.420	35.973	0.44
-30.186	35.973	0.44
-30.990	35.973	0.44
-31.795	35.973	0.43
-32.599	35.973	0.42
-26.623	35.552	0.42
-27.427	35.552	0.42
-28.232	35.552	0.44
-28.998	35.552	0.44
-29.803	35.552	0.44
-31.412	35.552	0.44
-32.178	35.552	0.43
-32.982	35.552	0.43
-27.044	35.169	0.42
-27.811	35.169	0.43
-28.615	35.169	0.44
-29.420	35.169	0.45
-30.186	35.169	0.44

-43.247	22.799	0.08
-43.795	22.231	-0.21
-44.342	21.692	-0.20
-44.903	21.170	-0.10
-45.450	20.631	-0.04
-45.983	20.077	-0.01
-46.520	19.462	0.00
-47.065	18.954	0.01
-47.598	18.399	0.01
-43.263	22.216	-0.09
-43.795	21.691	-0.20
-44.359	21.109	-0.12
-44.931	20.662	-0.05
-45.422	20.059	-0.02
-45.940	19.518	-0.01
-46.534	18.939	0.00
-47.022	18.395	0.01
-42.701	22.228	0.04
-43.765	21.149	-0.13
-44.359	20.569	-0.06
-44.891	20.044	-0.02
-45.424	19.490	-0.01
-45.971	18.951	0.00
-46.518	18.413	0.00
-47.051	17.858	0.01
-42.733	21.631	-0.11
-43.248	21.150	-0.13
-44.359	20.029	-0.02
-44.892	19.475	-0.01
-45.394	18.947	-0.01
-45.943	18.379	0.00
-46.504	17.857	0.01
-42.124	21.685	0.00
-43.190	20.576	-0.07
-43.784	19.996	-0.03
-44.316	19.471	-0.02
-44.864	18.903	-0.01

-30.990	35.169	0.44
-31.795	35.169	0.43
-32.599	35.169	0.43
-26.623	34.786	0.42
-27.427	34.786	0.43
-28.232	34.786	0.44
-28.998	34.786	0.44
-29.803	34.786	0.44
-30.607	34.786	0.45
-31.412	34.786	0.44
-32.178	34.786	0.43
-32.982	34.786	0.43
-27.044	34.403	0.43
-27.811	34.403	0.44
-28.615	34.403	0.44
-29.420	34.403	0.44
-30.186	34.403	0.45
-30.990	34.403	0.44
-31.795	34.403	0.44
-32.599	34.403	0.44
-26.585	33.981	0.44
-27.427	33.981	0.44
-28.232	33.981	0.44
-28.998	33.981	0.44
-29.841	33.981	0.44
-30.607	33.981	0.44
-31.412	33.981	0.45
-32.178	33.981	0.44
-32.982	33.981	0.43
-27.044	33.598	0.44
-27.811	33.598	0.44
-28.615	33.598	0.44
-29.271	33.561	0.44
-30.101	33.571	0.45
-30.848	33.576	0.45
-31.795	33.598	0.44
-32.599	33.598	0.45

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-43.221	20.008	-0.03
-43.829	19.445	-0.02
-44.331	18.918	-0.02
-44.863	18.393	-0.01
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-42.099	20.513	-0.06
-42.702	20.040	-0.04
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-42.070	19.971	-0.03
-42.676	19.438	-0.02
-43.268	18.888	-0.01
-43.813	18.379	-0.01
-44.346	17.825	-0.01
-44.862	17.313	0.00
-41.017	20.557	-0.01
-41.566	19.989	-0.03
-42.094	19.524	-0.02
-42.662	18.882	-0.01
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-44.332	17.269	-0.01
-44.867	16.684	0.00
-45.430	16.132	0.00
-41.566	19.449	-0.01

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-27.427	33.215	0.44
-28.109	33.274	0.45
-28.863	33.193	0.45
-29.651	33.201	0.45
-30.439	33.208	0.45
-31.247	33.238	0.45
-32.178	33.215	0.45
-32.944	33.215	0.44
-27.044	32.832	0.45
-27.687	32.819	0.45
-28.477	32.806	0.45
-29.306	32.816	0.45
-30.095	32.823	0.46
-30.843	32.806	0.46
-31.593	32.769	0.46
-32.599	32.832	0.45
-26.623	32.449	0.44
-27.325	32.391	0.45
-28.130	32.442	0.45
-29.670	32.390	0.46
-30.459	32.397	0.46
-31.185	32.401	0.47
-32.015	32.411	0.46
-32.982	32.449	0.44
-26.956	32.047	0.43
-27.705	32.030	0.46
-28.537	31.998	0.46
-29.322	32.047	0.46
-30.093	32.011	0.47
-30.856	32.081	0.47
-31.630	32.002	0.47
-32.399	31.987	0.46
-26.623	31.644	0.44
-27.358	31.666	0.45
-28.148	31.652	0.44
-28.940	31.617	0.47

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-42.663	18.312	-0.01
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-43.802	17.224	0.00
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-40.499	20.019	0.01
-41.022	19.388	0.00
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-42.100	18.325	-0.01
-42.693	17.775	-0.01
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-42.130	17.788	-0.01
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-39.879	19.456	0.02
-40.502	18.879	0.01
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-42.723	16.129	0.00
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-30.454	31.628	0.48
-31.304	31.639	0.48
-32.018	31.535	0.43
-32.805	31.564	0.31
-27.017	31.239	0.45
-27.783	31.266	0.46
-28.531	31.249	0.46
-29.342	31.237	0.47
-30.090	31.220	0.48
-30.904	31.165	0.48
-31.629	31.190	0.42
-32.396	31.196	0.27
-26.631	30.851	0.45
-27.384	30.770	0.46
-28.148	30.819	0.46
-28.935	30.848	0.47
-29.703	30.854	0.48
-30.494	30.819	0.47
-31.265	30.782	0.39
-32.069	30.855	0.22
-32.800	30.794	0.26
-26.993	30.447	0.45
-27.777	30.518	0.46
-28.566	30.504	0.47
-29.337	30.467	0.48
-30.107	30.452	0.47
-30.877	30.416	0.36
-31.667	30.402	0.16
-32.414	30.406	0.23
-27.418	30.046	0.46
-28.187	30.031	0.47
-28.932	30.057	0.48
-29.741	30.066	0.46
-30.514	30.008	0.30
-31.281	30.014	0.12
-32.052	29.977	0.19

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-39.967	18.385	0.01
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-38.773	18.401	0.03
-39.380	17.766	0.02
-39.957	17.230	0.01
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-42.119	15.013	0.01
-42.680	14.491	0.01
-43.270	13.904	0.01
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-39.377	17.285	0.02
-39.911	16.701	0.01
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-42.159	14.473	0.00
-42.728	13.904	0.01
-38.231	17.859	0.04
-38.800	17.290	0.03
-39.369	16.721	0.02
-39.910	16.180	0.01

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-27.839	29.688	0.46
-28.567	29.671	0.46
-29.341	29.592	0.47
-30.166	29.665	0.28
-30.897	29.605	0.06
-31.685	29.612	0.15
-32.427	29.681	0.21
-26.601	29.311	0.46
-27.432	29.299	0.47
-28.220	29.307	0.47
-28.971	29.269	0.44
-29.721	29.231	0.20
-30.509	29.238	0.02
-31.281	29.181	0.12
-32.046	29.229	0.18
-32.793	29.234	0.22
-27.048	28.890	0.46
-27.857	28.899	0.46
-28.608	28.840	0.41
-29.354	28.866	0.15
-30.082	28.848	-0.02
-30.895	28.793	0.09
-31.660	28.842	0.15
-32.448	28.849	0.20
-26.682	28.504	0.46
-27.429	28.509	0.46
-28.198	28.493	0.39
-28.969	28.457	0.06
-29.758	28.464	-0.04
-30.528	28.428	0.06
-31.313	28.478	0.13
-32.064	28.440	0.17
-32.852	28.447	0.21
-30.120	28.060	0.04
-31.695	28.096	0.16
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-41.048	15.042	0.01
-41.617	14.473	0.01
-42.159	13.931	0.01
-42.728	13.362	0.01
-38.258	17.290	0.04
-39.369	16.180	0.02
-39.992	15.611	0.01
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-41.048	14.500	0.01
-41.617	13.931	0.01
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-37.662	17.290	0.06
-38.231	16.721	0.04
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-39.910	15.042	0.02
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-41.590	13.362	0.01
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-37.689	16.721	0.05
-38.231	16.180	0.04
-38.800	15.611	0.03
-39.396	15.015	0.02
-39.883	14.527	0.02
-41.048	13.362	0.02
-41.644	12.766	0.02
-37.120	16.748	0.06
-37.689	16.180	0.05
-38.258	15.611	0.03
-38.800	15.069	0.03
-39.369	14.500	0.02
-40.506	13.362	0.02
-41.021	12.848	0.02
-41.617	12.252	0.02
-37.147	16.180	0.06
-37.689	15.638	0.04

-26.641	27.668	0.36
-30.543	27.681	0.08
-31.288	27.707	0.13
-32.080	27.672	0.17
-32.868	27.679	0.18
-30.179	27.273	0.07
-30.926	27.278	0.11
-31.692	27.305	0.14
-32.463	27.269	0.16
-30.537	26.933	0.08
-31.351	26.878	0.11
-32.096	26.904	0.13
-32.865	26.888	0.13
-30.152	26.524	0.06
-30.901	26.507	0.09
-31.731	26.517	0.11
-32.460	26.478	0.10
-30.556	26.122	0.07
-31.324	26.128	0.08
-32.091	26.134	0.07
-32.861	26.119	0.09
-30.191	25.736	0.04
-30.919	25.718	0.04
-31.709	25.704	0.04
-32.475	25.731	0.07
-30.576	25.311	0.00
-31.342	25.339	0.01
-32.089	25.343	0.06
-32.878	25.329	0.10
-30.188	24.945	-0.03
-30.935	24.950	0.00
-31.766	24.938	0.07
-32.530	24.987	0.14
-30.549	24.562	-0.01
-31.359	24.549	0.07
-32.108	24.533	0.15
-32.917	24.541	0.19

-38.258	15.069	0.03
-38.854	14.473	0.03
-39.937	13.389	0.02
-40.506	12.820	0.03
-41.075	12.252	0.03
-36.578	16.207	0.07
-37.120	15.611	0.05
-37.716	15.069	0.04
-38.258	14.527	0.03
-38.827	13.958	0.03
-39.396	13.389	0.03
-39.965	12.820	0.03
-41.075	11.710	0.04
-42.727	30.050	0.34
-43.493	30.050	0.35
-44.298	30.050	0.37
-45.102	30.050	0.39
-45.868	30.050	0.39
-46.673	30.050	0.40
-47.477	30.050	0.41
-48.282	30.050	0.43
-42.305	29.629	0.33
-43.110	29.629	0.35
-43.914	29.629	0.38
-45.485	29.629	0.39
-47.094	29.629	0.41
-47.860	29.629	0.42
-48.665	29.629	0.42
-42.727	29.246	0.35
-43.493	29.246	0.37
-44.298	29.246	0.38
-45.102	29.246	0.39
-45.868	29.246	0.40
-46.673	29.246	0.41
-47.477	29.246	0.41
-48.282	29.246	0.42
-42.305	28.863	0.35

-30.202	24.198	0.00
-30.972	24.183	0.09
-31.698	24.186	0.15
-32.469	24.150	0.18
-30.567	23.772	0.10
-31.355	23.780	0.15
-32.146	23.745	0.17
-32.935	23.752	0.20
-30.222	23.387	0.11
-31.012	23.373	0.14
-31.760	23.357	0.16
-32.593	23.324	0.19
-30.576	23.089	0.13
-31.373	22.990	0.15
-32.121	22.974	0.18
-32.911	22.960	0.19
-30.236	22.640	0.12
-30.988	22.581	0.14
-31.753	22.630	0.16
-32.585	22.597	0.17
-30.578	22.235	0.12
-31.389	22.223	0.15
-32.160	22.186	0.17
-32.982	22.220	0.19
-31.023	21.836	0.14
-31.753	21.797	0.16
-32.582	21.807	0.18
-32.157	21.395	0.17
-32.982	21.454	0.19
-31.747	21.049	0.15
-32.559	21.014	0.17
-32.151	20.647	0.16
-32.982	20.649	0.18
-30.228	20.268	0.09
-31.037	20.277	0.13
-31.795	20.266	0.15
-32.599	20.266	0.17

-43.110	28.863	0.36
-43.914	28.863	0.38
-44.681	28.863	0.39
-45.485	28.863	0.40
-46.290	28.863	0.41
-47.094	28.863	0.41
-47.860	28.863	0.42
-48.665	28.863	0.43
-42.727	28.480	0.36
-43.493	28.480	0.37
-44.298	28.480	0.38
-45.102	28.480	0.39
-45.868	28.480	0.41
-46.673	28.480	0.41
-47.477	28.480	0.42
-48.282	28.480	0.43
-42.267	28.058	0.36
-43.110	28.058	0.37
-43.914	28.058	0.38
-44.681	28.058	0.39
-45.524	28.058	0.40
-46.290	28.058	0.41
-47.094	28.058	0.42
-47.860	28.058	0.43
-48.665	28.058	0.43
-42.727	27.675	0.37
-43.493	27.675	0.38
-44.298	27.675	0.39
-44.954	27.638	0.40
-45.783	27.648	0.41
-46.530	27.653	0.42
-47.477	27.675	0.42
-48.282	27.675	0.43
-42.305	27.292	0.36
-43.110	27.292	0.37
-43.792	27.351	0.38
-44.545	27.270	0.39

-31.412	19.883	0.13
-32.178	19.883	0.15
-32.982	19.883	0.17
-31.795	19.500	0.14
-32.599	19.500	0.16
-31.412	19.078	0.13
-32.178	19.078	0.14
-32.982	19.078	0.16
-30.990	18.695	0.11
-31.795	18.695	0.13
-32.638	18.695	0.15
-30.607	18.312	0.09
-31.412	18.312	0.12
-32.140	18.312	0.14
-32.982	18.312	0.15
-30.224	17.929	0.06
-30.990	17.929	0.11
-31.795	17.929	0.12
-32.599	17.929	0.14
-31.412	17.546	0.06
-32.982	17.546	0.13
-34.766	34.320	0.45
-35.335	33.751	0.44
-35.904	33.182	0.43
-36.445	32.641	0.40
-37.014	32.072	0.38
-37.583	31.503	0.37
-38.152	30.934	0.36
-33.628	34.862	0.44
-34.197	34.293	0.44
-34.766	33.724	0.45
-35.308	33.182	0.43
-35.876	32.613	0.41
-36.445	32.045	0.44
-37.014	31.476	0.36
-37.556	30.934	0.35
-38.125	30.365	0.33

-45.334	27.278	0.40
-46.122	27.285	0.41
-46.929	27.315	0.42
-47.860	27.292	0.42
-48.627	27.292	0.41
-42.727	26.909	0.37
-44.159	26.883	0.39
-44.989	26.893	0.40
-45.777	26.900	0.40
-46.526	26.883	0.41
-47.276	26.846	0.41
-48.282	26.909	0.39
-42.305	26.526	0.36
-43.007	26.468	0.37
-43.813	26.519	0.38
-44.601	26.526	0.39
-45.353	26.467	0.39
-46.141	26.474	0.39
-46.868	26.478	0.39
-47.697	26.488	0.36
-43.387	26.107	0.37
-44.220	26.075	0.37
-45.005	26.124	0.38
-45.776	26.088	0.38
-46.539	26.158	0.37
-47.313	26.079	0.33
-42.305	25.721	0.35
-43.041	25.743	0.36
-44.622	25.694	0.36
-45.367	25.720	0.36
-46.137	25.705	0.34
-46.987	25.716	0.29
-47.701	25.612	0.16
-48.487	25.641	-0.06
-42.699	25.316	0.35
-43.465	25.343	0.35
-44.214	25.326	0.35

-33.655	34.293	0.43
-34.197	33.751	0.43
-34.766	33.182	0.43
-35.335	32.613	0.41
-35.876	32.072	0.37
-36.445	31.503	0.36
-37.014	30.934	0.34
-37.583	30.365	0.33
-33.086	34.320	0.43
-33.655	33.751	0.43
-34.224	33.182	0.43
-34.766	32.641	0.44
-35.335	32.072	0.38
-35.904	31.503	0.35
-37.014	30.392	0.33
-37.583	29.823	0.31
-33.113	33.751	0.43
-33.655	33.209	0.42
-34.224	32.641	0.39
-34.793	32.072	0.37
-35.335	31.530	0.35
-35.904	30.961	0.33
-36.472	30.392	0.32
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-33.086	33.182	0.43
-33.655	32.613	0.40
-34.197	32.072	0.36
-34.793	31.476	0.34
-35.335	30.934	0.32
-35.904	30.365	0.32
-36.445	29.823	0.31
-37.014	29.254	0.28
-32.544	33.182	0.44
-33.086	32.641	0.43
-33.655	32.072	0.36
-34.093	31.582	0.33

-45.024	25.314	0.34
-45.773	25.297	0.31
-46.587	25.242	0.23
-47.311	25.267	0.09
-48.079	25.273	-0.16
-42.313	24.928	0.34
-43.066	24.847	0.34
-43.831	24.896	0.33
-44.618	24.925	0.32
-45.385	24.931	0.28
-46.177	24.896	0.17
-46.948	24.859	-0.02
-48.483	24.871	-0.41
-42.676	24.524	0.33
-43.459	24.595	0.32
-44.249	24.581	0.30
-45.020	24.544	0.25
-45.789	24.529	0.11
-46.560	24.493	-0.11
-47.350	24.479	-0.38
-48.097	24.483	-0.51
-42.267	24.156	0.32
-43.100	24.123	0.30
-43.869	24.108	0.27
-44.615	24.134	0.21
-45.424	24.143	0.05
-46.196	24.085	-0.25
-46.964	24.091	-0.45
-47.735	24.054	-0.53
-48.501	24.082	-0.52
-42.731	23.779	0.29
-43.521	23.765	0.25
-44.249	23.748	0.17
-45.023	23.669	-0.04
-45.848	23.742	-0.29
-46.579	23.682	-0.48
-47.368	23.689	-0.50

-34.687	31.002	0.31
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-35.904	29.823	0.30
-36.472	29.254	0.28
-31.976	33.209	0.44
-32.544	32.641	0.44
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-33.544	31.610	0.32
-34.107	31.058	0.31
-34.669	30.506	0.30
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-35.904	29.281	0.28
-36.445	28.740	0.25
-32.003	32.641	0.45
-32.448	32.177	0.44
-32.997	31.609	0.31
-33.591	31.030	0.29
-34.153	30.477	0.28
-34.671	29.936	0.28
-35.175	29.379	0.28
-35.931	28.713	0.28
-31.889	32.130	0.46
-32.495	31.597	0.35
-33.547	30.471	0.26
-34.110	29.919	0.27
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-35.219	28.828	0.25
-31.903	31.607	0.44
-32.468	30.995	0.24
-33.059	30.475	0.25
-33.578	29.904	0.25
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-34.658	28.811	0.25
-30.865	32.099	0.46
-31.400	31.594	0.47
-31.949	31.026	0.22
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-43.115	23.376	0.23
-43.903	23.384	0.12
-44.653	23.346	-0.09
-45.403	23.308	-0.34
-46.192	23.315	-0.44
-46.964	23.258	-0.42
-47.728	23.306	-0.41
-48.475	23.311	-0.36
-42.730	22.967	0.20
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-45.036	22.943	-0.33
-45.764	22.925	-0.38
-46.578	22.870	-0.35
-47.342	22.919	-0.33
-48.131	22.926	-0.25
-42.365	22.581	0.18
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-43.881	22.570	-0.15
-44.652	22.534	-0.29
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-46.996	22.555	-0.25
-47.746	22.517	-0.18
-48.534	22.524	-0.12
-42.789	22.180	-0.01
-43.539	22.143	-0.17
-44.305	22.170	-0.26
-45.054	22.153	-0.25
-45.803	22.137	-0.22
-46.548	22.163	-0.18
-47.378	22.173	-0.12
-48.088	22.111	-0.08
-42.324	21.745	-0.03
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-30.856	31.533	0.47
-31.417	31.011	0.42
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-33.017	29.347	0.22
-33.553	28.733	0.23
-34.083	28.238	0.22
-34.630	27.699	0.18
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-30.785	30.943	0.47
-31.360	30.437	0.19
-31.937	29.901	0.17
-32.484	29.362	0.20
-33.018	28.777	0.21
-33.538	28.207	0.21
-34.158	27.689	0.18
-34.632	27.130	0.15
-30.280	30.990	0.47
-30.884	30.486	0.37
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-32.485	28.792	0.19
-33.004	28.222	0.20
-33.553	27.653	0.18
-34.085	27.128	0.14
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-47.375	21.382	-0.03
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-42.359	20.999	-0.08
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-45.061	20.680	-0.04
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-48.617	17.829	0.03
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-46.259	17.166	0.01
-47.055	17.067	0.02
-47.804	17.051	0.02
-48.594	17.037	0.03
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-45.113	16.666	0.01
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-47.435	16.707	0.02
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-43.553	15.884	0.00
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-43.184	14.707	0.01
-43.971	14.735	0.01
-44.720	14.718	0.01
-45.551	14.707	0.01

-46.320	14.692	0.02
-47.067	14.697	0.02
-47.833	14.724	0.03
-48.665	14.726	0.03
-42.727	14.343	0.01
-43.521	14.364	0.01
-44.313	14.329	0.01
-45.144	14.318	0.01
-45.910	14.345	0.02
-46.719	14.354	0.02
-47.477	14.343	0.02
-48.282	14.343	0.03
-42.305	13.960	0.01
-43.110	13.960	0.01
-43.914	13.960	0.01
-44.681	13.960	0.01
-45.485	13.960	0.01
-46.290	13.960	0.02
-47.094	13.960	0.02
-47.860	13.960	0.03
-48.665	13.960	0.03
-42.727	13.577	0.01
-43.493	13.577	0.06
-44.298	13.577	0.06
-45.140	13.615	0.08
-45.907	13.577	0.09
-46.673	13.577	0.02
-47.477	13.577	0.02
-48.282	13.577	0.03
-42.305	13.155	0.02
-43.110	13.155	0.02
-43.914	13.155	0.01
-45.485	13.155	0.02
-46.290	13.155	0.02
-47.094	13.155	0.02
-47.860	13.155	0.03
-48.665	13.155	0.03

-42.727	12.772	0.02
-43.493	12.772	0.02
-44.298	12.772	0.02
-45.140	12.772	0.01
-45.830	12.772	0.02
-46.673	12.772	0.02
-47.477	12.772	0.03
-48.320	12.772	0.03
-42.305	12.389	0.02
-43.110	12.389	0.02
-43.914	12.389	0.02
-44.681	12.389	0.03
-45.485	12.389	0.02
-46.290	12.389	0.01
-47.094	12.389	0.02
-47.822	12.389	0.03
-48.665	12.389	0.03
-42.727	12.006	0.03
-43.493	12.006	0.02
-44.298	12.006	0.02
-45.140	12.006	0.02
-45.907	12.006	0.04
-46.673	12.006	0.02
-47.477	12.006	0.03
-48.282	12.006	0.03
-42.305	11.623	0.04
-43.110	11.585	0.03
-43.914	11.623	0.02
-44.681	11.623	0.02
-45.485	11.623	0.02
-46.290	11.623	0.02
-47.094	11.623	0.03
-48.665	11.623	0.03
-57.821	34.862	0.44
-58.362	34.320	0.43
-58.931	33.751	0.43
-59.500	33.182	0.44

-60.042	32.641	0.40
-60.611	32.072	0.36
-61.180	31.503	0.34
-61.749	30.934	0.33
-57.225	34.862	0.43
-57.794	34.293	0.43
-58.362	33.724	0.44
-58.904	33.182	0.44
-59.473	32.613	0.41
-60.611	31.476	0.34
-61.153	30.934	0.33
-61.722	30.365	0.31
-57.252	34.293	0.43
-57.794	33.751	0.43
-58.362	33.182	0.43
-58.931	32.613	0.41
-59.473	32.072	0.37
-56.683	34.320	0.43
-57.252	33.751	0.43
-57.821	33.182	0.43
-58.362	32.641	0.42
-58.931	32.072	0.37
-59.500	31.503	0.35
-60.611	30.392	0.31
-61.180	29.823	0.29
-56.710	33.751	0.43
-57.252	33.209	0.43
-57.821	32.641	0.42
-58.389	32.072	0.37
-58.931	31.530	0.34
-59.500	30.961	0.32
-60.069	30.392	0.31
-60.638	29.823	0.29
-56.087	33.778	0.43
-56.683	33.182	0.43
-57.252	32.613	0.42
-57.794	32.072	0.38

-58.389	31.476	0.33
-58.931	30.934	0.31
-59.500	30.365	0.31
-60.042	29.823	0.29
-60.611	29.254	0.27
-56.141	33.182	0.43
-56.683	32.641	0.43
-57.252	32.072	0.39
-57.689	31.582	0.33
-58.283	31.002	0.31
-58.815	30.477	0.30
-59.500	29.823	0.29
-60.069	29.254	0.27
-55.572	33.209	0.43
-56.141	32.641	0.43
-56.665	32.200	0.41
-57.141	31.610	0.35
-57.703	31.058	0.30
-58.266	30.506	0.29
-58.858	29.956	0.29
-60.042	28.740	0.24
-56.045	32.177	0.42
-57.750	30.477	0.29
-58.267	29.936	0.28
-58.771	29.379	0.27
-55.030	32.668	0.44
-55.485	32.130	0.44
-56.091	31.597	0.39
-57.144	30.471	0.27
-57.706	29.919	0.27
-58.222	29.408	0.27
-58.816	28.828	0.24
-55.499	31.607	0.42
-56.065	30.995	0.32
-56.655	30.475	0.27
-57.175	29.904	0.26
-57.763	29.414	0.26

-58.255	28.811	0.24
-54.461	32.099	0.44
-54.997	31.594	0.43
-56.080	30.441	0.27
-56.626	29.933	0.25
-57.159	29.378	0.25
-57.768	28.785	0.24
-58.199	28.207	0.20
-58.776	27.671	0.16
-54.453	31.533	0.44
-55.014	31.011	0.40
-55.532	30.470	0.27
-56.096	29.888	0.23
-56.614	29.347	0.24
-57.150	28.733	0.23
-57.680	28.238	0.20
-58.227	27.699	0.16
-53.906	31.532	0.44
-54.382	30.943	0.42
-54.957	30.437	0.32
-55.533	29.901	0.22
-56.080	29.362	0.22
-56.615	28.777	0.22
-57.134	28.207	0.21
-58.228	27.130	0.12
-54.481	30.486	0.37
-55.029	29.918	0.23
-55.549	29.347	0.21
-56.082	28.792	0.20
-56.601	28.222	0.21
-57.150	27.653	0.16
-57.681	27.128	0.11
-54.427	29.852	0.20
-54.972	29.343	0.20
-55.550	28.778	0.21
-56.055	28.191	0.20
-56.603	27.652	0.17

-57.122	27.081	0.10
-57.683	26.559	0.08
-53.390	30.424	0.43
-53.938	29.856	0.34
-54.932	28.725	0.18
-55.567	28.194	0.18
-56.041	27.635	0.16
-56.604	27.083	0.10
-57.177	26.606	0.05
-52.796	30.464	0.44
-53.376	29.868	0.40
-53.938	29.316	0.23
-54.442	28.759	0.16
-54.946	28.202	0.17
-55.508	27.650	0.16
-56.014	27.063	0.10
-56.588	26.556	0.03
-57.120	26.032	0.06
-52.814	29.851	0.42
-53.393	29.285	0.31
-53.882	28.712	0.16
-54.428	28.203	0.15
-54.930	27.676	0.16
-55.466	27.061	0.10
-56.041	26.555	0.03
-56.604	26.003	0.01
-52.283	29.836	0.44
-52.814	29.311	0.38
-53.348	28.757	0.19
-53.867	28.186	0.14
-54.949	27.063	0.11
-55.539	26.543	0.02
-53.882	27.632	0.13
-54.400	27.091	0.11
-54.945	26.583	0.04
-55.539	26.003	-0.07
-55.998	25.457	0.00

-51.663	29.274	0.42
-52.256	28.695	0.35
-52.830	28.218	0.14
-53.333	27.661	0.10
-53.854	27.060	0.10
-54.431	26.524	0.02
-54.976	26.016	-0.09
-55.511	25.431	-0.06
-56.074	24.879	0.11
-51.768	28.698	0.40
-52.287	28.128	0.22
-52.803	27.616	0.08
-53.321	27.075	0.09
-53.885	26.493	0.02
-54.417	25.968	-0.11
-54.978	25.446	-0.13
-55.497	24.875	0.06
-51.161	28.722	0.42
-51.709	28.154	0.32
-52.256	27.615	0.09
-52.817	27.093	0.07
-53.364	26.554	0.03
-53.897	26.000	-0.10
-54.434	25.385	-0.19
-54.979	24.877	0.00
-55.512	24.322	0.10
-51.177	28.139	0.38
-51.709	27.614	0.16
-52.273	27.032	0.04
-52.845	26.585	0.03
-53.336	25.982	-0.11
-53.854	25.441	-0.24
-62.111	28.999	0.26
-62.111	28.233	0.24
-62.111	27.428	0.27
-62.111	26.624	0.29
-62.111	25.858	0.30

-62.111	25.053	0.30
-62.111	24.249	0.29
-62.111	23.444	0.28
-61.690	29.421	0.26
-61.690	28.616	0.23
-61.690	27.812	0.24
-61.690	27.045	0.27
-61.690	26.241	0.29
-61.690	24.632	0.29
-61.690	23.866	0.28
-61.690	23.061	0.27
-61.307	28.999	0.24
-61.307	28.233	0.22
-61.307	27.428	0.23
-61.307	26.624	0.27
-61.307	24.249	0.28
-61.307	23.444	0.27
-60.924	29.421	0.26
-60.924	28.616	0.22
-60.924	27.812	0.20
-60.924	27.045	0.22
-60.924	26.241	0.26
-60.924	25.436	0.27
-60.924	23.866	0.26
-60.924	23.061	0.25
-60.541	28.999	0.24
-60.541	28.233	0.20
-60.541	27.428	0.19
-60.541	26.624	0.24
-60.541	25.858	0.26
-60.541	25.053	0.26
-60.541	24.249	0.26
-60.541	23.444	0.25
-60.119	29.459	0.27
-60.119	28.616	0.22
-60.119	27.812	0.18
-60.119	27.045	0.19

-60.119	26.202	0.24
-60.119	25.436	0.25
-60.119	24.632	0.26
-60.119	23.866	0.24
-60.119	23.061	0.24
-59.736	28.999	0.24
-59.736	28.233	0.19
-59.736	27.428	0.16
-59.699	26.772	0.18
-59.709	25.943	0.23
-59.714	25.196	0.24
-59.736	24.249	0.24
-59.736	23.444	0.23
-59.353	29.421	0.26
-59.353	28.616	0.22
-59.412	27.934	0.17
-59.331	27.181	0.14
-59.339	26.392	0.19
-59.346	25.604	0.23
-59.376	24.797	0.23
-59.353	23.866	0.22
-59.353	23.099	0.22
-58.970	28.999	0.24
-58.954	26.737	0.14
-58.961	25.949	0.20
-58.945	25.200	0.22
-58.907	24.450	0.22
-58.970	23.444	0.21
-58.587	29.421	0.26
-58.529	28.719	0.22
-58.580	27.913	0.17
-58.528	26.373	0.14
-58.536	25.585	0.20
-58.539	24.859	0.21
-58.549	24.029	0.20
-58.587	23.061	0.24
-58.185	29.088	0.20

-58.168	28.339	0.19
-58.136	27.506	0.13
-58.186	26.721	0.09
-58.149	25.950	0.15
-58.219	25.187	0.20
-58.140	24.413	0.19
-58.125	23.644	0.16
-57.782	29.421	0.25
-57.804	28.685	0.22
-57.790	27.895	0.18
-57.755	27.104	0.09
-57.781	26.359	0.08
-57.766	25.589	0.16
-57.777	24.739	0.18
-57.673	24.025	0.17
-57.702	23.239	0.17
-57.387	27.512	0.12
-57.375	26.702	0.05
-57.358	25.953	0.08
-57.303	25.139	0.16
-57.328	24.415	0.17
-57.334	23.647	0.16
-56.957	27.895	0.16
-56.986	27.108	0.08
-56.992	26.341	0.02
-56.957	25.549	0.10
-56.920	24.778	0.15
-56.932	23.243	0.15
-56.642	27.477	0.13
-56.605	26.706	0.02
-56.590	25.937	0.00
-56.554	25.166	0.11
-56.540	24.376	0.14
-56.545	23.629	0.12
-56.169	27.857	0.16
-56.195	27.111	0.08
-56.204	26.302	-0.03

-56.146	25.530	0.01
-56.152	24.762	0.11
-56.116	23.992	0.11
-56.143	23.225	0.11
-55.809	27.477	0.13
-55.730	26.703	0.01
-55.803	25.878	-0.08
-55.743	25.147	0.04
-55.750	24.359	0.09
-55.819	23.616	0.09
-55.445	27.823	0.16
-55.407	27.073	0.08
-55.369	26.323	-0.06
-55.377	25.534	-0.10
-55.319	24.762	0.05
-55.367	23.998	0.08
-55.372	23.251	0.08
-54.978	27.435	0.13
-55.004	26.690	0.03
-54.986	25.962	-0.14
-54.931	25.148	-0.08
-54.980	24.384	0.05
-54.987	23.595	0.06
-54.631	27.845	0.14
-54.595	27.074	0.09
-54.566	25.515	-0.20
-54.616	24.730	-0.02
-54.578	23.980	0.04
-54.585	23.192	0.05
-54.231	27.421	0.12
-54.215	26.672	0.03
-54.198	25.923	-0.18
-54.234	24.348	0.00
-54.172	23.638	0.02
-53.885	27.831	0.12
-53.847	27.080	0.09
-53.790	26.287	-0.07

-53.819	25.501	-0.26
-53.845	24.755	-0.13
-53.810	23.964	0.00
-53.817	23.175	0.02
-53.473	28.921	0.21
-53.437	28.150	0.11
-53.440	27.424	0.09
-53.424	26.675	0.03
-53.411	25.864	-0.19
-53.416	25.117	-0.29
-53.443	24.351	-0.08
-53.407	23.581	-0.01
-53.060	29.367	0.35
-53.047	28.577	0.18
-53.053	27.810	0.08
-53.080	27.044	0.07
-53.086	26.276	-0.05
-61.000	21.820	0.23
-60.458	21.278	0.21
-59.889	20.709	0.19
-59.320	20.140	0.18
-58.779	19.598	0.18
-58.210	19.029	0.17
-57.641	18.460	0.16
-57.072	17.891	0.14
-61.000	22.415	0.24
-60.431	21.847	0.22
-59.862	21.278	0.21
-59.320	20.736	0.19
-58.752	20.167	0.18
-57.614	19.029	0.16
-57.072	18.487	0.15
-56.503	17.919	0.13
-60.431	22.388	0.23
-59.889	21.847	0.21
-59.320	21.278	0.20
-58.752	20.709	0.19

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-57.641	19.598	0.17
-57.072	19.029	0.15
-56.503	18.460	0.14
-60.458	22.957	0.24
-59.889	22.388	0.22
-58.779	21.278	0.19
-58.210	20.709	0.18
-57.641	20.140	0.18
-56.530	19.029	0.14
-55.961	18.460	0.13
-59.889	22.930	0.23
-59.348	22.388	0.21
-58.779	21.820	0.20
-58.210	21.251	0.18
-57.668	20.709	0.18
-57.099	20.140	0.16
-56.530	19.571	0.15
-55.961	19.002	0.14
-59.916	23.553	0.24
-59.320	22.957	0.22
-58.752	22.388	0.20
-58.210	21.847	0.19
-57.614	21.251	0.18
-57.072	20.709	0.17
-56.503	20.140	0.16
-55.961	19.598	0.14
-55.392	19.029	0.13
-59.320	23.499	0.22
-58.779	22.957	0.20
-58.210	22.388	0.19
-57.720	21.951	0.18
-57.140	21.357	0.17
-56.615	20.825	0.16
-55.961	20.140	0.15
-55.392	19.571	0.14
-59.348	24.068	0.23

-58.779	23.499	0.21
-58.338	22.975	0.19
-57.748	22.499	0.18
-57.196	21.937	0.17
-56.644	21.374	0.16
-56.094	20.782	0.15
-55.419	20.140	0.14
-54.878	19.598	0.12
-58.779	24.041	0.21
-58.316	23.595	0.19
-57.747	23.047	0.17
-57.168	22.453	0.17
-56.615	21.890	0.16
-56.074	21.373	0.15
-54.851	20.113	0.12
-58.268	24.155	0.19
-57.735	23.549	0.18
-56.042	22.465	0.14
-55.516	22.481	0.12
-54.923	21.872	0.12
-54.345	21.441	0.12
-53.809	20.864	0.11
-54.871	22.490	0.10
-54.376	21.960	0.11
-53.837	21.413	0.11
-54.345	22.506	0.09
-53.827	21.886	0.10
-53.268	21.412	0.10
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-53.267	21.959	0.09
-53.219	22.518	0.04
-52.697	21.957	0.07
-53.221	23.036	-0.01
-52.744	22.463	0.03
-56.602	26.845	0.05
-56.007	26.265	-0.03
-55.454	25.702	-0.11

-54.897	25.198	-0.09
-54.340	24.695	-0.05
-53.788	24.132	-0.02
-53.201	23.627	-0.02
-52.695	23.052	-0.03
-52.170	22.520	0.01
-55.989	26.826	0.05
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-52.618	30.709	0.44
-52.050	30.160	0.44
-51.585	29.632	0.44
-50.943	29.064	0.43
-50.391	28.502	0.43
-49.882	27.956	0.43
-49.330	27.394	0.43
-48.745	26.859	0.37
-48.193	26.296	0.32
-52.111	30.681	0.40
-51.510	30.160	0.40
-50.914	29.580	0.40
-50.373	29.063	0.41
-49.854	28.472	0.41
-49.285	27.924	0.43
-48.744	27.406	0.42
-48.132	26.840	0.39
-52.080	31.227	0.44
-51.449	30.704	0.44
-50.975	30.101	0.44
-50.386	29.626	0.43
-49.836	29.034	0.44
-49.392	28.432	0.44
-48.759	27.939	0.43
-48.218	27.422	0.42
-47.650	26.873	0.40
-51.508	31.255	0.40
-50.944	30.647	0.43
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-49.849	29.596	0.43
-49.315	28.990	0.43
-48.742	28.500	0.43
-48.236	27.926	0.43
-47.624	27.360	0.42
-51.517	31.847	0.43
-50.940	31.224	0.43
-50.386	30.690	0.40
-49.842	30.202	0.43
-49.279	29.595	0.43
-48.786	29.036	0.43
-48.205	28.471	0.43
-47.634	27.952	0.42
-47.076	27.346	0.42
-50.969	31.772	0.43
-50.399	31.253	0.43
-49.879	30.662	0.43
-49.297	30.098	0.41
-48.190	29.003	0.42
-47.646	28.515	0.42
-47.067	27.921	0.42
-51.023	32.382	0.43
-50.446	31.759	0.43
-49.845	31.238	0.42
-49.304	30.720	0.43
-48.738	30.142	0.42
-48.199	29.595	0.42
-47.077	28.513	0.41
-46.534	27.888	0.41
-50.398	32.318	0.42
-49.887	31.802	0.42
-49.276	31.236	0.42
-48.769	30.661	0.42
-48.184	30.127	0.42
-47.600	29.592	0.41
-47.122	29.048	0.41
-46.523	28.498	0.41

-50.462	32.953	0.41
-49.827	32.346	0.41
-49.291	31.769	0.41
-48.749	31.252	0.41
-48.153	30.672	0.41
-47.599	30.139	0.41
-47.074	29.607	0.41
-46.552	29.046	0.41
-45.965	28.456	0.40
-49.893	32.926	0.40
-49.346	32.349	0.41
-48.762	31.815	0.41
-48.166	31.235	0.41
-47.644	30.674	0.41
-47.078	30.096	0.41
-46.534	29.567	0.40
-45.965	28.998	0.41
-49.920	33.495	0.39
-49.351	32.926	0.39
-48.783	32.357	0.40
-48.241	31.816	0.39
-47.672	31.247	0.40
-47.103	30.678	0.40
-46.534	30.109	0.40
-45.992	29.567	0.39
-45.423	28.998	0.39
-49.351	33.468	0.39
-48.241	32.357	0.39
-47.672	31.734	0.39
-47.103	31.220	0.39
-46.561	30.678	0.39
-45.992	30.109	0.39
-45.423	29.540	0.39
-49.351	34.064	0.39
-48.783	33.495	0.38
-48.214	32.926	0.38
-47.672	32.385	0.41

-47.103	31.816	0.40
-46.534	31.247	0.38
-45.965	30.678	0.38
-45.423	30.136	0.38
-44.854	29.567	0.38
-48.783	34.037	0.38
-48.241	33.495	0.38
-47.672	32.926	0.37
-47.076	32.330	0.37
-46.588	31.843	0.37
-45.992	31.247	0.37
-45.423	30.678	0.37
-44.827	30.082	0.37
-48.810	34.606	0.39
-48.241	34.037	0.38
-47.672	33.468	0.37
-47.130	32.926	0.38
-46.561	32.357	0.36
-45.992	31.789	0.34
-45.423	31.220	0.36
-44.909	30.705	0.36
-44.313	30.109	0.36
-48.241	34.579	0.39
-47.699	34.037	0.38
-47.130	33.468	0.37
-46.534	32.872	0.37
-45.450	31.789	0.35
-44.882	31.220	0.35
-44.313	30.651	0.35
-48.268	35.148	0.40
-47.672	34.606	0.40
-47.130	34.010	0.39
-46.588	33.468	0.38
-46.019	32.899	0.37
-45.450	32.330	0.36
-44.882	31.761	0.35
-43.771	30.651	0.34

-51.407	35.973	0.40
-52.212	35.973	0.39
-53.016	35.973	0.40
-53.782	35.973	0.40
-54.587	35.973	0.40
-55.391	35.973	0.41
-56.196	35.973	0.41
-50.220	35.552	0.40
-51.024	35.552	0.39
-52.595	35.552	0.40
-53.399	35.552	0.40
-54.204	35.552	0.42
-55.008	35.552	0.41
-55.775	35.552	0.42
-56.579	35.552	0.42
-50.641	35.169	0.39
-51.407	35.169	0.39
-52.212	35.169	0.39
-53.782	35.169	0.41
-54.587	35.169	0.42
-55.391	35.169	0.42
-56.196	35.169	0.43
-50.220	34.786	0.39
-51.024	34.786	0.39
-51.829	34.786	0.40
-52.595	34.786	0.40
-53.399	34.786	0.41
-55.008	34.786	0.42
-55.775	34.786	0.43
-56.579	34.786	0.43
-50.641	34.403	0.39
-51.407	34.403	0.39
-52.212	34.403	0.41
-53.016	34.403	0.41
-54.587	34.403	0.43
-55.391	34.403	0.43
-56.196	34.403	0.43

-50.181	33.981	0.39
-51.024	33.981	0.40
-51.829	33.981	0.41
-52.595	33.981	0.42
-53.438	33.981	0.43
-54.204	33.981	0.43
-55.775	33.981	0.43
-56.579	33.981	0.43
-50.641	33.598	0.40
-51.407	33.598	0.41
-52.212	33.598	0.42
-52.868	33.561	0.43
-53.697	33.571	0.43
-54.444	33.576	0.43
-55.391	33.598	0.43
-50.220	33.215	0.40
-51.024	33.215	0.41
-51.706	33.274	0.42
-52.459	33.193	0.43
-53.248	33.201	0.44
-54.036	33.208	0.44
-54.843	33.238	0.43
-55.775	33.215	0.43
-56.541	33.215	0.43
-51.283	32.819	0.43
-52.073	32.806	0.43
-52.903	32.816	0.44
-53.691	32.823	0.44
-54.440	32.806	0.44
-55.190	32.769	0.44
-56.196	32.832	0.43
-50.220	32.449	0.42
-50.921	32.391	0.43
-52.515	32.449	0.44
-53.267	32.390	0.44
-54.055	32.397	0.44
-54.782	32.401	0.44

-55.611	32.411	0.44
-56.579	32.449	0.43
-50.553	32.047	0.42
-52.134	31.998	0.44
-52.919	32.047	0.44
-53.690	32.011	0.44
-54.453	32.081	0.44
-55.227	32.002	0.44
-55.996	31.987	0.44
-50.220	31.644	0.43
-50.955	31.666	0.43
-51.745	31.652	0.42
-53.282	31.643	0.44
-54.051	31.628	0.44
-54.901	31.639	0.44
-55.615	31.535	0.41
-56.401	31.564	0.37
-50.613	31.239	0.43
-51.379	31.266	0.44
-52.128	31.249	0.44
-52.938	31.237	0.44
-54.501	31.165	0.43
-55.225	31.190	0.40
-55.993	31.196	0.35
-50.227	30.851	0.43
-50.981	30.770	0.43
-51.745	30.819	0.44
-52.532	30.848	0.44
-53.299	30.854	0.44
-54.091	30.819	0.42
-55.666	30.855	0.32
-56.397	30.794	0.29
-50.590	30.447	0.44
-51.373	30.518	0.44
-52.163	30.504	0.44
-52.934	30.467	0.44
-53.703	30.452	0.42

-54.474	30.416	0.37
-55.264	30.402	0.30
-50.181	30.079	0.43
-51.014	30.046	0.44
-51.783	30.031	0.44
-52.529	30.057	0.44
-53.338	30.066	0.41
-54.110	30.008	0.34
-54.878	30.014	0.26
-56.415	30.005	0.24
-50.646	29.702	0.44
-51.435	29.688	0.44
-52.163	29.671	0.43
-52.937	29.592	0.40
-53.762	29.665	0.33
-54.493	29.605	0.23
-55.282	29.612	0.20
-56.024	29.681	0.22
-51.029	29.299	0.44
-51.817	29.307	0.43
-52.567	29.269	0.39
-54.969	22.990	0.07
-55.718	22.974	0.11
-56.508	22.960	0.15
-54.585	22.581	0.09
-55.349	22.630	0.11
-56.182	22.597	0.15
-54.985	22.223	0.12
-55.756	22.186	0.15
-56.579	22.220	0.17
-54.620	21.836	0.13
-55.349	21.797	0.15
-56.179	21.807	0.16
-55.753	21.395	0.16
-56.579	21.454	0.17
-55.747	20.647	0.16
-56.579	20.649	0.17

-55.775	19.883	0.16
-56.579	19.883	0.17
-56.196	19.500	0.16
-55.775	19.078	0.15
-56.579	19.078	0.16
-54.587	18.695	0.11
-55.391	18.695	0.13
-56.234	18.695	0.14
-55.008	18.312	0.12
-55.736	18.312	0.13
-56.579	18.312	0.14
-54.587	17.929	0.11
-55.391	17.929	0.12
-56.196	17.929	0.13
-56.579	17.546	0.13