

	Without NH4: 0 minute					Without NH4: 5th minute			
	A0-1	A0-2	A0-3	A0-4	A0-5	A5-1	A5-2	A5-3	A5-4
904	0,128153	0,127645	0,127917	0,128909	0,128391	0,121574	0,124483	0,120835	0,120836
905	0,127145	0,126641	0,126874	0,127883	0,12736	0,120568	0,123446	0,119817	0,119831
906	0,126137	0,125638	0,125832	0,126857	0,126328	0,119562	0,122409	0,118799	0,118826
907	0,125128	0,124635	0,12479	0,125832	0,125297	0,118557	0,121372	0,11778	0,117822
908	0,12412	0,123632	0,123748	0,124806	0,124265	0,117551	0,120335	0,116762	0,116817
909	0,123112	0,122628	0,122706	0,12378	0,123234	0,116545	0,119298	0,115744	0,115812
910	0,122186	0,121704	0,121754	0,122842	0,122289	0,115628	0,118358	0,114817	0,114895
911	0,121661	0,12116	0,121235	0,122328	0,121761	0,115142	0,117889	0,114335	0,114395
912	0,121135	0,120615	0,120716	0,121814	0,121234	0,114655	0,11742	0,113852	0,113895
913	0,120609	0,120071	0,120197	0,121299	0,120706	0,114169	0,11695	0,11337	0,113395
914	0,120083	0,119527	0,119678	0,120785	0,120179	0,113682	0,116481	0,112887	0,112895
915	0,119557	0,118982	0,119159	0,120271	0,119652	0,113196	0,116012	0,112405	0,112395
916	0,119031	0,118438	0,11864	0,119757	0,119124	0,112709	0,115542	0,111922	0,111895
917	0,118961	0,118369	0,118567	0,119689	0,119054	0,112659	0,115486	0,111864	0,111844
918	0,118957	0,11837	0,118558	0,119687	0,11905	0,112673	0,115489	0,111867	0,111859
919	0,118953	0,11837	0,11855	0,119684	0,119046	0,112686	0,115492	0,111871	0,111874
920	0,118949	0,11837	0,118542	0,119682	0,119042	0,1127	0,115496	0,111874	0,111888
921	0,118945	0,118371	0,118533	0,119679	0,119038	0,112713	0,115499	0,111877	0,111903
922	0,118941	0,118371	0,118525	0,119677	0,119034	0,112727	0,115503	0,111881	0,111918
923	0,112356	0,111786	0,111941	0,113098	0,112447	0,106167	0,108933	0,105307	0,105348
924	0,100887	0,100312	0,100476	0,101637	0,100973	0,09473	0,097486	0,093852	0,09389
925	0,089419	0,088838	0,089011	0,090176	0,089499	0,083292	0,086038	0,082397	0,082432
926	0,07795	0,077364	0,077546	0,078715	0,078025	0,071854	0,074591	0,070942	0,070974
927	0,066481	0,06589	0,066082	0,067254	0,066551	0,060416	0,063143	0,059487	0,059517
928	0,055012	0,054416	0,054617	0,055793	0,055077	0,048979	0,051695	0,048032	0,048059
929	0,044659	0,044085	0,044283	0,045411	0,044717	0,03891	0,041501	0,037993	0,038017
930	0,037245	0,036767	0,036932	0,037873	0,037294	0,032451	0,034612	0,031686	0,031706
931	0,029832	0,029449	0,029581	0,030334	0,029871	0,025992	0,027723	0,025379	0,025395
932	0,022418	0,02213	0,02223	0,022796	0,022448	0,019533	0,020833	0,019072	0,019084
933	0,015005	0,014812	0,014879	0,015258	0,015024	0,013073	0,013944	0,012765	0,012773
934	0,007591	0,007494	0,007527	0,007719	0,007601	0,006614	0,007055	0,006458	0,006462

[illegible]

996	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07
997	1,06E-07	1,06E-07	1,06E-07	1,06E-07	1,06E-07	1,06E-07	1,06E-07	1,06E-07	1,06E-07
998	9,68E-08	9,68E-08	9,68E-08	9,68E-08	9,68E-08	9,68E-08	9,68E-08	9,68E-08	9,68E-08
999	7,04E-08	7,04E-08	7,04E-08	7,04E-08	7,04E-08	7,04E-08	7,04E-08	7,04E-08	7,04E-08
1000	4,40E-08	4,40E-08	4,40E-08	4,40E-08	4,40E-08	4,40E-08	4,40E-08	4,40E-08	4,40E-08
1001	1,75E-08	1,75E-08	1,75E-08	1,75E-08	1,75E-08	1,75E-08	1,75E-08	1,75E-08	1,75E-08
1002	-8,87E-09	-8,87E-09	-8,87E-09	-8,87E-09	-8,87E-09	-8,87E-09	-8,87E-09	-8,87E-09	-8,87E-09
1003	-3,53E-08	-3,53E-08	-3,53E-08	-3,53E-08	-3,53E-08	-3,53E-08	-3,53E-08	-3,53E-08	-3,53E-08
1004	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08
1005	-3,56E-08	-3,56E-08	-3,56E-08	-3,56E-08	-3,56E-08	-3,56E-08	-3,56E-08	-3,56E-08	-3,56E-08
1006	1,14E-08	1,14E-08	1,14E-08	1,14E-08	1,14E-08	1,14E-08	1,14E-08	1,14E-08	1,14E-08
1007	5,84E-08	5,84E-08	5,84E-08	5,84E-08	5,84E-08	5,84E-08	5,84E-08	5,84E-08	5,84E-08
1008	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07
1009	1,52E-07	1,52E-07	1,52E-07	1,52E-07	1,52E-07	1,52E-07	1,52E-07	1,52E-07	1,52E-07
1010	1,99E-07	1,99E-07	1,99E-07	1,99E-07	1,99E-07	1,99E-07	1,99E-07	1,99E-07	1,99E-07
1011	2,12E-07	2,12E-07	2,12E-07	2,12E-07	2,12E-07	2,12E-07	2,12E-07	2,12E-07	2,12E-07
1012	1,77E-07	1,77E-07	1,77E-07	1,77E-07	1,77E-07	1,77E-07	1,77E-07	1,77E-07	1,77E-07
1013	1,42E-07	1,42E-07	1,42E-07	1,42E-07	1,42E-07	1,42E-07	1,42E-07	1,42E-07	1,42E-07
1014	1,08E-07	1,08E-07	1,08E-07	1,08E-07	1,08E-07	1,08E-07	1,08E-07	1,08E-07	1,08E-07
1015	7,28E-08	7,28E-08	7,28E-08	7,28E-08	7,28E-08	7,28E-08	7,28E-08	7,28E-08	7,28E-08
1016	3,80E-08	3,80E-08	3,80E-08	3,80E-08	3,80E-08	3,80E-08	3,80E-08	3,80E-08	3,80E-08
1017	5,09E-09	5,09E-09	5,09E-09	5,09E-09	5,09E-09	5,09E-09	5,09E-09	5,09E-09	5,09E-09
1018	-1,51E-08	-1,51E-08	-1,51E-08	-1,51E-08	-1,51E-08	-1,51E-08	-1,51E-08	-1,51E-08	-1,51E-08
1019	-3,53E-08	-3,53E-08	-3,53E-08	-3,53E-08	-3,53E-08	-3,53E-08	-3,53E-08	-3,53E-08	-3,53E-08
1020	-5,55E-08	-5,55E-08	-5,55E-08	-5,55E-08	-5,55E-08	-5,55E-08	-5,55E-08	-5,55E-08	-5,55E-08
1021	-7,57E-08	-7,57E-08	-7,57E-08	-7,57E-08	-7,57E-08	-7,57E-08	-7,57E-08	-7,57E-08	-7,57E-08
1022	-9,59E-08	-9,59E-08	-9,59E-08	-9,59E-08	-9,59E-08	-9,59E-08	-9,59E-08	-9,59E-08	-9,59E-08
1023	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07
1024	-8,37E-08	-8,37E-08	-8,37E-08	-8,37E-08	-8,37E-08	-8,37E-08	-8,37E-08	-8,37E-08	-8,37E-08
1025	-4,08E-08	-4,08E-08	-4,08E-08	-4,08E-08	-4,08E-08	-4,08E-08	-4,08E-08	-4,08E-08	-4,08E-08
1026	2,18E-09	2,18E-09	2,18E-09	2,18E-09	2,18E-09	2,18E-09	2,18E-09	2,18E-09	2,18E-09
1027	4,51E-08	4,51E-08	4,51E-08	4,51E-08	4,5				

1043	4,05E-08	4,05E-08	4,05E-08	4,05E-08	4,05E-08	4,05E-08	4,05E-08	4,05E-08	4,05E-08
1044	1,37E-08	1,37E-08	1,37E-08	1,37E-08	1,37E-08	1,37E-08	1,37E-08	1,37E-08	1,37E-08
1045	-1,32E-08	-1,32E-08	-1,32E-08	-1,32E-08	-1,32E-08	-1,32E-08	-1,32E-08	-1,32E-08	-1,32E-08
1046	-4,01E-08	-4,01E-08	-4,01E-08	-4,01E-08	-4,01E-08	-4,01E-08	-4,01E-08	-4,01E-08	-4,01E-08
1047	-6,69E-08	-6,69E-08	-6,69E-08	-6,69E-08	-6,69E-08	-6,69E-08	-6,69E-08	-6,69E-08	-6,69E-08
1048	-9,38E-08	-9,38E-08	-9,38E-08	-9,38E-08	-9,38E-08	-9,38E-08	-9,38E-08	-9,38E-08	-9,38E-08
1049	-1,06E-07	-1,06E-07	-1,06E-07	-1,06E-07	-1,06E-07	-1,06E-07	-1,06E-07	-1,06E-07	-1,06E-07
1050	-1,11E-07	-1,11E-07	-1,11E-07	-1,11E-07	-1,11E-07	-1,11E-07	-1,11E-07	-1,11E-07	-1,11E-07
1051	-1,17E-07	-1,17E-07	-1,17E-07	-1,17E-07	-1,17E-07	-1,17E-07	-1,17E-07	-1,17E-07	-1,17E-07
1052	-1,22E-07	-1,22E-07	-1,22E-07	-1,22E-07	-1,22E-07	-1,22E-07	-1,22E-07	-1,22E-07	-1,22E-07
1053	-1,27E-07	-1,27E-07	-1,27E-07	-1,27E-07	-1,27E-07	-1,27E-07	-1,27E-07	-1,27E-07	-1,27E-07
1054	-1,32E-07	-1,32E-07	-1,32E-07	-1,32E-07	-1,32E-07	-1,32E-07	-1,32E-07	-1,32E-07	-1,32E-07
1055	-1,22E-07	-1,22E-07	-1,22E-07	-1,22E-07	-1,22E-07	-1,22E-07	-1,22E-07	-1,22E-07	-1,22E-07
1056	-8,62E-08	-8,62E-08	-8,62E-08	-8,62E-08	-8,62E-08	-8,62E-08	-8,62E-08	-8,62E-08	-8,62E-08
1057	-5,03E-08	-5,03E-08	-5,03E-08	-5,03E-08	-5,03E-08	-5,03E-08	-5,03E-08	-5,03E-08	-5,03E-08
1058	-1,44E-08	-1,44E-08	-1,44E-08	-1,44E-08	-1,44E-08	-1,44E-08	-1,44E-08	-1,44E-08	-1,44E-08
1059	2,15E-08	2,15E-08	2,15E-08	2,15E-08	2,15E-08	2,15E-08	2,15E-08	2,15E-08	2,15E-08
1060	5,75E-08	5,75E-08	5,75E-08	5,75E-08	5,75E-08	5,75E-08	5,75E-08	5,75E-08	5,75E-08
1061	8,92E-08	8,92E-08	8,92E-08	8,92E-08	8,92E-08	8,92E-08	8,92E-08	8,92E-08	8,92E-08
1062	7,40E-08	7,40E-08	7,40E-08	7,40E-08	7,40E-08	7,40E-08	7,40E-08	7,40E-08	7,40E-08
1063	5,88E-08	5,88E-08	5,88E-08	5,88E-08	5,88E-08	5,88E-08	5,88E-08	5,88E-08	5,88E-08
1064	4,36E-08	4,36E-08	4,36E-08	4,36E-08	4,36E-08	4,36E-08	4,36E-08	4,36E-08	4,36E-08
1065	2,84E-08	2,84E-08	2,84E-08	2,84E-08	2,84E-08	2,84E-08	2,84E-08	2,84E-08	2,84E-08
1066	1,32E-08	1,32E-08	1,32E-08	1,32E-08	1,32E-08	1,32E-08	1,32E-08	1,32E-08	1,32E-08
1067	-1,95E-09	-1,95E-09	-1,95E-09	-1,95E-09	-1,95E-09	-1,95E-09	-1,95E-09	-1,95E-09	-1,95E-09
1068	-1,44E-08	-1,44E-08	-1,44E-08	-1,44E-08	-1,44E-08	-1,44E-08	-1,44E-08	-1,44E-08	-1,44E-08
1069	-2,62E-08	-2,62E-08	-2,62E-08	-2,62E-08	-2,62E-08	-2,62E-08	-2,62E-08	-2,62E-08	-2,62E-08
1070	-3,80E-08	-3,80E-08	-3,80E-08	-3,80E-08	-3,80E-08	-3,80E-08	-3,80E-08	-3,80E-08	-3,80E-08
1071	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08
1072	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08
1073	-7,33E-08	-7,33E-08	-7,33E-08	-7,33E-08	-7,33E-08	-7,33E-08	-7,33E-08	-7,33E-08	-7,33E-08
1074	-8,12E-08	-8,12E-08	-8,12E-08	-8,12E-08					

1090	-1,01E-08	-1,01E-08	-1,01E-08	-1,01E-08	-1,01E-08	-1,01E-08	-1,01E-08	-1,01E-08	-1,01E-08
1091	-5,07E-08	-5,07E-08	-5,07E-08	-5,07E-08	-5,07E-08	-5,07E-08	-5,07E-08	-5,07E-08	-5,07E-08
1092	-9,13E-08	-9,13E-08	-9,13E-08	-9,13E-08	-9,13E-08	-9,13E-08	-9,13E-08	-9,13E-08	-9,13E-08
1093	-8,24E-08	-8,24E-08	-8,24E-08	-8,24E-08	-8,24E-08	-8,24E-08	-8,24E-08	-8,24E-08	-8,24E-08
1094	-4,47E-08	-4,47E-08	-4,47E-08	-4,47E-08	-4,47E-08	-4,47E-08	-4,47E-08	-4,47E-08	-4,47E-08
1095	-6,98E-09	-6,98E-09	-6,98E-09	-6,98E-09	-6,98E-09	-6,98E-09	-6,98E-09	-6,98E-09	-6,98E-09
1096	3,07E-08	3,07E-08	3,07E-08	3,07E-08	3,07E-08	3,07E-08	3,07E-08	3,07E-08	3,07E-08
1097	6,85E-08	6,85E-08	6,85E-08	6,85E-08	6,85E-08	6,85E-08	6,85E-08	6,85E-08	6,85E-08
1098	1,06E-07	1,06E-07	1,06E-07	1,06E-07	1,06E-07	1,06E-07	1,06E-07	1,06E-07	1,06E-07
1099	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07
1100	7,74E-08	7,74E-08	7,74E-08	7,74E-08	7,74E-08	7,74E-08	7,74E-08	7,74E-08	7,74E-08
1101	3,76E-08	3,76E-08	3,76E-08	3,76E-08	3,76E-08	3,76E-08	3,76E-08	3,76E-08	3,76E-08
1102	-2,27E-09	-2,27E-09	-2,27E-09	-2,27E-09	-2,27E-09	-2,27E-09	-2,27E-09	-2,27E-09	-2,27E-09
1103	-4,21E-08	-4,21E-08	-4,21E-08	-4,21E-08	-4,21E-08	-4,21E-08	-4,21E-08	-4,21E-08	-4,21E-08
1104	-8,19E-08	-8,19E-08	-8,19E-08	-8,19E-08	-8,19E-08	-8,19E-08	-8,19E-08	-8,19E-08	-8,19E-08
1105	-1,19E-07	-1,19E-07	-1,19E-07	-1,19E-07	-1,19E-07	-1,19E-07	-1,19E-07	-1,19E-07	-1,19E-07
1106	-1,19E-07	-1,19E-07	-1,19E-07	-1,19E-07	-1,19E-07	-1,19E-07	-1,19E-07	-1,19E-07	-1,19E-07
1107	-1,18E-07	-1,18E-07	-1,18E-07	-1,18E-07	-1,18E-07	-1,18E-07	-1,18E-07	-1,18E-07	-1,18E-07
1108	-1,17E-07	-1,17E-07	-1,17E-07	-1,17E-07	-1,17E-07	-1,17E-07	-1,17E-07	-1,17E-07	-1,17E-07
1109	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07
1110	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07	-1,16E-07
1111	-1,15E-07	-1,15E-07	-1,15E-07	-1,15E-07	-1,15E-07	-1,15E-07	-1,15E-07	-1,15E-07	-1,15E-07
1112	-1,27E-07	-1,27E-07	-1,27E-07	-1,27E-07	-1,27E-07	-1,27E-07	-1,27E-07	-1,27E-07	-1,27E-07
1113	-1,44E-07	-1,44E-07	-1,44E-07	-1,44E-07	-1,44E-07	-1,44E-07	-1,44E-07	-1,44E-07	-1,44E-07
1114	-1,60E-07	-1,60E-07	-1,60E-07	-1,60E-07	-1,60E-07	-1,60E-07	-1,60E-07	-1,60E-07	-1,60E-07
1115	-1,77E-07	-1,77E-07	-1,77E-07	-1,77E-07	-1,77E-07	-1,77E-07	-1,77E-07	-1,77E-07	-1,77E-07
1116	-1,93E-07	-1,93E-07	-1,93E-07	-1,93E-07	-1,93E-07	-1,93E-07	-1,93E-07	-1,93E-07	-1,93E-07
1117	-2,09E-07	-2,09E-07	-2,09E-07	-2,09E-07	-2,09E-07	-2,09E-07	-2,09E-07	-2,09E-07	-2,09E-07
1118	-2,08E-07	-2,08E-07	-2,08E-07	-2,08E-07	-2,08E-07	-2,08E-07	-2,08E-07	-2,08E-07	-2,08E-07
1119	-1,89E-07	-1,89E-07	-1,89E-07	-1,89E-07	-1,89E-07	-1,89E-07	-1,89E-07	-1,89E-07	-1,89E-07
1120	-1,69E-07	-1,69E-07	-1,69E-07	-1,69E-07	-1,69E-07	-1,69E-07	-1,69E-07	-1,69E-07	-1,69E-07
1121	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07					

1137	-1,32E-07	-1,32E-07	-1,32E-07	-1,32E-07	-1,32E-07	-1,32E-07	-1,32E-07	-1,32E-07	-1,32E-07
1138	-8,96E-08	-8,96E-08	-8,96E-08	-8,96E-08	-8,96E-08	-8,96E-08	-8,96E-08	-8,96E-08	-8,96E-08
1139	-4,74E-08	-4,74E-08	-4,74E-08	-4,74E-08	-4,74E-08	-4,74E-08	-4,74E-08	-4,74E-08	-4,74E-08
1140	-5,26E-09	-5,26E-09	-5,26E-09	-5,26E-09	-5,26E-09	-5,26E-09	-5,26E-09	-5,26E-09	-5,26E-09
1141	3,69E-08	3,69E-08	3,69E-08	3,69E-08	3,69E-08	3,69E-08	3,69E-08	3,69E-08	3,69E-08
1142	7,91E-08	7,91E-08	7,91E-08	7,91E-08	7,91E-08	7,91E-08	7,91E-08	7,91E-08	7,91E-08
1143	1,11E-07	1,11E-07	1,11E-07	1,11E-07	1,11E-07	1,11E-07	1,11E-07	1,11E-07	1,11E-07
1144	1,21E-07	1,21E-07	1,21E-07	1,21E-07	1,21E-07	1,21E-07	1,21E-07	1,21E-07	1,21E-07
1145	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07
1146	1,43E-07	1,43E-07	1,43E-07	1,43E-07	1,43E-07	1,43E-07	1,43E-07	1,43E-07	1,43E-07
1147	1,54E-07	1,54E-07	1,54E-07	1,54E-07	1,54E-07	1,54E-07	1,54E-07	1,54E-07	1,54E-07
1148	1,65E-07	1,65E-07	1,65E-07	1,65E-07	1,65E-07	1,65E-07	1,65E-07	1,65E-07	1,65E-07
1149	1,75E-07	1,75E-07	1,75E-07	1,75E-07	1,75E-07	1,75E-07	1,75E-07	1,75E-07	1,75E-07
1150	1,67E-07	1,67E-07	1,67E-07	1,67E-07	1,67E-07	1,67E-07	1,67E-07	1,67E-07	1,67E-07
1151	1,60E-07	1,60E-07	1,60E-07	1,60E-07	1,60E-07	1,60E-07	1,60E-07	1,60E-07	1,60E-07
1152	1,52E-07	1,52E-07	1,52E-07	1,52E-07	1,52E-07	1,52E-07	1,52E-07	1,52E-07	1,52E-07
1153	1,45E-07	1,45E-07	1,45E-07	1,45E-07	1,45E-07	1,45E-07	1,45E-07	1,45E-07	1,45E-07
1154	1,37E-07	1,37E-07	1,37E-07	1,37E-07	1,37E-07	1,37E-07	1,37E-07	1,37E-07	1,37E-07
1155	1,30E-07	1,30E-07	1,30E-07	1,30E-07	1,30E-07	1,30E-07	1,30E-07	1,30E-07	1,30E-07
1156	8,46E-08	8,46E-08	8,46E-08	8,46E-08	8,46E-08	8,46E-08	8,46E-08	8,46E-08	8,46E-08
1157	2,83E-08	2,83E-08	2,83E-08	2,83E-08	2,83E-08	2,83E-08	2,83E-08	2,83E-08	2,83E-08
1158	-2,80E-08	-2,80E-08	-2,80E-08	-2,80E-08	-2,80E-08	-2,80E-08	-2,80E-08	-2,80E-08	-2,80E-08
1159	-8,43E-08	-8,43E-08	-8,43E-08	-8,43E-08	-8,43E-08	-8,43E-08	-8,43E-08	-8,43E-08	-8,43E-08
1160	-1,41E-07	-1,41E-07	-1,41E-07	-1,41E-07	-1,41E-07	-1,41E-07	-1,41E-07	-1,41E-07	-1,41E-07
1161	-1,97E-07	-1,97E-07	-1,97E-07	-1,97E-07	-1,97E-07	-1,97E-07	-1,97E-07	-1,97E-07	-1,97E-07
1162	-2,17E-07	-2,17E-07	-2,17E-07	-2,17E-07	-2,17E-07	-2,17E-07	-2,17E-07	-2,17E-07	-2,17E-07
1163	-1,97E-07	-1,97E-07	-1,97E-07	-1,97E-07	-1,97E-07	-1,97E-07	-1,97E-07	-1,97E-07	-1,97E-07
1164	-1,78E-07	-1,78E-07	-1,78E-07	-1,78E-07	-1,78E-07	-1,78E-07	-1,78E-07	-1,78E-07	-1,78E-07
1165	-1,59E-07	-1,59E-07	-1,59E-07	-1,59E-07	-1,59E-07	-1,59E-07	-1,59E-07	-1,59E-07	-1,59E-07
1166	-1,40E-07	-1,40E-07	-1,40E-07	-1,40E-07	-1,40E-07	-1,40E-07	-1,40E-07	-1,40E-07	-1,40E-07
1167	-1,20E-07	-1,20E-07	-1,20E-07	-1,20E-07	-1,20E-07	-1,20E-07	-1,20E-07	-1,20E-07	-1,20E-07
1168	-1,04E-07	-1,04E-07	-1,04E-07	-1,04E-07					

1184	-1,01E-07	-1,01E-07	-1,01E-07	-1,01E-07	-1,01E-07	-1,01E-07	-1,01E-07	-1,01E-07	-1,01E-07
1185	-7,13E-08	-7,13E-08	-7,13E-08	-7,13E-08	-7,13E-08	-7,13E-08	-7,13E-08	-7,13E-08	-7,13E-08
1186	-4,11E-08	-4,11E-08	-4,11E-08	-4,11E-08	-4,11E-08	-4,11E-08	-4,11E-08	-4,11E-08	-4,11E-08
1187	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08
1188	1,39E-08	1,39E-08	1,39E-08	1,39E-08	1,39E-08	1,39E-08	1,39E-08	1,39E-08	1,39E-08
1189	4,00E-08	4,00E-08	4,00E-08	4,00E-08	4,00E-08	4,00E-08	4,00E-08	4,00E-08	4,00E-08
1190	6,62E-08	6,62E-08	6,62E-08	6,62E-08	6,62E-08	6,62E-08	6,62E-08	6,62E-08	6,62E-08
1191	9,24E-08	9,24E-08	9,24E-08	9,24E-08	9,24E-08	9,24E-08	9,24E-08	9,24E-08	9,24E-08
1192	1,19E-07	1,19E-07	1,19E-07	1,19E-07	1,19E-07	1,19E-07	1,19E-07	1,19E-07	1,19E-07
1193	1,38E-07	1,38E-07	1,38E-07	1,38E-07	1,38E-07	1,38E-07	1,38E-07	1,38E-07	1,38E-07
1194	8,13E-08	8,13E-08	8,13E-08	8,13E-08	8,13E-08	8,13E-08	8,13E-08	8,13E-08	8,13E-08
1195	2,43E-08	2,43E-08	2,43E-08	2,43E-08	2,43E-08	2,43E-08	2,43E-08	2,43E-08	2,43E-08
1196	-3,27E-08	-3,27E-08	-3,27E-08	-3,27E-08	-3,27E-08	-3,27E-08	-3,27E-08	-3,27E-08	-3,27E-08
1197	-8,97E-08	-8,97E-08	-8,97E-08	-8,97E-08	-8,97E-08	-8,97E-08	-8,97E-08	-8,97E-08	-8,97E-08
1198	-1,47E-07	-1,47E-07	-1,47E-07	-1,47E-07	-1,47E-07	-1,47E-07	-1,47E-07	-1,47E-07	-1,47E-07
1199	-2,04E-07	-2,04E-07	-2,04E-07	-2,04E-07	-2,04E-07	-2,04E-07	-2,04E-07	-2,04E-07	-2,04E-07
1200	-1,70E-07	-1,70E-07	-1,70E-07	-1,70E-07	-1,70E-07	-1,70E-07	-1,70E-07	-1,70E-07	-1,70E-07
1201	-1,13E-07	-1,13E-07	-1,13E-07	-1,13E-07	-1,13E-07	-1,13E-07	-1,13E-07	-1,13E-07	-1,13E-07
1202	-5,68E-08	-5,68E-08	-5,68E-08	-5,68E-08	-5,68E-08	-5,68E-08	-5,68E-08	-5,68E-08	-5,68E-08
1203	-1,76E-10	-1,76E-10	-1,76E-10	-1,76E-10	-1,76E-10	-1,76E-10	-1,76E-10	-1,76E-10	-1,76E-10
1204	5,65E-08	5,65E-08	5,65E-08	5,65E-08	5,65E-08	5,65E-08	5,65E-08	5,65E-08	5,65E-08
1205	1,13E-07	1,13E-07	1,13E-07	1,13E-07	1,13E-07	1,13E-07	1,13E-07	1,13E-07	1,13E-07
1206	1,13E-07	1,13E-07	1,13E-07	1,13E-07	1,13E-07	1,13E-07	1,13E-07	1,13E-07	1,13E-07
1207	5,94E-08	5,94E-08	5,94E-08	5,94E-08	5,94E-08	5,94E-08	5,94E-08	5,94E-08	5,94E-08
1208	5,90E-09	5,90E-09	5,90E-09	5,90E-09	5,90E-09	5,90E-09	5,90E-09	5,90E-09	5,90E-09
1209	-4,76E-08	-4,76E-08	-4,76E-08	-4,76E-08	-4,76E-08	-4,76E-08	-4,76E-08	-4,76E-08	-4,76E-08
1210	-1,01E-07	-1,01E-07	-1,01E-07	-1,01E-07	-1,01E-07	-1,01E-07	-1,01E-07	-1,01E-07	-1,01E-07
1211	-1,55E-07	-1,55E-07	-1,55E-07	-1,55E-07	-1,55E-07	-1,55E-07	-1,55E-07	-1,55E-07	-1,55E-07
1212	-1,86E-07	-1,86E-07	-1,86E-07	-1,86E-07	-1,86E-07	-1,86E-07	-1,86E-07	-1,86E-07	-1,86E-07
1213	-1,46E-07	-1,46E-07	-1,46E-07	-1,46E-07	-1,46E-07	-1,46E-07	-1,46E-07	-1,46E-07	-1,46E-07
1214	-1,06E-07	-1,06E-07	-1,06E-07	-1,06E-07	-1,06E-07	-1,06E-07	-1,06E-07	-1,06E-07	-1,06E-07
1215	-6,68E-08	-6,68E-08	-6,68E-08	-6,68E-08					

1231	-2,07E-07	-2,07E-07	-2,07E-07	-2,07E-07	-2,07E-07	-2,07E-07	-2,07E-07	-2,07E-07	-2,07E-07
1232	-1,56E-07	-1,56E-07	-1,56E-07	-1,56E-07	-1,56E-07	-1,56E-07	-1,56E-07	-1,56E-07	-1,56E-07
1233	-1,04E-07	-1,04E-07	-1,04E-07	-1,04E-07	-1,04E-07	-1,04E-07	-1,04E-07	-1,04E-07	-1,04E-07
1234	-5,27E-08	-5,27E-08	-5,27E-08	-5,27E-08	-5,27E-08	-5,27E-08	-5,27E-08	-5,27E-08	-5,27E-08
1235	-1,13E-09	-1,13E-09	-1,13E-09	-1,13E-09	-1,13E-09	-1,13E-09	-1,13E-09	-1,13E-09	-1,13E-09
1236	5,05E-08	5,05E-08	5,05E-08	5,05E-08	5,05E-08	5,05E-08	5,05E-08	5,05E-08	5,05E-08
1237	9,22E-08	9,22E-08	9,22E-08	9,22E-08	9,22E-08	9,22E-08	9,22E-08	9,22E-08	9,22E-08
1238	6,70E-08	6,70E-08	6,70E-08	6,70E-08	6,70E-08	6,70E-08	6,70E-08	6,70E-08	6,70E-08
1239	4,18E-08	4,18E-08	4,18E-08	4,18E-08	4,18E-08	4,18E-08	4,18E-08	4,18E-08	4,18E-08
1240	1,66E-08	1,66E-08	1,66E-08	1,66E-08	1,66E-08	1,66E-08	1,66E-08	1,66E-08	1,66E-08
1241	-8,61E-09	-8,61E-09	-8,61E-09	-8,61E-09	-8,61E-09	-8,61E-09	-8,61E-09	-8,61E-09	-8,61E-09
1242	-3,38E-08	-3,38E-08	-3,38E-08	-3,38E-08	-3,38E-08	-3,38E-08	-3,38E-08	-3,38E-08	-3,38E-08
1243	-5,90E-08	-5,90E-08	-5,90E-08	-5,90E-08	-5,90E-08	-5,90E-08	-5,90E-08	-5,90E-08	-5,90E-08
1244	-4,30E-08	-4,30E-08	-4,30E-08	-4,30E-08	-4,30E-08	-4,30E-08	-4,30E-08	-4,30E-08	-4,30E-08
1245	-1,98E-08	-1,98E-08	-1,98E-08	-1,98E-08	-1,98E-08	-1,98E-08	-1,98E-08	-1,98E-08	-1,98E-08
1246	3,45E-09	3,45E-09	3,45E-09	3,45E-09	3,45E-09	3,45E-09	3,45E-09	3,45E-09	3,45E-09
1247	2,67E-08	2,67E-08	2,67E-08	2,67E-08	2,67E-08	2,67E-08	2,67E-08	2,67E-08	2,67E-08
1248	4,99E-08	4,99E-08	4,99E-08	4,99E-08	4,99E-08	4,99E-08	4,99E-08	4,99E-08	4,99E-08
1249	7,31E-08	7,31E-08	7,31E-08	7,31E-08	7,31E-08	7,31E-08	7,31E-08	7,31E-08	7,31E-08
1250	8,54E-08	8,54E-08	8,54E-08	8,54E-08	8,54E-08	8,54E-08	8,54E-08	8,54E-08	8,54E-08
1251	8,97E-08	8,97E-08	8,97E-08	8,97E-08	8,97E-08	8,97E-08	8,97E-08	8,97E-08	8,97E-08
1252	9,40E-08	9,40E-08	9,40E-08	9,40E-08	9,40E-08	9,40E-08	9,40E-08	9,40E-08	9,40E-08
1253	9,82E-08	9,82E-08	9,82E-08	9,82E-08	9,82E-08	9,82E-08	9,82E-08	9,82E-08	9,82E-08
1254	1,03E-07	1,03E-07	1,03E-07	1,03E-07	1,03E-07	1,03E-07	1,03E-07	1,03E-07	1,03E-07
1255	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07
1256	9,71E-08	9,71E-08	9,71E-08	9,71E-08	9,71E-08	9,71E-08	9,71E-08	9,71E-08	9,71E-08
1257	5,48E-08	5,48E-08	5,48E-08	5,48E-08	5,48E-08	5,48E-08	5,48E-08	5,48E-08	5,48E-08
1258	1,25E-08	1,25E-08	1,25E-08	1,25E-08	1,25E-08	1,25E-08	1,25E-08	1,25E-08	1,25E-08
1259	-2,98E-08	-2,98E-08	-2,98E-08	-2,98E-08	-2,98E-08	-2,98E-08	-2,98E-08	-2,98E-08	-2,98E-08
1260	-7,21E-08	-7,21E-08	-7,21E-08	-7,21E-08	-7,21E-08	-7,21E-08	-7,21E-08	-7,21E-08	-7,21E-08
1261	-1,14E-07	-1,14E-07	-1,14E-07	-1,14E-07	-1,14E-07	-1,14E-07	-1,14E-07	-1,14E-07	-1,14E-07
1262	-1,55E-07	-1,55E-07	-1,55E-07	-1,55E-07					

1278	1,03E-08	1,03E-08	1,03E-08	1,03E-08	1,03E-08	1,03E-08	1,03E-08	1,03E-08	1,03E-08
1279	1,01E-09	1,01E-09	1,01E-09	1,01E-09	1,01E-09	1,01E-09	1,01E-09	1,01E-09	1,01E-09
1280	-8,26E-09	-8,26E-09	-8,26E-09	-8,26E-09	-8,26E-09	-8,26E-09	-8,26E-09	-8,26E-09	-8,26E-09
1281	-1,14E-08	-1,14E-08	-1,14E-08	-1,14E-08	-1,14E-08	-1,14E-08	-1,14E-08	-1,14E-08	-1,14E-08
1282	8,53E-09	8,53E-09	8,53E-09	8,53E-09	8,53E-09	8,53E-09	8,53E-09	8,53E-09	8,53E-09
1283	2,85E-08	2,85E-08	2,85E-08	2,85E-08	2,85E-08	2,85E-08	2,85E-08	2,85E-08	2,85E-08
1284	4,85E-08	4,85E-08	4,85E-08	4,85E-08	4,85E-08	4,85E-08	4,85E-08	4,85E-08	4,85E-08
1285	6,84E-08	6,84E-08	6,84E-08	6,84E-08	6,84E-08	6,84E-08	6,84E-08	6,84E-08	6,84E-08
1286	8,84E-08	8,84E-08	8,84E-08	8,84E-08	8,84E-08	8,84E-08	8,84E-08	8,84E-08	8,84E-08
1287	1,08E-07	1,08E-07	1,08E-07	1,08E-07	1,08E-07	1,08E-07	1,08E-07	1,08E-07	1,08E-07
1288	9,95E-08	9,95E-08	9,95E-08	9,95E-08	9,95E-08	9,95E-08	9,95E-08	9,95E-08	9,95E-08
1289	8,85E-08	8,85E-08	8,85E-08	8,85E-08	8,85E-08	8,85E-08	8,85E-08	8,85E-08	8,85E-08
1290	7,76E-08	7,76E-08	7,76E-08	7,76E-08	7,76E-08	7,76E-08	7,76E-08	7,76E-08	7,76E-08
1291	6,67E-08	6,67E-08	6,67E-08	6,67E-08	6,67E-08	6,67E-08	6,67E-08	6,67E-08	6,67E-08
1292	5,58E-08	5,58E-08	5,58E-08	5,58E-08	5,58E-08	5,58E-08	5,58E-08	5,58E-08	5,58E-08
1293	4,49E-08	4,49E-08	4,49E-08	4,49E-08	4,49E-08	4,49E-08	4,49E-08	4,49E-08	4,49E-08
1294	2,86E-08	2,86E-08	2,86E-08	2,86E-08	2,86E-08	2,86E-08	2,86E-08	2,86E-08	2,86E-08
1295	9,44E-09	9,44E-09	9,44E-09	9,44E-09	9,44E-09	9,44E-09	9,44E-09	9,44E-09	9,44E-09
1296	-9,67E-09	-9,67E-09	-9,67E-09	-9,67E-09	-9,67E-09	-9,67E-09	-9,67E-09	-9,67E-09	-9,67E-09
1297	-2,88E-08	-2,88E-08	-2,88E-08	-2,88E-08	-2,88E-08	-2,88E-08	-2,88E-08	-2,88E-08	-2,88E-08
1298	-4,79E-08	-4,79E-08	-4,79E-08	-4,79E-08	-4,79E-08	-4,79E-08	-4,79E-08	-4,79E-08	-4,79E-08
1299	-6,70E-08	-6,70E-08	-6,70E-08	-6,70E-08	-6,70E-08	-6,70E-08	-6,70E-08	-6,70E-08	-6,70E-08
1300	-6,02E-08	-6,02E-08	-6,02E-08	-6,02E-08	-6,02E-08	-6,02E-08	-6,02E-08	-6,02E-08	-6,02E-08
1301	-1,36E-08	-1,36E-08	-1,36E-08	-1,36E-08	-1,36E-08	-1,36E-08	-1,36E-08	-1,36E-08	-1,36E-08
1302	3,29E-08	3,29E-08	3,29E-08	3,29E-08	3,29E-08	3,29E-08	3,29E-08	3,29E-08	3,29E-08
1303	7,95E-08	7,95E-08	7,95E-08	7,95E-08	7,95E-08	7,95E-08	7,95E-08	7,95E-08	7,95E-08
1304	1,26E-07	1,26E-07	1,26E-07	1,26E-07	1,26E-07	1,26E-07	1,26E-07	1,26E-07	1,26E-07
1305	1,73E-07	1,73E-07	1,73E-07	1,73E-07	1,73E-07	1,73E-07	1,73E-07	1,73E-07	1,73E-07
1306	2,07E-07	2,07E-07	2,07E-07	2,07E-07	2,07E-07	2,07E-07	2,07E-07	2,07E-07	2,07E-07
1307	1,53E-07	1,53E-07	1,53E-07	1,53E-07	1,53E-07	1,53E-07	1,53E-07	1,53E-07	1,53E-07
1308	9,99E-08	9,99E-08	9,99E-08	9,99E-08	9,99E-08	9,99E-08	9,99E-08	9,99E-08	9,99E-08
1309	4,64E-08	4,64E-08	4,64E-08	4,64E-08					

1325	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07
1326	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07
1327	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08
1328	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08
1329	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10
1330	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08
1331	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08
1332	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07
1333	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07
1334	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07
1335	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07
1336	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07
1337	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07
1338	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07
1339	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07
1340	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07
1341	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07
1342	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08
1343	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08
1344	0,000499	0,000469	0,000473	0,000575	0,000484	0,000268	0,000472	0,000188	0,000184
1345	0,001458	0,00137	0,001384	0,001682	0,001414	0,000782	0,001379	0,00055	0,000537
1346	0,002417	0,002271	0,002294	0,002788	0,002344	0,001297	0,002286	0,000912	0,00089
1347	0,003377	0,003172	0,003204	0,003894	0,003275	0,001812	0,003193	0,001273	0,001243
1348	0,004336	0,004073	0,004115	0,005	0,004205	0,002327	0,0041	0,001635	0,001596
1349	0,005295	0,004974	0,005025	0,006107	0,005135	0,002841	0,005008	0,001997	0,001949
1350	0,010962	0,010602	0,010653	0,011891	0,010789	0,008197	0,010655	0,007232	0,007176
1351	0,030454	0,030109	0,030135	0,031411	0,030313	0,02777	0,030224	0,026781	0,026714
1352	0,049947	0,049616	0,049617	0,050932	0,049837	0,047343	0,049793	0,04633	0,046252
1353	0,069439	0,069123	0,0691	0,070452	0,069361	0,066915	0,069362	0,065879	0,06579
1354	0,088931	0,08863	0,088582	0,089973	0,088885	0,086488	0,08893	0,085428	0,085328
1355	0,108424	0,108137	0,108064	0,109493	0,108409	0,106061	0,108499	0,104976	0,104866
1356	0,127916	0,127645	0,127546	0,129014	0,127933	0,125633	0,128068	0,124525	0,124404
1357	0,147059	0,146742	0,146664	0,148115	0,147019	0,144806	0,147232	0,143684	0,143558
1358	0,166198	0,165835	0,165779	0,167213	0,166101	0,163975	0,166392	0,162838	0,162708
1359	0,185338	0,184928	0,184894	0,18631	0,185182	0,183144	0,185552	0,181992	0,181858
1360	0,204477	0,204022	0,204008	0,205407	0,204264	0,202314	0,204713	0,201147	0,201007
1361	0,223617	0,223115	0,223123	0,224504	0,223346	0,221483	0,223873	0,220301	0,220157
1362	0,242756	0,242208	0,242238	0,243602	0,242427	0,240652	0,243033	0,239456	0,239307
1363	0,262949	0,26241	0,262418	0,263775	0,262597	0,260977	0,263365	0,259776	0,259619
1364	0,283539	0,28303	0,283001	0,284355	0,283177	0,281738	0,284141	0,280537	0,28037
1365	0,30413	0,30365	0,303584	0,304935	0,303757	0,3025	0,304916	0,301298	0,30112
1366	0,324721	0,32427	0,324167	0,325514	0,324338	0,323262	0,325691	0,322059	0,321871
1367	0,345311	0,34489	0,344749	0,346094	0,344918	0,344023	0,346467	0,34282	0,342622
1368	0,365902	0,36551	0,365332	0,366674	0,365498	0,364785	0,367242	0,36358	0,363372
1369	0,388079	0,387711	0,387518	0,388849	0,387674	0,387116	0,389578	0,385909	0,385692
1370	0,412095	0,411744	0,411563	0,412875	0,411701	0,411268	0,413722	0,410056	0,409832
1371	0,436111	0,435778	0,435608	0,436901	0,435727	0,43542	0,437867	0,434202	0,433971

1372	0,460128	0,459812	0,459654	0,460927	0,459753	0,459572	0,462011	0,458349	0,45811
1373	0,484144	0,483846	0,483699	0,484953	0,48378	0,483724	0,486156	0,482496	0,48225
1374	0,50816	0,507879	0,507744	0,508979	0,507806	0,507876	0,510301	0,506642	0,506389
1375	0,534646	0,534366	0,534244	0,535458	0,534279	0,534482	0,536901	0,533241	0,532981
1376	0,570948	0,570602	0,570497	0,571684	0,570476	0,570837	0,573262	0,569585	0,569318
1377	0,60725	0,606837	0,606751	0,607909	0,606673	0,607193	0,609623	0,605928	0,605655
1378	0,643551	0,643072	0,643004	0,644135	0,64287	0,643548	0,645984	0,642272	0,641992
1379	0,679853	0,679307	0,679258	0,680361	0,679067	0,679904	0,682345	0,678615	0,678329
1380	0,716154	0,715542	0,715511	0,716587	0,715263	0,716259	0,718706	0,714958	0,714666
1381	0,752456	0,751777	0,751764	0,752812	0,75146	0,752615	0,755067	0,751302	0,751003
1382	0,802238	0,801558	0,801552	0,802569	0,801236	0,80245	0,804908	0,80109	0,800784
1383	0,85288	0,852204	0,852204	0,85319	0,851879	0,853146	0,855611	0,851737	0,851423
1384	0,903523	0,90285	0,902856	0,903811	0,902522	0,903842	0,906313	0,902384	0,902063
1385	0,954166	0,953497	0,953508	0,954432	0,953165	0,954538	0,957016	0,953032	0,952703
1386	1,004809	1,004143	1,00416	1,005052	1,003808	1,005235	1,007718	1,003679	1,003342
1387	1,055451	1,054789	1,054812	1,055673	1,054451	1,055931	1,058421	1,054326	1,053982
1388	1,110934	1,110222	1,110304	1,111147	1,109959	1,111336	1,113812	1,109739	1,109403
1389	1,168706	1,167919	1,168084	1,168914	1,167767	1,168969	1,171421	1,167404	1,167086
1390	1,226478	1,225616	1,225864	1,226682	1,225576	1,226601	1,229029	1,22507	1,224768
1391	1,28425	1,283313	1,283644	1,28445	1,283384	1,284233	1,286637	1,282736	1,28245
1392	1,342022	1,34101	1,341425	1,342217	1,341192	1,341866	1,344246	1,340402	1,340132
1393	1,399794	1,398707	1,399205	1,399985	1,399	1,399498	1,401854	1,398068	1,397814
1394	1,448999	1,447929	1,448434	1,449216	1,448241	1,448525	1,450852	1,447065	1,446864
1395	1,486321	1,485396	1,485803	1,486608	1,485598	1,485616	1,487908	1,48404	1,483939
1396	1,523644	1,522863	1,523172	1,524	1,522956	1,522708	1,524964	1,521015	1,521015
1397	1,560967	1,560329	1,560541	1,561391	1,560313	1,559799	1,562019	1,55799	1,558091
1398	1,59829	1,597796	1,597911	1,598783	1,597671	1,596891	1,599075	1,594965	1,595167
1399	1,635612	1,635263	1,63528	1,636175	1,635028	1,633982	1,636131	1,63194	1,632243
1400	1,669775	1,669567	1,66948	1,670427	1,669227	1,667931	1,669978	1,665761	1,666184
1401	1,687349	1,687271	1,687047	1,688196	1,686842	1,685383	1,686986	1,683025	1,683671
1402	1,704922	1,704975	1,704615	1,705965	1,704458	1,702836	1,703993	1,70029	1,701158
1403	1,722496	1,722679	1,722182	1,723735	1,722074	1,720288	1,721001	1,717555	1,718645
1404	1,74007	1,740383	1,739749	1,741504	1,73969	1,73774	1,738009	1,73482	1,736132
1405	1,757644	1,758087	1,757317	1,759273	1,757306	1,755193	1,755016	1,752085	1,753619
1406	1,775218	1,775791	1,774884	1,777043	1,774921	1,772645	1,772024	1,76935	1,771106
1407	1,783319	1,783827	1,783474	1,785326	1,783591	1,780681	1,780457	1,777679	1,779023
1408	1,790379	1,790801	1,791078	1,792566	1,791277	1,787682	1,787948	1,785026	1,785888
1409	1,797439	1,797775	1,798681	1,799807	1,798964	1,794683	1,795438	1,792373	1,792753
1410	1,804499	1,804749	1,806285	1,807048	1,80665	1,801684	1,802929	1,79972	1,799619
1411	1,811559	1,811722	1,813889	1,814288	1,814337	1,808685	1,810419	1,807067	1,806484
1412	1,818619	1,818696	1,821493	1,821529	1,822023	1,815686	1,81791	1,814414	1,813349
1413	1,823547	1,823684	1,826259	1,826251	1,826777	1,820211	1,822719	1,819235	1,818175
1414	1,827291	1,827568	1,82945	1,829573	1,829902	1,823362	1,82604	1,822653	1,821867
1415	1,831034	1,831452	1,832642	1,832896	1,833027	1,826512	1,829361	1,826071	1,82556
1416	1,834778	1,835336	1,835833	1,836219	1,836152	1,829662	1,832682	1,829489	1,829252
1417	1,838522	1,839221	1,839024	1,839542	1,839277	1,832812	1,836003	1,832908	1,832945
1418	1,842265	1,843105	1,842215	1,842865	1,842402	1,835962	1,839324	1,836326	1,836637

1419	1,845842	1,846557	1,845357	1,846172	1,845516	1,839173	1,842618	1,839737	1,840085
1420	1,849155	1,849321	1,848422	1,849454	1,848614	1,842479	1,845872	1,843136	1,843141
1421	1,852467	1,852086	1,851486	1,852736	1,851712	1,845785	1,849125	1,846535	1,846198
1422	1,855779	1,85485	1,85455	1,856018	1,85481	1,849092	1,852379	1,849935	1,849254
1423	1,859091	1,857615	1,857614	1,859301	1,857908	1,852398	1,855632	1,853334	1,852311
1424	1,862403	1,860379	1,860678	1,862583	1,861006	1,855704	1,858886	1,856733	1,855367
1425	1,865397	1,862957	1,863479	1,865541	1,863828	1,858763	1,86189	1,859771	1,858209
1426	1,866265	1,864291	1,864516	1,866335	1,864808	1,860164	1,863229	1,860387	1,859617
1427	1,867133	1,865625	1,865552	1,867128	1,865787	1,861565	1,864567	1,861004	1,861024
1428	1,868	1,866959	1,866589	1,867921	1,866767	1,862966	1,865905	1,86162	1,862432
1429	1,868868	1,868292	1,867625	1,868714	1,867747	1,864368	1,867244	1,862236	1,863839
1430	1,869735	1,869626	1,868662	1,869507	1,868726	1,865769	1,868582	1,862853	1,865246
1431	1,870603	1,87096	1,869699	1,8703	1,869706	1,86717	1,86992	1,863469	1,866654
1432	1,873963	1,873927	1,873273	1,873634	1,873098	1,870125	1,872792	1,866542	1,869286
1433	1,877683	1,877129	1,877212	1,877335	1,876837	1,873304	1,875884	1,86997	1,872094
1434	1,881403	1,880332	1,881152	1,881035	1,880576	1,876482	1,878976	1,873397	1,874902
1435	1,885123	1,883534	1,885091	1,884735	1,884316	1,879661	1,882069	1,876824	1,877711
1436	1,888844	1,886737	1,889031	1,888435	1,888055	1,882839	1,885161	1,880251	1,880519
1437	1,892564	1,889939	1,89297	1,892136	1,891795	1,886018	1,888254	1,883679	1,883328
1438	1,893374	1,891004	1,89388	1,893192	1,892828	1,887141	1,889416	1,885066	1,884564
1439	1,8924	1,89076	1,892932	1,892626	1,892201	1,887005	1,889395	1,885202	1,884838
1440	1,891426	1,890515	1,891984	1,892061	1,891575	1,886869	1,889375	1,885338	1,885111
1441	1,890453	1,890271	1,891036	1,891496	1,890949	1,886733	1,889354	1,885475	1,885384
1442	1,889479	1,890026	1,890088	1,890931	1,890323	1,886596	1,889334	1,885611	1,885657
1443	1,888506	1,889781	1,88914	1,890366	1,889697	1,88646	1,889313	1,885747	1,88593
1444	1,889203	1,890713	1,889872	1,891221	1,890442	1,887443	1,89037	1,886935	1,887107
1445	1,892795	1,893683	1,893514	1,894537	1,893564	1,890367	1,893292	1,889945	1,88985
1446	1,896386	1,896653	1,897156	1,897854	1,896685	1,89329	1,896215	1,892954	1,892593
1447	1,899978	1,899622	1,900799	1,90117	1,899806	1,896213	1,899137	1,895964	1,895336
1448	1,90357	1,902592	1,904441	1,904487	1,902928	1,899136	1,90206	1,898973	1,898078
1449	1,907161	1,905562	1,908083	1,907803	1,906049	1,902059	1,904983	1,901983	1,900821
1450	1,910405	1,908282	1,911345	1,910796	1,90887	1,904701	1,907609	1,90469	1,903322
1451	1,910919	1,909048	1,911631	1,911245	1,909335	1,905131	1,907907	1,90502	1,903921
1452	1,911432	1,909814	1,911916	1,911695	1,9098	1,905561	1,908206	1,905351	1,904521
1453	1,911946	1,91058	1,912202	1,912145	1,910264	1,905991	1,908504	1,905682	1,90512
1454	1,912459	1,911345	1,912488	1,912595	1,910729	1,906422	1,908803	1,906012	1,90572
1455	1,912973	1,912111	1,912773	1,913045	1,911194	1,906852	1,909102	1,906343	1,906319
1456	1,913486	1,912877	1,913059	1,913495	1,911659	1,907282	1,9094	1,906674	1,906919
1457	1,914273	1,913994	1,914117	1,914841	1,913453	1,909112	1,911372	1,908305	1,908548
1458	1,915105	1,915168	1,9153	1,916333	1,915462	1,91117	1,913616	1,910147	1,910346
1459	1,915937	1,916342	1,916484	1,917825	1,917473	1,913228	1,91586	1,91199	1,912143
1460	1,91677	1,917516	1,917668	1,919317	1,919483	1,915286	1,918104	1,913833	1,913941
1461	1,917602	1,91869	1,918851	1,92081	1,921493	1,917344	1,920348	1,915675	1,915738
1462	1,918434	1,919864	1,920035	1,922302	1,923503	1,919403	1,922592	1,917518	1,917536
1463	1,920578	1,921808	1,92196	1,924273	1,925352	1,921192	1,924502	1,919259	1,919184
1464	1,923565	1,924247	1,924361	1,926552	1,927099	1,922808	1,926197	1,920935	1,920737
1465	1,926552	1,926685	1,926761	1,928831	1,928845	1,924425	1,927892	1,922611	1,92229

1466	1,929539	1,929123	1,929162	1,931109	1,930591	1,926041	1,929588	1,924286	1,923843
1467	1,932526	1,931562	1,931563	1,933388	1,932338	1,927658	1,931283	1,925962	1,925396
1468	1,935513	1,934	1,933964	1,935667	1,934084	1,929275	1,932978	1,927637	1,926949
1469	1,937341	1,935679	1,935595	1,937324	1,935378	1,930454	1,934111	1,928844	1,928254
1470	1,937089	1,935996	1,935844	1,937867	1,935859	1,930852	1,934233	1,929211	1,929116
1471	1,936837	1,936313	1,936093	1,93841	1,93634	1,931249	1,934356	1,929577	1,929978
1472	1,936585	1,93663	1,936343	1,938952	1,936822	1,931646	1,934479	1,929943	1,93084
1473	1,936333	1,936947	1,936592	1,939495	1,937303	1,932043	1,934601	1,93031	1,931702
1474	1,936082	1,937265	1,936841	1,940038	1,937784	1,93244	1,934724	1,930676	1,932564
1475	1,936068	1,937738	1,937248	1,940663	1,938361	1,932952	1,934978	1,93116	1,933432
1476	1,938021	1,9395	1,938948	1,941969	1,939729	1,934418	1,936314	1,932619	1,934353
1477	1,939974	1,941262	1,940648	1,943275	1,941096	1,935884	1,937649	1,934078	1,935273
1478	1,941927	1,943024	1,942348	1,944581	1,942464	1,93735	1,938985	1,935537	1,936193
1479	1,94388	1,944786	1,944049	1,945887	1,943831	1,938815	1,940321	1,936996	1,937113
1480	1,945833	1,946548	1,945749	1,947193	1,945199	1,940281	1,941656	1,938455	1,938033
1481	1,947786	1,948311	1,947449	1,948499	1,946566	1,941747	1,942992	1,939913	1,938953
1482	1,947903	1,948128	1,947361	1,948142	1,946966	1,942042	1,943803	1,940552	1,94004
1483	1,947718	1,947626	1,946978	1,947512	1,947208	1,942145	1,944528	1,941057	1,941153
1484	1,947533	1,947124	1,946596	1,946882	1,947449	1,942248	1,945253	1,941562	1,942267
1485	1,947347	1,946622	1,946214	1,946252	1,947691	1,942351	1,945978	1,942066	1,94338
1486	1,947162	1,946121	1,945831	1,945621	1,947932	1,942454	1,946703	1,942571	1,944494
1487	1,946977	1,945619	1,945449	1,944991	1,948174	1,942557	1,947428	1,943075	1,945607
1488	1,948587	1,947243	1,947151	1,946758	1,949766	1,944054	1,94887	1,94457	1,94692
1489	1,951338	1,950222	1,95018	1,95005	1,952218	1,946438	1,95077	1,946694	1,94836
1490	1,95409	1,953201	1,95321	1,953343	1,95467	1,948821	1,952669	1,948819	1,949801
1491	1,956842	1,95618	1,956239	1,956635	1,957122	1,951205	1,954568	1,950944	1,951241
1492	1,959594	1,959159	1,959268	1,959927	1,959573	1,953589	1,956468	1,953068	1,952681
1493	1,962346	1,962137	1,962298	1,96322	1,962025	1,955972	1,958367	1,955193	1,954121
1494	1,96402	1,963979	1,96419	1,96522	1,963565	1,957699	1,959559	1,956571	1,955121
1495	1,963804	1,963824	1,964087	1,964954	1,963502	1,958272	1,95951	1,956639	1,955349
1496	1,963587	1,96367	1,963985	1,964687	1,96344	1,958845	1,959461	1,956707	1,955577
1497	1,963371	1,963515	1,963882	1,964421	1,963378	1,959418	1,959413	1,956775	1,955804
1498	1,963154	1,963361	1,96378	1,964154	1,963316	1,959991	1,959364	1,956843	1,956032
1499	1,962938	1,963206	1,963678	1,963887	1,963254	1,960564	1,959315	1,95691	1,95626
1500	1,962966	1,963248	1,963755	1,963894	1,963428	1,96124	1,959518	1,957142	1,956699
1501	1,96484	1,964778	1,965191	1,965959	1,965387	1,962694	1,961624	1,958612	1,958735
1502	1,966715	1,966308	1,966628	1,968025	1,967347	1,964148	1,963731	1,960081	1,960772
1503	1,968589	1,967837	1,968064	1,970091	1,969306	1,965602	1,965837	1,961551	1,962808
1504	1,970463	1,969367	1,9695	1,972157	1,971266	1,967056	1,967944	1,963021	1,964845
1505	1,972338	1,970897	1,970937	1,974223	1,973225	1,96851	1,97005	1,96449	1,966881
1506	1,974212	1,972426	1,972373	1,976289	1,975185	1,969965	1,972156	1,96596	1,968918
1507	1,975452	1,973682	1,973747	1,977242	1,976467	1,970769	1,972976	1,967251	1,969777
1508	1,976599	1,974896	1,975111	1,97803	1,977649	1,971477	1,973605	1,968516	1,970461
1509	1,977745	1,976111	1,976475	1,978819	1,978831	1,972185	1,974234	1,96978	1,971146
1510	1,978892	1,977326	1,977839	1,979607	1,980014	1,972893	1,974863	1,971045	1,97183
1511	1,980038	1,978541	1,979203	1,980396	1,981196	1,973601	1,975492	1,97231	1,972515
1512	1,981184	1,979755	1,980568	1,981184	1,982378	1,974309	1,976121	1,973574	1,9732

1513	1,980942	1,979719	1,980547	1,980861	1,981948	1,97408	1,975934	1,973554	1,972982
1514	1,979869	1,978935	1,979698	1,979874	1,980555	1,973291	1,975259	1,972765	1,972225
1515	1,978797	1,978151	1,978849	1,978886	1,979162	1,972501	1,974583	1,971976	1,971468
1516	1,977724	1,977367	1,978	1,977899	1,977768	1,971712	1,973908	1,971187	1,970711
1517	1,976651	1,976582	1,977152	1,976911	1,976375	1,970922	1,973233	1,970398	1,969954
1518	1,975579	1,975798	1,976303	1,975924	1,974982	1,970133	1,972558	1,969609	1,969197
1519	1,975264	1,975793	1,97607	1,975543	1,974363	1,970137	1,972691	1,969443	1,969018
1520	1,976175	1,977049	1,976832	1,976145	1,974996	1,971423	1,974133	1,970283	1,969773
1521	1,977087	1,978305	1,977595	1,976747	1,975629	1,972709	1,975575	1,971123	1,970529
1522	1,977998	1,97956	1,978357	1,977349	1,976262	1,973995	1,977016	1,971963	1,971284
1523	1,978909	1,980816	1,97912	1,977951	1,976895	1,975281	1,978458	1,972803	1,97204
1524	1,979821	1,982072	1,979882	1,978553	1,977528	1,976567	1,979899	1,973644	1,972795
1525	1,980907	1,983372	1,980825	1,979386	1,978454	1,977929	1,981344	1,974696	1,973811
1526	1,98308	1,984951	1,982888	1,98165	1,981197	1,979765	1,982809	1,977061	1,976443
1527	1,985252	1,986529	1,98495	1,983915	1,983939	1,9816	1,984273	1,979426	1,979075
1528	1,987424	1,988107	1,987013	1,98618	1,986682	1,983435	1,985738	1,981791	1,981707
1529	1,989596	1,989685	1,989075	1,988445	1,989424	1,98527	1,987202	1,984156	1,984339
1530	1,991769	1,991263	1,991138	1,99071	1,992167	1,987106	1,988667	1,986521	1,986971
1531	1,993941	1,992841	1,9932	1,992974	1,994909	1,988941	1,990131	1,988886	1,989603
1532	1,991907	1,990932	1,99136	1,991457	1,99305	1,987238	1,98834	1,986893	1,987886
1533	1,989386	1,988618	1,989067	1,9895	1,990656	1,985125	1,986171	1,984393	1,985664
1534	1,986864	1,986304	1,986774	1,987544	1,988262	1,983011	1,984002	1,981894	1,983441
1535	1,984342	1,98399	1,984481	1,985587	1,985868	1,980898	1,981833	1,979395	1,981219
1536	1,981821	1,981676	1,982188	1,983631	1,983474	1,978784	1,979664	1,976896	1,978997
1537	1,979299	1,979362	1,979895	1,981674	1,981079	1,976671	1,977495	1,974397	1,976775
1538	1,979882	1,980017	1,980637	1,981654	1,981407	1,977255	1,978119	1,974641	1,97718
1539	1,9821	1,982235	1,982977	1,982654	1,983169	1,979261	1,980213	1,97633	1,978969
1540	1,984318	1,984453	1,985317	1,983654	1,98493	1,981267	1,982307	1,978019	1,980758
1541	1,986536	1,986672	1,987658	1,984655	1,986692	1,983272	1,984401	1,979708	1,982547
1542	1,988753	1,98889	1,989998	1,985655	1,988453	1,985278	1,986495	1,981397	1,984336
1543	1,990971	1,991108	1,992338	1,986655	1,990214	1,987284	1,988589	1,983086	1,986125
1544	1,992406	1,992662	1,99385	1,987893	1,991445	1,988561	1,990064	1,984365	1,98732
1545	1,992732	1,993276	1,994188	1,989468	1,991925	1,988807	1,990663	1,985062	1,987673
1546	1,993058	1,99389	1,994527	1,991043	1,992404	1,989052	1,991261	1,98576	1,988027
1547	1,993385	1,994503	1,994866	1,992618	1,992883	1,989298	1,991859	1,986457	1,98838
1548	1,993711	1,995117	1,995204	1,994193	1,993362	1,989544	1,992458	1,987155	1,988734
1549	1,994037	1,995731	1,995543	1,995768	1,993842	1,989789	1,993056	1,987852	1,989087
1550	1,994042	1,995894	1,995516	1,99668	1,994035	1,989766	1,993293	1,988166	1,989099
1551	1,992532	1,993934	1,993763	1,994469	1,992884	1,988473	1,991829	1,986674	1,987497
1552	1,991022	1,991974	1,99201	1,992257	1,991732	1,98718	1,990365	1,985182	1,985895
1553	1,989512	1,990015	1,990257	1,990045	1,990581	1,985887	1,9889	1,98369	1,984293
1554	1,988003	1,988055	1,988504	1,987834	1,989429	1,984594	1,987436	1,982198	1,982692
1555	1,986493	1,986095	1,986751	1,985622	1,988277	1,983302	1,985972	1,980706	1,98109
1556	1,984983	1,984135	1,984999	1,983411	1,987126	1,982009	1,984508	1,979215	1,979488
1557	1,98481	1,983994	1,984942	1,983914	1,986864	1,981638	1,983884	1,978962	1,979529
1558	1,984729	1,983978	1,985002	1,984603	1,986664	1,981331	1,983317	1,978794	1,979683
1559	1,984647	1,983961	1,985061	1,985292	1,986463	1,981024	1,98275	1,978627	1,979836

1560	1,984566	1,983944	1,985121	1,985981	1,986262	1,980716	1,982183	1,978459	1,97999
1561	1,984485	1,983928	1,98518	1,986669	1,986061	1,980409	1,981617	1,978291	1,980143
1562	1,984403	1,983911	1,98524	1,987358	1,985861	1,980101	1,98105	1,978123	1,980297
1563	1,983313	1,983294	1,984301	1,986433	1,984931	1,979189	1,980065	1,977141	1,979164
1564	1,981787	1,982416	1,982931	1,984809	1,983686	1,978016	1,978899	1,975806	1,977476
1565	1,980261	1,981539	1,98156	1,983185	1,982441	1,976842	1,977734	1,974471	1,975787
1566	1,978734	1,980662	1,980189	1,981561	1,981196	1,975668	1,976568	1,973136	1,974099
1567	1,977208	1,979784	1,978818	1,979937	1,979951	1,974495	1,975402	1,971801	1,97241
1568	1,975682	1,978907	1,977448	1,978313	1,978706	1,973321	1,974236	1,970466	1,970722
1569	1,973475	1,976739	1,975132	1,97591	1,97644	1,971053	1,97196	1,968292	1,968504
1570	1,970473	1,973063	1,971712	1,972595	1,972979	1,967506	1,968385	1,965137	1,965668
1571	1,967471	1,969387	1,968293	1,969281	1,969518	1,963959	1,96481	1,961982	1,962832
1572	1,964469	1,96571	1,964873	1,965966	1,966057	1,960412	1,961236	1,958827	1,959996
1573	1,961467	1,962034	1,961453	1,962652	1,962596	1,956865	1,957661	1,955672	1,95716
1574	1,958465	1,958358	1,958034	1,959337	1,959136	1,953318	1,954086	1,952517	1,954324
1575	1,955025	1,954423	1,954359	1,955667	1,95538	1,949519	1,950269	1,948883	1,950932
1576	1,950079	1,949596	1,949808	1,950771	1,95061	1,944854	1,945615	1,943598	1,945625
1577	1,945132	1,944769	1,945257	1,945874	1,94584	1,940189	1,940961	1,938314	1,940318
1578	1,940185	1,939942	1,940706	1,940978	1,94107	1,935524	1,936308	1,933029	1,93501
1579	1,935238	1,935115	1,936155	1,936081	1,9363	1,930859	1,931654	1,927745	1,929703
1580	1,930292	1,930288	1,931604	1,931185	1,93153	1,926194	1,927001	1,922461	1,924396
1581	1,925345	1,925462	1,927053	1,926288	1,92676	1,921529	1,922347	1,917176	1,919089
1582	1,920414	1,920217	1,921532	1,921418	1,921754	1,915586	1,916839	1,911903	1,913767
1583	1,915483	1,914969	1,916002	1,916547	1,916746	1,909631	1,911322	1,906629	1,908445
1584	1,910552	1,90972	1,910471	1,911677	1,911738	1,903675	1,905806	1,901355	1,903123
1585	1,905622	1,904472	1,904941	1,906806	1,90673	1,89772	1,900289	1,896081	1,897802
1586	1,900691	1,899223	1,89941	1,901936	1,901722	1,891764	1,894772	1,890808	1,89248
1587	1,89576	1,893975	1,89388	1,897065	1,896714	1,885808	1,889256	1,885534	1,887158
1588	1,888719	1,887177	1,886819	1,890118	1,889714	1,879038	1,882227	1,878593	1,880325
1589	1,880994	1,879877	1,879262	1,882496	1,882067	1,872004	1,874707	1,871111	1,873003
1590	1,873269	1,872577	1,871704	1,874875	1,87442	1,864969	1,867188	1,86363	1,86568
1591	1,865544	1,865276	1,864147	1,867254	1,866774	1,857934	1,859669	1,856148	1,858358
1592	1,857818	1,857976	1,85659	1,859632	1,859127	1,8509	1,852149	1,848666	1,851035
1593	1,850093	1,850676	1,849032	1,852011	1,851481	1,843865	1,84463	1,841184	1,843713
1594	1,84225	1,842999	1,841664	1,844232	1,843735	1,836272	1,837072	1,833577	1,835942
1595	1,834298	1,834977	1,834468	1,836309	1,835899	1,828169	1,829478	1,825855	1,82776
1596	1,826347	1,826956	1,827272	1,828386	1,828063	1,820065	1,821885	1,818133	1,819579
1597	1,818395	1,818934	1,820076	1,820463	1,820228	1,811961	1,814291	1,81041	1,811397
1598	1,810444	1,810913	1,81288	1,81254	1,812392	1,803857	1,806698	1,802688	1,803216
1599	1,802492	1,802891	1,805685	1,804617	1,804556	1,795753	1,799104	1,794966	1,795035
1600	1,793989	1,794295	1,797446	1,796132	1,79607	1,787056	1,790686	1,786492	1,786305
1601	1,784134	1,784292	1,786657	1,786271	1,785994	1,77691	1,780251	1,776176	1,776235
1602	1,774279	1,774289	1,775867	1,77641	1,775917	1,766763	1,769816	1,76586	1,766164
1603	1,764424	1,764287	1,765077	1,766549	1,765841	1,756617	1,759381	1,755544	1,756093
1604	1,754569	1,754284	1,754288	1,756688	1,755764	1,74647	1,748945	1,745228	1,746023
1605	1,744714	1,744281	1,743498	1,746828	1,745688	1,736323	1,73851	1,734912	1,735952
1606	1,735003	1,734433	1,732937	1,737117	1,735784	1,726342	1,728271	1,724788	1,72606

1607	1,727629	1,727101	1,72609	1,729847	1,72868	1,719039	1,721209	1,717786	1,719074
1608	1,720254	1,719769	1,719243	1,722577	1,721577	1,711737	1,714148	1,710785	1,712088
1609	1,712879	1,712437	1,712396	1,715307	1,714473	1,704435	1,707086	1,703783	1,705102
1610	1,705504	1,705105	1,705549	1,708037	1,707369	1,697133	1,700025	1,696781	1,698117
1611	1,698129	1,697773	1,698702	1,700768	1,700265	1,689831	1,692963	1,689779	1,691131
1612	1,690755	1,690441	1,691855	1,693498	1,693162	1,682529	1,685902	1,682777	1,684145
1613	1,681458	1,681276	1,682463	1,684058	1,683815	1,67307	1,676373	1,673234	1,674577
1614	1,671761	1,671729	1,672542	1,674168	1,674003	1,663164	1,666332	1,663163	1,664473
1615	1,662065	1,662182	1,662621	1,664277	1,664191	1,653258	1,656291	1,653092	1,654369
1616	1,652369	1,652635	1,6527	1,654387	1,654379	1,643352	1,64625	1,643021	1,644265
1617	1,642672	1,643089	1,642779	1,644497	1,644567	1,633446	1,636209	1,632949	1,634161
1618	1,632976	1,633542	1,632858	1,634606	1,634754	1,62354	1,626168	1,622878	1,624057
1619	1,623344	1,623993	1,623331	1,624948	1,625077	1,613914	1,616552	1,61317	1,614329
1620	1,613755	1,614441	1,614069	1,615445	1,615491	1,604475	1,607223	1,603704	1,604852
1621	1,604166	1,60489	1,604806	1,605942	1,605905	1,595036	1,597893	1,594239	1,595376
1622	1,594577	1,595338	1,595544	1,596439	1,596318	1,585597	1,588563	1,584774	1,5859
1623	1,584988	1,585787	1,586282	1,586936	1,586732	1,576158	1,579234	1,575308	1,576423
1624	1,575399	1,576236	1,57702	1,577433	1,577146	1,566719	1,569904	1,565843	1,566947
1625	1,567155	1,567982	1,568907	1,569224	1,568925	1,558452	1,561755	1,55767	1,558751
1626	1,561209	1,561947	1,562758	1,563226	1,563039	1,552188	1,555624	1,551709	1,552747
1627	1,555263	1,555912	1,55661	1,557229	1,557153	1,545924	1,549493	1,545747	1,546742
1628	1,549317	1,549878	1,550461	1,551232	1,551267	1,539661	1,543362	1,539785	1,540737
1629	1,543372	1,543843	1,544313	1,545234	1,545381	1,533397	1,53723	1,533824	1,534732
1630	1,537426	1,537808	1,538164	1,539237	1,539495	1,527134	1,531099	1,527862	1,528728
1631	1,530875	1,53121	1,531464	1,532674	1,533	1,520354	1,524416	1,52131	1,522141
1632	1,52067	1,521213	1,521428	1,522696	1,522821	1,510457	1,514398	1,511193	1,512037
1633	1,510464	1,511215	1,511392	1,512718	1,512642	1,50056	1,50438	1,501075	1,501933
1634	1,500258	1,501217	1,501355	1,50274	1,502463	1,490663	1,494362	1,490958	1,49183
1635	1,490052	1,491219	1,491319	1,492762	1,492284	1,480766	1,484344	1,48084	1,481726
1636	1,479847	1,481221	1,481283	1,482784	1,482105	1,470869	1,474326	1,470722	1,471622
1637	1,469641	1,471223	1,471247	1,472806	1,471926	1,460972	1,464308	1,460605	1,461518
1638	1,463209	1,464468	1,464652	1,466279	1,465391	1,454541	1,457681	1,454147	1,454998
1639	1,457127	1,458014	1,458377	1,460072	1,459194	1,448433	1,451369	1,448029	1,44881
1640	1,451045	1,45156	1,452102	1,453865	1,452997	1,442324	1,445057	1,441911	1,442623
1641	1,444964	1,445106	1,445827	1,447659	1,4468	1,436215	1,438745	1,435793	1,436435
1642	1,438882	1,438652	1,439551	1,441452	1,440604	1,430107	1,432433	1,429675	1,430247
1643	1,4328	1,432198	1,433276	1,435245	1,434407	1,423998	1,426121	1,423557	1,42406
1644	1,427105	1,4264	1,427531	1,42942	1,428744	1,418149	1,420348	1,417776	1,418274
1645	1,421584	1,420898	1,422024	1,423766	1,423323	1,412418	1,414817	1,412149	1,41267
1646	1,416064	1,415395	1,416517	1,418112	1,417901	1,406686	1,409286	1,406522	1,407066
1647	1,410544	1,409893	1,411011	1,412459	1,412479	1,400955	1,403755	1,400894	1,401461
1648	1,405023	1,40439	1,405504	1,406805	1,407057	1,395223	1,398224	1,395267	1,395857
1649	1,399503	1,398888	1,399997	1,401151	1,401636	1,389492	1,392693	1,389639	1,390253
1650	1,393635	1,393025	1,394123	1,395263	1,395746	1,383635	1,386885	1,383791	1,384416
1651	1,387368	1,386747	1,387824	1,389105	1,38932	1,377634	1,380758	1,377689	1,378312
1652	1,381102	1,380469	1,381526	1,382947	1,382893	1,371632	1,374631	1,371587	1,372208
1653	1,374835	1,374192	1,375227	1,376788	1,376466	1,365631	1,368504	1,365484	1,366104

1654	1,368568	1,367914	1,368929	1,37063	1,370039	1,35963	1,362377	1,359382	1,359999
1655	1,362301	1,361636	1,36263	1,364472	1,363612	1,353628	1,356249	1,35328	1,353895
1656	1,357009	1,356371	1,357316	1,359255	1,358205	1,348539	1,35106	1,348114	1,348713
1657	1,354786	1,354296	1,355104	1,357002	1,356012	1,346324	1,348824	1,3459	1,346433
1658	1,352563	1,352221	1,352892	1,35475	1,353819	1,34411	1,346588	1,343685	1,344154
1659	1,350341	1,350146	1,35068	1,352498	1,351626	1,341895	1,344352	1,341471	1,341875
1660	1,348118	1,348071	1,348467	1,350246	1,349433	1,33968	1,342116	1,339256	1,339596
1661	1,345895	1,345996	1,346255	1,347994	1,34724	1,337465	1,33988	1,337041	1,337317
1662	1,343727	1,343973	1,344097	1,345796	1,3451	1,335304	1,3377	1,33488	1,335094
1663	1,344541	1,344744	1,344914	1,346611	1,345896	1,336101	1,338586	1,33565	1,336001
1664	1,345355	1,345516	1,345731	1,347425	1,346691	1,336898	1,339473	1,33642	1,336908
1665	1,346168	1,346288	1,346547	1,348239	1,347487	1,337695	1,34036	1,337189	1,337816
1666	1,346982	1,347059	1,347364	1,349054	1,348283	1,338492	1,341246	1,337959	1,338723
1667	1,347796	1,347831	1,348181	1,349868	1,349079	1,339289	1,342133	1,338728	1,33963
1668	1,34861	1,348603	1,348998	1,350682	1,349874	1,340086	1,34302	1,339498	1,340537
1669	1,351413	1,351324	1,35175	1,353396	1,35276	1,342982	1,345831	1,342413	1,343372
1670	1,354725	1,354544	1,354997	1,356597	1,356181	1,346416	1,349135	1,345878	1,346702
1671	1,358038	1,357764	1,358245	1,359798	1,359602	1,34985	1,352439	1,349343	1,350031
1672	1,36135	1,360985	1,361492	1,362998	1,363023	1,353284	1,355743	1,352808	1,353361
1673	1,364663	1,364205	1,364739	1,366199	1,366444	1,356718	1,359047	1,356273	1,35669
1674	1,367975	1,367426	1,367987	1,3694	1,369866	1,360152	1,362351	1,359738	1,36002
1675	1,37257	1,372015	1,372629	1,373978	1,374427	1,364901	1,367014	1,364483	1,364723
1676	1,378107	1,377613	1,378298	1,379569	1,379827	1,370618	1,372677	1,370172	1,370437
1677	1,383644	1,38321	1,383966	1,385159	1,385228	1,376335	1,37834	1,37586	1,376151
1678	1,389181	1,388808	1,389635	1,39075	1,390629	1,382051	1,384002	1,381548	1,381865
1679	1,394718	1,394405	1,395303	1,396341	1,396029	1,387768	1,389665	1,387237	1,387579
1680	1,400255	1,400003	1,400972	1,401932	1,40143	1,393484	1,395327	1,392925	1,393293
1681	1,406115	1,405893	1,406882	1,407825	1,407246	1,399453	1,401312	1,398827	1,399197
1682	1,41256	1,412313	1,413228	1,414265	1,413814	1,405877	1,407877	1,405115	1,405445
1683	1,419004	1,418733	1,419575	1,420705	1,420383	1,412302	1,414443	1,411404	1,411693
1684	1,425449	1,425153	1,425922	1,427145	1,426951	1,418726	1,421009	1,417692	1,417941
1685	1,431893	1,431572	1,432268	1,433584	1,433519	1,42515	1,427575	1,42398	1,424189
1686	1,438338	1,437992	1,438615	1,440024	1,440088	1,431574	1,43414	1,430269	1,430436
1687	1,443979	1,443618	1,444164	1,445649	1,445812	1,437203	1,439878	1,435788	1,43595
1688	1,444561	1,44424	1,444686	1,446138	1,446219	1,437815	1,440396	1,436461	1,436839
1689	1,445143	1,444862	1,445209	1,446627	1,446626	1,438428	1,440914	1,437134	1,437728
1690	1,445725	1,445484	1,445731	1,447116	1,447033	1,43904	1,441432	1,437807	1,438616
1691	1,446307	1,446106	1,446254	1,447605	1,44744	1,439653	1,44195	1,43848	1,439505
1692	1,446889	1,446728	1,446776	1,448094	1,447847	1,440265	1,442469	1,439153	1,440394
1693	1,447471	1,44735	1,447299	1,448583	1,448254	1,440878	1,442987	1,439826	1,441283
1694	1,4465	1,446345	1,446515	1,447674	1,447391	1,439979	1,442212	1,439022	1,440281
1695	1,445392	1,445197	1,445617	1,446641	1,446415	1,438947	1,441323	1,438088	1,439113
1696	1,444284	1,444049	1,444719	1,445609	1,44544	1,437915	1,440434	1,437153	1,437944
1697	1,443176	1,4429	1,44382	1,444576	1,444464	1,436883	1,439545	1,436219	1,436776
1698	1,442068	1,441752	1,442922	1,443543	1,443488	1,435851	1,438656	1,435285	1,435607
1699	1,44096	1,440604	1,442023	1,44251	1,442513	1,434819	1,437767	1,434351	1,434439

Without NH4: 10th minute						Without NH4: 45th minute			
A5-5	A10-1	A10-2	A10-3	A10-4	A10-5	A45-1	A45-2	A45-3	A45-4
0,121548	0,129495	0,131847	0,128363	0,125118	0,124109	0,129156	0,127672	0,126343	0,126494
0,120548	0,12851	0,130863	0,127365	0,12412	0,123129	0,128144	0,12664	0,125334	0,125451
0,119547	0,127526	0,12988	0,126366	0,123121	0,122148	0,127132	0,125607	0,124325	0,124409
0,118546	0,126542	0,128896	0,125368	0,122123	0,121167	0,12612	0,124575	0,123316	0,123367
0,117546	0,125557	0,127913	0,12437	0,121124	0,120186	0,125108	0,123543	0,122307	0,122325
0,116545	0,124573	0,126929	0,123372	0,120126	0,119205	0,124096	0,12251	0,121299	0,121282
0,115631	0,123675	0,126028	0,122458	0,119217	0,118311	0,123163	0,121565	0,12037	0,120329
0,115134	0,123195	0,125523	0,121953	0,118739	0,117833	0,122611	0,121043	0,119827	0,119806
0,114638	0,122715	0,125018	0,121449	0,118262	0,117355	0,122059	0,12052	0,119284	0,119283
0,114141	0,122236	0,124513	0,120944	0,117784	0,116877	0,121507	0,119997	0,118742	0,118759
0,113645	0,121756	0,124008	0,120439	0,117306	0,116399	0,120955	0,119474	0,118199	0,118236
0,113148	0,121276	0,123503	0,119934	0,116828	0,115921	0,120403	0,118951	0,117656	0,117713
0,112652	0,120796	0,122998	0,11943	0,116351	0,115443	0,119851	0,118428	0,117114	0,117189
0,112604	0,120753	0,122922	0,119355	0,116275	0,115378	0,119761	0,118322	0,117011	0,117092
0,112621	0,120774	0,122908	0,119343	0,116258	0,115374	0,119737	0,118276	0,116972	0,117057
0,112638	0,120794	0,122894	0,11933	0,116241	0,11537	0,119714	0,11823	0,116934	0,117021
0,112656	0,120815	0,122881	0,119318	0,116225	0,115366	0,11969	0,118184	0,116895	0,116986
0,112673	0,120836	0,122867	0,119306	0,116208	0,115362	0,119667	0,118139	0,116857	0,11695
0,11269	0,120856	0,122853	0,119294	0,116191	0,115358	0,119643	0,118093	0,116818	0,116915
0,106118	0,114302	0,116286	0,112721	0,109621	0,108786	0,113073	0,111518	0,110246	0,110342
0,094654	0,102867	0,104855	0,101278	0,098188	0,09734	0,101643	0,100097	0,098823	0,098916
0,083191	0,091432	0,093423	0,089835	0,086754	0,085894	0,090214	0,088676	0,0874	0,08749
0,071727	0,079997	0,081991	0,078393	0,075321	0,074448	0,078784	0,077256	0,075977	0,076064
0,060264	0,068563	0,07056	0,06695	0,063887	0,063001	0,067354	0,065835	0,064554	0,064638
0,048801	0,057128	0,059128	0,055508	0,052453	0,051555	0,055925	0,054414	0,053131	0,053211
0,038722	0,046706	0,048621	0,045151	0,042236	0,041368	0,045559	0,04412	0,042891	0,042966
0,032294	0,038952	0,040549	0,037655	0,035225	0,034501	0,037996	0,036796	0,035771	0,035834
0,025866	0,031199	0,032478	0,03016	0,028213	0,027634	0,030433	0,029472	0,028651	0,028701
0,019438	0,023446	0,024407	0,022665	0,021202	0,020767	0,02287	0,022148	0,021531	0,021569
0,01301	0,015693	0,016336	0,01517	0,014191	0,013899	0,015307	0,014824	0,014411	0,014436
0,006582	0,007939	0,008265	0,007675	0,007179	0,007032	0,007744	0,0075	0,007291	0,007304
0,000154	0,000186	0,000194	0,00018	0,000168	0,000165	0,000181	0,000176	0,000171	0,000171
-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08
-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08
-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08
-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08
-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08
-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08
-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08
-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08
-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08
-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08
-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08
-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08
-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08

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-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07
-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08
-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08
4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10
5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08
9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08
1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07
1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07
1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07
1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07
1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07
1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07
1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07
1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07
1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07
1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07
9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08
8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08
0,000224	0,000905	0,001073	0,000707	0,000444	0,000378	0,000968	0,000845	0,000727	0,000709
0,000655	0,002644	0,003136	0,002067	0,001297	0,001105	0,00283	0,00247	0,002123	0,002071
0,001086	0,004383	0,005199	0,003427	0,002151	0,001831	0,004692	0,004095	0,00352	0,003434
0,001517	0,006123	0,007263	0,004787	0,003004	0,002558	0,006553	0,00572	0,004917	0,004796
0,001948	0,007862	0,009326	0,006147	0,003858	0,003285	0,008415	0,007345	0,006314	0,006159
0,002379	0,009602	0,011389	0,007507	0,004711	0,004011	0,010277	0,008971	0,007711	0,007522
0,007665	0,015867	0,017885	0,013486	0,010311	0,009514	0,016644	0,01516	0,013726	0,013514
0,027211	0,035423	0,037401	0,033028	0,029848	0,029041	0,036241	0,034755	0,033304	0,033102
0,046756	0,054979	0,056916	0,052571	0,049386	0,048567	0,055839	0,054349	0,052882	0,05269
0,066302	0,074535	0,076431	0,072113	0,068923	0,068094	0,075437	0,073943	0,07246	0,072279
0,085848	0,094091	0,095946	0,091655	0,088461	0,087621	0,095034	0,093537	0,092038	0,091867
0,105393	0,113647	0,115462	0,111198	0,107998	0,107147	0,114632	0,113132	0,111616	0,111455
0,124939	0,133203	0,134977	0,13074	0,127535	0,126674	0,13423	0,132726	0,131193	0,131043
0,14408	0,152363	0,15415	0,149914	0,146706	0,145829	0,15349	0,151997	0,150452	0,15029
0,163218	0,171519	0,17332	0,169083	0,165874	0,164979	0,172747	0,171265	0,169708	0,169533
0,182355	0,190674	0,19249	0,188253	0,185041	0,18413	0,192003	0,190533	0,188963	0,188776
0,201492	0,20983	0,21166	0,207422	0,204209	0,203281	0,21126	0,209801	0,208219	0,208019
0,22063	0,228985	0,23083	0,226592	0,223376	0,222432	0,230516	0,22907	0,227475	0,227262
0,239767	0,248141	0,25	0,245761	0,242543	0,241582	0,249773	0,248338	0,24673	0,246506
0,260074	0,268467	0,270319	0,266055	0,262822	0,261858	0,270154	0,268716	0,2671	0,266867
0,280822	0,289234	0,291071	0,286774	0,283521	0,282559	0,290959	0,289514	0,287889	0,287649
0,301571	0,310002	0,311824	0,307492	0,304219	0,30326	0,311764	0,310312	0,308679	0,308432
0,322319	0,330769	0,332576	0,32821	0,324918	0,323961	0,332569	0,33111	0,329469	0,329215
0,343067	0,351536	0,353328	0,348928	0,345616	0,344662	0,353374	0,351908	0,350259	0,349998
0,363815	0,372304	0,374081	0,369647	0,366314	0,365363	0,374179	0,372706	0,371049	0,370781
0,386117	0,394642	0,396398	0,391943	0,388597	0,387645	0,396593	0,395096	0,393449	0,39316
0,41022	0,418802	0,420528	0,41607	0,412717	0,411762	0,420874	0,419331	0,417715	0,41739
0,434322	0,442961	0,444659	0,440198	0,436837	0,435878	0,445154	0,443567	0,441982	0,44162

0,458425	0,467121	0,46879	0,464325	0,460957	0,459995	0,469435	0,467802	0,466248	0,46585
0,482528	0,491281	0,492921	0,488452	0,485077	0,484111	0,493716	0,492038	0,490515	0,490079
0,506631	0,51544	0,517052	0,512579	0,509197	0,508228	0,517996	0,516273	0,514782	0,514309
0,533201	0,542049	0,54364	0,539156	0,535771	0,534796	0,544715	0,542963	0,541484	0,540985
0,569574	0,578391	0,579992	0,575467	0,572096	0,571111	0,581119	0,579403	0,577867	0,577382
0,605948	0,614733	0,616344	0,611779	0,608421	0,607426	0,617524	0,615844	0,61425	0,613778
0,642321	0,651075	0,652696	0,648091	0,644746	0,64374	0,653929	0,652284	0,650632	0,650174
0,678695	0,687417	0,689048	0,684402	0,681071	0,680055	0,690334	0,688725	0,687015	0,68657
0,715068	0,723759	0,7254	0,720714	0,717396	0,71637	0,726739	0,725165	0,723398	0,722966
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0,953147	0,96214	0,963241	0,959076	0,955506	0,954339	0,965315	0,963732	0,961964	0,961534
1,003787	1,012866	1,013827	1,009804	1,006167	1,004968	1,016073	1,014478	1,012726	1,012292
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1,167281	1,176493	1,177725	1,173513	1,170003	1,168648	1,179633	1,177887	1,17625	1,175878
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1,282347	1,291582	1,293358	1,288695	1,285442	1,283954	1,294593	1,292686	1,291162	1,290869
1,33988	1,349127	1,351175	1,346286	1,343162	1,341607	1,352073	1,350085	1,348617	1,348364
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1,446415	1,45566	1,458076	1,452958	1,449981	1,448423	1,458303	1,456247	1,454855	1,45467
1,483584	1,492782	1,495051	1,490237	1,487124	1,485811	1,494944	1,493031	1,491606	1,491436
1,520754	1,529904	1,532025	1,527517	1,524268	1,523198	1,531584	1,529814	1,528358	1,528203
1,557923	1,567025	1,569	1,564796	1,561411	1,560586	1,568225	1,566598	1,56511	1,564969
1,595093	1,604146	1,605974	1,602075	1,598554	1,597974	1,604866	1,603382	1,601862	1,601736
1,632262	1,641268	1,642948	1,639354	1,635698	1,635362	1,641507	1,640165	1,638613	1,638502
1,666235	1,67519	1,676775	1,673417	1,669627	1,669517	1,675039	1,673795	1,672225	1,672152
1,683429	1,692316	1,694077	1,6906	1,686685	1,686702	1,692259	1,690867	1,689356	1,689446
1,700623	1,709442	1,711379	1,707782	1,703744	1,703888	1,709479	1,70794	1,706487	1,70674
1,717816	1,726568	1,728682	1,724965	1,720802	1,721073	1,726699	1,725013	1,723618	1,724034
1,73501	1,743695	1,745984	1,742148	1,737861	1,738259	1,743919	1,742085	1,740749	1,741328
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1,769398	1,777947	1,780589	1,776513	1,771978	1,77263	1,778359	1,776231	1,775011	1,775916
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1,792714	1,801103	1,803312	1,798887	1,795845	1,795579	1,801047	1,798924	1,797026	1,797841
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1,807615	1,815898	1,817797	1,81314	1,811136	1,810229	1,815513	1,813404	1,811033	1,811777
1,815066	1,823295	1,82504	1,820266	1,818781	1,817553	1,822746	1,820644	1,818038	1,818745
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1,827058	1,834629	1,837057	1,832844	1,830673	1,82853	1,835397	1,833086	1,831305	1,831314
1,830589	1,837918	1,840625	1,836641	1,83414	1,831693	1,839207	1,836816	1,835379	1,835129
1,83412	1,841207	1,844194	1,840437	1,837607	1,834857	1,843016	1,840545	1,839452	1,838943
1,837651	1,844496	1,847762	1,844234	1,841074	1,838021	1,846826	1,844275	1,843526	1,842758

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1,846878	1,85344	1,857448	1,853237	1,850574	1,848454	1,855079	1,852984	1,85236	1,851573
1,849837	1,856342	1,86059	1,856033	1,853663	1,852012	1,857557	1,855674	1,855014	1,854286
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1,855754	1,862146	1,866873	1,861625	1,859842	1,859129	1,862515	1,861055	1,860322	1,859712
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1,860125	1,866403	1,870778	1,865825	1,863848	1,863458	1,866669	1,86482	1,864006	1,863905
1,861715	1,867936	1,871816	1,867389	1,865015	1,864549	1,868436	1,866081	1,865223	1,865528
1,863305	1,869469	1,872854	1,868953	1,866182	1,86564	1,870204	1,867342	1,86644	1,86715
1,864896	1,871002	1,873892	1,870517	1,867349	1,866732	1,871972	1,868603	1,867657	1,868773
1,866486	1,872535	1,87493	1,872081	1,868515	1,867823	1,87374	1,869864	1,868874	1,870395
1,868076	1,874068	1,875968	1,873645	1,869682	1,868914	1,875508	1,871125	1,870091	1,872017
1,870551	1,877252	1,879063	1,876382	1,872757	1,871877	1,878303	1,874054	1,873129	1,874898
1,873154	1,880675	1,882455	1,879289	1,876106	1,875109	1,881247	1,877222	1,87643	1,87796
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1,880963	1,890944	1,89263	1,88801	1,886155	1,884807	1,890078	1,886729	1,886331	1,887147
1,883566	1,894367	1,896021	1,890917	1,889505	1,888039	1,893022	1,889898	1,889631	1,890209
1,88474	1,895508	1,897415	1,892115	1,890793	1,889136	1,893893	1,891221	1,890815	1,891264
1,88504	1,89525	1,897584	1,892265	1,890818	1,888924	1,893494	1,891412	1,8907	1,891089
1,885339	1,894993	1,897753	1,892414	1,890843	1,888712	1,893095	1,891604	1,890586	1,890915
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1,885938	1,894478	1,89809	1,892714	1,890893	1,888289	1,892297	1,891988	1,890358	1,890565
1,886238	1,89422	1,898259	1,892864	1,890918	1,888077	1,891898	1,892179	1,890243	1,890391
1,887461	1,895117	1,899294	1,893983	1,891912	1,889052	1,892849	1,893371	1,891255	1,891401
1,890286	1,898013	1,90183	1,896782	1,894582	1,892084	1,89614	1,896293	1,89422	1,894465
1,893111	1,900909	1,904366	1,899581	1,897252	1,895115	1,899431	1,899215	1,897183	1,89753
1,895936	1,903806	1,906903	1,90238	1,899922	1,898147	1,902723	1,902138	1,900147	1,900594
1,898762	1,906702	1,909439	1,905179	1,902593	1,901178	1,906014	1,90506	1,903111	1,903658
1,901587	1,909598	1,911975	1,907978	1,905263	1,90421	1,909305	1,907982	1,906075	1,906722
1,904156	1,912223	1,914315	1,910517	1,907673	1,906944	1,912232	1,910611	1,908728	1,90945
1,904721	1,912712	1,915124	1,911012	1,908045	1,907341	1,912298	1,910932	1,908937	1,909542
1,905286	1,913201	1,915933	1,911507	1,908416	1,907739	1,912365	1,911253	1,909146	1,909633
1,905851	1,91369	1,916742	1,912003	1,908788	1,908137	1,912431	1,911574	1,909355	1,909725
1,906416	1,91418	1,917551	1,912498	1,909159	1,908534	1,912498	1,911895	1,909564	1,909816
1,906981	1,914669	1,918359	1,912993	1,909531	1,908932	1,912564	1,912217	1,909773	1,909907
1,907546	1,915158	1,919168	1,913489	1,909903	1,90933	1,912631	1,912538	1,909982	1,909999
1,909157	1,91657	1,920415	1,915058	1,911333	1,91089	1,914428	1,91404	1,911887	1,911759
1,910938	1,918132	1,921734	1,916803	1,912936	1,91264	1,916507	1,915735	1,914068	1,91379
1,912719	1,919695	1,923052	1,918548	1,914539	1,91439	1,918587	1,91743	1,916249	1,915821
1,9145	1,921257	1,924371	1,920293	1,916142	1,91614	1,920666	1,919125	1,91843	1,917853
1,916281	1,922819	1,925689	1,922037	1,917745	1,917889	1,922746	1,92082	1,920611	1,919884
1,918062	1,924381	1,927007	1,923782	1,919348	1,919639	1,924825	1,922514	1,922792	1,921916
1,919942	1,926075	1,928618	1,92571	1,921383	1,921528	1,926822	1,924501	1,92473	1,924003
1,921886	1,927853	1,930415	1,927756	1,923695	1,923507	1,928767	1,926675	1,926512	1,926127
1,923829	1,929631	1,932213	1,929801	1,926007	1,925486	1,930711	1,92885	1,928295	1,928251

1,925772	1,931409	1,934011	1,931846	1,928318	1,927464	1,932656	1,931024	1,930077	1,930375
1,927715	1,933187	1,935808	1,933892	1,93063	1,929443	1,9346	1,933198	1,931859	1,932499
1,929659	1,934965	1,937606	1,935937	1,932942	1,931422	1,936545	1,935372	1,933641	1,934623
1,931083	1,936433	1,938994	1,937368	1,934556	1,932774	1,937804	1,936889	1,93474	1,935892
1,931577	1,937344	1,939647	1,937697	1,93492	1,933001	1,937832	1,937227	1,934613	1,935631
1,932071	1,938256	1,940301	1,938026	1,935284	1,933228	1,93786	1,937565	1,934486	1,93537
1,932564	1,939167	1,940954	1,938355	1,935648	1,933455	1,937889	1,937903	1,934359	1,935109
1,933058	1,940079	1,941607	1,938684	1,936013	1,933683	1,937917	1,938241	1,934233	1,934847
1,933552	1,94099	1,942261	1,939012	1,936377	1,93391	1,937946	1,938579	1,934106	1,934586
1,934067	1,941913	1,942996	1,939424	1,936843	1,934272	1,938189	1,939038	1,934206	1,934582
1,934755	1,942924	1,94441	1,940517	1,938156	1,935742	1,940202	1,940498	1,936179	1,936707
1,935443	1,943936	1,945825	1,941611	1,939469	1,937213	1,942216	1,941957	1,938153	1,938831
1,936131	1,944947	1,947239	1,942705	1,940781	1,938684	1,94423	1,943416	1,940126	1,940955
1,936819	1,945958	1,948653	1,943798	1,942094	1,940154	1,946243	1,944875	1,9421	1,943079
1,937508	1,94697	1,950067	1,944892	1,943406	1,941625	1,948257	1,946335	1,944074	1,945203
1,938196	1,947981	1,951481	1,945986	1,944719	1,943096	1,95027	1,947794	1,946047	1,947327
1,939053	1,94864	1,95182	1,947067	1,945418	1,943884	1,950531	1,947994	1,946303	1,947724
1,939938	1,949242	1,951982	1,948146	1,946016	1,944559	1,950503	1,947987	1,946277	1,947836
1,940824	1,949843	1,952145	1,949226	1,946614	1,945235	1,950476	1,947981	1,946251	1,947949
1,941709	1,950445	1,952307	1,950305	1,947212	1,94591	1,950448	1,947974	1,946226	1,948061
1,942594	1,951046	1,95247	1,951384	1,94781	1,946586	1,950421	1,947967	1,9462	1,948174
1,94348	1,951647	1,952632	1,952464	1,948408	1,947261	1,950393	1,94796	1,946174	1,948286
1,945278	1,953032	1,954245	1,953824	1,949716	1,948709	1,951887	1,949787	1,94788	1,94966
1,947657	1,954916	1,95678	1,955363	1,951477	1,950648	1,954349	1,952782	1,950689	1,951836
1,950037	1,9568	1,959316	1,956903	1,953237	1,952587	1,956811	1,955776	1,953498	1,954012
1,952416	1,958684	1,961852	1,958442	1,954998	1,954527	1,959274	1,958771	1,956307	1,956189
1,954796	1,960567	1,964388	1,959981	1,956758	1,956466	1,961736	1,961766	1,959117	1,958365
1,957175	1,962451	1,966924	1,961521	1,958519	1,958405	1,964198	1,96476	1,961926	1,960541
1,958628	1,963916	1,968414	1,962617	1,959761	1,959593	1,965708	1,966383	1,963606	1,961926
1,958454	1,964645	1,968068	1,962936	1,960093	1,959462	1,965546	1,965601	1,963306	1,961923
1,958281	1,965375	1,967722	1,963255	1,960425	1,959331	1,965384	1,964818	1,963007	1,96192
1,958108	1,966104	1,967376	1,963574	1,960757	1,9592	1,965221	1,964035	1,962707	1,961917
1,957935	1,966834	1,967031	1,963894	1,961089	1,959069	1,965059	1,963252	1,962407	1,961913
1,957761	1,967563	1,966685	1,964213	1,961421	1,958939	1,964897	1,96247	1,962108	1,96191
1,957844	1,968374	1,966623	1,964752	1,961896	1,959044	1,964987	1,962072	1,96207	1,96214
1,959863	1,969795	1,968707	1,966958	1,963455	1,96093	1,966982	1,964586	1,964016	1,964128
1,961882	1,971215	1,970791	1,969163	1,965014	1,962817	1,968977	1,967099	1,965962	1,966115
1,963901	1,972636	1,972875	1,971369	1,966573	1,964703	1,970972	1,969613	1,967908	1,968103
1,965919	1,974057	1,974958	1,973574	1,968132	1,96659	1,972967	1,972126	1,969853	1,970091
1,967938	1,975478	1,977042	1,97578	1,969691	1,968476	1,974962	1,97464	1,971799	1,972079
1,969957	1,976899	1,979126	1,977985	1,97125	1,970363	1,976956	1,977153	1,973745	1,974066
1,970944	1,977817	1,98006	1,978578	1,972645	1,971454	1,978136	1,977905	1,974371	1,974856
1,971779	1,97866	1,980824	1,978931	1,974015	1,972428	1,979195	1,978396	1,974802	1,975468
1,972614	1,979504	1,981588	1,979284	1,975386	1,973402	1,980255	1,978887	1,975233	1,97608
1,973449	1,980348	1,982351	1,979638	1,976756	1,974375	1,981314	1,979378	1,975664	1,976692
1,974284	1,981191	1,983115	1,979991	1,978126	1,975349	1,982373	1,979869	1,976095	1,977305
1,975119	1,982035	1,983879	1,980344	1,979497	1,976323	1,983432	1,98036	1,976526	1,977917

1,974825	1,981952	1,983826	1,980045	1,97932	1,976284	1,982709	1,979774	1,976244	1,977564
1,973856	1,981315	1,983286	1,979357	1,978218	1,975641	1,980922	1,978544	1,975538	1,976633
1,972888	1,980679	1,982745	1,978668	1,977116	1,974997	1,979135	1,977315	1,974831	1,975703
1,971919	1,980043	1,982204	1,97798	1,976014	1,974353	1,977347	1,976085	1,974123	1,974773
1,970951	1,979406	1,981663	1,977291	1,974913	1,973709	1,97556	1,974855	1,973416	1,973843
1,969982	1,97877	1,981122	1,976603	1,973811	1,973066	1,973773	1,973626	1,972709	1,972913
1,969745	1,978743	1,98109	1,976612	1,973518	1,972978	1,973483	1,973491	1,972831	1,972824
1,970691	1,979702	1,981879	1,977751	1,974533	1,973791	1,975616	1,975128	1,974295	1,974095
1,971637	1,980661	1,982668	1,97889	1,975549	1,974603	1,97775	1,976765	1,975758	1,975365
1,972583	1,981621	1,983458	1,980029	1,976565	1,975416	1,979883	1,978402	1,977222	1,976636
1,97353	1,98258	1,984247	1,981168	1,97758	1,976228	1,982016	1,980039	1,978685	1,977907
1,974476	1,983539	1,985036	1,982307	1,978596	1,977041	1,98415	1,981676	1,980148	1,979177
1,975576	1,984622	1,98595	1,983567	1,979763	1,978002	1,986165	1,983359	1,981638	1,980592
1,977631	1,986466	1,987633	1,985573	1,981865	1,979881	1,987454	1,98532	1,983288	1,982894
1,979686	1,988311	1,989316	1,987579	1,983968	1,981759	1,988742	1,987282	1,984938	1,985197
1,98174	1,990155	1,991	1,989585	1,98607	1,983638	1,990031	1,989243	1,986588	1,987499
1,983795	1,992	1,992683	1,991591	1,988172	1,985517	1,991319	1,991205	1,988238	1,989802
1,98585	1,993845	1,994366	1,993598	1,990275	1,987396	1,992608	1,993166	1,989888	1,992104
1,987905	1,995689	1,99605	1,995604	1,992377	1,989275	1,993896	1,995128	1,991538	1,994407
1,985881	1,993618	1,99439	1,993676	1,990397	1,987461	1,992481	1,99306	1,989707	1,992038
1,983384	1,991092	1,992343	1,991292	1,987944	1,985218	1,990753	1,990525	1,987471	1,989127
1,980888	1,988567	1,990296	1,988907	1,985491	1,982975	1,989025	1,98799	1,985235	1,986216
1,978391	1,986041	1,988249	1,986523	1,983037	1,980732	1,987296	1,985454	1,982999	1,983305
1,975894	1,983515	1,986201	1,984138	1,980584	1,978489	1,985568	1,982919	1,980763	1,980394
1,973397	1,980989	1,984154	1,981754	1,978131	1,976246	1,983839	1,980384	1,978527	1,977482
1,974115	1,981776	1,98493	1,982323	1,978793	1,976949	1,984191	1,98062	1,979107	1,978136
1,976525	1,984306	1,987192	1,984447	1,981096	1,979204	1,985637	1,982315	1,98117	1,980666
1,978935	1,986836	1,989455	1,986572	1,983398	1,981459	1,987084	1,98401	1,983234	1,983197
1,981346	1,989367	1,991717	1,988696	1,985701	1,983714	1,98853	1,985705	1,985297	1,985727
1,983756	1,991897	1,99398	1,99082	1,988004	1,985969	1,989977	1,9874	1,987361	1,988258
1,986166	1,994427	1,996242	1,992945	1,990307	1,988223	1,991423	1,989095	1,989424	1,990788
1,987658	1,995982	1,997715	1,994289	1,991528	1,989529	1,992695	1,99057	1,990968	1,992511
1,987848	1,996157	1,998069	1,994529	1,991217	1,989492	1,99372	1,991733	1,991778	1,993092
1,988039	1,996331	1,998423	1,994768	1,990907	1,989454	1,994744	1,992896	1,992588	1,993672
1,988229	1,996505	1,998777	1,995008	1,990596	1,989417	1,995769	1,994059	1,993397	1,994252
1,98842	1,99668	1,999131	1,995247	1,990286	1,98938	1,996794	1,995222	1,994207	1,994833
1,98861	1,996854	1,999485	1,995487	1,989975	1,989342	1,997818	1,996385	1,995016	1,995413
1,988528	1,996746	1,999536	1,995433	1,989567	1,989119	1,998317	1,997056	1,995351	1,9956
1,987164	1,995304	1,998163	1,993995	1,988695	1,988021	1,996336	1,995406	1,993448	1,993933
1,985799	1,993862	1,99679	1,992557	1,987823	1,986924	1,994355	1,993756	1,991544	1,992267
1,984434	1,992421	1,995417	1,991119	1,986951	1,985826	1,992375	1,992107	1,98964	1,9906
1,98307	1,990979	1,994045	1,989681	1,986079	1,984728	1,990394	1,990457	1,987737	1,988934
1,981705	1,989537	1,992672	1,988243	1,985207	1,983631	1,988414	1,988807	1,985833	1,987267
1,98034	1,988095	1,991299	1,986805	1,984335	1,982533	1,986433	1,987158	1,983929	1,985601
1,980096	1,987764	1,99092	1,986698	1,98391	1,981794	1,985926	1,986025	1,98356	1,984732
1,979928	1,987509	1,990609	1,986682	1,983516	1,98108	1,98552	1,984928	1,983295	1,983917
1,97976	1,987254	1,990298	1,986667	1,983121	1,980365	1,985113	1,983831	1,98303	1,983101

1,979593	1,986998	1,989987	1,986651	1,982727	1,979651	1,984707	1,982734	1,982765	1,982286
1,979425	1,986743	1,989676	1,986635	1,982332	1,978936	1,9843	1,981637	1,9825	1,981471
1,979257	1,986488	1,989365	1,986619	1,981938	1,978222	1,983894	1,980541	1,982234	1,980656
1,97836	1,985615	1,988327	1,985878	1,981365	1,978047	1,983263	1,979714	1,981345	1,980025
1,977147	1,984474	1,986974	1,984822	1,980716	1,978104	1,982535	1,979004	1,980186	1,979475
1,975933	1,983334	1,985621	1,983767	1,980067	1,978162	1,981808	1,978294	1,979027	1,978924
1,97472	1,982194	1,984269	1,982712	1,979418	1,97822	1,98108	1,977585	1,977868	1,978373
1,973507	1,981054	1,982916	1,981656	1,978769	1,978278	1,980352	1,976875	1,976709	1,977822
1,972294	1,979913	1,981563	1,980601	1,978119	1,978336	1,979625	1,976165	1,97555	1,977271
1,970285	1,977825	1,979237	1,978205	1,975999	1,976432	1,977497	1,974326	1,973336	1,975257
1,967346	1,974628	1,975773	1,974242	1,972157	1,972234	1,973733	1,971166	1,969891	1,971533
1,964408	1,971431	1,97231	1,97028	1,968316	1,968036	1,969969	1,968005	1,966445	1,967809
1,961469	1,968234	1,968847	1,966317	1,964474	1,963838	1,966205	1,964845	1,963	1,964085
1,95853	1,965037	1,965383	1,962354	1,960633	1,95964	1,962442	1,961685	1,959554	1,960361
1,955591	1,96184	1,96192	1,958392	1,956791	1,955442	1,958678	1,958525	1,956109	1,956638
1,952099	1,95821	1,958197	1,954199	1,952715	1,951011	1,954608	1,954897	1,952208	1,952501
1,946704	1,953087	1,953581	1,949213	1,94783	1,945778	1,949486	1,949659	1,946736	1,946942
1,941309	1,947964	1,948964	1,944228	1,942945	1,940544	1,944364	1,94442	1,941265	1,941384
1,935914	1,942842	1,944348	1,939242	1,93806	1,935311	1,939242	1,939182	1,935794	1,935825
1,930519	1,937719	1,939731	1,934257	1,933174	1,930078	1,93412	1,933943	1,930323	1,930267
1,925124	1,932596	1,935115	1,929271	1,928289	1,924845	1,928998	1,928705	1,924852	1,924708
1,919729	1,927473	1,930499	1,924286	1,923404	1,919611	1,923876	1,923466	1,919381	1,91915
1,914631	1,922325	1,924892	1,919654	1,918148	1,914981	1,918829	1,918129	1,914354	1,914288
1,909535	1,917177	1,919275	1,915025	1,912889	1,910356	1,913783	1,91279	1,909332	1,909433
1,904439	1,912028	1,913658	1,910397	1,907629	1,905732	1,908736	1,907451	1,90431	1,904578
1,899344	1,90688	1,908041	1,905768	1,90237	1,901107	1,90369	1,902112	1,899287	1,899723
1,894248	1,901731	1,902425	1,901139	1,89711	1,896483	1,898644	1,896774	1,894265	1,894868
1,889152	1,896583	1,896808	1,896511	1,89185	1,891858	1,893597	1,891435	1,889243	1,890014
1,881887	1,889402	1,889743	1,889349	1,884916	1,884771	1,886279	1,884263	1,882304	1,882977
1,873918	1,881561	1,882208	1,881366	1,877439	1,876884	1,878224	1,876496	1,874744	1,875232
1,865949	1,87372	1,874673	1,873382	1,869961	1,868998	1,870169	1,868729	1,867184	1,867487
1,85798	1,865879	1,867138	1,865399	1,862483	1,861112	1,862113	1,860961	1,859624	1,859743
1,850011	1,858038	1,859603	1,857415	1,855006	1,853225	1,854058	1,853194	1,852064	1,851998
1,842042	1,850197	1,852068	1,849432	1,847528	1,845339	1,846002	1,845427	1,844504	1,844253
1,834352	1,842474	1,844651	1,841549	1,839822	1,837521	1,838361	1,837814	1,836866	1,836592
1,826916	1,834859	1,837342	1,833759	1,831906	1,829765	1,831098	1,830342	1,829157	1,829006
1,819481	1,827244	1,830033	1,825968	1,823991	1,822009	1,823835	1,822869	1,821447	1,821421
1,812045	1,819629	1,822724	1,818177	1,816075	1,814254	1,816572	1,815397	1,813738	1,813836
1,80461	1,812014	1,815415	1,810387	1,80816	1,806498	1,80931	1,807924	1,806029	1,80625
1,797174	1,804399	1,808106	1,802596	1,800244	1,798742	1,802047	1,800452	1,79832	1,798665
1,788966	1,796013	1,799878	1,794176	1,791645	1,790251	1,793755	1,792104	1,789811	1,790243
1,778864	1,78574	1,7894	1,784212	1,781372	1,779959	1,782942	1,781614	1,779346	1,779775
1,768763	1,775468	1,778921	1,774249	1,771099	1,769667	1,77213	1,771124	1,768881	1,769307
1,758662	1,765195	1,768443	1,764285	1,760827	1,759374	1,761318	1,760634	1,758416	1,758839
1,748561	1,754922	1,757964	1,754322	1,750554	1,749082	1,750506	1,750144	1,747951	1,74837
1,738459	1,74465	1,747486	1,744358	1,740281	1,73879	1,739694	1,739655	1,737486	1,737902
1,7285	1,734551	1,737197	1,734548	1,730187	1,7287	1,729092	1,72935	1,72721	1,727612

1,720854	1,727288	1,72998	1,727236	1,723	1,721908	1,721909	1,722065	1,720005	1,720212
1,713207	1,720025	1,722764	1,719924	1,715814	1,715115	1,714725	1,71478	1,7128	1,712812
1,705561	1,712762	1,715548	1,712612	1,708627	1,708322	1,707541	1,707494	1,705596	1,705412
1,697914	1,705499	1,708332	1,7053	1,701441	1,70153	1,700357	1,700209	1,698391	1,698012
1,690268	1,698236	1,701115	1,697988	1,694254	1,694737	1,693174	1,692923	1,691186	1,690613
1,682621	1,690973	1,693899	1,690676	1,687068	1,687944	1,68599	1,685638	1,683981	1,683213
1,67327	1,681703	1,684653	1,681237	1,677992	1,678485	1,676627	1,676134	1,67455	1,673956
1,663565	1,672017	1,674986	1,671355	1,668525	1,668472	1,666811	1,66617	1,664657	1,664314
1,65386	1,66233	1,665318	1,661474	1,659057	1,658459	1,656994	1,656206	1,654763	1,654671
1,644155	1,652643	1,65565	1,651593	1,64959	1,648446	1,647178	1,646242	1,64487	1,645029
1,634449	1,642957	1,645983	1,641712	1,640122	1,638433	1,637362	1,636277	1,634977	1,635386
1,624744	1,63327	1,636315	1,63183	1,630655	1,62842	1,627546	1,626313	1,625083	1,625744
1,615168	1,623648	1,626633	1,622146	1,620978	1,618688	1,617959	1,616514	1,615418	1,616247
1,605679	1,61407	1,616943	1,612594	1,61116	1,609143	1,608526	1,606827	1,605907	1,606848
1,59619	1,604492	1,607252	1,603043	1,601342	1,599599	1,599093	1,597139	1,596396	1,59745
1,5867	1,594914	1,597561	1,593491	1,591524	1,590055	1,58966	1,587452	1,586885	1,588051
1,577211	1,585335	1,587871	1,583939	1,581706	1,580511	1,580227	1,577765	1,577374	1,578653
1,567722	1,575757	1,57818	1,574387	1,571888	1,570967	1,570794	1,568077	1,567863	1,569254
1,559585	1,567515	1,56992	1,566125	1,563457	1,562762	1,562537	1,559842	1,559648	1,561079
1,553761	1,561556	1,564107	1,560067	1,5574	1,556847	1,556292	1,554088	1,553648	1,554996
1,547937	1,555596	1,558293	1,554008	1,551343	1,550933	1,550047	1,548335	1,547647	1,548913
1,542113	1,549637	1,55248	1,54795	1,545286	1,545018	1,543802	1,542582	1,541647	1,54283
1,536289	1,543678	1,546666	1,541892	1,539229	1,539103	1,537557	1,536829	1,535646	1,536747
1,530465	1,537719	1,540852	1,535833	1,533172	1,533189	1,531313	1,531076	1,529646	1,530664
1,52402	1,531191	1,534415	1,529207	1,52656	1,526683	1,524563	1,524721	1,523102	1,524016
1,513818	1,52122	1,524206	1,51915	1,516602	1,516603	1,514764	1,514731	1,513269	1,513953
1,503617	1,511249	1,513996	1,509092	1,506643	1,506523	1,504964	1,50474	1,503437	1,50389
1,493415	1,501279	1,503787	1,499035	1,496685	1,496442	1,495165	1,494749	1,493605	1,493827
1,483214	1,491308	1,493578	1,488977	1,486726	1,486362	1,485366	1,484759	1,483773	1,483763
1,473012	1,481337	1,483369	1,47892	1,476768	1,476282	1,475566	1,474768	1,47394	1,4737
1,462811	1,471366	1,47316	1,468862	1,466809	1,466202	1,465767	1,464777	1,464108	1,463637
1,45617	1,464645	1,466687	1,46243	1,460261	1,459662	1,458925	1,45796	1,457241	1,456898
1,449859	1,458225	1,460561	1,456335	1,454029	1,453452	1,452358	1,451439	1,450648	1,450468
1,443548	1,451805	1,454435	1,45024	1,447798	1,447241	1,445791	1,444916	1,444056	1,444037
1,437238	1,445386	1,448309	1,444145	1,441566	1,441031	1,439224	1,438394	1,437463	1,437607
1,430927	1,438966	1,442183	1,43805	1,435334	1,43482	1,432656	1,431872	1,430871	1,431177
1,424617	1,432546	1,436057	1,431955	1,429102	1,428609	1,426089	1,42535	1,424278	1,424747
1,418923	1,426765	1,430276	1,426147	1,423288	1,422862	1,42032	1,419591	1,418548	1,418975
1,413508	1,421271	1,424649	1,420469	1,417661	1,417324	1,414911	1,414175	1,413207	1,413502
1,408093	1,415778	1,419023	1,414791	1,412034	1,411787	1,409502	1,408759	1,407866	1,408028
1,402678	1,410285	1,413397	1,409113	1,406407	1,406249	1,404093	1,403344	1,402525	1,402555
1,397264	1,404791	1,407771	1,403435	1,40078	1,400711	1,398685	1,397928	1,397184	1,397081
1,391849	1,399298	1,402145	1,397757	1,395153	1,395174	1,393276	1,392512	1,391843	1,391608
1,386036	1,393518	1,396263	1,391868	1,389245	1,389253	1,387511	1,386695	1,386052	1,385761
1,379765	1,387408	1,390085	1,385735	1,383014	1,382891	1,381335	1,380414	1,379743	1,379483
1,373495	1,381299	1,383907	1,379603	1,376783	1,376529	1,37516	1,374133	1,373434	1,373206
1,367224	1,375189	1,37773	1,37347	1,370552	1,370166	1,368985	1,367852	1,367125	1,366928

1,360954	1,369079	1,371552	1,367338	1,364321	1,363804	1,36281	1,361572	1,360816	1,360651
1,354683	1,362969	1,365375	1,361205	1,358089	1,357442	1,356634	1,355291	1,354507	1,354373
1,349419	1,357805	1,360166	1,356047	1,352862	1,352148	1,351433	1,350038	1,349207	1,349129
1,347325	1,355619	1,358011	1,353957	1,350799	1,350217	1,3493	1,348024	1,347083	1,347137
1,345232	1,353434	1,355855	1,351866	1,348736	1,348286	1,347167	1,346009	1,344959	1,345145
1,343138	1,351248	1,353699	1,349776	1,346672	1,346354	1,345034	1,343995	1,342834	1,343153
1,341044	1,349062	1,351543	1,347686	1,344609	1,344423	1,342901	1,34198	1,34071	1,341161
1,338951	1,346877	1,349388	1,345596	1,342546	1,342492	1,340768	1,339966	1,338586	1,339169
1,336907	1,344745	1,347286	1,343556	1,340533	1,340607	1,338689	1,338002	1,336515	1,337227
1,337603	1,345576	1,348132	1,34428	1,341308	1,341205	1,339615	1,33878	1,337331	1,337982
1,338299	1,346406	1,348979	1,345003	1,342082	1,341804	1,34054	1,339559	1,338147	1,338737
1,338995	1,347236	1,349826	1,345727	1,342857	1,342403	1,341465	1,340338	1,338963	1,339493
1,339691	1,348066	1,350672	1,346451	1,343632	1,343002	1,342391	1,341116	1,339779	1,340248
1,340387	1,348897	1,351519	1,347175	1,344406	1,343601	1,343316	1,341895	1,340595	1,341004
1,341084	1,349727	1,352365	1,347898	1,345181	1,3442	1,344241	1,342674	1,341411	1,341759
1,344055	1,352633	1,355317	1,350774	1,348096	1,347149	1,347299	1,345642	1,344508	1,344851
1,347609	1,356072	1,358808	1,354201	1,35156	1,3507	1,350904	1,349172	1,34819	1,348542
1,351163	1,35951	1,362299	1,357629	1,355023	1,354252	1,354508	1,352702	1,351872	1,352232
1,354717	1,362949	1,36579	1,361056	1,358487	1,357803	1,358113	1,356232	1,355555	1,355923
1,358271	1,366387	1,369282	1,364483	1,36195	1,361354	1,361717	1,359761	1,359237	1,359614
1,361825	1,369825	1,372773	1,367911	1,365414	1,364905	1,365322	1,363291	1,362919	1,363304
1,366485	1,374458	1,377385	1,372574	1,370085	1,369603	1,370026	1,368048	1,367624	1,368021
1,371958	1,37997	1,382823	1,378149	1,375644	1,375144	1,375539	1,373709	1,373082	1,373493
1,377432	1,385482	1,388261	1,383723	1,381204	1,380685	1,381052	1,379369	1,37854	1,378964
1,382905	1,390994	1,393698	1,389297	1,386763	1,386227	1,386566	1,38503	1,383998	1,384436
1,388378	1,396506	1,399136	1,394871	1,392322	1,391768	1,392079	1,39069	1,389456	1,389908
1,393851	1,402018	1,404574	1,400445	1,397881	1,39731	1,397593	1,39635	1,394914	1,39538
1,399649	1,407847	1,410403	1,406354	1,403772	1,403139	1,403541	1,402362	1,400772	1,401277
1,406033	1,41425	1,416941	1,41287	1,410261	1,409491	1,410277	1,40901	1,407355	1,407943
1,412418	1,420653	1,423478	1,419386	1,416751	1,415843	1,417012	1,415658	1,413938	1,41461
1,418802	1,427056	1,430016	1,425901	1,42324	1,422195	1,423748	1,422306	1,420521	1,421276
1,425187	1,433459	1,436553	1,432417	1,429729	1,428547	1,430483	1,428954	1,427103	1,427942
1,431571	1,439862	1,443091	1,438933	1,436219	1,434899	1,437219	1,435602	1,433686	1,434609
1,43718	1,44547	1,448787	1,444633	1,441891	1,44046	1,443134	1,44143	1,439484	1,440463
1,437901	1,446063	1,44918	1,445195	1,442412	1,441037	1,443881	1,442088	1,440333	1,441203
1,438623	1,446656	1,449574	1,445757	1,442934	1,441613	1,444628	1,442747	1,441183	1,441943
1,439345	1,44725	1,449967	1,446319	1,443455	1,44219	1,445375	1,443405	1,442033	1,442684
1,440066	1,447843	1,450361	1,446881	1,443977	1,442766	1,446121	1,444064	1,442882	1,443424
1,440788	1,448436	1,450754	1,447443	1,444498	1,443343	1,446868	1,444722	1,443732	1,444164
1,44151	1,44903	1,451147	1,448005	1,445019	1,443919	1,447615	1,445381	1,444582	1,444904
1,440587	1,448229	1,450384	1,447252	1,444178	1,443141	1,446804	1,444707	1,443865	1,444175
1,43952	1,447304	1,449518	1,446384	1,443216	1,442244	1,445854	1,443916	1,443009	1,443316
1,438452	1,44638	1,448652	1,445515	1,442255	1,441347	1,444905	1,443124	1,442154	1,442457
1,437385	1,445456	1,447786	1,444646	1,441293	1,44045	1,443956	1,442333	1,441299	1,441598
1,436317	1,444532	1,44692	1,443778	1,440331	1,439553	1,443007	1,441541	1,440444	1,440739
1,43525	1,443608	1,446054	1,442909	1,439369	1,438656	1,442058	1,44075	1,439589	1,43988

With NH4: 0 minute						With NH4: 5th minute			
A45-5	ANO-1	ANO-2	ANO-3	ANO-4	ANO-5	AN5-1	AN5-2	AN5-3	AN5-4
0,127104	0,120934	0,119846	0,120018	0,120045	0,119869	0,121697	0,122069	0,122268	0,122247
0,126081	0,119953	0,118864	0,11902	0,119046	0,118895	0,120729	0,121097	0,121303	0,121278
0,125059	0,118973	0,117882	0,118022	0,118047	0,117922	0,119761	0,120125	0,120338	0,120309
0,124037	0,117992	0,1169	0,117025	0,117049	0,116949	0,118793	0,119154	0,119374	0,11934
0,123014	0,117012	0,115918	0,116027	0,11605	0,115976	0,117825	0,118182	0,118409	0,118371
0,121992	0,116031	0,114936	0,115029	0,115051	0,115003	0,116856	0,11721	0,117444	0,117402
0,121055	0,115144	0,114044	0,114125	0,114145	0,114118	0,115976	0,116324	0,116559	0,116519
0,120528	0,114702	0,113587	0,113669	0,113688	0,113662	0,115518	0,115848	0,116057	0,116047
0,120002	0,11426	0,113129	0,113213	0,113232	0,113205	0,115059	0,115373	0,115554	0,115575
0,119475	0,113819	0,112672	0,112757	0,112775	0,112749	0,114601	0,114897	0,115052	0,115104
0,118948	0,113377	0,112214	0,112302	0,112318	0,112292	0,114143	0,114422	0,114549	0,114632
0,118421	0,112936	0,111757	0,111846	0,111861	0,111836	0,113685	0,113946	0,114047	0,11416
0,117895	0,112494	0,111299	0,11139	0,111404	0,111379	0,113226	0,113471	0,113544	0,113689
0,117787	0,112423	0,111228	0,111321	0,111331	0,111308	0,113174	0,113425	0,113503	0,113633
0,11774	0,112406	0,111213	0,111307	0,111314	0,111293	0,11318	0,113441	0,113529	0,113638
0,117694	0,112388	0,111198	0,111293	0,111297	0,111277	0,113186	0,113457	0,113554	0,113644
0,117647	0,112371	0,111183	0,11128	0,111279	0,111262	0,113192	0,113474	0,11358	0,113649
0,1176	0,112353	0,111168	0,111266	0,111262	0,111247	0,113198	0,11349	0,113605	0,113654
0,117553	0,112336	0,111153	0,111253	0,111244	0,111231	0,113205	0,113506	0,113631	0,113659
0,110977	0,105737	0,104557	0,104654	0,104647	0,104627	0,106635	0,106943	0,107068	0,107086
0,099555	0,094253	0,093077	0,093167	0,093166	0,093132	0,095184	0,095496	0,095615	0,095629
0,088132	0,082769	0,081596	0,081679	0,081685	0,081636	0,083733	0,08405	0,084162	0,084173
0,07671	0,071285	0,070116	0,070192	0,070204	0,070141	0,072282	0,072603	0,07271	0,072716
0,065288	0,059801	0,058636	0,058705	0,058722	0,058646	0,060831	0,061156	0,061257	0,06126
0,053865	0,048317	0,047156	0,047218	0,047241	0,047151	0,04938	0,049709	0,049804	0,049803
0,043594	0,038245	0,037137	0,037192	0,037218	0,037122	0,039285	0,039603	0,039689	0,039686
0,036357	0,031896	0,030972	0,031018	0,03104	0,03096	0,032764	0,033028	0,033101	0,033098
0,029121	0,025548	0,024808	0,024844	0,024862	0,024797	0,026242	0,026454	0,026512	0,02651
0,021884	0,019199	0,018643	0,01867	0,018683	0,018635	0,019721	0,01988	0,019924	0,019922
0,014647	0,01285	0,012478	0,012496	0,012505	0,012473	0,013199	0,013306	0,013335	0,013334
0,00741	0,006501	0,006313	0,006322	0,006327	0,00631	0,006678	0,006732	0,006747	0,006746
0,000174	0,000152	0,000148	0,000148	0,000148	0,000148	0,000156	0,000158	0,000158	0,000158
-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08
-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08
-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08
-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08
-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08
-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08
-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08
-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08
-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08
-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08
-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08
-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08
-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08

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-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07
-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07
-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08
-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08
4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10
5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08
9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08
1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07
1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07
1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07
1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07
1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07
1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07
1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07
1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07
1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07
1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07
9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08
8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08
0,000753	5,28E-08	5,28E-08	5,28E-08	5,28E-08	5,28E-08	0,000141	0,000173	0,000187	0,000185
0,0022	1,12E-08	1,12E-08	1,12E-08	1,12E-08	1,12E-08	0,000412	0,000506	0,000548	0,000542
0,003647	-3,04E-08	-3,04E-08	-3,04E-08	-3,04E-08	-3,04E-08	0,000683	0,000839	0,000908	0,000898
0,005094	-7,20E-08	-7,20E-08	-7,20E-08	-7,20E-08	-7,20E-08	0,000954	0,001172	0,001268	0,001255
0,006541	-1,14E-07	-1,14E-07	-1,14E-07	-1,14E-07	-1,14E-07	0,001224	0,001505	0,001629	0,001611
0,007988	-1,55E-07	-1,55E-07	-1,55E-07	-1,55E-07	-1,55E-07	0,001495	0,001839	0,001989	0,001968
0,014039	0,00479	0,004756	0,004763	0,004765	0,004763	0,006651	0,007046	0,007208	0,007184
0,033612	0,023646	0,023479	0,023515	0,023522	0,023514	0,026149	0,026568	0,026694	0,02667
0,053185	0,042503	0,042201	0,042267	0,04228	0,042265	0,045648	0,046089	0,04618	0,046157
0,072758	0,061359	0,060924	0,061019	0,061038	0,061015	0,065147	0,065611	0,065666	0,065643
0,092331	0,080216	0,079646	0,079771	0,079795	0,079766	0,084646	0,085133	0,085152	0,08513
0,111904	0,099072	0,098369	0,098522	0,098553	0,098517	0,104145	0,104654	0,104639	0,104616
0,131477	0,117929	0,117092	0,117274	0,11731	0,117268	0,123644	0,124176	0,124125	0,124103
0,150711	0,136944	0,13612	0,136298	0,136342	0,136305	0,142828	0,143338	0,143315	0,143275
0,169941	0,15596	0,155151	0,155325	0,155376	0,155346	0,162009	0,162496	0,162502	0,162444
0,189171	0,174977	0,174182	0,174352	0,174411	0,174386	0,18119	0,181655	0,18169	0,181614
0,208402	0,193993	0,193213	0,193379	0,193445	0,193426	0,200371	0,200813	0,200877	0,200783
0,227632	0,213009	0,212244	0,212406	0,212479	0,212467	0,219553	0,219971	0,220064	0,219952
0,246862	0,232026	0,231275	0,231433	0,231514	0,231507	0,238734	0,239129	0,239252	0,239122
0,267225	0,251965	0,251234	0,251394	0,251465	0,251469	0,258972	0,259366	0,259482	0,259332
0,288016	0,272252	0,271542	0,271709	0,271763	0,27178	0,27961	0,28001	0,280105	0,279937
0,308807	0,29254	0,29185	0,292023	0,29206	0,29209	0,300247	0,300654	0,300729	0,300541
0,329598	0,312827	0,312158	0,312337	0,312358	0,312401	0,320885	0,321298	0,321353	0,321145
0,350389	0,333115	0,332466	0,332651	0,332656	0,332711	0,341523	0,341942	0,341976	0,341749
0,37118	0,353402	0,352775	0,352965	0,352953	0,353022	0,36216	0,362586	0,3626	0,362353
0,393557	0,375326	0,374728	0,374924	0,374909	0,374979	0,384405	0,384828	0,384832	0,384567
0,417772	0,399148	0,39859	0,398791	0,398789	0,398848	0,408516	0,408925	0,408929	0,408649
0,441987	0,42297	0,422451	0,422658	0,422668	0,422717	0,432626	0,433021	0,433027	0,432731

0,466202	0,446793	0,446313	0,446525	0,446548	0,446585	0,456736	0,457118	0,457124	0,456813
0,490417	0,470615	0,470174	0,470391	0,470427	0,470454	0,480846	0,481214	0,481222	0,480894
0,514633	0,494437	0,494036	0,494258	0,494307	0,494322	0,504956	0,505311	0,505319	0,504976
0,541296	0,520728	0,520363	0,520586	0,520652	0,520659	0,53151	0,531867	0,53187	0,531519
0,57769	0,556831	0,556487	0,556692	0,556795	0,556806	0,567774	0,568196	0,568168	0,567842
0,614084	0,592934	0,592612	0,592797	0,592937	0,592953	0,604039	0,604526	0,604466	0,604165
0,650478	0,629037	0,628736	0,628903	0,62908	0,629099	0,640304	0,640855	0,640763	0,640487
0,686872	0,665141	0,664861	0,665009	0,665223	0,665246	0,676569	0,677185	0,677061	0,67681
0,723266	0,701244	0,700985	0,701115	0,701366	0,701392	0,712834	0,713514	0,713359	0,713133
0,75966	0,737347	0,737109	0,737221	0,737509	0,737539	0,749099	0,749844	0,749657	0,749456
0,809549	0,786835	0,786643	0,786826	0,787057	0,787138	0,798982	0,799645	0,79946	0,799217
0,8603	0,837178	0,837033	0,837294	0,837462	0,837596	0,849736	0,850307	0,850126	0,849837
0,911052	0,887522	0,887423	0,887762	0,887867	0,888055	0,90049	0,900968	0,900791	0,900458
0,961803	0,937865	0,937812	0,938229	0,938272	0,938514	0,951244	0,95163	0,951457	0,951078
1,012554	0,988208	0,988203	0,988697	0,988676	0,988972	1,001998	1,002292	1,002123	1,001698
1,063306	1,038552	1,038592	1,039165	1,039081	1,039431	1,052752	1,052954	1,052788	1,052318
1,118652	1,094243	1,094273	1,094783	1,094677	1,095044	1,108154	1,108387	1,108188	1,107778
1,176171	1,152463	1,152455	1,152838	1,152728	1,153094	1,165755	1,166077	1,165826	1,165526
1,23369	1,210683	1,210636	1,210892	1,210778	1,211144	1,223355	1,223766	1,223464	1,223275
1,291209	1,268903	1,268818	1,268947	1,268829	1,269194	1,280956	1,281456	1,281102	1,281023
1,348728	1,327122	1,327	1,327001	1,326879	1,327245	1,338556	1,339145	1,33874	1,338772
1,406247	1,385342	1,385182	1,385055	1,38493	1,385295	1,396157	1,396835	1,396378	1,39652
1,455071	1,435069	1,434873	1,434692	1,434545	1,434868	1,445243	1,445889	1,445424	1,445642
1,491836	1,473014	1,472787	1,472653	1,472461	1,472685	1,482519	1,482966	1,482553	1,4828
1,528602	1,51096	1,5107	1,510614	1,510376	1,510501	1,519794	1,520042	1,519681	1,519957
1,565367	1,548906	1,548614	1,548576	1,548291	1,548318	1,55707	1,557119	1,55681	1,557115
1,602132	1,586852	1,586528	1,586537	1,586207	1,586134	1,594346	1,594196	1,593939	1,594273
1,638897	1,624798	1,624442	1,624498	1,624122	1,623951	1,631622	1,631272	1,631067	1,631431
1,672547	1,659597	1,659167	1,659223	1,65886	1,658568	1,665736	1,665268	1,665111	1,66543
1,689845	1,677879	1,677155	1,67696	1,676919	1,676392	1,683249	1,683088	1,682965	1,68285
1,707143	1,696161	1,695144	1,694697	1,694978	1,694217	1,700761	1,700909	1,700818	1,700271
1,724441	1,714444	1,713132	1,712435	1,713037	1,712042	1,718274	1,71873	1,718671	1,717692
1,741738	1,732726	1,731121	1,730172	1,731096	1,729866	1,735787	1,736551	1,736524	1,735113
1,759036	1,751008	1,749109	1,747909	1,749155	1,747691	1,7533	1,754372	1,754378	1,752533
1,776334	1,769291	1,767097	1,765647	1,767213	1,765515	1,770813	1,772193	1,772231	1,769954
1,784458	1,777444	1,775502	1,774371	1,775568	1,774384	1,778735	1,780133	1,780288	1,77817
1,791574	1,784485	1,782854	1,782104	1,782857	1,782269	1,785603	1,786988	1,787268	1,785374
1,79869	1,791525	1,790206	1,789838	1,790145	1,790154	1,792471	1,793842	1,794248	1,792578
1,805806	1,798566	1,797558	1,797572	1,797433	1,798039	1,799338	1,800697	1,801228	1,799782
1,812921	1,805606	1,80491	1,805305	1,804722	1,805924	1,806206	1,807552	1,808208	1,806986
1,820037	1,812647	1,812261	1,813039	1,81201	1,813809	1,813074	1,814406	1,815188	1,81419
1,825023	1,817595	1,816868	1,818101	1,816769	1,818619	1,817988	1,819041	1,819866	1,819275
1,828825	1,821383	1,819951	1,821678	1,820124	1,82172	1,821816	1,822442	1,823266	1,823184
1,832628	1,82517	1,823033	1,825255	1,823478	1,824822	1,825645	1,825844	1,826666	1,827092
1,83643	1,828957	1,826115	1,828833	1,826833	1,827923	1,829474	1,829245	1,830066	1,831001
1,840232	1,832744	1,829198	1,83241	1,830187	1,831025	1,833302	1,832646	1,833465	1,834909
1,844035	1,836531	1,83228	1,835988	1,833542	1,834126	1,837131	1,836048	1,836865	1,838818

1,847439	1,839949	1,835642	1,839251	1,836833	1,837301	1,84067	1,839385	1,84017	1,842159
1,850209	1,842781	1,839446	1,842013	1,840025	1,840592	1,843747	1,842621	1,843324	1,844596
1,852979	1,845612	1,843251	1,844776	1,843216	1,843883	1,846824	1,845857	1,846477	1,847034
1,85575	1,848443	1,847056	1,847538	1,846408	1,847174	1,849901	1,849092	1,849631	1,849472
1,85852	1,851275	1,850861	1,850301	1,849599	1,850465	1,852978	1,852328	1,852784	1,85191
1,861291	1,854106	1,854666	1,853063	1,85279	1,853756	1,856055	1,855564	1,855938	1,854348
1,863873	1,856726	1,858065	1,855632	1,855689	1,85675	1,858882	1,858551	1,858868	1,856668
1,865193	1,857931	1,858752	1,856899	1,856631	1,85776	1,860037	1,859878	1,860302	1,858201
1,866513	1,859136	1,859438	1,858166	1,857572	1,858769	1,861191	1,861204	1,861737	1,859734
1,867834	1,860342	1,860125	1,859433	1,858513	1,859779	1,862346	1,86253	1,863172	1,861267
1,869154	1,861547	1,860811	1,8607	1,859455	1,860788	1,863501	1,863857	1,864606	1,8628
1,870474	1,862752	1,861498	1,861967	1,860396	1,861797	1,864656	1,865183	1,866041	1,864333
1,871795	1,863958	1,862184	1,863234	1,861337	1,862807	1,865811	1,86651	1,867475	1,865866
1,874651	1,8674	1,86531	1,866165	1,864766	1,866149	1,868832	1,869466	1,870586	1,869137
1,877729	1,871165	1,868788	1,869336	1,868553	1,869828	1,872121	1,872658	1,873938	1,872659
1,880807	1,87493	1,872267	1,872507	1,87234	1,873507	1,875411	1,875849	1,877291	1,876181
1,883885	1,878695	1,875745	1,875678	1,876127	1,877186	1,8787	1,879041	1,880643	1,879703
1,886963	1,882459	1,879223	1,878849	1,879915	1,880865	1,88199	1,882232	1,883995	1,883224
1,89004	1,886224	1,882701	1,88202	1,883702	1,884544	1,88528	1,885424	1,887348	1,886746
1,891015	1,887139	1,88409	1,883238	1,885071	1,885696	1,886606	1,886605	1,888255	1,887883
1,890701	1,886306	1,884199	1,88326	1,884958	1,885301	1,886728	1,886555	1,887662	1,887557
1,890387	1,885474	1,884307	1,883281	1,884845	1,884905	1,88685	1,886504	1,88707	1,887232
1,890073	1,884641	1,884416	1,883303	1,884731	1,884509	1,886971	1,886453	1,886478	1,886907
1,889759	1,883809	1,884525	1,883324	1,884618	1,884113	1,887093	1,886402	1,885885	1,886581
1,889445	1,882976	1,884633	1,883346	1,884505	1,883718	1,887215	1,886352	1,885293	1,886256
1,890521	1,883692	1,885762	1,884465	1,885457	1,884559	1,888276	1,887393	1,886092	1,887105
1,894004	1,887091	1,888657	1,887486	1,888252	1,887545	1,890963	1,890324	1,889302	1,889991
1,897488	1,89049	1,891553	1,890507	1,891048	1,890532	1,893649	1,893256	1,892512	1,892877
1,900972	1,893889	1,894448	1,893528	1,893844	1,893518	1,896336	1,896188	1,895722	1,895762
1,904455	1,897287	1,897344	1,896549	1,89664	1,896504	1,899023	1,89912	1,898932	1,898648
1,907939	1,900686	1,900239	1,89957	1,899436	1,89949	1,901709	1,902052	1,902141	1,901533
1,911053	1,903751	1,902856	1,902307	1,902006	1,902221	1,90419	1,904748	1,905067	1,904181
1,911265	1,904198	1,903283	1,902815	1,902801	1,902954	1,905055	1,905596	1,905761	1,904964
1,911476	1,904645	1,90371	1,903322	1,903597	1,903687	1,905919	1,906444	1,906455	1,905746
1,911688	1,905091	1,904137	1,903829	1,904392	1,904419	1,906784	1,907292	1,907149	1,906529
1,9119	1,905538	1,904564	1,904336	1,905187	1,905152	1,907649	1,90814	1,907843	1,907312
1,912112	1,905985	1,904991	1,904843	1,905983	1,905885	1,908513	1,908988	1,908537	1,908095
1,912324	1,906431	1,905418	1,90535	1,906778	1,906617	1,909378	1,909836	1,909231	1,908878
1,913738	1,908173	1,90694	1,906868	1,907771	1,908193	1,91059	1,910967	1,910515	1,909959
1,915348	1,910126	1,90864	1,90855	1,908797	1,909907	1,911859	1,912145	1,911894	1,911088
1,916958	1,912079	1,910341	1,910231	1,909822	1,91162	1,913128	1,913322	1,913273	1,912218
1,918568	1,914032	1,912041	1,911913	1,910847	1,913334	1,914397	1,9145	1,914652	1,913348
1,920179	1,915985	1,913741	1,913595	1,911872	1,915047	1,915666	1,915677	1,916031	1,914477
1,921789	1,917938	1,915442	1,915276	1,912898	1,916761	1,916934	1,916855	1,91741	1,915607
1,923728	1,919763	1,917346	1,917312	1,914783	1,918426	1,918657	1,918749	1,919299	1,917433
1,92588	1,921507	1,919382	1,919574	1,917221	1,920061	1,92067	1,921104	1,921514	1,919705
1,928031	1,92325	1,921417	1,921836	1,919658	1,921696	1,922683	1,92346	1,92373	1,921977

1,930182	1,924994	1,923453	1,924098	1,922096	1,923331	1,924697	1,925815	1,925945	1,92425
1,932333	1,926738	1,925489	1,926361	1,924533	1,924966	1,92671	1,928169	1,928161	1,926522
1,934485	1,928482	1,927525	1,928623	1,926971	1,926601	1,928723	1,930525	1,930376	1,928794
1,935858	1,929763	1,928813	1,929982	1,928698	1,927839	1,930148	1,932008	1,931766	1,930269
1,935838	1,930217	1,928761	1,929721	1,92915	1,928366	1,930516	1,931928	1,931677	1,930312
1,935817	1,93067	1,928709	1,929461	1,929602	1,928893	1,930884	1,931849	1,931588	1,930356
1,935796	1,931124	1,928657	1,929201	1,930053	1,92942	1,931252	1,931769	1,931499	1,9304
1,935776	1,931577	1,928605	1,92894	1,930505	1,929946	1,93162	1,93169	1,93141	1,930443
1,935755	1,932031	1,928553	1,92868	1,930957	1,930473	1,931988	1,93161	1,931321	1,930487
1,935916	1,932571	1,928707	1,928656	1,931489	1,93107	1,932507	1,931718	1,931466	1,93074
1,937581	1,93383	1,930555	1,930582	1,932676	1,932246	1,934275	1,933375	1,933543	1,932715
1,939246	1,935089	1,932403	1,932508	1,933863	1,933422	1,936043	1,935032	1,935621	1,934691
1,940911	1,936348	1,934252	1,934435	1,93505	1,934598	1,937811	1,936688	1,937699	1,936667
1,942575	1,937607	1,9361	1,936361	1,936237	1,935775	1,939579	1,938345	1,939777	1,938643
1,94424	1,938866	1,937949	1,938287	1,937424	1,936951	1,941347	1,940002	1,941855	1,940619
1,945905	1,940125	1,939797	1,940214	1,938612	1,938127	1,943115	1,941658	1,943933	1,942595
1,946449	1,94045	1,940147	1,940415	1,939127	1,938641	1,943411	1,942073	1,944053	1,942928
1,94681	1,940621	1,94025	1,940333	1,939533	1,939046	1,943465	1,942284	1,943851	1,942992
1,94717	1,940793	1,940353	1,940251	1,939939	1,939452	1,943519	1,942495	1,943649	1,943056
1,947531	1,940964	1,940457	1,940168	1,940344	1,939857	1,943573	1,942706	1,943447	1,943119
1,947891	1,941136	1,94056	1,940086	1,94075	1,940262	1,943626	1,942917	1,943245	1,943183
1,948252	1,941308	1,940663	1,940004	1,941156	1,940668	1,94368	1,943128	1,943044	1,943247
1,949853	1,943105	1,94237	1,94155	1,942877	1,942455	1,94492	1,944699	1,944416	1,944711
1,952244	1,945937	1,945097	1,944132	1,945436	1,945122	1,946916	1,947137	1,946792	1,947068
1,954635	1,948769	1,947824	1,946714	1,947995	1,94779	1,948911	1,949574	1,949167	1,949425
1,957026	1,951602	1,950552	1,949297	1,950554	1,950457	1,950907	1,952011	1,951542	1,951781
1,959417	1,954434	1,953279	1,951879	1,953113	1,953124	1,952902	1,954448	1,953918	1,954138
1,961808	1,957266	1,956006	1,954461	1,955672	1,955792	1,954898	1,956885	1,956293	1,956495
1,96323	1,958926	1,957506	1,955957	1,95712	1,957438	1,956267	1,958271	1,957824	1,958073
1,96295	1,958529	1,956854	1,955546	1,956619	1,957294	1,956539	1,957812	1,957875	1,958288
1,962671	1,958131	1,956201	1,955136	1,956119	1,957149	1,95681	1,957353	1,957925	1,958503
1,962391	1,957734	1,955549	1,954725	1,955618	1,957005	1,957081	1,956894	1,957975	1,958717
1,962111	1,957336	1,954896	1,954314	1,955117	1,95686	1,957353	1,956435	1,958025	1,958932
1,961832	1,956939	1,954244	1,953904	1,954616	1,956716	1,957624	1,955976	1,958075	1,959146
1,961802	1,956848	1,953975	1,953831	1,954446	1,956779	1,958043	1,955813	1,958287	1,959518
1,963652	1,959072	1,956604	1,956303	1,956765	1,958413	1,959576	1,957888	1,959717	1,961073
1,965503	1,961295	1,959233	1,958776	1,959085	1,960047	1,961108	1,959964	1,961146	1,962628
1,967354	1,963519	1,961862	1,961249	1,961405	1,961681	1,962641	1,962039	1,962576	1,964184
1,969205	1,965742	1,96449	1,963722	1,963724	1,963314	1,964174	1,964115	1,964006	1,965739
1,971056	1,967966	1,967119	1,966194	1,966044	1,964948	1,965706	1,96619	1,965436	1,967295
1,972907	1,97019	1,969748	1,968667	1,968364	1,966582	1,967239	1,968266	1,966866	1,96885
1,974131	1,970846	1,970575	1,969226	1,969048	1,967238	1,96857	1,969652	1,968145	1,969784
1,975262	1,971271	1,971136	1,969501	1,96949	1,96775	1,969871	1,970937	1,969403	1,970627
1,976393	1,971695	1,971696	1,969776	1,969932	1,968261	1,971173	1,972221	1,97066	1,971469
1,977524	1,97212	1,972257	1,970052	1,970374	1,968773	1,972474	1,973505	1,971918	1,972311
1,978655	1,972544	1,972817	1,970327	1,970816	1,969284	1,973775	1,97479	1,973176	1,973153
1,979787	1,972968	1,973377	1,970602	1,971258	1,969796	1,975076	1,976074	1,974433	1,973996

1,979832	1,972582	1,973107	1,970168	1,971055	1,96992	1,97495	1,975535	1,974429	1,97385
1,979229	1,97171	1,972339	1,969309	1,970467	1,969813	1,973971	1,973906	1,973671	1,973113
1,978626	1,970839	1,971572	1,968451	1,969879	1,969706	1,972992	1,972277	1,972913	1,972376
1,978022	1,969967	1,970804	1,967592	1,969291	1,969599	1,972013	1,970648	1,972154	1,971639
1,977419	1,969095	1,970037	1,966734	1,968702	1,969491	1,971033	1,969019	1,971396	1,970903
1,976816	1,968224	1,969269	1,965875	1,968114	1,969384	1,970054	1,96739	1,970638	1,970166
1,976714	1,96813	1,968987	1,96578	1,968063	1,969663	1,969794	1,966932	1,970625	1,970052
1,977424	1,969296	1,96949	1,96692	1,96888	1,970567	1,970698	1,96837	1,971816	1,970946
1,978133	1,970461	1,969993	1,96806	1,969698	1,971471	1,971602	1,969807	1,973007	1,97184
1,978843	1,971626	1,970496	1,969199	1,970515	1,972375	1,972506	1,971244	1,974199	1,972733
1,979552	1,972792	1,971	1,970339	1,971333	1,973278	1,97341	1,972682	1,97539	1,973627
1,980262	1,973957	1,971503	1,971479	1,97215	1,974182	1,974314	1,974119	1,976582	1,974521
1,98116	1,975282	1,97228	1,972752	1,973158	1,975207	1,975459	1,975692	1,977883	1,975618
1,983223	1,977595	1,974753	1,974851	1,975344	1,97698	1,978099	1,978105	1,979859	1,977976
1,985287	1,979909	1,977226	1,976949	1,97753	1,978753	1,980739	1,980517	1,981835	1,980335
1,987351	1,982222	1,979699	1,979048	1,979716	1,980527	1,983379	1,98293	1,983811	1,982693
1,989414	1,984535	1,982173	1,981146	1,981902	1,9823	1,986019	1,985343	1,985787	1,985051
1,991478	1,986849	1,984646	1,983245	1,984088	1,984073	1,98866	1,987755	1,987763	1,987409
1,993542	1,989162	1,987119	1,985343	1,986274	1,985847	1,9913	1,990168	1,989739	1,989767
1,991575	1,987182	1,985046	1,984055	1,984487	1,984228	1,989061	1,987766	1,987464	1,987857
1,989141	1,984704	1,982444	1,982374	1,982239	1,982215	1,986256	1,984804	1,984696	1,985453
1,986707	1,982225	1,979843	1,980693	1,97999	1,980201	1,983451	1,981843	1,981928	1,983048
1,984272	1,979747	1,977241	1,979012	1,977742	1,978189	1,980646	1,978882	1,97916	1,980643
1,981838	1,977268	1,97464	1,977332	1,975493	1,976176	1,977841	1,97592	1,976392	1,978238
1,979404	1,97479	1,972039	1,975651	1,973245	1,974162	1,975036	1,972959	1,973624	1,975834
1,979795	1,975232	1,972739	1,976277	1,974162	1,974892	1,975543	1,973835	1,974269	1,976225
1,981674	1,977213	1,975178	1,978119	1,976745	1,977067	1,977795	1,976733	1,976712	1,978088
1,983554	1,979193	1,977617	1,979961	1,979329	1,979241	1,980046	1,97963	1,979156	1,979951
1,985433	1,981174	1,980056	1,981803	1,981913	1,981415	1,982298	1,982528	1,981599	1,981814
1,987312	1,983155	1,982495	1,983644	1,984497	1,98359	1,984549	1,985425	1,984042	1,983678
1,989192	1,985135	1,984934	1,985486	1,98708	1,985764	1,986801	1,988323	1,986485	1,985541
1,990573	1,986451	1,986437	1,986635	1,988453	1,987067	1,988227	1,989879	1,988078	1,98677
1,991249	1,986825	1,986616	1,986803	1,988112	1,987138	1,988483	1,989537	1,988465	1,987101
1,991925	1,987199	1,986795	1,986971	1,98777	1,987208	1,988739	1,989194	1,988852	1,987432
1,992602	1,987574	1,986973	1,987139	1,987428	1,987279	1,988995	1,988852	1,989239	1,987764
1,993278	1,987948	1,987152	1,987307	1,987087	1,987349	1,989252	1,98851	1,989626	1,988095
1,993954	1,988322	1,987331	1,987475	1,986745	1,98742	1,989508	1,988167	1,990013	1,988426
1,994267	1,988441	1,98719	1,987305	1,986224	1,987197	1,989478	1,987744	1,990069	1,988502
1,992865	1,987356	1,985541	1,985538	1,984854	1,985591	1,9881	1,98694	1,98856	1,987373
1,991463	1,98627	1,983892	1,983772	1,983485	1,983984	1,986722	1,986135	1,987052	1,986244
1,990061	1,985185	1,982243	1,982006	1,982116	1,982378	1,985344	1,985331	1,985543	1,985116
1,988659	1,984099	1,980594	1,98024	1,980747	1,980772	1,983966	1,984526	1,984035	1,983987
1,987257	1,983014	1,978946	1,978474	1,979378	1,979166	1,982588	1,983722	1,982526	1,982859
1,985855	1,981928	1,977297	1,976708	1,978009	1,977559	1,98121	1,982917	1,981018	1,98173
1,985183	1,981501	1,977805	1,977248	1,978004	1,977619	1,980425	1,981887	1,980434	1,981
1,984561	1,981119	1,978461	1,977945	1,978093	1,977793	1,979681	1,980842	1,979913	1,980297
1,983939	1,980736	1,979116	1,978643	1,978181	1,977966	1,978936	1,979797	1,979393	1,979595

1,983317	1,980354	1,979772	1,97934	1,978269	1,97814	1,978191	1,978751	1,978872	1,978892
1,982695	1,979972	1,980428	1,980038	1,978358	1,978313	1,977447	1,977706	1,978351	1,978189
1,982073	1,979589	1,981083	1,980735	1,978446	1,978487	1,976702	1,97666	1,977831	1,977486
1,981151	1,978582	1,980151	1,979576	1,97762	1,97776	1,975995	1,975694	1,97741	1,976446
1,980098	1,977305	1,978532	1,977613	1,976399	1,976643	1,975303	1,974761	1,977033	1,97526
1,979046	1,976028	1,976913	1,975651	1,975178	1,975526	1,974612	1,973829	1,976656	1,974074
1,977993	1,974751	1,975293	1,973688	1,973956	1,97441	1,97392	1,972896	1,976278	1,972888
1,976941	1,973475	1,973674	1,971726	1,972735	1,973293	1,973228	1,971964	1,975901	1,971702
1,975888	1,972198	1,972055	1,969763	1,971514	1,972177	1,972537	1,971032	1,975524	1,970516
1,973893	1,970252	1,969686	1,967415	1,96948	1,970211	1,970439	1,969136	1,973601	1,968647
1,970797	1,967525	1,96644	1,964616	1,966497	1,967252	1,966697	1,966115	1,969872	1,965981
1,967701	1,964798	1,963194	1,961818	1,963513	1,964294	1,962956	1,963094	1,966142	1,963315
1,964604	1,962071	1,959949	1,959019	1,96053	1,961335	1,959214	1,960073	1,962413	1,960649
1,961508	1,959344	1,956703	1,956221	1,957546	1,958377	1,955472	1,957052	1,958683	1,957983
1,958412	1,956617	1,953457	1,953422	1,954563	1,955418	1,951731	1,954031	1,954954	1,955317
1,954809	1,953382	1,949889	1,950156	1,951153	1,952056	1,947815	1,950606	1,95096	1,952018
1,949458	1,948396	1,945211	1,945278	1,946275	1,9473	1,943297	1,945789	1,946055	1,94654
1,944108	1,943409	1,940533	1,9404	1,941396	1,942544	1,93878	1,940972	1,941151	1,941062
1,938757	1,938423	1,935855	1,935522	1,936517	1,937788	1,934263	1,936156	1,936246	1,935584
1,933407	1,933437	1,931177	1,930645	1,931639	1,933032	1,929745	1,931339	1,931341	1,930105
1,928056	1,92845	1,926499	1,925767	1,92676	1,928276	1,925228	1,926522	1,926436	1,924627
1,922705	1,923464	1,921821	1,920889	1,921882	1,92352	1,92071	1,921706	1,921531	1,919149
1,917695	1,918718	1,91726	1,916249	1,916798	1,918342	1,915369	1,916135	1,916521	1,914124
1,912688	1,913975	1,912701	1,911611	1,911713	1,91316	1,910019	1,910557	1,911509	1,909105
1,907681	1,909231	1,908141	1,906973	1,906628	1,907977	1,904669	1,904979	1,906498	1,904085
1,902674	1,904488	1,903582	1,902336	1,901543	1,902795	1,89932	1,899401	1,901486	1,899065
1,897667	1,899744	1,899022	1,897698	1,896458	1,897613	1,89397	1,893822	1,896475	1,894045
1,89266	1,895001	1,894463	1,89306	1,891373	1,892431	1,88862	1,888244	1,891463	1,889026
1,885164	1,888229	1,887286	1,886273	1,884842	1,885484	1,881569	1,881207	1,884048	1,881938
1,876861	1,8808	1,87926	1,878789	1,877843	1,877965	1,873967	1,873697	1,875851	1,87418
1,868559	1,87337	1,871234	1,871304	1,870843	1,870446	1,866364	1,866187	1,867655	1,866422
1,860255	1,865941	1,863208	1,86382	1,863843	1,862927	1,858762	1,858677	1,859459	1,858664
1,851952	1,858511	1,855182	1,856335	1,856844	1,855408	1,851159	1,851167	1,851263	1,850906
1,843649	1,851082	1,847156	1,848851	1,849844	1,847889	1,843556	1,843657	1,843067	1,843147
1,835965	1,843505	1,839482	1,841213	1,842384	1,840332	1,83591	1,836	1,835278	1,835587
1,828847	1,835794	1,83213	1,833436	1,8345	1,832739	1,828224	1,828208	1,827862	1,828208
1,821729	1,828083	1,824778	1,825658	1,826617	1,825147	1,820539	1,820415	1,820446	1,820829
1,81461	1,820372	1,817426	1,81788	1,818734	1,817554	1,812853	1,812623	1,81303	1,81345
1,807492	1,812661	1,810074	1,810103	1,810851	1,809961	1,805167	1,804831	1,805614	1,806071
1,800374	1,80495	1,802722	1,802325	1,802968	1,802368	1,797482	1,797039	1,798198	1,798692
1,792237	1,796568	1,794624	1,793995	1,794469	1,794158	1,789075	1,788606	1,789973	1,790414
1,781604	1,786543	1,784701	1,784313	1,784463	1,784436	1,778905	1,778603	1,779765	1,779936
1,770971	1,776519	1,774778	1,774631	1,774456	1,774713	1,768734	1,7686	1,769558	1,769458
1,760338	1,766494	1,764855	1,764949	1,76445	1,764991	1,758564	1,758598	1,759351	1,75898
1,749706	1,756469	1,754931	1,755267	1,754443	1,755269	1,748393	1,748595	1,749143	1,748502
1,739073	1,746444	1,745008	1,745585	1,744437	1,745546	1,738223	1,738592	1,738936	1,738024
1,728641	1,736597	1,735263	1,736038	1,734591	1,735965	1,728222	1,728748	1,728909	1,727742

1,721476	1,729628	1,72841	1,728683	1,727361	1,728683	1,720973	1,721479	1,721809	1,720647
1,714311	1,722659	1,721557	1,721328	1,72013	1,7214	1,713723	1,714209	1,71471	1,713551
1,707146	1,715689	1,714704	1,713973	1,712899	1,714118	1,706474	1,70694	1,70761	1,706455
1,699981	1,70872	1,707851	1,706618	1,705668	1,706836	1,699225	1,699671	1,700511	1,69936
1,692816	1,701751	1,700998	1,699263	1,698437	1,699553	1,691975	1,692401	1,693411	1,692264
1,685651	1,694782	1,694145	1,691908	1,691206	1,692271	1,684726	1,685132	1,686312	1,685169
1,676148	1,685539	1,684689	1,68277	1,682196	1,682861	1,675314	1,675608	1,676606	1,675779
1,666159	1,675825	1,674693	1,673262	1,672817	1,67301	1,665453	1,665617	1,666359	1,665913
1,656171	1,66611	1,664697	1,663755	1,663437	1,663159	1,655591	1,655625	1,656112	1,656047
1,646182	1,656395	1,654701	1,654247	1,654058	1,653307	1,64573	1,645633	1,645865	1,646181
1,636194	1,64668	1,644705	1,644739	1,644678	1,643456	1,635869	1,635641	1,635618	1,636315
1,626205	1,636965	1,634709	1,635231	1,635299	1,633605	1,626008	1,625649	1,625371	1,626449
1,616627	1,627368	1,625014	1,625666	1,625734	1,624079	1,616463	1,616193	1,615876	1,616826
1,607326	1,61785	1,615523	1,616064	1,616045	1,614772	1,607131	1,607096	1,606886	1,607366
1,598024	1,608332	1,606031	1,606461	1,606356	1,605465	1,597799	1,598	1,597896	1,597905
1,588722	1,598814	1,59654	1,596858	1,596667	1,596159	1,588467	1,588903	1,588906	1,588445
1,57942	1,589296	1,587048	1,587256	1,586978	1,586852	1,579135	1,579807	1,579916	1,578984
1,570118	1,579778	1,577557	1,577653	1,577289	1,577545	1,569803	1,57071	1,570926	1,569524
1,561976	1,57161	1,569397	1,569429	1,569016	1,569443	1,561675	1,562594	1,562959	1,561376
1,555815	1,565751	1,563515	1,563562	1,563163	1,5634	1,555605	1,556154	1,556741	1,555472
1,549654	1,559892	1,557634	1,557695	1,55731	1,557357	1,549535	1,549713	1,550523	1,549568
1,543493	1,554033	1,551752	1,551828	1,551456	1,551314	1,543465	1,543273	1,544305	1,543663
1,537332	1,548174	1,54587	1,545961	1,545603	1,545271	1,537395	1,536833	1,538087	1,537759
1,531171	1,542315	1,539988	1,540094	1,53975	1,539228	1,531325	1,530393	1,531869	1,531855
1,524478	1,535865	1,533514	1,533623	1,533321	1,532623	1,524696	1,52348	1,525105	1,525358
1,514568	1,525838	1,523459	1,523502	1,523405	1,522619	1,514693	1,51371	1,515038	1,515276
1,504658	1,51581	1,513405	1,513382	1,513489	1,512615	1,50469	1,50394	1,50497	1,505194
1,494747	1,505783	1,503351	1,503262	1,503573	1,502611	1,494686	1,494171	1,494903	1,495112
1,484837	1,495756	1,493297	1,493142	1,493657	1,492607	1,484683	1,484401	1,484836	1,485031
1,474927	1,485729	1,483243	1,483021	1,483741	1,482603	1,474679	1,474631	1,474769	1,474949
1,465017	1,475702	1,473188	1,472901	1,473825	1,472599	1,464676	1,464861	1,464702	1,464867
1,45831	1,468958	1,466502	1,466244	1,466991	1,465841	1,457936	1,458171	1,458101	1,458271
1,451901	1,462519	1,460128	1,459908	1,460443	1,459385	1,451499	1,451767	1,451822	1,451999
1,445491	1,456081	1,453754	1,453572	1,453895	1,452929	1,445062	1,445363	1,445543	1,445727
1,439082	1,449642	1,44738	1,447236	1,447347	1,446472	1,438625	1,438958	1,439265	1,439454
1,432673	1,443203	1,441007	1,4409	1,440799	1,440016	1,432188	1,432554	1,432986	1,433182
1,426263	1,436764	1,434633	1,434564	1,434251	1,43356	1,425751	1,42615	1,426707	1,42691
1,420486	1,431104	1,428971	1,428917	1,42857	1,427936	1,420006	1,420385	1,420981	1,421209
1,414995	1,425795	1,423631	1,42358	1,42328	1,422689	1,414574	1,414909	1,415505	1,415766
1,409504	1,420486	1,418291	1,418244	1,417991	1,417441	1,409142	1,409433	1,41003	1,410323
1,404013	1,415177	1,412951	1,412907	1,412701	1,412194	1,40371	1,403957	1,404554	1,40488
1,398521	1,409868	1,407611	1,40757	1,407411	1,406946	1,398277	1,398481	1,399078	1,399437
1,39303	1,404559	1,402271	1,402234	1,402122	1,401699	1,392845	1,393005	1,393602	1,393994
1,387182	1,398744	1,396412	1,396393	1,396263	1,395923	1,387063	1,387171	1,387779	1,388139
1,380924	1,392346	1,389956	1,389971	1,389749	1,389538	1,380877	1,380926	1,381557	1,381811
1,374665	1,385949	1,3835	1,383549	1,383235	1,383153	1,374692	1,37468	1,375335	1,375482
1,368407	1,379551	1,377045	1,377128	1,376722	1,376768	1,368506	1,368435	1,369113	1,369154

1,362149	1,373153	1,370589	1,370706	1,370208	1,370384	1,362321	1,362189	1,362892	1,362826
1,35589	1,366756	1,364133	1,364285	1,363694	1,363999	1,356135	1,355944	1,35667	1,356497
1,350659	1,36144	1,358775	1,358925	1,358301	1,358653	1,350887	1,350662	1,351404	1,351174
1,348663	1,359533	1,356876	1,356909	1,356439	1,356579	1,348591	1,348416	1,349151	1,349015
1,346667	1,357625	1,354976	1,354893	1,354577	1,354505	1,346295	1,346171	1,346898	1,346857
1,344671	1,355717	1,353076	1,352878	1,352715	1,352431	1,343999	1,343925	1,344645	1,344698
1,342675	1,35381	1,351176	1,350862	1,350853	1,350357	1,341703	1,341679	1,342392	1,34254
1,340679	1,351902	1,349276	1,348846	1,348991	1,348283	1,339407	1,339434	1,34014	1,340381
1,338729	1,350034	1,347417	1,346876	1,347167	1,346257	1,33717	1,337245	1,337941	1,338275
1,339326	1,350304	1,347786	1,347368	1,347489	1,346823	1,338147	1,338153	1,338707	1,339027
1,339923	1,350573	1,348156	1,34786	1,347811	1,34739	1,339124	1,339061	1,339473	1,339779
1,340521	1,350843	1,348526	1,348351	1,348133	1,347956	1,340101	1,339969	1,34024	1,340531
1,341118	1,351113	1,348895	1,348843	1,348455	1,348523	1,341078	1,340877	1,341006	1,341283
1,341715	1,351383	1,349265	1,349335	1,348777	1,34909	1,342055	1,341785	1,341772	1,342034
1,342312	1,351653	1,349634	1,349827	1,349099	1,349656	1,343032	1,342693	1,342538	1,342786
1,345423	1,354135	1,352242	1,352338	1,351697	1,352225	1,345804	1,345486	1,345433	1,345701
1,349179	1,357185	1,355422	1,355365	1,354879	1,355306	1,349035	1,348761	1,348873	1,349169
1,352934	1,360234	1,358603	1,358392	1,358061	1,358387	1,352267	1,352037	1,352313	1,352637
1,35669	1,363284	1,361784	1,36142	1,361242	1,361469	1,355499	1,355312	1,355753	1,356105
1,360445	1,366333	1,364965	1,364447	1,364424	1,36455	1,35873	1,358588	1,359193	1,359574
1,364201	1,369382	1,368146	1,367475	1,367606	1,367632	1,361962	1,361863	1,362633	1,363042
1,368948	1,373789	1,372594	1,37192	1,372019	1,372011	1,366581	1,366509	1,367244	1,36767
1,374424	1,379195	1,377976	1,377408	1,377339	1,377345	1,372221	1,372165	1,372717	1,373151
1,3799	1,384602	1,383358	1,382897	1,382659	1,382679	1,37786	1,37782	1,378189	1,378632
1,385376	1,390008	1,388739	1,388385	1,38798	1,388013	1,3835	1,383476	1,383661	1,384113
1,390852	1,395414	1,394121	1,393874	1,3933	1,393347	1,38914	1,389131	1,389134	1,389594
1,396328	1,40082	1,399502	1,399363	1,39862	1,398682	1,39478	1,394787	1,394606	1,395075
1,402213	1,406457	1,405097	1,405041	1,404261	1,404307	1,400684	1,400707	1,400436	1,400915
1,408837	1,412511	1,411076	1,411062	1,410484	1,41046	1,407067	1,407106	1,406914	1,407405
1,415462	1,418566	1,417055	1,417083	1,416706	1,416613	1,41345	1,413504	1,413391	1,413895
1,422086	1,42462	1,423033	1,423104	1,422929	1,422765	1,419833	1,419903	1,419868	1,420385
1,42871	1,430675	1,429012	1,429125	1,429152	1,428918	1,426216	1,426302	1,426346	1,426875
1,435335	1,436729	1,434991	1,435146	1,435375	1,435071	1,432599	1,4327	1,432823	1,433365
1,441152	1,442017	1,440254	1,440417	1,440809	1,440448	1,438194	1,438296	1,438478	1,439049
1,441882	1,442479	1,441003	1,440955	1,441277	1,44094	1,438823	1,438831	1,438951	1,439656
1,442612	1,442941	1,441751	1,441494	1,441744	1,441432	1,439451	1,439366	1,439424	1,440262
1,443342	1,443403	1,4425	1,442033	1,442212	1,441923	1,44008	1,439901	1,439897	1,440868
1,444072	1,443865	1,443249	1,442571	1,44268	1,442415	1,440708	1,440436	1,44037	1,441474
1,444802	1,444327	1,443998	1,44311	1,443148	1,442907	1,441336	1,440971	1,440843	1,442081
1,445532	1,444789	1,444746	1,443649	1,443615	1,443399	1,441965	1,441505	1,441316	1,442687
1,444847	1,443767	1,44339	1,442593	1,44252	1,442385	1,441119	1,440653	1,440609	1,441608
1,444036	1,442613	1,441847	1,441396	1,441286	1,441238	1,440142	1,439678	1,439798	1,44038
1,443226	1,44146	1,440305	1,4402	1,440053	1,440092	1,439166	1,438703	1,438987	1,439153
1,442415	1,440307	1,438763	1,439003	1,438819	1,438946	1,43819	1,437728	1,438175	1,437925
1,441605	1,439153	1,43722	1,437806	1,437586	1,437799	1,437214	1,436752	1,437364	1,436697
1,440794	1,438	1,435678	1,43661	1,436352	1,436653	1,436238	1,435777	1,436553	1,43547

With NH4: 10th minute						With NH4: 45th minute			
AN5-5	AN10-1	AN10-2	AN10-3	AN10-4	AN10-5	AN45-1	AN45-2	AN45-3	AN45-4
0,122341	0,11999	0,120519	0,12041	0,121022	0,121737	0,122092	0,122124	0,122013	0,122134
0,12136	0,11896	0,119493	0,119388	0,119993	0,120741	0,121025	0,12106	0,120968	0,121088
0,120379	0,11793	0,118467	0,118367	0,118963	0,119745	0,119957	0,119995	0,119924	0,120043
0,119398	0,1169	0,117441	0,117346	0,117934	0,118749	0,11889	0,118931	0,11888	0,118998
0,118416	0,11587	0,116415	0,116325	0,116904	0,117753	0,117822	0,117866	0,117836	0,117953
0,117435	0,11484	0,11539	0,115304	0,115874	0,116758	0,116755	0,116802	0,116791	0,116908
0,116543	0,113893	0,114447	0,114362	0,114927	0,115837	0,115781	0,115832	0,115833	0,11595
0,116082	0,113348	0,113903	0,113806	0,114373	0,11528	0,11526	0,115316	0,115286	0,115416
0,115621	0,112803	0,113359	0,113249	0,113819	0,114722	0,114739	0,114799	0,114739	0,114881
0,11516	0,112258	0,112815	0,112692	0,113266	0,114165	0,114218	0,114283	0,114192	0,114347
0,114699	0,111712	0,112272	0,112135	0,112712	0,113607	0,113697	0,113767	0,113645	0,113813
0,114238	0,111167	0,111728	0,111579	0,112158	0,11305	0,113176	0,113251	0,113098	0,113278
0,113777	0,110622	0,111184	0,111022	0,111605	0,112492	0,112655	0,112734	0,112551	0,112744
0,113723	0,110503	0,111076	0,110924	0,111495	0,112396	0,112526	0,112599	0,112437	0,112623
0,113728	0,110447	0,111031	0,110893	0,11145	0,112367	0,112455	0,112518	0,112386	0,112563
0,113734	0,11039	0,110987	0,110862	0,111405	0,112337	0,112383	0,112438	0,112336	0,112502
0,113739	0,110334	0,110942	0,110831	0,111359	0,112308	0,112312	0,112357	0,112285	0,112442
0,113744	0,110277	0,110897	0,1108	0,111314	0,112279	0,11224	0,112277	0,112234	0,112381
0,113749	0,11022	0,110852	0,110769	0,111269	0,11225	0,112169	0,112196	0,112183	0,112321
0,10718	0,103637	0,104278	0,104198	0,104692	0,10568	0,105582	0,105611	0,105605	0,105733
0,095731	0,092208	0,092856	0,092771	0,093268	0,094256	0,094161	0,094197	0,094181	0,094299
0,084283	0,08078	0,081435	0,081344	0,081843	0,082832	0,082739	0,082782	0,082758	0,082865
0,072834	0,069352	0,070014	0,069918	0,070418	0,071408	0,071318	0,071368	0,071335	0,071432
0,061385	0,057923	0,058592	0,058491	0,058993	0,059984	0,059896	0,059954	0,059912	0,059998
0,049937	0,046495	0,047171	0,047065	0,047568	0,048559	0,048475	0,04854	0,048489	0,048565
0,039819	0,036542	0,037193	0,037087	0,03757	0,038519	0,03844	0,038507	0,038452	0,038517
0,033209	0,030476	0,031019	0,030931	0,031333	0,032125	0,032059	0,032115	0,032069	0,032123
0,026599	0,02441	0,024845	0,024774	0,025097	0,02573	0,025677	0,025723	0,025686	0,025729
0,019989	0,018344	0,018671	0,018618	0,01886	0,019336	0,019296	0,01933	0,019303	0,019335
0,013379	0,012278	0,012496	0,012461	0,012623	0,012942	0,012915	0,012938	0,012919	0,012941
0,006769	0,006212	0,006322	0,006304	0,006386	0,006548	0,006534	0,006546	0,006536	0,006547
0,000159	0,000146	0,000148	0,000148	0,00015	0,000153	0,000153	0,000153	0,000153	0,000153
-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08
-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08
-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08
-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08
-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08
-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08
-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08
-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08
-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08
-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08
-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08
-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08
-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08

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-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07
-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07
-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08
-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08
4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10
5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08
9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08
1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07
1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07
1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07
1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07
1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07
1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07
1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07
1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07
1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07
1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07
9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08
8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08
0,00018	5,35E-05	7,96E-05	5,86E-05	8,88E-05	0,000146	0,000146	0,000142	0,000122	0,000104
0,000527	0,000156	0,000233	0,000171	0,000259	0,000426	0,000427	0,000414	0,000357	0,000304
0,000873	0,000259	0,000386	0,000284	0,00043	0,000705	0,000708	0,000686	0,000592	0,000504
0,001219	0,000362	0,000538	0,000396	0,000601	0,000985	0,000989	0,000959	0,000827	0,000704
0,001566	0,000464	0,000691	0,000509	0,000771	0,001265	0,001271	0,001231	0,001062	0,000904
0,001912	0,000567	0,000844	0,000621	0,000942	0,001545	0,001552	0,001504	0,001296	0,001105
0,007121	0,00561	0,00592	0,005668	0,006027	0,006715	0,006732	0,006679	0,006439	0,006218
0,026608	0,025162	0,025453	0,025206	0,025543	0,026245	0,026298	0,026252	0,025992	0,025762
0,046096	0,044713	0,044985	0,044744	0,04506	0,045775	0,045865	0,045825	0,045546	0,045306
0,065583	0,064264	0,064518	0,064282	0,064576	0,065305	0,065431	0,065398	0,065099	0,064849
0,08507	0,083816	0,08405	0,08382	0,084092	0,084835	0,084998	0,084971	0,084652	0,084393
0,104558	0,103367	0,103582	0,103358	0,103609	0,104365	0,104564	0,104544	0,104206	0,103936
0,124045	0,122918	0,123115	0,122896	0,123125	0,123895	0,12413	0,124117	0,123759	0,12348
0,143214	0,142042	0,142246	0,142035	0,142248	0,142999	0,143295	0,143243	0,142892	0,142597
0,162379	0,161162	0,161373	0,16117	0,161368	0,162099	0,162455	0,162365	0,16202	0,16171
0,181544	0,180281	0,1805	0,180305	0,180487	0,181199	0,181615	0,181486	0,181149	0,180823
0,200709	0,199401	0,199626	0,19944	0,199606	0,200299	0,200776	0,200607	0,200277	0,199936
0,219875	0,21852	0,218753	0,218574	0,218725	0,219399	0,219936	0,219729	0,219406	0,219049
0,23904	0,237639	0,23788	0,237709	0,237845	0,238498	0,239096	0,23885	0,238534	0,238162
0,259261	0,25793	0,258182	0,257972	0,258103	0,258744	0,259429	0,25918	0,258839	0,258462
0,279881	0,278662	0,278928	0,278662	0,278793	0,279422	0,280206	0,279967	0,279587	0,279209
0,300501	0,299394	0,299674	0,299351	0,299482	0,3001	0,300982	0,300754	0,300336	0,299957
0,321121	0,320126	0,320419	0,32004	0,320171	0,320778	0,321758	0,321541	0,321085	0,320705
0,341741	0,340857	0,341165	0,340729	0,34086	0,341456	0,342535	0,342328	0,341833	0,341453
0,362361	0,361589	0,361911	0,361418	0,361549	0,362134	0,363311	0,363115	0,362582	0,362201
0,384584	0,383925	0,384257	0,38373	0,383863	0,384437	0,385685	0,385494	0,384939	0,384558
0,408667	0,40812	0,408461	0,407923	0,408062	0,408625	0,409913	0,409718	0,409163	0,408782
0,43275	0,432315	0,432664	0,432116	0,432261	0,432814	0,43414	0,433943	0,433386	0,433006

0,456833	0,45651	0,456867	0,45631	0,456459	0,457002	0,458368	0,458168	0,45761	0,45723
0,480916	0,480705	0,481071	0,480503	0,480658	0,481191	0,482595	0,482393	0,481833	0,481455
0,504998	0,5049	0,505274	0,504696	0,504857	0,505379	0,506823	0,506617	0,506057	0,505679
0,531525	0,531534	0,531913	0,531324	0,531479	0,531991	0,533496	0,533296	0,532722	0,53234
0,567763	0,567865	0,568232	0,567627	0,567732	0,56823	0,569888	0,569726	0,569092	0,568688
0,604	0,604196	0,60455	0,603929	0,603985	0,60447	0,60628	0,606156	0,605462	0,605036
0,640238	0,640526	0,640869	0,640232	0,640238	0,64071	0,642671	0,642586	0,641832	0,641384
0,676476	0,676857	0,677188	0,676534	0,676491	0,67695	0,679063	0,679016	0,678202	0,677732
0,712714	0,713187	0,713506	0,712837	0,712744	0,71319	0,715455	0,715446	0,714572	0,71408
0,748951	0,749518	0,749825	0,749139	0,748997	0,749429	0,751847	0,751876	0,750942	0,750428
0,798732	0,799411	0,799653	0,799016	0,798881	0,799282	0,801744	0,801725	0,80087	0,800313
0,849379	0,850171	0,850344	0,849761	0,849635	0,850004	0,852505	0,852431	0,851664	0,851063
0,900025	0,900931	0,901035	0,900505	0,90039	0,900726	0,903265	0,903138	0,902458	0,901813
0,950672	0,951691	0,951727	0,95125	0,951144	0,951449	0,954025	0,953844	0,953252	0,952563
1,001318	1,002451	1,002418	1,001994	1,001898	1,002171	1,004786	1,004551	1,004046	1,003312
1,051965	1,05321	1,053109	1,052738	1,052653	1,052893	1,055546	1,055257	1,054841	1,054062
1,107363	1,108603	1,108491	1,108052	1,108042	1,108255	1,110914	1,110602	1,110207	1,109421
1,165008	1,166187	1,166092	1,165527	1,165622	1,165811	1,16846	1,16814	1,167735	1,166959
1,222653	1,223771	1,223692	1,223002	1,223203	1,223366	1,226006	1,225678	1,225263	1,224497
1,280299	1,281355	1,281293	1,280477	1,280783	1,280922	1,283552	1,283216	1,282791	1,282035
1,337944	1,338938	1,338893	1,337952	1,338364	1,338478	1,341098	1,340754	1,340319	1,339572
1,395589	1,396522	1,396494	1,395427	1,395944	1,396034	1,398645	1,398292	1,397847	1,39711
1,444681	1,445483	1,445475	1,444519	1,444971	1,445164	1,447608	1,447218	1,44669	1,446018
1,481909	1,482486	1,482501	1,481986	1,482133	1,482608	1,484667	1,4842	1,483486	1,482957
1,519137	1,519488	1,519527	1,519452	1,519295	1,520053	1,521727	1,521182	1,520282	1,519895
1,556366	1,556491	1,556553	1,556918	1,556457	1,557498	1,558786	1,558164	1,557077	1,556834
1,593594	1,593493	1,593579	1,594384	1,593619	1,594943	1,595846	1,595146	1,593873	1,593772
1,630822	1,630496	1,630605	1,631851	1,630781	1,632387	1,632905	1,632128	1,630669	1,630711
1,664905	1,664358	1,664509	1,66604	1,66476	1,66654	1,666774	1,665949	1,664375	1,66452
1,68248	1,681738	1,682026	1,68303	1,682034	1,683414	1,683893	1,683176	1,68186	1,681907
1,700054	1,699118	1,699544	1,700019	1,699307	1,700287	1,701012	1,700403	1,699345	1,699295
1,717629	1,716498	1,717061	1,717008	1,716581	1,717161	1,718131	1,717631	1,716831	1,716682
1,735203	1,733878	1,734579	1,733998	1,733854	1,734035	1,73525	1,734858	1,734316	1,734069
1,752778	1,751258	1,752097	1,750987	1,751128	1,750909	1,752369	1,752085	1,751802	1,751456
1,770352	1,768638	1,769614	1,767977	1,768401	1,767783	1,769488	1,769313	1,769287	1,768843
1,778589	1,776527	1,777702	1,776348	1,776769	1,77633	1,777607	1,7774	1,77738	1,777005
1,785801	1,783373	1,784754	1,783772	1,784157	1,783964	1,784737	1,784483	1,784441	1,784153
1,793012	1,790218	1,791806	1,791197	1,791546	1,791597	1,791866	1,791566	1,791502	1,791301
1,800223	1,797064	1,798858	1,798621	1,798934	1,79923	1,798996	1,798648	1,798563	1,798449
1,807435	1,80391	1,80591	1,806046	1,806323	1,806862	1,806125	1,805731	1,805624	1,805597
1,814646	1,810756	1,812962	1,81347	1,813712	1,814496	1,813255	1,812814	1,812685	1,812745
1,819612	1,815881	1,817843	1,818511	1,818732	1,819454	1,818293	1,817804	1,817626	1,817753
1,823332	1,820051	1,821518	1,82223	1,822436	1,822927	1,82217	1,821631	1,821391	1,821572
1,827051	1,824221	1,825192	1,825948	1,826141	1,826401	1,826048	1,825458	1,825155	1,825391
1,830771	1,82839	1,828867	1,829666	1,829846	1,829874	1,829925	1,829285	1,82892	1,82921
1,83449	1,83256	1,832541	1,833384	1,83355	1,833347	1,833802	1,833112	1,832685	1,833029
1,83821	1,836729	1,836216	1,837102	1,837255	1,83682	1,837679	1,836939	1,836449	1,836848

1,841457	1,84026	1,839499	1,840301	1,840529	1,840021	1,841072	1,840294	1,8398	1,840287
1,843955	1,842774	1,84216	1,842672	1,843116	1,842789	1,843695	1,842896	1,842495	1,84312
1,846452	1,845288	1,84482	1,845042	1,845704	1,845557	1,846318	1,845497	1,845189	1,845954
1,84895	1,847802	1,847481	1,847413	1,848291	1,848325	1,848941	1,848099	1,847884	1,848788
1,851447	1,850316	1,850142	1,849784	1,850878	1,851092	1,851564	1,850701	1,850578	1,851622
1,853945	1,85283	1,852802	1,852155	1,853466	1,85386	1,854187	1,853303	1,853273	1,854455
1,856357	1,855218	1,855345	1,854431	1,855917	1,856433	1,856657	1,855778	1,85583	1,857077
1,858193	1,85677	1,857103	1,856069	1,857455	1,857703	1,858108	1,857397	1,857466	1,858284
1,860029	1,858322	1,85886	1,857708	1,858993	1,858973	1,859559	1,859017	1,859102	1,85949
1,861865	1,859874	1,860617	1,859346	1,860532	1,860243	1,86101	1,860636	1,860739	1,860697
1,863701	1,861425	1,862375	1,860985	1,86207	1,861512	1,862461	1,862256	1,862375	1,861903
1,865537	1,862977	1,864132	1,862623	1,863608	1,862782	1,863912	1,863876	1,864011	1,86311
1,867373	1,864529	1,865889	1,864262	1,865146	1,864052	1,865363	1,865495	1,865647	1,864316
1,870399	1,867406	1,868711	1,867231	1,868264	1,867421	1,868046	1,868253	1,868126	1,86729
1,873597	1,870475	1,871685	1,870391	1,871609	1,871092	1,870907	1,871174	1,870725	1,870519
1,876794	1,873544	1,87466	1,873552	1,874955	1,874763	1,873768	1,874095	1,873325	1,873748
1,879992	1,876613	1,877635	1,876713	1,8783	1,878435	1,876629	1,877017	1,875924	1,876977
1,883189	1,879681	1,880609	1,879873	1,881646	1,882106	1,87949	1,879938	1,878524	1,880205
1,886386	1,88275	1,883584	1,883034	1,884991	1,885777	1,88235	1,882859	1,881124	1,883434
1,887522	1,883935	1,884532	1,884297	1,88615	1,887104	1,883425	1,884106	1,8824	1,884655
1,887395	1,883967	1,884238	1,884398	1,88597	1,886994	1,883403	1,884326	1,882866	1,884644
1,887268	1,883998	1,883945	1,884498	1,885789	1,886883	1,883382	1,884547	1,883332	1,884633
1,887141	1,884029	1,883651	1,884599	1,885609	1,886773	1,883361	1,884768	1,883798	1,884623
1,887014	1,88406	1,883357	1,8847	1,885428	1,886662	1,88334	1,884988	1,884264	1,884612
1,886886	1,884091	1,883063	1,8848	1,885247	1,886552	1,883319	1,885209	1,88473	1,884601
1,887923	1,885159	1,884086	1,885852	1,886253	1,887378	1,88448	1,886491	1,8862	1,88567
1,890974	1,888025	1,887389	1,888552	1,889311	1,889829	1,887688	1,889614	1,889411	1,88861
1,894025	1,89089	1,890693	1,891253	1,89237	1,892279	1,890896	1,892737	1,892621	1,891549
1,897077	1,893755	1,893996	1,893953	1,895429	1,89473	1,894104	1,89586	1,895832	1,894489
1,900128	1,896621	1,8973	1,896653	1,898488	1,89718	1,897312	1,898983	1,899042	1,897428
1,90318	1,899486	1,900603	1,899354	1,901547	1,899631	1,90052	1,902106	1,902253	1,900368
1,905905	1,902092	1,903559	1,901812	1,904271	1,901857	1,903442	1,904889	1,905075	1,903017
1,906075	1,902661	1,903789	1,902372	1,904367	1,902318	1,904114	1,905003	1,904847	1,90339
1,906244	1,903231	1,904019	1,902933	1,904462	1,902779	1,904786	1,905118	1,90462	1,903763
1,906414	1,903801	1,904249	1,903493	1,904558	1,903241	1,905458	1,905232	1,904392	1,904137
1,906583	1,904371	1,904479	1,904053	1,904654	1,903702	1,90613	1,905346	1,904165	1,90451
1,906753	1,904941	1,904709	1,904614	1,904749	1,904163	1,906803	1,90546	1,903937	1,904883
1,906922	1,905511	1,904939	1,905174	1,904845	1,904625	1,907475	1,905575	1,903709	1,905257
1,908381	1,906998	1,906432	1,906746	1,906548	1,906403	1,908302	1,907061	1,905245	1,906739
1,910049	1,908634	1,90813	1,908482	1,908513	1,908395	1,909155	1,908771	1,907068	1,908402
1,911717	1,91027	1,909829	1,910218	1,910479	1,910387	1,910007	1,910481	1,908891	1,910065
1,913385	1,911907	1,911528	1,911955	1,912444	1,912379	1,91086	1,912191	1,910714	1,911728
1,915053	1,913543	1,913226	1,913691	1,914409	1,914371	1,911713	1,9139	1,912537	1,913391
1,916721	1,915179	1,914925	1,915427	1,916374	1,916363	1,912565	1,91561	1,91436	1,915054
1,918773	1,916714	1,916667	1,917225	1,918051	1,91808	1,914787	1,917467	1,916743	1,917052
1,921071	1,918183	1,918436	1,919063	1,919544	1,91962	1,917886	1,919419	1,919485	1,919266
1,923369	1,919653	1,920205	1,9209	1,921037	1,921159	1,920986	1,92137	1,922228	1,92148

1,925667	1,921122	1,921975	1,922737	1,922529	1,922699	1,924085	1,923321	1,92497	1,923693
1,927965	1,922592	1,923744	1,924575	1,924022	1,924239	1,927185	1,925273	1,927712	1,925907
1,930263	1,924061	1,925513	1,926412	1,925514	1,925778	1,930285	1,927224	1,930455	1,92812
1,931796	1,925403	1,926912	1,927876	1,926657	1,927119	1,931991	1,928581	1,931965	1,929601
1,931955	1,926515	1,927647	1,92867	1,927172	1,928102	1,931199	1,92887	1,931268	1,929768
1,932114	1,927628	1,928382	1,929464	1,927688	1,929086	1,930407	1,92916	1,93057	1,929935
1,932274	1,92874	1,929116	1,930258	1,928203	1,930069	1,929614	1,92945	1,929873	1,930103
1,932433	1,929853	1,929851	1,931052	1,928718	1,931053	1,928822	1,92974	1,929175	1,93027
1,932592	1,930965	1,930586	1,931846	1,929234	1,932037	1,92803	1,93003	1,928478	1,930437
1,932922	1,932053	1,931409	1,932705	1,929938	1,933033	1,927549	1,930492	1,928076	1,930765
1,934663	1,932941	1,932967	1,934091	1,932205	1,934137	1,929636	1,932378	1,930117	1,932428
1,936403	1,933828	1,934524	1,935477	1,934471	1,935242	1,931722	1,934265	1,932157	1,93409
1,938144	1,934716	1,936082	1,936864	1,936738	1,936346	1,933809	1,936151	1,934198	1,935753
1,939884	1,935603	1,937639	1,93825	1,939004	1,93745	1,935896	1,938037	1,936238	1,937415
1,941625	1,936491	1,939197	1,939637	1,941271	1,938554	1,937982	1,939924	1,938279	1,939077
1,943365	1,937378	1,940754	1,941023	1,943537	1,939659	1,940069	1,94181	1,94032	1,94074
1,943834	1,938221	1,941189	1,941022	1,943273	1,940205	1,940805	1,942148	1,941083	1,941273
1,944095	1,939056	1,941439	1,940794	1,942593	1,940661	1,94132	1,942231	1,941638	1,941621
1,944356	1,939891	1,941689	1,940565	1,941912	1,941116	1,941834	1,942315	1,942192	1,941969
1,944616	1,940725	1,941939	1,940336	1,941232	1,941571	1,942349	1,942398	1,942746	1,942317
1,944877	1,94156	1,942189	1,940107	1,940552	1,942026	1,942864	1,942482	1,9433	1,942665
1,945137	1,942395	1,942439	1,939879	1,939872	1,942482	1,943378	1,942565	1,943854	1,943014
1,946234	1,94409	1,943888	1,941189	1,941221	1,943875	1,944914	1,9439	1,945056	1,944477
1,947862	1,946334	1,9461	1,943479	1,943861	1,945867	1,947101	1,946032	1,946672	1,946652
1,949491	1,948577	1,948312	1,94577	1,946502	1,947858	1,949287	1,948164	1,948287	1,948826
1,95112	1,95082	1,950524	1,94806	1,949143	1,94985	1,951473	1,950296	1,949902	1,951001
1,952749	1,953063	1,952736	1,95035	1,951783	1,951841	1,95366	1,952428	1,951518	1,953175
1,954377	1,955306	1,954948	1,95264	1,954424	1,953833	1,955846	1,954559	1,953133	1,95535
1,955565	1,956601	1,956201	1,954247	1,956149	1,955177	1,957223	1,955842	1,954392	1,956623
1,955977	1,956231	1,95577	1,954656	1,956267	1,955384	1,95718	1,955634	1,955025	1,956314
1,95639	1,955862	1,95534	1,955065	1,956385	1,955591	1,957137	1,955426	1,955659	1,956006
1,956802	1,955493	1,954909	1,955474	1,956503	1,955799	1,957094	1,955218	1,956293	1,955698
1,957215	1,955123	1,954479	1,955882	1,956621	1,956006	1,957051	1,95501	1,956926	1,955389
1,957627	1,954754	1,954048	1,956291	1,956739	1,956214	1,957008	1,954802	1,95756	1,955081
1,958204	1,954673	1,953957	1,956886	1,957074	1,956617	1,957186	1,954897	1,958286	1,955082
1,960016	1,956766	1,95643	1,958892	1,959049	1,958498	1,959027	1,95728	1,959705	1,957425
1,961828	1,958859	1,958904	1,960898	1,961024	1,960379	1,960868	1,959663	1,961125	1,959767
1,96364	1,960952	1,961377	1,962904	1,963	1,96226	1,962709	1,962047	1,962544	1,96211
1,965452	1,963045	1,96385	1,96491	1,964975	1,964141	1,96455	1,96443	1,963964	1,964452
1,967264	1,965138	1,966323	1,966916	1,96695	1,966022	1,96639	1,966813	1,965383	1,966794
1,969076	1,967231	1,968796	1,968921	1,968925	1,967903	1,968231	1,969196	1,966803	1,969137
1,96997	1,968396	1,969648	1,969694	1,969557	1,968804	1,969569	1,970055	1,967916	1,969917
1,970729	1,969423	1,970258	1,970284	1,96999	1,96956	1,970832	1,970688	1,968983	1,970466
1,971488	1,97045	1,970869	1,970874	1,970422	1,970315	1,972095	1,971321	1,970051	1,971014
1,972246	1,971477	1,97148	1,971464	1,970855	1,971071	1,973358	1,971953	1,971118	1,971563
1,973005	1,972504	1,972091	1,972054	1,971287	1,971827	1,974621	1,972586	1,972186	1,972111
1,973764	1,973532	1,972702	1,972644	1,97172	1,972582	1,975884	1,973219	1,973253	1,97266

1,97381	1,973011	1,972339	1,972234	1,971272	1,97228	1,975207	1,972669	1,972918	1,972248
1,973431	1,971566	1,971395	1,971228	1,970298	1,971346	1,973371	1,971411	1,971743	1,971262
1,973052	1,97012	1,97045	1,970221	1,969323	1,970412	1,971534	1,970154	1,970568	1,970276
1,972673	1,968675	1,969506	1,969214	1,968349	1,969479	1,969698	1,968896	1,969394	1,96929
1,972293	1,96723	1,968562	1,968207	1,967375	1,968545	1,967862	1,967639	1,968219	1,968304
1,971914	1,965784	1,967617	1,967201	1,966401	1,967611	1,966026	1,966381	1,967044	1,967318
1,971764	1,965439	1,967729	1,9672	1,96644	1,967515	1,965552	1,966156	1,966742	1,967072
1,971984	1,966872	1,969551	1,968829	1,968119	1,968774	1,967281	1,967602	1,967852	1,968025
1,972203	1,968306	1,971372	1,970458	1,969799	1,970033	1,96901	1,969048	1,968962	1,968978
1,972423	1,969739	1,973194	1,972086	1,971478	1,971292	1,970739	1,970494	1,970073	1,969931
1,972642	1,971173	1,975015	1,973715	1,973157	1,972551	1,972469	1,97194	1,971182	1,970884
1,972862	1,972606	1,976837	1,975343	1,974836	1,97381	1,974198	1,973386	1,972293	1,971837
1,97342	1,97414	1,978542	1,976924	1,976522	1,975171	1,975923	1,97489	1,97356	1,972985
1,976071	1,976298	1,979527	1,978207	1,978245	1,97716	1,977623	1,97676	1,975801	1,975343
1,978723	1,978455	1,980513	1,979491	1,979968	1,979148	1,979323	1,978629	1,978043	1,9777
1,981375	1,980613	1,981498	1,980774	1,981691	1,981137	1,981023	1,980498	1,980284	1,980058
1,984027	1,98277	1,982483	1,982057	1,983414	1,983125	1,982723	1,982367	1,982526	1,982416
1,986678	1,984927	1,983468	1,98334	1,985137	1,985114	1,984423	1,984236	1,984767	1,984774
1,98933	1,987085	1,984454	1,984623	1,986861	1,987102	1,986123	1,986105	1,987009	1,987131
1,98749	1,98537	1,983156	1,983021	1,985283	1,985026	1,984534	1,983971	1,985178	1,985112
1,985129	1,983206	1,981593	1,981085	1,983322	1,982478	1,982564	1,981373	1,982875	1,982585
1,982768	1,981041	1,980031	1,979148	1,981362	1,97993	1,980593	1,978774	1,980572	1,980058
1,980407	1,978877	1,978468	1,977211	1,979401	1,977382	1,978623	1,976175	1,978269	1,977531
1,978046	1,976712	1,976905	1,975274	1,97744	1,974834	1,976652	1,973577	1,975966	1,975004
1,975685	1,974548	1,975342	1,973337	1,97548	1,972286	1,974681	1,970978	1,973663	1,972477
1,975999	1,974697	1,975692	1,973753	1,975734	1,97268	1,974989	1,971769	1,974278	1,97319
1,977721	1,976064	1,977049	1,97541	1,977155	1,974624	1,976495	1,974346	1,976429	1,975608
1,979444	1,977432	1,978406	1,977065	1,978577	1,976568	1,978002	1,976922	1,978581	1,978027
1,981167	1,978799	1,979763	1,978721	1,979998	1,978512	1,979509	1,979498	1,980732	1,980446
1,98289	1,980166	1,98112	1,980377	1,981419	1,980456	1,981016	1,982075	1,982884	1,982864
1,984612	1,981534	1,982476	1,982033	1,982841	1,9824	1,982522	1,984651	1,985035	1,985283
1,985916	1,982726	1,983772	1,983544	1,98393	1,9839	1,983933	1,986316	1,986555	1,98686
1,986628	1,98367	1,98498	1,98485	1,984551	1,984771	1,985208	1,98669	1,98718	1,987246
1,987339	1,984614	1,986188	1,986156	1,985172	1,985641	1,986482	1,987064	1,987805	1,987632
1,98805	1,985558	1,987397	1,987462	1,985793	1,986512	1,987756	1,987438	1,98843	1,988017
1,988762	1,986501	1,988605	1,988768	1,986413	1,987382	1,989031	1,987813	1,989055	1,988403
1,989473	1,987445	1,989813	1,990074	1,987034	1,988253	1,990305	1,988187	1,989681	1,988789
1,989772	1,987894	1,990428	1,990767	1,987296	1,98874	1,99098	1,988249	1,989887	1,988898
1,988125	1,986009	1,988245	1,988572	1,985871	1,987417	1,988826	1,986843	1,988123	1,987704
1,986478	1,984124	1,986062	1,986377	1,984446	1,986095	1,986673	1,985436	1,986358	1,98651
1,984831	1,982239	1,98388	1,984182	1,98302	1,984773	1,984519	1,984029	1,984593	1,985316
1,983185	1,980353	1,981697	1,981987	1,981595	1,98345	1,982366	1,982622	1,982828	1,984122
1,981538	1,978468	1,979514	1,979792	1,98017	1,982128	1,980213	1,981216	1,981063	1,982928
1,979891	1,976583	1,977331	1,977597	1,978744	1,980806	1,978059	1,979809	1,979299	1,981734
1,979459	1,976375	1,977254	1,97729	1,978576	1,979776	1,977665	1,979123	1,978511	1,98099
1,979109	1,976282	1,97732	1,977112	1,978494	1,978767	1,977391	1,978487	1,97779	1,980277
1,97876	1,976189	1,977387	1,976933	1,978411	1,977758	1,977117	1,97785	1,977069	1,979563

1,978411	1,976095	1,977453	1,976755	1,978329	1,976748	1,976843	1,977214	1,976349	1,97885
1,978062	1,976002	1,97752	1,976577	1,978247	1,975739	1,976569	1,976577	1,975628	1,978137
1,977712	1,975909	1,977587	1,976398	1,978164	1,97473	1,976295	1,97594	1,974907	1,977423
1,97741	1,975165	1,976924	1,975664	1,977302	1,973872	1,975598	1,975062	1,974122	1,976307
1,977128	1,97414	1,975947	1,97469	1,976103	1,973081	1,974718	1,974079	1,973308	1,975017
1,976846	1,973114	1,974969	1,973716	1,974904	1,972289	1,973838	1,973096	1,972495	1,973727
1,976565	1,972089	1,973992	1,972742	1,973704	1,971497	1,972959	1,972112	1,971681	1,972436
1,976283	1,971064	1,973014	1,971767	1,972505	1,970705	1,972079	1,971129	1,970868	1,971146
1,976001	1,970039	1,972036	1,970793	1,971306	1,969913	1,971199	1,970146	1,970055	1,969856
1,973998	1,967735	1,969915	1,968683	1,969055	1,968009	1,969138	1,968015	1,968079	1,967584
1,969984	1,963938	1,966457	1,965245	1,965574	1,964806	1,965697	1,964543	1,964746	1,964166
1,96597	1,960141	1,963	1,961808	1,962094	1,961604	1,962256	1,961071	1,961413	1,960747
1,961956	1,956344	1,959542	1,95837	1,958613	1,958401	1,958814	1,9576	1,95808	1,957328
1,957942	1,952547	1,956085	1,954933	1,955133	1,955198	1,955373	1,954128	1,954747	1,953909
1,953928	1,94875	1,952627	1,951495	1,951652	1,951995	1,951932	1,950656	1,951414	1,950491
1,949784	1,944701	1,948692	1,947672	1,947788	1,948361	1,948074	1,946835	1,947652	1,946752
1,945192	1,939786	1,943113	1,942522	1,942599	1,94324	1,94278	1,941815	1,942409	1,941908
1,940599	1,934871	1,937534	1,937372	1,93741	1,93812	1,937486	1,936794	1,937166	1,937065
1,936007	1,929956	1,931955	1,932221	1,932222	1,932999	1,932192	1,931773	1,931923	1,932222
1,931414	1,925041	1,926376	1,927071	1,927033	1,927879	1,926898	1,926753	1,92668	1,927379
1,926822	1,920126	1,920797	1,921921	1,921844	1,922758	1,921604	1,921732	1,921437	1,922536
1,92223	1,915211	1,915218	1,91677	1,916655	1,917638	1,91631	1,916711	1,916194	1,917693
1,916921	1,91021	1,910423	1,911647	1,911687	1,91242	1,911284	1,911599	1,911401	1,912366
1,911606	1,905208	1,905636	1,906525	1,906721	1,907201	1,906262	1,906485	1,906612	1,907035
1,90629	1,900206	1,900849	1,901402	1,901754	1,901982	1,901239	1,901372	1,901824	1,901703
1,900975	1,895204	1,896062	1,896279	1,896788	1,896763	1,896216	1,896258	1,897035	1,896372
1,895659	1,890202	1,891276	1,891156	1,891822	1,891545	1,891193	1,891145	1,892246	1,89104
1,890343	1,885199	1,886489	1,886034	1,886855	1,886326	1,88617	1,886031	1,887458	1,885709
1,88315	1,877975	1,879432	1,878879	1,879978	1,879394	1,878887	1,878607	1,879924	1,878805
1,875347	1,870028	1,871639	1,871064	1,872481	1,871907	1,87087	1,870432	1,8715	1,87139
1,867544	1,862082	1,863847	1,86325	1,864984	1,864419	1,862853	1,862257	1,863076	1,863975
1,859741	1,854136	1,856054	1,855436	1,857486	1,856932	1,854837	1,854082	1,854652	1,85656
1,851938	1,84619	1,848261	1,847621	1,849989	1,849444	1,84682	1,845908	1,846228	1,849145
1,844136	1,838244	1,840468	1,839807	1,842492	1,841957	1,838803	1,837733	1,837804	1,84173
1,836557	1,830651	1,832763	1,832227	1,834819	1,834481	1,830978	1,830028	1,8301	1,834113
1,829183	1,823381	1,825138	1,824862	1,826984	1,827015	1,823328	1,822755	1,823054	1,826312
1,821808	1,816111	1,817513	1,817496	1,81915	1,81955	1,815679	1,815481	1,816009	1,818511
1,814434	1,808841	1,809889	1,810131	1,811316	1,812084	1,808029	1,808208	1,808963	1,81071
1,80706	1,801571	1,802264	1,802766	1,803482	1,804618	1,800379	1,800934	1,801918	1,802909
1,799686	1,794302	1,794639	1,795401	1,795648	1,797153	1,79273	1,793661	1,794872	1,795108
1,791388	1,786026	1,786163	1,787095	1,787069	1,788844	1,784348	1,78548	1,786836	1,786567
1,780829	1,775287	1,775601	1,776489	1,776668	1,778472	1,774173	1,775077	1,776374	1,776213
1,770269	1,764549	1,76504	1,765884	1,766268	1,768101	1,763998	1,764674	1,765912	1,765859
1,759709	1,75381	1,754478	1,755278	1,755867	1,757729	1,753824	1,754271	1,755451	1,755506
1,749149	1,743072	1,743917	1,744672	1,745467	1,747357	1,743649	1,743869	1,744989	1,745152
1,73859	1,732334	1,733355	1,734066	1,735066	1,736985	1,733474	1,733466	1,734527	1,734798
1,728244	1,721801	1,722988	1,723664	1,724852	1,72677	1,723453	1,723235	1,724223	1,724621

1,721372	1,714605	1,715771	1,716569	1,717662	1,719102	1,715925	1,715802	1,716491	1,717312
1,7145	1,707409	1,708555	1,709474	1,710471	1,711434	1,708398	1,708368	1,708758	1,710003
1,707629	1,700213	1,701338	1,702379	1,703281	1,703766	1,70087	1,700935	1,701025	1,702693
1,700757	1,693018	1,694122	1,695284	1,69609	1,696098	1,693342	1,693501	1,693293	1,695384
1,693885	1,685822	1,686905	1,68819	1,6889	1,688429	1,685815	1,686068	1,68556	1,688075
1,687014	1,678626	1,679689	1,681095	1,68171	1,680761	1,678287	1,678634	1,677827	1,680766
1,677428	1,669544	1,670396	1,671738	1,672439	1,6716	1,669023	1,669172	1,668547	1,671282
1,667278	1,66007	1,660673	1,661911	1,662736	1,662128	1,659398	1,659289	1,658946	1,661346
1,657129	1,650596	1,65095	1,652085	1,653034	1,652656	1,649773	1,649406	1,649345	1,651411
1,646979	1,641121	1,641226	1,642259	1,643331	1,643185	1,640148	1,639524	1,639744	1,641475
1,63683	1,631647	1,631503	1,632432	1,633628	1,633713	1,630523	1,629641	1,630142	1,631539
1,626681	1,622173	1,621779	1,622606	1,623925	1,624241	1,620898	1,619758	1,620541	1,621603
1,617078	1,612505	1,612122	1,612931	1,614345	1,614786	1,611213	1,610153	1,611084	1,612005
1,607842	1,602707	1,602508	1,603359	1,604848	1,605342	1,601487	1,600737	1,601722	1,602633
1,598607	1,592908	1,592895	1,593787	1,59535	1,595898	1,59176	1,59132	1,592361	1,593262
1,589372	1,58311	1,583282	1,584215	1,585853	1,586454	1,582034	1,581903	1,582999	1,58389
1,580136	1,573311	1,573668	1,574642	1,576355	1,577009	1,572308	1,572486	1,573638	1,574519
1,570901	1,563513	1,564055	1,56507	1,566858	1,567565	1,562582	1,563069	1,564277	1,565147
1,562796	1,555154	1,555793	1,556882	1,558583	1,559332	1,554242	1,554878	1,556033	1,556895
1,556626	1,549258	1,549843	1,551059	1,552399	1,553169	1,548276	1,548784	1,549703	1,550557
1,550456	1,543362	1,543892	1,545235	1,546215	1,547006	1,542309	1,542689	1,543372	1,544219
1,544285	1,537465	1,537941	1,539412	1,540031	1,540843	1,536342	1,536594	1,537041	1,537882
1,538115	1,531569	1,531991	1,533589	1,533846	1,534681	1,530375	1,530499	1,53071	1,531544
1,531944	1,525673	1,52604	1,527766	1,527662	1,528518	1,524408	1,524404	1,524379	1,525206
1,525251	1,519178	1,519505	1,521337	1,520933	1,521832	1,517855	1,517774	1,517578	1,518379
1,5154	1,509065	1,509441	1,511241	1,510907	1,511983	1,507757	1,507908	1,507933	1,508593
1,505548	1,498951	1,499377	1,501146	1,500882	1,502134	1,497658	1,498042	1,498289	1,498807
1,495696	1,488838	1,489313	1,491051	1,490856	1,492286	1,48756	1,488176	1,488645	1,489021
1,485845	1,478724	1,479249	1,480956	1,480831	1,482437	1,477462	1,47831	1,479001	1,479235
1,475993	1,468611	1,469185	1,470861	1,470805	1,472589	1,467364	1,468444	1,469357	1,46945
1,466141	1,458498	1,45912	1,460765	1,46078	1,46274	1,457265	1,458578	1,459713	1,459664
1,459424	1,451806	1,452481	1,453984	1,454322	1,45602	1,450664	1,451911	1,452873	1,452994
1,452998	1,445431	1,446159	1,447511	1,448195	1,449591	1,444387	1,445541	1,446295	1,446614
1,446572	1,439057	1,439837	1,441038	1,442069	1,443162	1,43811	1,439171	1,439716	1,440234
1,440146	1,432683	1,433516	1,434565	1,435942	1,436733	1,431834	1,432801	1,433137	1,433853
1,43372	1,426308	1,427194	1,428092	1,429815	1,430305	1,425557	1,426431	1,426558	1,427473
1,427293	1,419934	1,420872	1,421619	1,423689	1,423875	1,41928	1,420061	1,419979	1,421093
1,421496	1,414148	1,415064	1,415775	1,417748	1,418034	1,413514	1,414184	1,414223	1,415257
1,415983	1,408628	1,409488	1,410217	1,411891	1,412458	1,407978	1,408531	1,408838	1,409667
1,410469	1,403108	1,403912	1,404658	1,406034	1,406882	1,402443	1,402877	1,403454	1,404078
1,404956	1,397588	1,398336	1,399099	1,400176	1,401306	1,396907	1,397223	1,398069	1,398488
1,399443	1,392068	1,39276	1,393541	1,394319	1,395729	1,391371	1,391569	1,392684	1,392898
1,393929	1,386548	1,387183	1,387982	1,388462	1,390153	1,385835	1,385915	1,3873	1,387308
1,388082	1,380737	1,381315	1,382105	1,382494	1,384283	1,379927	1,379997	1,381413	1,381378
1,381852	1,374591	1,375109	1,375863	1,376399	1,378073	1,373589	1,373774	1,37495	1,375056
1,375621	1,368446	1,368904	1,369621	1,370304	1,371864	1,367251	1,367551	1,368486	1,368734
1,369391	1,3623	1,362698	1,363378	1,364209	1,365654	1,360914	1,361328	1,362023	1,362412

1,36316	1,356154	1,356493	1,357136	1,358114	1,359445	1,354576	1,355105	1,355559	1,356089
1,35693	1,350008	1,350287	1,350893	1,352018	1,353236	1,348238	1,348882	1,349096	1,349767
1,351694	1,344844	1,345091	1,345674	1,346913	1,348037	1,342944	1,343642	1,343726	1,344481
1,349591	1,34277	1,343075	1,343676	1,344927	1,346022	1,340935	1,341497	1,341802	1,342459
1,347488	1,340698	1,341058	1,341677	1,342941	1,344008	1,338927	1,339351	1,339878	1,340436
1,345385	1,338625	1,339042	1,339679	1,340955	1,341993	1,336918	1,337206	1,337955	1,338414
1,343283	1,336552	1,337026	1,337681	1,338969	1,339978	1,33491	1,335061	1,336031	1,336391
1,34118	1,334479	1,335009	1,335683	1,336983	1,337964	1,332902	1,332916	1,334107	1,334369
1,339124	1,332456	1,333042	1,333734	1,335044	1,335997	1,330944	1,330827	1,332232	1,3324
1,33966	1,333206	1,333797	1,33446	1,335662	1,336668	1,331791	1,331822	1,333027	1,333336
1,340196	1,333955	1,334552	1,335187	1,33628	1,337338	1,332638	1,332817	1,333823	1,334273
1,340732	1,334704	1,335307	1,335914	1,336899	1,338009	1,333485	1,333812	1,334618	1,33521
1,341268	1,335454	1,336062	1,33664	1,337517	1,33868	1,334332	1,334807	1,335413	1,336147
1,341804	1,336203	1,336817	1,337367	1,338135	1,33935	1,335179	1,335802	1,336208	1,337084
1,34234	1,336953	1,337572	1,338094	1,338753	1,340021	1,336026	1,336797	1,337004	1,33802
1,345308	1,339933	1,340512	1,341072	1,341716	1,342969	1,339128	1,339769	1,340144	1,341015
1,348899	1,343486	1,344011	1,344627	1,34528	1,3465	1,342809	1,343249	1,343885	1,344536
1,352491	1,347039	1,34751	1,348183	1,348844	1,350032	1,346489	1,346729	1,347626	1,348058
1,356082	1,350591	1,351009	1,351738	1,352407	1,353563	1,35017	1,350209	1,351368	1,351579
1,359674	1,354144	1,354508	1,355293	1,355971	1,357095	1,35385	1,353688	1,355109	1,355101
1,363265	1,357697	1,358007	1,358849	1,359535	1,360626	1,357531	1,357168	1,35885	1,358622
1,367931	1,362357	1,36275	1,363537	1,36425	1,365302	1,36222	1,361838	1,363498	1,363235
1,373388	1,367832	1,368409	1,369059	1,369812	1,370821	1,367652	1,367384	1,368814	1,36865
1,378844	1,373307	1,374067	1,374581	1,375375	1,376339	1,373084	1,372929	1,374131	1,374065
1,384301	1,378783	1,379725	1,380103	1,380937	1,381857	1,378516	1,378475	1,379447	1,37948
1,389757	1,384258	1,385383	1,385625	1,3865	1,387376	1,383947	1,384021	1,384763	1,384895
1,395214	1,389733	1,391042	1,391147	1,392062	1,392894	1,38938	1,389566	1,390079	1,390311
1,401038	1,395627	1,396985	1,397011	1,397975	1,398809	1,39535	1,395552	1,395935	1,396232
1,407526	1,402277	1,403446	1,403496	1,404522	1,40544	1,402296	1,402335	1,402768	1,40307
1,414015	1,408927	1,409906	1,409981	1,411069	1,412072	1,409242	1,409117	1,409602	1,409907
1,420504	1,415578	1,416367	1,416466	1,417616	1,418703	1,416188	1,415899	1,416435	1,416745
1,426992	1,422228	1,422827	1,422951	1,424162	1,425335	1,423134	1,422681	1,423268	1,423583
1,433481	1,428878	1,429287	1,429437	1,430709	1,431966	1,43008	1,429464	1,430102	1,43042
1,439168	1,434702	1,434959	1,435141	1,436443	1,437758	1,43615	1,435416	1,436069	1,436407
1,439803	1,435318	1,435657	1,43593	1,437053	1,438257	1,436697	1,436141	1,436581	1,437036
1,440438	1,435935	1,436355	1,436719	1,437663	1,438756	1,437243	1,436865	1,437094	1,437664
1,441072	1,436551	1,437053	1,437508	1,438273	1,439254	1,43779	1,43759	1,437606	1,438293
1,441707	1,437167	1,437751	1,438297	1,438882	1,439753	1,438336	1,438315	1,438118	1,438921
1,442342	1,437784	1,438449	1,439086	1,439492	1,440252	1,438883	1,439039	1,43863	1,43955
1,442977	1,4384	1,439147	1,439875	1,440102	1,440751	1,43943	1,439764	1,439142	1,440178
1,441962	1,437693	1,438338	1,438916	1,439205	1,439838	1,438743	1,438978	1,438507	1,439373
1,440801	1,436869	1,437396	1,437804	1,438175	1,4388	1,437948	1,438059	1,437771	1,438441
1,439641	1,436045	1,436454	1,436692	1,437145	1,437762	1,437153	1,43714	1,437035	1,437509
1,43848	1,435222	1,435512	1,435579	1,436115	1,436724	1,436358	1,436222	1,436299	1,436577
1,437319	1,434398	1,43457	1,434467	1,435085	1,435686	1,435563	1,435303	1,435563	1,435645
1,436158	1,433574	1,433628	1,433355	1,434054	1,434649	1,434767	1,434384	1,434826	1,434713

		Without NH4: 0 minute, duplicate				Without NH4: 5th minute, duplicat			
AN45-5	AX0-1	AX0-2	AX0-3	AX0-4	AX0-5	AX5-1	AX5-2	AX5-3	AX5-4
0,121937	0,123628	0,124362	0,124836	0,125737	0,12622	0,123508	0,120929	0,121325	0,121317
0,120922	0,122553	0,123327	0,123816	0,124702	0,125184	0,122511	0,11993	0,120293	0,120292
0,119907	0,121479	0,122292	0,122797	0,123666	0,124148	0,121513	0,118932	0,119261	0,119267
0,118893	0,120404	0,121257	0,121777	0,122631	0,123112	0,120516	0,117934	0,118229	0,118243
0,117878	0,11933	0,120221	0,120758	0,121595	0,122076	0,119518	0,116935	0,117197	0,117218
0,116864	0,118255	0,119186	0,119738	0,12056	0,12104	0,118521	0,115937	0,116165	0,116194
0,115929	0,117275	0,11824	0,118802	0,119616	0,12009	0,117611	0,115027	0,115227	0,115263
0,115377	0,116751	0,117722	0,118269	0,11911	0,119555	0,117122	0,114544	0,114742	0,114786
0,114826	0,116226	0,117204	0,117737	0,118604	0,11902	0,116634	0,114061	0,114258	0,114309
0,114274	0,115702	0,116686	0,117204	0,118098	0,118485	0,116146	0,113578	0,113773	0,113832
0,113723	0,115177	0,116168	0,116671	0,117592	0,117951	0,115657	0,113095	0,113289	0,113355
0,113171	0,114653	0,11565	0,116138	0,117086	0,117416	0,115169	0,112612	0,112804	0,112878
0,112619	0,114128	0,115133	0,115605	0,11658	0,116881	0,114681	0,112129	0,11232	0,112401
0,112498	0,114028	0,115012	0,115504	0,116464	0,116781	0,114617	0,112065	0,112257	0,112338
0,11244	0,113989	0,11495	0,115466	0,116405	0,116745	0,114614	0,112062	0,112256	0,112336
0,112381	0,11395	0,114888	0,115428	0,116346	0,116708	0,114612	0,11206	0,112255	0,112333
0,112322	0,113911	0,114826	0,11539	0,116287	0,116672	0,114609	0,112057	0,112253	0,112331
0,112264	0,113873	0,114763	0,115352	0,116228	0,116635	0,114607	0,112054	0,112252	0,112328
0,112205	0,113834	0,114701	0,115314	0,11617	0,116598	0,114604	0,112051	0,112251	0,112326
0,105623	0,107227	0,108082	0,108718	0,109572	0,110005	0,108035	0,105475	0,105674	0,105753
0,0942	0,095744	0,096596	0,097256	0,098121	0,098545	0,096593	0,094018	0,094218	0,094303
0,082777	0,084261	0,08511	0,085793	0,08667	0,087086	0,08515	0,082562	0,082761	0,082853
0,071353	0,072778	0,073624	0,074331	0,075218	0,075626	0,073708	0,071106	0,071305	0,071404
0,05993	0,061296	0,062138	0,062868	0,063767	0,064166	0,062265	0,05965	0,059848	0,059954
0,048507	0,049813	0,050652	0,051406	0,052316	0,052707	0,050822	0,048194	0,048392	0,048504
0,038469	0,039677	0,040477	0,041214	0,042093	0,04246	0,04067	0,038147	0,038336	0,038448
0,032083	0,03309	0,033758	0,034372	0,035105	0,035412	0,033919	0,031814	0,031972	0,032065
0,025697	0,026504	0,027038	0,027531	0,028118	0,028363	0,027167	0,025482	0,025608	0,025683
0,019311	0,019917	0,020319	0,020689	0,02113	0,021315	0,020416	0,019149	0,019244	0,0193
0,012925	0,013331	0,0136	0,013847	0,014143	0,014266	0,013665	0,012817	0,01288	0,012918
0,006539	0,006744	0,00688	0,007006	0,007155	0,007218	0,006913	0,006484	0,006517	0,006536
0,000153	0,000158	0,000161	0,000164	0,000168	0,000169	0,000162	0,000152	0,000153	0,000153
-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08
-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08
-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08
-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08
-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08
-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08
-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08
-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08
-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08
-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08
-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08
-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08
-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08

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-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07
-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07
-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08
-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08
4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10
5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08
9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08
1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07
1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07
1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07
1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07
1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07
1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07
1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07
1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07
1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07
1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07
9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08
8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08
8,63E-05	5,28E-08	5,28E-08	5,28E-08	1,48E-05	4,40E-05	0,000332	9,37E-05	9,88E-05	0,000101
0,000252	1,12E-08	1,12E-08	1,12E-08	4,32E-05	0,000129	0,000969	0,000274	0,000289	0,000294
0,000418	-3,04E-08	-3,04E-08	-3,04E-08	7,16E-05	0,000213	0,001607	0,000454	0,000479	0,000488
0,000584	-7,20E-08	-7,20E-08	-7,20E-08	0,0001	0,000298	0,002244	0,000634	0,000668	0,000682
0,000749	-1,14E-07	-1,14E-07	-1,14E-07	0,000128	0,000382	0,002882	0,000813	0,000858	0,000875
0,000915	-1,55E-07	-1,55E-07	-1,55E-07	0,000157	0,000467	0,003519	0,000993	0,001048	0,001069
0,006003	0,004793	0,004821	0,004854	0,00508	0,005436	0,008952	0,00608	0,006141	0,006165
0,025544	0,023664	0,023799	0,023964	0,024376	0,024751	0,028467	0,025577	0,025633	0,025658
0,045086	0,042534	0,042776	0,043074	0,043673	0,044066	0,047983	0,045074	0,045124	0,045151
0,064627	0,061405	0,061754	0,062184	0,062969	0,063381	0,067498	0,06457	0,064616	0,064644
0,084168	0,080275	0,080732	0,081294	0,082266	0,082696	0,087014	0,084067	0,084107	0,084137
0,10371	0,099146	0,09971	0,100404	0,101562	0,102012	0,106529	0,103563	0,103599	0,103631
0,123251	0,118016	0,118688	0,119514	0,120859	0,121327	0,126045	0,12306	0,12309	0,123124
0,142367	0,136944	0,137636	0,138476	0,139837	0,140306	0,14516	0,142212	0,142239	0,142252
0,161478	0,155872	0,156583	0,157436	0,158812	0,159282	0,164271	0,161361	0,161385	0,161378
0,180589	0,174801	0,175531	0,176395	0,177787	0,178258	0,183382	0,180509	0,18053	0,180503
0,1997	0,193729	0,194479	0,195355	0,196762	0,197234	0,202493	0,199658	0,199675	0,199628
0,218811	0,212657	0,213426	0,214315	0,215737	0,21621	0,221604	0,218807	0,218821	0,218753
0,237922	0,231586	0,232374	0,233275	0,234712	0,235186	0,240715	0,237955	0,237966	0,237878
0,258209	0,25153	0,252328	0,253258	0,254713	0,255192	0,260954	0,25818	0,258177	0,258093
0,278941	0,271859	0,272662	0,273627	0,275101	0,275587	0,281619	0,278811	0,278789	0,278719
0,299672	0,292188	0,292995	0,293996	0,295489	0,295982	0,302284	0,299442	0,299402	0,299344
0,320403	0,312516	0,313329	0,314365	0,315877	0,316376	0,322949	0,320073	0,320015	0,31997
0,341135	0,332845	0,333663	0,334734	0,336266	0,336771	0,343614	0,340704	0,340628	0,340596
0,361866	0,353174	0,353997	0,355102	0,356654	0,357166	0,364279	0,361335	0,36124	0,361222
0,38421	0,375085	0,375898	0,377028	0,3786	0,379126	0,386523	0,383554	0,383449	0,383427
0,408424	0,398833	0,399618	0,40076	0,402351	0,402903	0,410597	0,407613	0,407507	0,407464
0,432638	0,42258	0,423338	0,424491	0,426103	0,426679	0,434671	0,431673	0,431566	0,431501

0,456852	0,446328	0,447058	0,448222	0,449855	0,450455	0,458745	0,455733	0,455624	0,455539
0,481066	0,470076	0,470778	0,471954	0,473607	0,474232	0,48282	0,479792	0,479683	0,479576
0,50528	0,493823	0,494498	0,495685	0,497358	0,498008	0,506894	0,503852	0,503742	0,503613
0,531926	0,520034	0,520694	0,521902	0,523589	0,524265	0,53342	0,53036	0,530255	0,530113
0,568238	0,556031	0,556729	0,557995	0,55967	0,56038	0,569688	0,566597	0,566522	0,566403
0,60455	0,592028	0,592764	0,594088	0,595751	0,596495	0,605955	0,602834	0,602789	0,602692
0,640862	0,628026	0,628799	0,630182	0,631832	0,632611	0,642223	0,639071	0,639056	0,638981
0,677174	0,664023	0,664835	0,666275	0,667913	0,668726	0,678491	0,675308	0,675324	0,67527
0,713486	0,70002	0,70087	0,702369	0,703994	0,704841	0,714759	0,711545	0,711591	0,71156
0,749798	0,736017	0,736905	0,738462	0,740075	0,740956	0,751027	0,747782	0,747858	0,747849
0,799741	0,785651	0,786531	0,788028	0,789654	0,790491	0,800782	0,797595	0,797603	0,7976
0,850555	0,836155	0,837026	0,838454	0,840095	0,840883	0,851399	0,848277	0,848209	0,848211
0,901369	0,88666	0,887521	0,88888	0,890536	0,891276	0,902015	0,898958	0,898815	0,898823
0,952183	0,937165	0,938015	0,939307	0,940977	0,941668	0,952632	0,94964	0,949421	0,949434
1,002997	0,987669	0,98851	0,989733	0,991418	0,99206	1,003249	1,000321	1,000027	1,000045
1,053811	1,038174	1,039005	1,040159	1,041859	1,042452	1,053866	1,051002	1,050634	1,050657
1,109197	1,093873	1,094694	1,095805	1,097479	1,098132	1,109358	1,106513	1,106058	1,106128
1,166745	1,152029	1,15284	1,153918	1,155549	1,156312	1,167156	1,164307	1,16376	1,163898
1,224293	1,210184	1,210985	1,212032	1,213618	1,214491	1,224954	1,222101	1,221462	1,221667
1,28184	1,26834	1,269131	1,270145	1,271688	1,272671	1,282752	1,279896	1,279164	1,279437
1,339388	1,326495	1,327276	1,328259	1,329758	1,330851	1,34055	1,33769	1,336866	1,337206
1,396936	1,38465	1,385422	1,386373	1,387827	1,389031	1,398348	1,395484	1,394568	1,394976
1,445846	1,434328	1,435158	1,4361	1,43752	1,438684	1,44752	1,444642	1,443743	1,444204
1,482775	1,472248	1,473231	1,474198	1,475594	1,476509	1,484728	1,481821	1,481093	1,481586
1,519705	1,510168	1,511303	1,512295	1,513668	1,514334	1,521936	1,519001	1,518444	1,518968
1,556634	1,548088	1,549376	1,550393	1,551742	1,552159	1,559144	1,556181	1,555794	1,556349
1,593563	1,586008	1,587448	1,58849	1,589816	1,589985	1,596352	1,593361	1,593144	1,593731
1,630493	1,623928	1,625521	1,626587	1,62789	1,62781	1,633559	1,63054	1,630494	1,631113
1,6643	1,65872	1,660393	1,661492	1,662792	1,662544	1,667607	1,664532	1,664629	1,665269
1,681723	1,677099	1,678471	1,67964	1,681046	1,68105	1,685065	1,681789	1,68189	1,682493
1,699147	1,695478	1,696548	1,697788	1,6993	1,699556	1,702522	1,699046	1,699152	1,699717
1,71657	1,713856	1,714625	1,715935	1,717554	1,718062	1,71998	1,716303	1,716413	1,716941
1,733993	1,732235	1,732703	1,734083	1,735808	1,736569	1,737438	1,73356	1,733674	1,734164
1,751416	1,750614	1,75078	1,75223	1,754062	1,755075	1,754896	1,750817	1,750935	1,751388
1,76884	1,768992	1,768857	1,770378	1,772316	1,773581	1,772353	1,768074	1,768197	1,768612
1,776873	1,77723	1,777181	1,778872	1,780553	1,781657	1,780697	1,776467	1,776625	1,776984
1,783876	1,784353	1,784433	1,786305	1,78769	1,788588	1,788039	1,783886	1,784083	1,784384
1,790878	1,791476	1,791684	1,793738	1,794826	1,795518	1,795382	1,791305	1,791542	1,791784
1,79788	1,798599	1,798936	1,801172	1,801963	1,802449	1,802724	1,798725	1,799	1,799183
1,804882	1,805722	1,806188	1,808605	1,8091	1,809379	1,810066	1,806144	1,806458	1,806583
1,811884	1,812846	1,81344	1,816038	1,816236	1,81631	1,817408	1,813563	1,813916	1,813983
1,81684	1,817721	1,818395	1,820863	1,821084	1,821164	1,822242	1,818529	1,818883	1,819092
1,820659	1,821349	1,822074	1,82424	1,824662	1,824865	1,825682	1,822133	1,822466	1,82293
1,824478	1,824977	1,825753	1,827616	1,82824	1,828566	1,829122	1,825737	1,82605	1,826768
1,828297	1,828605	1,829432	1,830993	1,831817	1,832268	1,832563	1,82934	1,829633	1,830606
1,832116	1,832233	1,833111	1,834369	1,835395	1,835969	1,836003	1,832944	1,833217	1,834444
1,835935	1,835861	1,83679	1,837746	1,838973	1,83967	1,839444	1,836548	1,8368	1,838282

1,839396	1,839275	1,840291	1,841132	1,842356	1,843166	1,842803	1,83994	1,840172	1,841643
1,842288	1,84235	1,84351	1,844535	1,845429	1,846335	1,846034	1,842995	1,843205	1,844245
1,845179	1,845424	1,846729	1,847938	1,848503	1,849504	1,849264	1,846051	1,846238	1,846848
1,84807	1,848499	1,849948	1,851341	1,851577	1,852673	1,852495	1,849106	1,849271	1,849451
1,850962	1,851573	1,853167	1,854744	1,854651	1,855842	1,855726	1,852162	1,852304	1,852054
1,853853	1,854648	1,856385	1,858147	1,857725	1,85901	1,858957	1,855217	1,855337	1,854656
1,856554	1,857466	1,859305	1,861211	1,860562	1,861878	1,861897	1,85803	1,858128	1,857099
1,85798	1,858576	1,860223	1,862002	1,861822	1,862728	1,862896	1,859224	1,859297	1,858469
1,859406	1,859685	1,861141	1,862794	1,863081	1,863579	1,863895	1,860417	1,860466	1,85984
1,860831	1,860795	1,862059	1,863585	1,86434	1,86443	1,864894	1,86161	1,861635	1,86121
1,862257	1,861904	1,862978	1,864377	1,865599	1,86528	1,865893	1,862803	1,862803	1,86258
1,863683	1,863014	1,863896	1,865168	1,866858	1,866131	1,866893	1,863996	1,863972	1,863951
1,865109	1,864123	1,864814	1,86596	1,868117	1,866982	1,867892	1,86519	1,865141	1,865321
1,868048	1,86754	1,868188	1,869167	1,871436	1,870452	1,870852	1,868324	1,868055	1,868016
1,871205	1,871289	1,871916	1,872723	1,875051	1,8743	1,874095	1,871738	1,871221	1,870903
1,874363	1,875038	1,875644	1,87628	1,878666	1,878149	1,877338	1,875151	1,874387	1,873789
1,87752	1,878786	1,879372	1,879836	1,882281	1,881997	1,880581	1,878565	1,877553	1,876675
1,880677	1,882535	1,883101	1,883392	1,885897	1,885845	1,883824	1,881979	1,880719	1,879561
1,883835	1,886284	1,886829	1,886948	1,889512	1,889694	1,887067	1,885393	1,883885	1,882447
1,884651	1,887304	1,88806	1,888189	1,890438	1,890655	1,888377	1,886525	1,88514	1,883637
1,884032	1,886652	1,887761	1,888011	1,889717	1,889847	1,888502	1,886259	1,885225	1,883788
1,883414	1,885999	1,887461	1,887832	1,888995	1,889039	1,888627	1,885993	1,88531	1,883939
1,882795	1,885346	1,887162	1,887654	1,888274	1,888232	1,888753	1,885727	1,885395	1,88409
1,882177	1,884694	1,886863	1,887476	1,887552	1,887424	1,888878	1,88546	1,885479	1,884241
1,881558	1,884041	1,886563	1,887297	1,886831	1,886616	1,889003	1,885194	1,885564	1,884392
1,882524	1,884855	1,887447	1,888263	1,887476	1,887377	1,890056	1,886024	1,886657	1,885723
1,886235	1,888208	1,890379	1,891209	1,890489	1,890856	1,892717	1,888752	1,889495	1,8891
1,889946	1,891562	1,893311	1,894155	1,893502	1,894335	1,895377	1,891479	1,892333	1,892478
1,893658	1,894915	1,896243	1,8971	1,896515	1,897813	1,898037	1,894207	1,895172	1,895855
1,897369	1,898268	1,899175	1,900046	1,899528	1,901292	1,900698	1,896935	1,89801	1,899233
1,90108	1,901622	1,902107	1,902992	1,90254	1,904771	1,903358	1,899663	1,900848	1,90261
1,904359	1,904607	1,904776	1,905665	1,905348	1,907908	1,905773	1,902191	1,903427	1,905616
1,904238	1,904703	1,905379	1,906187	1,906545	1,908362	1,906259	1,90315	1,903973	1,905713
1,904118	1,904799	1,905981	1,90671	1,907742	1,908816	1,906746	1,904109	1,904518	1,90581
1,903998	1,904895	1,906584	1,907233	1,908939	1,90927	1,907232	1,905068	1,905064	1,905907
1,903878	1,904991	1,907187	1,907755	1,910136	1,909724	1,907719	1,906027	1,905609	1,906004
1,903758	1,905087	1,907789	1,908278	1,911333	1,910178	1,908205	1,906986	1,906155	1,906101
1,903638	1,905183	1,908392	1,9088	1,91253	1,910632	1,908692	1,907945	1,9067	1,906198
1,905577	1,906847	1,909637	1,910321	1,913515	1,912276	1,910247	1,909152	1,908441	1,907771
1,907851	1,908768	1,910986	1,912004	1,914466	1,914114	1,911976	1,910399	1,910376	1,909584
1,910124	1,910688	1,912336	1,913688	1,915418	1,915952	1,913706	1,911646	1,912312	1,911397
1,912398	1,912609	1,913685	1,915371	1,916369	1,91779	1,915435	1,912894	1,914247	1,913211
1,914672	1,914529	1,915035	1,917054	1,91732	1,919628	1,917164	1,914141	1,916182	1,915024
1,916945	1,916449	1,916384	1,918737	1,918271	1,921466	1,918893	1,915389	1,918118	1,916837
1,91905	1,918495	1,918287	1,920697	1,919826	1,922971	1,920709	1,917219	1,920093	1,918859
1,921046	1,920621	1,920545	1,922833	1,921769	1,924262	1,922579	1,919424	1,922094	1,921015
1,923042	1,922747	1,922802	1,92497	1,923712	1,925552	1,92445	1,921629	1,924095	1,923172

1,925039	1,924873	1,92506	1,927107	1,925655	1,926843	1,926321	1,923834	1,926095	1,925328
1,927035	1,926999	1,927318	1,929244	1,927597	1,928134	1,928191	1,926039	1,928096	1,927484
1,929031	1,929125	1,929576	1,93138	1,92954	1,929424	1,930062	1,928244	1,930097	1,929641
1,930253	1,930561	1,93114	1,932693	1,931016	1,930508	1,931392	1,929553	1,931186	1,930874
1,930087	1,930757	1,931461	1,932527	1,931653	1,931222	1,931752	1,929255	1,930641	1,930452
1,929922	1,930954	1,931783	1,932362	1,932291	1,931936	1,932112	1,928957	1,930096	1,93003
1,929756	1,93115	1,932104	1,932197	1,932929	1,932649	1,932472	1,928659	1,929551	1,929608
1,929591	1,931347	1,932425	1,932031	1,933567	1,933363	1,932832	1,928361	1,929005	1,929186
1,929425	1,931543	1,932747	1,931866	1,934205	1,934077	1,933192	1,928062	1,92846	1,928765
1,929463	1,93186	1,933206	1,931954	1,934973	1,934859	1,93367	1,928058	1,928179	1,928646
1,931178	1,933175	1,9348	1,934133	1,936822	1,936204	1,935129	1,930481	1,930073	1,931033
1,932894	1,93449	1,936394	1,936312	1,93867	1,937549	1,936588	1,932903	1,931968	1,93342
1,934609	1,935806	1,937989	1,938491	1,940519	1,938894	1,938046	1,935326	1,933863	1,935807
1,936324	1,937121	1,939583	1,940671	1,942368	1,940239	1,939505	1,937748	1,935758	1,938193
1,93804	1,938436	1,941177	1,94285	1,944216	1,941584	1,940964	1,940171	1,937652	1,94058
1,939755	1,939751	1,942771	1,945029	1,946065	1,942929	1,942422	1,942593	1,939547	1,942967
1,940287	1,940151	1,942882	1,945162	1,946193	1,943351	1,942953	1,942964	1,940645	1,94362
1,940625	1,9404	1,94275	1,944959	1,946039	1,943621	1,943331	1,942998	1,941612	1,943989
1,940963	1,94065	1,942618	1,944757	1,945884	1,943892	1,94371	1,943033	1,942578	1,944358
1,941301	1,9409	1,942485	1,944554	1,94573	1,944162	1,944088	1,943067	1,943545	1,944727
1,941639	1,94115	1,942353	1,944351	1,945576	1,944432	1,944467	1,943101	1,944512	1,945096
1,941976	1,9414	1,942221	1,944149	1,945422	1,944702	1,944845	1,943136	1,945479	1,945465
1,943458	1,943036	1,943785	1,945493	1,947013	1,946606	1,94663	1,944404	1,947055	1,946623
1,945668	1,945556	1,946429	1,947823	1,949715	1,949551	1,949309	1,946457	1,949018	1,948283
1,947879	1,948075	1,949073	1,950153	1,952418	1,952495	1,95199	1,948511	1,950981	1,949943
1,950089	1,950595	1,951718	1,952483	1,95512	1,955439	1,954669	1,950565	1,952945	1,951603
1,952299	1,953114	1,954362	1,954813	1,957822	1,958384	1,957349	1,952618	1,954908	1,953263
1,954509	1,955634	1,957006	1,957143	1,960525	1,961328	1,960029	1,954672	1,956871	1,954923
1,955923	1,957491	1,958762	1,958732	1,962208	1,962997	1,961701	1,956082	1,958088	1,956097
1,955939	1,958187	1,958957	1,95902	1,962102	1,96243	1,961605	1,956363	1,957996	1,956419
1,955954	1,958883	1,959153	1,959308	1,961996	1,961862	1,961509	1,956644	1,957904	1,956741
1,95597	1,959579	1,959349	1,959596	1,96189	1,961294	1,961412	1,956926	1,957811	1,957063
1,955986	1,960275	1,959545	1,959884	1,961784	1,960726	1,961316	1,957207	1,957719	1,957385
1,956001	1,960971	1,95974	1,960172	1,961679	1,960158	1,961219	1,957488	1,957626	1,957707
1,956288	1,961701	1,96005	1,960604	1,961766	1,959911	1,961279	1,957937	1,957736	1,95819
1,958624	1,962689	1,961224	1,96212	1,963314	1,962092	1,962515	1,959655	1,959371	1,959888
1,960961	1,963678	1,962397	1,963635	1,964863	1,964273	1,963752	1,961374	1,961007	1,961586
1,963297	1,964666	1,963571	1,965151	1,966411	1,966453	1,964988	1,963092	1,962642	1,963285
1,965633	1,965654	1,964745	1,966666	1,96796	1,968634	1,966224	1,964811	1,964277	1,964983
1,967969	1,966643	1,965918	1,968182	1,969508	1,970814	1,967461	1,966529	1,965913	1,966681
1,970305	1,967631	1,967092	1,969697	1,971056	1,972995	1,968697	1,968247	1,967548	1,968379
1,970839	1,968462	1,968422	1,970656	1,972115	1,973494	1,969875	1,969137	1,968517	1,969175
1,971106	1,969269	1,969775	1,971532	1,973101	1,973744	1,971044	1,969904	1,969387	1,969837
1,971373	1,970076	1,971129	1,972409	1,974088	1,973994	1,972213	1,970671	1,970257	1,970499
1,97164	1,970883	1,972482	1,973285	1,975074	1,974244	1,973382	1,971438	1,971127	1,971161
1,971908	1,97169	1,973836	1,974161	1,976061	1,974494	1,974552	1,972205	1,971997	1,971824
1,972175	1,972497	1,975189	1,975037	1,977047	1,974744	1,975721	1,972972	1,972867	1,972486

1,971821	1,972555	1,975023	1,974857	1,97694	1,974462	1,975854	1,972877	1,973213	1,972628
1,971097	1,972166	1,973949	1,974046	1,976179	1,973861	1,975369	1,972267	1,973245	1,972459
1,970372	1,971776	1,972876	1,973235	1,975419	1,973261	1,974884	1,971656	1,973277	1,972291
1,969647	1,971386	1,971802	1,972424	1,974659	1,97266	1,974399	1,971046	1,97331	1,972122
1,968923	1,970997	1,970728	1,971613	1,973898	1,97206	1,973915	1,970436	1,973342	1,971953
1,968198	1,970607	1,969655	1,970802	1,973138	1,971459	1,97343	1,969826	1,973374	1,971784
1,968147	1,9707	1,969494	1,970569	1,972938	1,971617	1,973489	1,96973	1,973369	1,971748
1,969186	1,971573	1,97081	1,971274	1,973644	1,973003	1,97443	1,970465	1,973304	1,971925
1,970225	1,972447	1,972127	1,971978	1,97435	1,974388	1,975371	1,9712	1,973238	1,972103
1,971263	1,97332	1,973443	1,972682	1,975056	1,975774	1,976312	1,971935	1,973173	1,972281
1,972302	1,974194	1,97476	1,973386	1,975763	1,977159	1,977253	1,97267	1,973107	1,972458
1,973341	1,975067	1,976076	1,97409	1,976469	1,978544	1,978194	1,973405	1,973042	1,972636
1,974531	1,976108	1,977472	1,975048	1,977415	1,98004	1,979239	1,974336	1,973363	1,97316
1,976657	1,978186	1,97936	1,977577	1,979846	1,98222	1,980926	1,976484	1,97608	1,975832
1,978784	1,980265	1,981248	1,980107	1,982277	1,9844	1,982613	1,978631	1,978796	1,978504
1,98091	1,982343	1,983136	1,982636	1,984708	1,98658	1,9843	1,980778	1,981512	1,981176
1,983037	1,984421	1,985024	1,985165	1,98714	1,98876	1,985988	1,982926	1,984229	1,983848
1,985164	1,986499	1,986912	1,987695	1,989571	1,99094	1,987675	1,985073	1,986945	1,98652
1,98729	1,988578	1,9888	1,990224	1,992002	1,99312	1,989362	1,987221	1,989662	1,989192
1,985495	1,98667	1,987161	1,988514	1,990328	1,991002	1,987808	1,985658	1,987761	1,987345
1,983245	1,9843	1,985112	1,986313	1,988178	1,988385	1,985877	1,983665	1,985324	1,984974
1,980995	1,98193	1,983063	1,984111	1,986027	1,985768	1,983946	1,981671	1,982887	1,982602
1,978745	1,97956	1,981014	1,98191	1,983877	1,983152	1,982015	1,979678	1,980451	1,980231
1,976494	1,977189	1,978965	1,979708	1,981726	1,980535	1,980083	1,977685	1,978014	1,977859
1,974244	1,974819	1,976917	1,977506	1,979576	1,977918	1,978152	1,975692	1,975577	1,975488
1,974581	1,975334	1,977624	1,978119	1,979816	1,978459	1,978638	1,976196	1,976063	1,975876
1,976281	1,977369	1,979782	1,980213	1,981315	1,980663	1,980396	1,978016	1,978088	1,977717
1,977981	1,979404	1,981941	1,982307	1,982813	1,982867	1,982154	1,979836	1,980114	1,979558
1,979681	1,981439	1,984099	1,984401	1,984312	1,98507	1,983912	1,981656	1,982139	1,981399
1,98138	1,983473	1,986257	1,986495	1,985811	1,987274	1,985671	1,983476	1,984164	1,983241
1,98308	1,985508	1,988416	1,98859	1,98731	1,989478	1,987429	1,985296	1,986189	1,985082
1,984518	1,986946	1,989801	1,98986	1,988367	1,990831	1,988679	1,98655	1,98759	1,98641
1,985587	1,987539	1,990092	1,989965	1,988798	1,99098	1,989209	1,987	1,988108	1,987014
1,986655	1,988132	1,990382	1,990069	1,989229	1,991129	1,989739	1,987451	1,988626	1,987617
1,987724	1,988725	1,990673	1,990174	1,98966	1,991278	1,990269	1,987902	1,989143	1,98822
1,988792	1,989318	1,990963	1,990278	1,990092	1,991427	1,990799	1,988353	1,989661	1,988823
1,989861	1,989912	1,991254	1,990383	1,990523	1,991576	1,99133	1,988803	1,990179	1,989426
1,990362	1,990169	1,991225	1,990254	1,990697	1,991489	1,991559	1,988908	1,990336	1,989619
1,98819	1,988843	1,989691	1,989025	1,989661	1,990289	1,99037	1,987382	1,988794	1,987876
1,986018	1,987517	1,988158	1,987795	1,988625	1,989089	1,98918	1,985855	1,987253	1,986134
1,983846	1,98619	1,986625	1,986566	1,987589	1,987889	1,987991	1,984329	1,985711	1,984391
1,981674	1,984864	1,985091	1,985336	1,986553	1,986689	1,986802	1,982803	1,98417	1,982649
1,979502	1,983538	1,983558	1,984107	1,985517	1,985489	1,985612	1,981276	1,982628	1,980906
1,97733	1,982212	1,982024	1,982877	1,98448	1,984289	1,984423	1,97975	1,981087	1,979164
1,977164	1,98192	1,981819	1,982672	1,984105	1,984146	1,983385	1,979355	1,980631	1,978866
1,977135	1,981698	1,981705	1,982536	1,983775	1,984075	1,982358	1,979038	1,980249	1,978666
1,977105	1,981477	1,981591	1,982401	1,983446	1,984004	1,981331	1,978721	1,979867	1,978466

1,977076	1,981255	1,981477	1,982265	1,983116	1,983934	1,980304	1,978404	1,979485	1,978266
1,977047	1,981033	1,981363	1,982129	1,982786	1,983863	1,979277	1,978086	1,979103	1,978067
1,977017	1,980812	1,981249	1,981994	1,982456	1,983792	1,97825	1,977769	1,978721	1,977867
1,97624	1,979376	1,980092	1,981026	1,981791	1,982818	1,977595	1,976779	1,97798	1,977278
1,975138	1,977414	1,978483	1,979699	1,980981	1,981452	1,977101	1,975497	1,977084	1,97652
1,974036	1,975452	1,976875	1,978372	1,980171	1,980087	1,976607	1,974216	1,976188	1,975763
1,972935	1,973491	1,975266	1,977044	1,979361	1,978721	1,976113	1,972935	1,975292	1,975005
1,971833	1,971529	1,973658	1,975717	1,978552	1,977356	1,975619	1,971653	1,974396	1,974248
1,970731	1,969568	1,972049	1,974389	1,977742	1,975991	1,975125	1,970372	1,9735	1,97349
1,968466	1,967512	1,970037	1,972312	1,975796	1,97379	1,973063	1,968277	1,971307	1,971381
1,964841	1,965346	1,967554	1,969359	1,972523	1,970614	1,969168	1,965232	1,967597	1,967691
1,961216	1,963181	1,965071	1,966406	1,96925	1,967437	1,965273	1,962188	1,963888	1,964001
1,957592	1,961015	1,962588	1,963453	1,965977	1,964261	1,961378	1,959143	1,960179	1,960311
1,953967	1,95885	1,960105	1,960499	1,962704	1,961084	1,957483	1,956098	1,956469	1,956621
1,950342	1,956684	1,957622	1,957546	1,959432	1,957908	1,953588	1,953053	1,95276	1,952931
1,946471	1,953875	1,954643	1,954132	1,955797	1,954405	1,94964	1,949616	1,948841	1,949008
1,941751	1,948845	1,949956	1,949128	1,950918	1,949777	1,945511	1,944828	1,944202	1,944283
1,937032	1,943816	1,94527	1,944124	1,94604	1,94515	1,941382	1,94004	1,939562	1,939557
1,932313	1,938787	1,940583	1,939121	1,941161	1,940523	1,937253	1,935252	1,934922	1,934831
1,927593	1,933758	1,935896	1,934117	1,936282	1,935895	1,933124	1,930464	1,930283	1,930106
1,922874	1,928728	1,931209	1,929114	1,931403	1,931267	1,928995	1,925676	1,925643	1,92538
1,918155	1,923699	1,926522	1,92411	1,926524	1,92664	1,924866	1,920888	1,921003	1,920654
1,912816	1,918802	1,921319	1,919235	1,921555	1,921891	1,919384	1,915285	1,915443	1,915698
1,90747	1,913907	1,916111	1,914362	1,916585	1,91714	1,913889	1,909674	1,909873	1,91074
1,902125	1,909012	1,910903	1,909488	1,911615	1,91239	1,908394	1,904062	1,904304	1,905782
1,896779	1,904117	1,905695	1,904615	1,906645	1,90764	1,902899	1,898451	1,898734	1,900823
1,891434	1,899221	1,900487	1,899742	1,901675	1,902889	1,897403	1,89284	1,893165	1,895865
1,886088	1,894326	1,895279	1,894868	1,896704	1,898139	1,891908	1,887228	1,887595	1,890907
1,878879	1,887681	1,888529	1,888258	1,890109	1,891177	1,88481	1,880349	1,880621	1,883834
1,871064	1,880469	1,881279	1,881084	1,882985	1,883497	1,877192	1,873057	1,873192	1,876074
1,86325	1,873256	1,874028	1,87391	1,875862	1,875818	1,869573	1,865766	1,865762	1,868315
1,855436	1,866043	1,866778	1,866737	1,868739	1,868138	1,861955	1,858474	1,858333	1,860555
1,847621	1,858831	1,859528	1,859563	1,861616	1,860458	1,854336	1,851183	1,850903	1,852795
1,839807	1,851618	1,852277	1,852389	1,854492	1,852779	1,846718	1,843891	1,843473	1,845036
1,832166	1,844136	1,844819	1,845062	1,846949	1,84515	1,839087	1,836455	1,835943	1,837219
1,824683	1,836407	1,837171	1,837596	1,839021	1,837567	1,831445	1,828886	1,828319	1,829349
1,817201	1,828678	1,829523	1,83013	1,831092	1,829985	1,823803	1,821317	1,820696	1,82148
1,809718	1,820949	1,821875	1,822663	1,823164	1,822403	1,816161	1,813748	1,813073	1,81361
1,802236	1,81322	1,814227	1,815197	1,815236	1,814821	1,808519	1,806179	1,805449	1,805741
1,794753	1,805491	1,806579	1,807731	1,807307	1,807238	1,800877	1,79861	1,797826	1,797871
1,78643	1,797125	1,798196	1,799396	1,798826	1,79891	1,792477	1,790218	1,789443	1,789315
1,776049	1,7872	1,788013	1,788934	1,788992	1,788757	1,782224	1,779811	1,779198	1,779079
1,765668	1,777276	1,777831	1,778472	1,779157	1,778603	1,77197	1,769404	1,768953	1,768843
1,755287	1,767351	1,767649	1,76801	1,769323	1,768449	1,761716	1,758997	1,758708	1,758607
1,744906	1,757427	1,757466	1,757548	1,759488	1,758295	1,751462	1,74859	1,748463	1,748371
1,734525	1,747502	1,747284	1,747086	1,749654	1,748142	1,741209	1,738183	1,738218	1,738135
1,724323	1,737743	1,737302	1,736842	1,739969	1,738169	1,731128	1,727965	1,728158	1,728085

1,717025	1,73066	1,730575	1,730128	1,732721	1,731146	1,723849	1,720828	1,721104	1,72107
1,709726	1,723578	1,723848	1,723415	1,725473	1,724122	1,71657	1,713691	1,71405	1,714055
1,702428	1,716495	1,717122	1,716701	1,718225	1,717099	1,709291	1,706554	1,706996	1,70704
1,695129	1,709413	1,710395	1,709987	1,710976	1,710075	1,702012	1,699417	1,699942	1,700025
1,68783	1,70233	1,703668	1,703274	1,703728	1,703052	1,694733	1,69228	1,692887	1,69301
1,680532	1,695248	1,696941	1,69656	1,69648	1,696028	1,687454	1,685143	1,685833	1,685995
1,671127	1,68589	1,68764	1,687159	1,687294	1,686848	1,678279	1,675735	1,676459	1,676726
1,661284	1,67606	1,677804	1,6772	1,677707	1,67722	1,668709	1,665855	1,666603	1,66699
1,651442	1,66623	1,667968	1,667241	1,668119	1,667592	1,659139	1,655976	1,656747	1,657253
1,641599	1,6564	1,658132	1,657282	1,658532	1,657964	1,649569	1,646096	1,646891	1,647517
1,631757	1,64657	1,648296	1,647323	1,648944	1,648336	1,639999	1,636217	1,637036	1,63778
1,621914	1,63674	1,638459	1,637364	1,639356	1,638708	1,630429	1,626337	1,62718	1,628044
1,612374	1,627224	1,628867	1,627809	1,629837	1,629246	1,620831	1,616717	1,617552	1,618436
1,603036	1,617919	1,619439	1,618526	1,620363	1,619896	1,611213	1,607272	1,608076	1,608913
1,593699	1,608613	1,61001	1,609244	1,610889	1,610546	1,601596	1,597826	1,598601	1,599391
1,584361	1,599308	1,600582	1,599961	1,601415	1,601196	1,591978	1,58838	1,589126	1,589869
1,575023	1,590003	1,591153	1,590678	1,591942	1,591846	1,582361	1,578935	1,579651	1,580346
1,565686	1,580697	1,581725	1,581395	1,582468	1,582496	1,572743	1,569489	1,570176	1,570824
1,557453	1,572666	1,573601	1,573349	1,574239	1,57432	1,564455	1,561298	1,561979	1,56258
1,55111	1,566814	1,567707	1,567417	1,568138	1,568153	1,558438	1,555253	1,555968	1,556522
1,544766	1,560961	1,561813	1,561485	1,562038	1,561986	1,552421	1,549208	1,549957	1,550464
1,538423	1,555109	1,55592	1,555552	1,555938	1,555819	1,546405	1,543162	1,543946	1,544405
1,53208	1,549257	1,550026	1,54962	1,549837	1,549652	1,540388	1,537117	1,537935	1,538347
1,525736	1,543405	1,544132	1,543688	1,543737	1,543484	1,534372	1,531072	1,531924	1,532289
1,51892	1,536961	1,53764	1,537171	1,53708	1,53679	1,527801	1,524465	1,52535	1,525673
1,509245	1,52694	1,527529	1,527123	1,527061	1,526912	1,517879	1,514466	1,515378	1,515688
1,499571	1,51692	1,517417	1,517075	1,517042	1,517034	1,507958	1,504467	1,505405	1,505703
1,489896	1,506899	1,507306	1,507027	1,507022	1,507156	1,498036	1,494468	1,495432	1,495718
1,480221	1,496879	1,497195	1,496979	1,497003	1,497278	1,488114	1,484469	1,48546	1,485733
1,470547	1,486859	1,487084	1,486931	1,486984	1,4874	1,478193	1,47447	1,475487	1,475747
1,460872	1,476838	1,476972	1,476883	1,476965	1,477522	1,468271	1,464471	1,465515	1,465762
1,454082	1,469984	1,470325	1,470414	1,470545	1,470955	1,461538	1,457873	1,458919	1,459162
1,447559	1,463424	1,464	1,464277	1,46446	1,464695	1,455101	1,451592	1,452637	1,452877
1,441036	1,456864	1,457674	1,458141	1,458375	1,458435	1,448664	1,44531	1,446355	1,446591
1,434514	1,450304	1,451348	1,452004	1,452289	1,452175	1,442227	1,439029	1,440074	1,440306
1,427991	1,443744	1,445023	1,445868	1,446204	1,445915	1,435791	1,432747	1,433792	1,43402
1,421468	1,437183	1,438697	1,439731	1,440119	1,439654	1,429354	1,426466	1,42751	1,427735
1,415578	1,431424	1,433048	1,433956	1,434475	1,433974	1,423665	1,420789	1,421719	1,42195
1,409973	1,426025	1,427705	1,428344	1,429029	1,428556	1,418314	1,415385	1,41615	1,416392
1,404368	1,420627	1,422362	1,422732	1,423584	1,423137	1,412963	1,409981	1,410581	1,410834
1,398762	1,415228	1,417018	1,41712	1,418139	1,417719	1,407612	1,404576	1,405012	1,405275
1,393157	1,40983	1,411675	1,411508	1,412694	1,4123	1,402261	1,399172	1,399443	1,399717
1,387552	1,404432	1,406332	1,405896	1,407248	1,406882	1,396911	1,393768	1,393874	1,394158
1,381604	1,398633	1,400446	1,399992	1,401326	1,40098	1,391059	1,387911	1,387976	1,388337
1,375262	1,392373	1,393936	1,393753	1,394856	1,394521	1,384632	1,381531	1,381701	1,382214
1,368919	1,386113	1,387426	1,387514	1,388385	1,388063	1,378204	1,375152	1,375425	1,376091
1,362577	1,379853	1,380916	1,381275	1,381914	1,381604	1,371777	1,368773	1,36915	1,369968

1,356234	1,373593	1,374406	1,375036	1,375444	1,375145	1,36535	1,362393	1,362875	1,363845
1,349892	1,367333	1,367896	1,368797	1,368973	1,368687	1,358922	1,356014	1,356599	1,357721
1,344611	1,362072	1,362446	1,363487	1,363536	1,36326	1,353556	1,350672	1,351318	1,3525
1,342675	1,359957	1,360334	1,361101	1,361357	1,361085	1,351533	1,348597	1,349169	1,35012
1,340739	1,357842	1,358221	1,358716	1,359177	1,35891	1,34951	1,346523	1,347019	1,34774
1,338803	1,355727	1,356109	1,35633	1,356998	1,356735	1,347487	1,344448	1,34487	1,345359
1,336866	1,353612	1,353997	1,353945	1,354818	1,354559	1,345463	1,342373	1,34272	1,342979
1,33493	1,351497	1,351884	1,351559	1,352638	1,352384	1,34344	1,340299	1,34057	1,340599
1,333043	1,349428	1,34982	1,349229	1,350508	1,350259	1,341464	1,338274	1,338474	1,338278
1,333815	1,349889	1,350392	1,349914	1,351084	1,350892	1,342041	1,338989	1,3393	1,33921
1,334587	1,35035	1,350965	1,350599	1,351659	1,351526	1,342618	1,339704	1,340127	1,340142
1,335359	1,350811	1,351537	1,351285	1,352234	1,352159	1,343196	1,340419	1,340953	1,341074
1,336131	1,351271	1,352109	1,35197	1,352809	1,352792	1,343773	1,341134	1,341779	1,342007
1,336903	1,351732	1,352681	1,352655	1,353385	1,353425	1,344351	1,341849	1,342605	1,342939
1,337675	1,352193	1,353253	1,35334	1,35396	1,354058	1,344928	1,342564	1,343431	1,343871
1,34068	1,354773	1,355797	1,355859	1,356609	1,356652	1,347876	1,34544	1,346266	1,346672
1,344257	1,357896	1,358847	1,358849	1,359788	1,359747	1,351431	1,34887	1,349615	1,349952
1,347835	1,361019	1,361896	1,361838	1,362968	1,362843	1,354986	1,3523	1,352964	1,353233
1,351412	1,364141	1,364945	1,364827	1,366148	1,365939	1,358541	1,355729	1,356313	1,356513
1,354989	1,367264	1,367995	1,367816	1,369328	1,369034	1,362097	1,359159	1,359663	1,359793
1,358567	1,370387	1,371044	1,370806	1,372508	1,37213	1,365652	1,362589	1,363012	1,363073
1,363252	1,374874	1,37548	1,37527	1,37695	1,376577	1,370277	1,367197	1,367618	1,367699
1,368754	1,380367	1,380938	1,380818	1,382322	1,382018	1,37569	1,372671	1,373148	1,373315
1,374255	1,385859	1,386396	1,386367	1,387694	1,387459	1,381102	1,378146	1,378679	1,378931
1,379757	1,391351	1,391853	1,391916	1,393065	1,3929	1,386515	1,383621	1,38421	1,384547
1,385258	1,396843	1,397311	1,397465	1,398437	1,398341	1,391927	1,389095	1,389741	1,390164
1,390759	1,402335	1,402768	1,403014	1,403809	1,403782	1,397339	1,39457	1,395272	1,39578
1,396719	1,408017	1,408464	1,408787	1,40948	1,409503	1,40306	1,400325	1,401055	1,401606
1,40351	1,414041	1,41459	1,414967	1,415694	1,415729	1,409337	1,406587	1,407297	1,407812
1,4103	1,420066	1,420716	1,421147	1,421908	1,421956	1,415615	1,41285	1,413539	1,414019
1,41709	1,426091	1,426843	1,427327	1,428121	1,428182	1,421892	1,419113	1,419781	1,420225
1,42388	1,432116	1,432969	1,433507	1,434335	1,434409	1,428169	1,425375	1,426023	1,426431
1,43067	1,43814	1,439095	1,439687	1,440549	1,440635	1,434447	1,431638	1,432264	1,432638
1,436607	1,443407	1,444446	1,445077	1,445968	1,446063	1,439953	1,437132	1,437734	1,438083
1,437168	1,443899	1,444909	1,445492	1,446379	1,446458	1,4406	1,437778	1,438339	1,438729
1,437728	1,44439	1,445372	1,445906	1,446789	1,446853	1,441247	1,438425	1,438944	1,439376
1,438289	1,444882	1,445835	1,44632	1,4472	1,447248	1,441894	1,439071	1,439549	1,440023
1,438849	1,445373	1,446298	1,446735	1,44761	1,447643	1,442541	1,439718	1,440154	1,44067
1,43941	1,445865	1,446761	1,447149	1,448021	1,448038	1,443188	1,440364	1,440759	1,441316
1,43997	1,446357	1,447225	1,447563	1,448432	1,448433	1,443835	1,441011	1,441364	1,441963
1,439183	1,445278	1,446245	1,446556	1,447436	1,447617	1,443012	1,440106	1,440514	1,441062
1,438276	1,444061	1,445137	1,445423	1,446316	1,446694	1,442059	1,439064	1,439536	1,440024
1,437369	1,442845	1,44403	1,44429	1,445196	1,445771	1,441106	1,438023	1,438559	1,438986
1,436462	1,441628	1,442923	1,443156	1,444076	1,444849	1,440154	1,436981	1,437581	1,437948
1,435555	1,440411	1,441815	1,442023	1,442957	1,443926	1,439201	1,43594	1,436603	1,436911
1,434648	1,439194	1,440708	1,44089	1,441837	1,443003	1,438248	1,434898	1,435625	1,435873

e	Without NH4: 10th minute, duplicate					Without NH4: 45th minute, duplicate			
AX5-5	AX10-1	AX10-2	AX10-3	AX10-4	AX10-5	AX45-1	AX45-2	AX45-3	AX45-4
0,120987	0,133226	0,133156	0,132308	0,131323	0,130473	0,117597	0,117986	0,117659	0,117581
0,119968	0,132254	0,132185	0,131325	0,130356	0,12952	0,116569	0,116956	0,116626	0,116552
0,118948	0,131282	0,131214	0,130341	0,129388	0,128567	0,115542	0,115926	0,115593	0,115524
0,117929	0,13031	0,130243	0,129357	0,12842	0,127614	0,114514	0,114896	0,11456	0,114495
0,11691	0,129339	0,129272	0,128374	0,127453	0,126661	0,113487	0,113866	0,113527	0,113466
0,11589	0,128367	0,1283	0,12739	0,126485	0,125708	0,112459	0,112836	0,112495	0,112438
0,114965	0,127477	0,127411	0,12649	0,125597	0,124832	0,111522	0,111895	0,111552	0,111499
0,114488	0,126983	0,126918	0,125994	0,12509	0,124329	0,11102	0,111384	0,111046	0,110994
0,114011	0,126488	0,126424	0,125498	0,124583	0,123825	0,110518	0,110872	0,11054	0,11049
0,113534	0,125994	0,12593	0,125002	0,124077	0,123322	0,110016	0,110361	0,110034	0,109985
0,113058	0,125499	0,125436	0,124506	0,12357	0,122819	0,109514	0,10985	0,109527	0,10948
0,112581	0,125005	0,124942	0,12401	0,123063	0,122315	0,109012	0,109339	0,109021	0,108975
0,112104	0,12451	0,124448	0,123514	0,122556	0,121812	0,10851	0,108828	0,108515	0,10847
0,112039	0,124442	0,124372	0,123436	0,122489	0,121754	0,108403	0,108724	0,10842	0,108368
0,112034	0,124436	0,124357	0,12342	0,122487	0,121761	0,108354	0,10868	0,108385	0,108325
0,112028	0,12443	0,124342	0,123404	0,122484	0,121768	0,108305	0,108637	0,10835	0,108282
0,112023	0,124424	0,124327	0,123388	0,122481	0,121775	0,108256	0,108593	0,108315	0,108239
0,112018	0,124418	0,124312	0,123371	0,122478	0,121782	0,108207	0,108549	0,10828	0,108196
0,112012	0,124412	0,124296	0,123355	0,122475	0,121789	0,108157	0,108505	0,108246	0,108153
0,105435	0,117844	0,117733	0,11679	0,115915	0,115232	0,10159	0,101936	0,101684	0,101588
0,093979	0,106406	0,106308	0,105363	0,104488	0,103801	0,090186	0,090523	0,090278	0,090183
0,082524	0,094968	0,094883	0,093936	0,093061	0,092371	0,078781	0,07911	0,078872	0,078778
0,071068	0,08353	0,083459	0,08251	0,081634	0,080941	0,067376	0,067697	0,067466	0,067374
0,059613	0,072093	0,072034	0,071083	0,070207	0,069511	0,055971	0,056284	0,056061	0,055969
0,048157	0,060655	0,060609	0,059657	0,05878	0,05808	0,044567	0,044871	0,044655	0,044564
0,038112	0,050076	0,050042	0,04913	0,048291	0,04762	0,034714	0,034999	0,034797	0,034711
0,031786	0,041763	0,041735	0,040974	0,040275	0,039715	0,028951	0,029189	0,029021	0,028949
0,025459	0,033451	0,033428	0,032818	0,032258	0,03181	0,023188	0,023379	0,023244	0,023187
0,019132	0,025138	0,025121	0,024663	0,024242	0,023905	0,017426	0,017569	0,017468	0,017424
0,012805	0,016825	0,016813	0,016507	0,016225	0,016	0,011663	0,011759	0,011691	0,011662
0,006479	0,008512	0,008506	0,008351	0,008209	0,008095	0,005901	0,005949	0,005915	0,0059
0,000152	0,000199	0,000199	0,000196	0,000192	0,00019	0,000138	0,000139	0,000139	0,000138
-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08	-1,23E-08
-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08	-2,09E-08
-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08	-2,95E-08
-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08	-3,81E-08
-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08	-4,67E-08
-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08	-5,53E-08
-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08	-5,95E-08
-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08	-6,15E-08
-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08	-6,36E-08
-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08	-6,56E-08
-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08	-6,77E-08
-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08	-6,97E-08
-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08	-6,17E-08

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-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07	-2,00E-07
-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07	-1,50E-07
-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08	-9,99E-08
-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08	-4,98E-08
4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10	4,02E-10
5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08	5,06E-08
9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08	9,85E-08
1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07	1,07E-07
1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07	1,15E-07
1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07	1,24E-07
1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07	1,32E-07
1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07	1,40E-07
1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07	1,49E-07
1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07	1,41E-07
1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07	1,29E-07
1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07	1,17E-07
1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07	1,05E-07
9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08	9,25E-08
8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08	8,03E-08
7,30E-05	0,000911	0,0009	0,000811	0,000726	0,000671	5,28E-08	5,28E-08	5,28E-08	5,28E-08
0,000213	0,002663	0,002631	0,002372	0,002122	0,001963	1,12E-08	1,12E-08	1,12E-08	1,12E-08
0,000353	0,004416	0,004363	0,003932	0,003519	0,003254	-3,04E-08	-3,04E-08	-3,04E-08	-3,04E-08
0,000493	0,006168	0,006094	0,005492	0,004915	0,004545	-7,20E-08	-7,20E-08	-7,20E-08	-7,20E-08
0,000634	0,00792	0,007825	0,007052	0,006311	0,005836	-1,14E-07	-1,14E-07	-1,14E-07	-1,14E-07
0,000774	0,009672	0,009556	0,008612	0,007707	0,007127	-1,55E-07	-1,55E-07	-1,55E-07	-1,55E-07
0,005826	0,015921	0,015792	0,014718	0,013694	0,013035	0,004916	0,004928	0,004916	0,004909
0,025305	0,035378	0,035258	0,034169	0,033163	0,0325	0,024267	0,02433	0,024267	0,024237
0,044784	0,054834	0,054724	0,053621	0,052631	0,051966	0,043619	0,043731	0,043618	0,043564
0,064263	0,07429	0,074189	0,073072	0,072099	0,071431	0,06297	0,063133	0,062969	0,062891
0,083741	0,093746	0,093655	0,092524	0,091567	0,090897	0,082322	0,082534	0,082321	0,082218
0,10322	0,113202	0,11312	0,111975	0,111036	0,110362	0,101674	0,101936	0,101672	0,101545
0,122699	0,132658	0,132586	0,131427	0,130504	0,129827	0,121025	0,121338	0,121023	0,120872
0,141827	0,151781	0,15169	0,150535	0,149605	0,148929	0,140186	0,140483	0,140182	0,140014
0,160952	0,170901	0,170791	0,16964	0,168702	0,168026	0,159344	0,159627	0,159339	0,159154
0,180077	0,190021	0,189892	0,188746	0,1878	0,187124	0,178502	0,17877	0,178496	0,178294
0,199202	0,20914	0,208992	0,207851	0,206897	0,206221	0,197661	0,197913	0,197653	0,197434
0,218327	0,22826	0,228093	0,226956	0,225995	0,225319	0,216819	0,217056	0,21681	0,216574
0,237451	0,24738	0,247194	0,246061	0,245092	0,244416	0,235978	0,236199	0,235967	0,235714
0,257654	0,267581	0,26739	0,266258	0,265291	0,264606	0,25628	0,256483	0,256261	0,256008
0,278263	0,28819	0,287999	0,286866	0,285907	0,285207	0,277014	0,277198	0,276985	0,276737
0,298872	0,308798	0,308608	0,307475	0,306522	0,305809	0,297748	0,297912	0,297708	0,297467
0,319482	0,329407	0,329217	0,328084	0,327137	0,326411	0,318481	0,318627	0,318432	0,318196
0,340091	0,350016	0,349826	0,348693	0,347752	0,347012	0,339215	0,339341	0,339155	0,338925
0,360701	0,370625	0,370435	0,369301	0,368367	0,367614	0,359949	0,360056	0,359878	0,359654
0,382897	0,392812	0,392631	0,391492	0,390562	0,389802	0,382265	0,382369	0,38219	0,381971
0,406935	0,416827	0,416668	0,415518	0,41459	0,413832	0,406416	0,406536	0,406342	0,406129
0,430972	0,440843	0,440705	0,439544	0,438617	0,437861	0,430566	0,430704	0,430495	0,430286

0,45501	0,464859	0,464742	0,463569	0,462644	0,46189	0,454717	0,454871	0,454648	0,454444
0,479047	0,488875	0,488779	0,487595	0,486671	0,485919	0,478867	0,479038	0,478801	0,478602
0,503085	0,51289	0,512816	0,511621	0,510698	0,509949	0,503018	0,503206	0,502954	0,50276
0,529577	0,53935	0,539291	0,538089	0,537169	0,536415	0,529626	0,529826	0,529563	0,52937
0,565824	0,575524	0,575454	0,574265	0,57335	0,572569	0,566	0,566192	0,565936	0,565727
0,602071	0,611697	0,611616	0,61044	0,609531	0,608723	0,602374	0,602558	0,602309	0,602083
0,638318	0,647871	0,647778	0,646615	0,645713	0,644877	0,638748	0,638925	0,638682	0,63844
0,674565	0,684045	0,68394	0,682791	0,681894	0,681031	0,675123	0,675291	0,675055	0,674796
0,710812	0,720218	0,720103	0,718966	0,718075	0,717185	0,711497	0,711658	0,711428	0,711152
0,747059	0,756392	0,756265	0,755142	0,754256	0,753339	0,747871	0,748024	0,747801	0,747509
0,796839	0,806175	0,80606	0,80489	0,803999	0,803075	0,797786	0,797935	0,797686	0,79738
0,847484	0,856827	0,856726	0,855505	0,854608	0,853678	0,848565	0,848711	0,848435	0,848114
0,89813	0,90748	0,907393	0,90612	0,905217	0,904282	0,899345	0,899487	0,899184	0,898848
0,948775	0,958132	0,958059	0,956736	0,955827	0,954886	0,950125	0,950264	0,949933	0,949582
0,99942	1,008785	1,008725	1,007351	1,006436	1,005489	1,000904	1,00104	1,000682	1,000317
1,050065	1,059438	1,059391	1,057966	1,057045	1,056093	1,051684	1,051816	1,051431	1,051051
1,105562	1,114906	1,114871	1,113546	1,112606	1,111635	1,107058	1,107171	1,106767	1,106448
1,163353	1,172652	1,172626	1,171474	1,170509	1,169511	1,164604	1,16469	1,164272	1,16405
1,221143	1,230398	1,230382	1,229402	1,228411	1,227388	1,22215	1,222209	1,221777	1,221652
1,278934	1,288143	1,288137	1,287331	1,286314	1,285264	1,279696	1,279729	1,279282	1,279254
1,336725	1,345889	1,345893	1,345259	1,344217	1,343141	1,337242	1,337248	1,336787	1,336856
1,394516	1,403635	1,403648	1,403187	1,402119	1,401017	1,394789	1,394767	1,394291	1,394458
1,443797	1,452882	1,452922	1,452535	1,451511	1,450368	1,443699	1,443688	1,443219	1,443462
1,481277	1,490344	1,490433	1,489982	1,4891	1,487893	1,480633	1,480684	1,480251	1,48054
1,518756	1,527805	1,527945	1,52743	1,526689	1,525419	1,517566	1,51768	1,517283	1,517619
1,556235	1,565267	1,565456	1,564877	1,564278	1,562945	1,5545	1,554675	1,554316	1,554698
1,593714	1,602728	1,602967	1,602325	1,601867	1,60047	1,591433	1,591671	1,591348	1,591776
1,631193	1,64019	1,640478	1,639773	1,639456	1,637996	1,628367	1,628667	1,62838	1,628855
1,665421	1,674509	1,674781	1,674037	1,673797	1,672316	1,662158	1,662574	1,662285	1,66275
1,682586	1,692336	1,692244	1,691594	1,691089	1,68981	1,679461	1,680267	1,679775	1,679935
1,699751	1,710163	1,709707	1,709151	1,708382	1,707304	1,696764	1,697959	1,697266	1,697121
1,716917	1,727989	1,72717	1,726709	1,725675	1,724798	1,714067	1,715652	1,714757	1,714307
1,734082	1,745816	1,744632	1,744266	1,742967	1,742292	1,73137	1,733345	1,732247	1,731493
1,751247	1,763643	1,762095	1,761823	1,76026	1,759786	1,748673	1,751038	1,749738	1,748679
1,768412	1,78147	1,779558	1,77938	1,777552	1,77728	1,765976	1,768731	1,767229	1,765865
1,776795	1,789221	1,788081	1,787956	1,7862	1,785674	1,774052	1,776482	1,775147	1,774189
1,784213	1,795865	1,795621	1,795546	1,793898	1,793067	1,781114	1,783141	1,782013	1,781539
1,791631	1,802509	1,803161	1,803136	1,801596	1,800461	1,788176	1,789801	1,788879	1,788889
1,799049	1,809154	1,810701	1,810725	1,809294	1,807854	1,795238	1,79646	1,795745	1,79624
1,806466	1,815798	1,818241	1,818315	1,816991	1,815248	1,8023	1,803119	1,802611	1,80359
1,813884	1,822442	1,825781	1,825904	1,824689	1,822642	1,809362	1,809778	1,809477	1,81094
1,818812	1,827337	1,830711	1,830529	1,829363	1,827333	1,814223	1,814624	1,81442	1,815824
1,822357	1,83126	1,834191	1,833508	1,832358	1,830524	1,817861	1,818463	1,818295	1,819338
1,825902	1,835183	1,837671	1,836486	1,835352	1,833715	1,8215	1,822301	1,82217	1,822853
1,829446	1,839106	1,841151	1,839464	1,838346	1,836905	1,825138	1,82614	1,826045	1,826367
1,832991	1,84303	1,844632	1,842443	1,841341	1,840096	1,828776	1,829978	1,82992	1,829881
1,836536	1,846953	1,848112	1,845421	1,844335	1,843287	1,832415	1,833817	1,833795	1,833396

1,839836	1,850519	1,851383	1,848645	1,847584	1,846584	1,835865	1,837337	1,837315	1,836751
1,842746	1,853515	1,85432	1,85226	1,851239	1,850049	1,839017	1,840348	1,840271	1,839854
1,845657	1,856512	1,857257	1,855875	1,854894	1,853515	1,842169	1,84336	1,843227	1,842958
1,848567	1,859509	1,860194	1,85949	1,858549	1,85698	1,845321	1,846372	1,846183	1,846061
1,851478	1,862505	1,863132	1,863105	1,862203	1,860445	1,848473	1,849384	1,849139	1,849164
1,854388	1,865502	1,866069	1,866719	1,865858	1,863911	1,851625	1,852396	1,852095	1,852267
1,85713	1,868299	1,868796	1,869989	1,869166	1,867027	1,854537	1,855164	1,854804	1,855172
1,858738	1,869762	1,870117	1,870952	1,870151	1,867807	1,855841	1,856299	1,855856	1,856748
1,860347	1,871224	1,871438	1,871915	1,871137	1,868587	1,857145	1,857434	1,856909	1,858324
1,861956	1,872686	1,872759	1,872878	1,872123	1,869367	1,858449	1,85857	1,857962	1,8599
1,863565	1,874149	1,87408	1,873841	1,873109	1,870147	1,859753	1,859705	1,859014	1,861476
1,865174	1,875611	1,875401	1,874804	1,874095	1,870927	1,861057	1,86084	1,860067	1,863052
1,866783	1,877074	1,876722	1,875767	1,875081	1,871706	1,862361	1,861975	1,86112	1,864628
1,869486	1,880129	1,879988	1,878966	1,87831	1,875124	1,865344	1,865164	1,863968	1,866873
1,872346	1,883415	1,883535	1,882488	1,881862	1,878923	1,868569	1,86865	1,867075	1,869215
1,875206	1,8867	1,887082	1,88601	1,885414	1,882721	1,871794	1,872135	1,870182	1,871557
1,878067	1,889985	1,890628	1,889532	1,888966	1,886519	1,875019	1,875621	1,873289	1,873898
1,880927	1,89327	1,894175	1,893054	1,892518	1,890317	1,878244	1,879106	1,876396	1,87624
1,883787	1,896556	1,897721	1,896576	1,89607	1,894115	1,881469	1,882591	1,879503	1,878582
1,884964	1,897498	1,898752	1,89751	1,897059	1,895404	1,882395	1,883675	1,880726	1,879836
1,885109	1,897005	1,898242	1,896858	1,896478	1,895155	1,881912	1,883287	1,880795	1,880423
1,885254	1,896511	1,897731	1,896206	1,895896	1,894906	1,881429	1,882898	1,880863	1,88101
1,885398	1,896017	1,89722	1,895554	1,895314	1,894657	1,880946	1,882509	1,880932	1,881598
1,885543	1,895524	1,896709	1,894902	1,894733	1,894408	1,880463	1,882121	1,881	1,882185
1,885688	1,89503	1,896199	1,89425	1,894151	1,89416	1,87998	1,881732	1,881069	1,882772
1,886819	1,895885	1,897113	1,89503	1,894962	1,895098	1,880966	1,882574	1,882242	1,88411
1,889658	1,899078	1,900498	1,898291	1,898185	1,898095	1,884496	1,885549	1,885329	1,886748
1,892497	1,902271	1,903883	1,901551	1,901409	1,901091	1,888027	1,888523	1,888416	1,889386
1,895337	1,905464	1,907268	1,904811	1,904632	1,904087	1,891557	1,891497	1,891503	1,892024
1,898176	1,908657	1,910652	1,908072	1,907855	1,907084	1,895087	1,894471	1,89459	1,894662
1,901015	1,91185	1,914037	1,911332	1,911079	1,91008	1,898618	1,897445	1,897677	1,8973
1,903598	1,914691	1,917064	1,914286	1,913987	1,912794	1,901748	1,900116	1,900435	1,899651
1,904171	1,914769	1,917283	1,914835	1,914424	1,913294	1,901743	1,900413	1,900607	1,899751
1,904744	1,914847	1,917502	1,915383	1,914861	1,913793	1,901738	1,900711	1,90078	1,899851
1,905317	1,914925	1,917721	1,915932	1,915298	1,914293	1,901733	1,901008	1,900952	1,899952
1,90589	1,915003	1,91794	1,916481	1,915735	1,914792	1,901728	1,901305	1,901125	1,900052
1,906463	1,91508	1,91816	1,91703	1,916172	1,915292	1,901723	1,901602	1,901297	1,900152
1,907036	1,915158	1,918379	1,917578	1,916609	1,915791	1,901718	1,901899	1,901469	1,900252
1,908321	1,917007	1,92003	1,919175	1,91835	1,917474	1,903224	1,903519	1,903141	1,902201
1,909723	1,919144	1,921914	1,920943	1,920304	1,919349	1,904976	1,905354	1,905057	1,90445
1,911124	1,921281	1,923798	1,922711	1,922258	1,921224	1,906729	1,907189	1,906973	1,9067
1,912526	1,923418	1,925682	1,924478	1,924211	1,923099	1,908481	1,909025	1,908889	1,908949
1,913927	1,925555	1,927566	1,926246	1,926165	1,924974	1,910233	1,91086	1,910805	1,911199
1,915328	1,927692	1,92945	1,928014	1,928118	1,926849	1,911986	1,912695	1,912721	1,913448
1,917167	1,929856	1,931099	1,92972	1,929768	1,928512	1,914015	1,914869	1,914765	1,915563
1,919287	1,932037	1,932596	1,931387	1,931223	1,930039	1,916223	1,91726	1,916893	1,91759
1,921407	1,934218	1,934094	1,933053	1,932677	1,931567	1,918431	1,919651	1,91902	1,919618

1,923527	1,936399	1,935591	1,93472	1,934132	1,933094	1,920639	1,922042	1,921147	1,921645
1,925647	1,93858	1,937089	1,936387	1,935586	1,934622	1,922847	1,924433	1,923274	1,923673
1,927766	1,940761	1,938586	1,938053	1,937041	1,936149	1,925055	1,926824	1,925401	1,925701
1,929231	1,942194	1,939824	1,939354	1,938479	1,937293	1,926542	1,928262	1,926866	1,927024
1,929522	1,942283	1,940597	1,939998	1,939888	1,937748	1,926734	1,927993	1,927145	1,927085
1,929812	1,942372	1,94137	1,940642	1,941297	1,938203	1,926927	1,927723	1,927423	1,927146
1,930103	1,942462	1,942142	1,941287	1,942706	1,938658	1,92712	1,927453	1,927702	1,927207
1,930393	1,942551	1,942915	1,941931	1,944115	1,939113	1,927313	1,927184	1,92798	1,927267
1,930684	1,942641	1,943688	1,942575	1,945524	1,939568	1,927506	1,926914	1,928258	1,927328
1,931096	1,942897	1,944508	1,943257	1,946809	1,940149	1,927805	1,926859	1,928615	1,927554
1,932516	1,944532	1,945717	1,944252	1,947074	1,941762	1,928981	1,928573	1,92962	1,929145
1,933936	1,946167	1,946925	1,945248	1,947339	1,943375	1,930156	1,930286	1,930624	1,930735
1,935355	1,947801	1,948134	1,946243	1,947603	1,944988	1,931332	1,932	1,931628	1,932326
1,936775	1,949436	1,949343	1,947238	1,947868	1,946601	1,932507	1,933713	1,932633	1,933916
1,938194	1,951071	1,950552	1,948233	1,948133	1,948214	1,933683	1,935427	1,933637	1,935507
1,939614	1,952705	1,951761	1,949228	1,948397	1,949827	1,934858	1,937141	1,934641	1,937097
1,940289	1,953188	1,952434	1,949998	1,949219	1,95053	1,935579	1,937646	1,935513	1,937536
1,940843	1,953481	1,953019	1,950732	1,950132	1,951083	1,936225	1,937954	1,936363	1,937785
1,941396	1,953774	1,953605	1,951465	1,951045	1,951636	1,936871	1,938261	1,937213	1,938034
1,94195	1,954068	1,95419	1,952199	1,951958	1,952189	1,937517	1,938569	1,938063	1,938283
1,942503	1,954361	1,954775	1,952932	1,952871	1,952742	1,938163	1,938876	1,938913	1,938532
1,943056	1,954654	1,95536	1,953665	1,953784	1,953296	1,938809	1,939184	1,939763	1,938781
1,944404	1,956223	1,956981	1,955365	1,955232	1,954496	1,940537	1,940903	1,941366	1,940452
1,946257	1,958603	1,959261	1,957679	1,957021	1,956109	1,942954	1,943522	1,943447	1,943029
1,94811	1,960983	1,961542	1,959993	1,95881	1,957722	1,945371	1,946141	1,945529	1,945605
1,949964	1,963364	1,963822	1,962307	1,960599	1,959334	1,947788	1,94876	1,94761	1,948182
1,951817	1,965744	1,966102	1,964622	1,962389	1,960947	1,950205	1,951379	1,949692	1,950758
1,95367	1,968124	1,968382	1,966936	1,964178	1,96256	1,952622	1,953998	1,951773	1,953335
1,955122	1,969675	1,969744	1,968341	1,965459	1,963723	1,954052	1,955572	1,953015	1,954826
1,955871	1,969771	1,969494	1,968152	1,965848	1,964097	1,953751	1,955313	1,952783	1,954415
1,95662	1,969867	1,969244	1,967963	1,966238	1,964471	1,953449	1,955054	1,95255	1,954003
1,957369	1,969964	1,968994	1,967773	1,966627	1,964845	1,953148	1,954795	1,952318	1,953591
1,958118	1,97006	1,968744	1,967584	1,967016	1,965219	1,952846	1,954536	1,952085	1,953179
1,958867	1,970156	1,968494	1,967395	1,967406	1,965593	1,952544	1,954276	1,951853	1,952768
1,959669	1,970415	1,968499	1,967478	1,967977	1,966154	1,952515	1,954256	1,951929	1,952645
1,960873	1,971901	1,970428	1,969617	1,969915	1,96812	1,954541	1,95604	1,954333	1,954702
1,962077	1,973388	1,972357	1,971756	1,971854	1,970086	1,956566	1,957823	1,956737	1,956758
1,963282	1,974875	1,974287	1,973895	1,973793	1,972052	1,958592	1,959606	1,959141	1,958815
1,964486	1,976362	1,976216	1,976034	1,975731	1,974018	1,960618	1,96139	1,961545	1,960872
1,96569	1,977849	1,978145	1,978174	1,97767	1,975984	1,962643	1,963173	1,963949	1,962929
1,966895	1,979335	1,980074	1,980313	1,979609	1,97795	1,964669	1,964956	1,966354	1,964985
1,96776	1,980428	1,981245	1,981427	1,980647	1,978754	1,965626	1,966148	1,96741	1,966139
1,968576	1,981462	1,982304	1,982389	1,981553	1,979386	1,966426	1,967251	1,968266	1,967159
1,969392	1,982497	1,983363	1,98335	1,982458	1,980018	1,967225	1,968355	1,969123	1,968179
1,970207	1,983531	1,984421	1,984312	1,983364	1,980649	1,968024	1,969458	1,969979	1,969199
1,971023	1,984566	1,98548	1,985274	1,984269	1,981281	1,968824	1,970562	1,970836	1,970219
1,971839	1,9856	1,986539	1,986236	1,985175	1,981913	1,969623	1,971665	1,971692	1,971238

1,971893	1,985257	1,98642	1,985705	1,984771	1,981497	1,969594	1,971416	1,971221	1,970867
1,971493	1,984092	1,985597	1,984282	1,983585	1,980456	1,969068	1,970358	1,969956	1,969665
1,971093	1,982927	1,984774	1,982858	1,9824	1,979414	1,968543	1,969301	1,968691	1,968463
1,970693	1,981761	1,983951	1,981435	1,981214	1,978372	1,968018	1,968243	1,967426	1,967261
1,970293	1,980596	1,983129	1,980012	1,980028	1,977331	1,967493	1,967186	1,966161	1,966059
1,969893	1,979431	1,982306	1,978588	1,978842	1,976289	1,966968	1,966128	1,964896	1,964857
1,970055	1,979201	1,982132	1,978244	1,978488	1,976345	1,966903	1,965894	1,964481	1,964557
1,971129	1,980486	1,98301	1,979646	1,979479	1,978175	1,967583	1,966992	1,965441	1,965715
1,972203	1,981771	1,983887	1,981048	1,98047	1,980005	1,968263	1,96809	1,9664	1,966874
1,973276	1,983056	1,984764	1,98245	1,981462	1,981835	1,968943	1,969188	1,96736	1,968032
1,97435	1,98434	1,985641	1,983852	1,982453	1,983665	1,969623	1,970286	1,968319	1,969191
1,975424	1,985625	1,986519	1,985253	1,983444	1,985495	1,970303	1,971384	1,969279	1,970349
1,976627	1,987023	1,98756	1,986687	1,984577	1,987247	1,971177	1,9726	1,9704	1,971645
1,978631	1,989118	1,989613	1,988317	1,986587	1,988515	1,973248	1,974548	1,972522	1,973793
1,980636	1,991214	1,991666	1,989947	1,988596	1,989784	1,97532	1,976496	1,974644	1,975941
1,98264	1,99331	1,993719	1,991578	1,990606	1,991052	1,977391	1,978443	1,976766	1,978089
1,984644	1,995406	1,995773	1,993208	1,992616	1,99232	1,979462	1,980391	1,978888	1,980237
1,986649	1,997501	1,997826	1,994838	1,994625	1,993589	1,981534	1,982339	1,98101	1,982385
1,988653	1,999597	1,999879	1,996468	1,996635	1,994857	1,983605	1,984287	1,983132	1,984533
1,986451	1,997573	1,997978	1,995147	1,99499	1,993244	1,981639	1,982193	1,981201	1,982584
1,98376	1,995071	1,995618	1,993483	1,992919	1,991296	1,979205	1,979631	1,9788	1,980158
1,98107	1,992569	1,993257	1,991819	1,990849	1,989349	1,976771	1,977068	1,976398	1,977732
1,978379	1,990066	1,990897	1,990155	1,98878	1,987401	1,974337	1,974506	1,973997	1,975307
1,975689	1,987564	1,988536	1,988491	1,986709	1,985454	1,971903	1,971943	1,971595	1,972881
1,972999	1,985062	1,986176	1,986827	1,98464	1,983506	1,969469	1,969381	1,969194	1,970456
1,973457	1,985442	1,986636	1,987318	1,985321	1,984293	1,969781	1,9699	1,969768	1,971059
1,975575	1,987341	1,98858	1,988942	1,987451	1,986521	1,971539	1,972043	1,97191	1,973257
1,977692	1,989239	1,990525	1,990567	1,989582	1,988749	1,973298	1,974185	1,974052	1,975455
1,97981	1,991138	1,99247	1,992192	1,991712	1,990977	1,975056	1,976327	1,976195	1,977654
1,981927	1,993037	1,994414	1,993816	1,993843	1,993205	1,976815	1,97847	1,978337	1,979852
1,984044	1,994935	1,996359	1,995441	1,995973	1,995433	1,978573	1,980612	1,980479	1,98205
1,985602	1,996448	1,997789	1,996571	1,997258	1,996875	1,980077	1,982289	1,982016	1,983398
1,986367	1,997416	1,99849	1,997002	1,997344	1,997206	1,98122	1,983308	1,982699	1,983543
1,987133	1,998383	1,999191	1,997433	1,99743	1,997537	1,982363	1,984327	1,983381	1,983687
1,987898	1,99935	1,999892	1,997864	1,997517	1,997868	1,983505	1,985346	1,984063	1,983831
1,988663	2,000317	2,000593	1,998294	1,997603	1,998199	1,984648	1,986365	1,984745	1,983975
1,989429	2,001285	2,001294	1,998725	1,997689	1,998529	1,985791	1,987383	1,985427	1,98412
1,989725	2,001808	2,001608	1,99889	1,997579	1,998543	1,986472	1,987901	1,985747	1,984035
1,987811	2,000242	2,000097	1,997805	1,99654	1,997063	1,984974	1,986059	1,984358	1,982874
1,985898	1,998675	1,998586	1,996719	1,995501	1,995584	1,983476	1,984216	1,982969	1,981712
1,983984	1,997108	1,997075	1,995634	1,994462	1,994104	1,981979	1,982373	1,98158	1,980551
1,98207	1,995542	1,995564	1,994549	1,993423	1,992624	1,980481	1,980531	1,980191	1,97939
1,980157	1,993975	1,994053	1,993463	1,992385	1,991144	1,978984	1,978688	1,978802	1,978228
1,978243	1,992409	1,992542	1,992378	1,991346	1,989665	1,977486	1,976845	1,977413	1,977067
1,978204	1,992007	1,992051	1,991689	1,990508	1,989147	1,976688	1,976135	1,976592	1,976212
1,978292	1,991684	1,99163	1,991027	1,989684	1,988695	1,975938	1,975501	1,975811	1,975378
1,97838	1,991362	1,991209	1,990365	1,98886	1,988243	1,975188	1,974868	1,975029	1,974545

1,978469	1,99104	1,990788	1,989703	1,988036	1,987791	1,974438	1,974235	1,974248	1,973711
1,978557	1,990717	1,990367	1,989041	1,987212	1,987339	1,973688	1,973602	1,973466	1,972877
1,978646	1,990395	1,989946	1,988379	1,986388	1,986887	1,972938	1,972968	1,972684	1,972043
1,977586	1,989546	1,989423	1,987748	1,985628	1,985983	1,971987	1,972118	1,972102	1,971643
1,97603	1,98847	1,988856	1,98713	1,984895	1,984885	1,97095	1,971174	1,971606	1,97143
1,974473	1,987393	1,988289	1,986511	1,984162	1,983786	1,969913	1,97023	1,97111	1,971217
1,972917	1,986317	1,987722	1,985893	1,98343	1,982688	1,968876	1,969286	1,970615	1,971004
1,971361	1,98524	1,987155	1,985275	1,982697	1,981589	1,967838	1,968342	1,970119	1,970791
1,969804	1,984163	1,986588	1,984657	1,981964	1,980491	1,966801	1,967398	1,969623	1,970578
1,967582	1,981919	1,984504	1,982511	1,979965	1,978329	1,964672	1,96543	1,967574	1,968659
1,964582	1,978311	1,980646	1,97858	1,976486	1,974924	1,961267	1,962267	1,963709	1,964744
1,961582	1,974702	1,976789	1,974648	1,973006	1,971519	1,957862	1,959104	1,959844	1,96083
1,958583	1,971093	1,972932	1,970717	1,969527	1,968114	1,954457	1,95594	1,955979	1,956916
1,955583	1,967485	1,969074	1,966785	1,966047	1,964709	1,951052	1,952777	1,952114	1,953001
1,952583	1,963876	1,965217	1,962854	1,962567	1,961304	1,947647	1,949614	1,948249	1,949087
1,949154	1,960054	1,961107	1,958763	1,95882	1,957636	1,943927	1,94592	1,944145	1,944857
1,944249	1,955497	1,956125	1,954122	1,954149	1,953064	1,939122	1,940401	1,939217	1,939544
1,939344	1,950939	1,951144	1,949481	1,949479	1,948491	1,934316	1,934882	1,934289	1,93423
1,934439	1,946382	1,946162	1,94484	1,944808	1,943918	1,929511	1,929363	1,929362	1,928917
1,929534	1,941825	1,941181	1,940199	1,940138	1,939345	1,924706	1,923844	1,924434	1,923603
1,924629	1,937267	1,9362	1,935557	1,935468	1,934773	1,9199	1,918325	1,919506	1,91829
1,919724	1,93271	1,931218	1,930916	1,930797	1,9302	1,915095	1,912806	1,914578	1,912976
1,914725	1,927226	1,926073	1,925866	1,925651	1,925255	1,909588	1,908037	1,909508	1,908437
1,909725	1,921732	1,920926	1,920812	1,9205	1,920307	1,904073	1,903276	1,904435	1,903906
1,904725	1,916239	1,91578	1,915757	1,915349	1,915358	1,898558	1,898515	1,899363	1,899375
1,899724	1,910746	1,910633	1,910703	1,910199	1,91041	1,893044	1,893753	1,894291	1,894844
1,894724	1,905252	1,905486	1,905649	1,905048	1,905461	1,887529	1,888992	1,889218	1,890312
1,889724	1,899759	1,900339	1,900594	1,899897	1,900513	1,882015	1,88423	1,884146	1,885781
1,88251	1,893061	1,893627	1,893666	1,893086	1,893412	1,87495	1,877204	1,876889	1,878397
1,874577	1,885971	1,886407	1,886129	1,885737	1,885614	1,867382	1,869442	1,868924	1,870087
1,866644	1,878881	1,879187	1,878592	1,878388	1,877815	1,859814	1,86168	1,860958	1,861776
1,858711	1,871792	1,871966	1,871055	1,871039	1,870016	1,852246	1,853918	1,852992	1,853466
1,850778	1,864702	1,864746	1,863519	1,863689	1,862217	1,844677	1,846156	1,845027	1,845156
1,842845	1,857613	1,857525	1,855982	1,85634	1,854419	1,837109	1,838394	1,837061	1,836845
1,835237	1,850232	1,849949	1,848486	1,848777	1,846667	1,829419	1,830758	1,829408	1,82907
1,827927	1,842584	1,842046	1,841027	1,841017	1,838958	1,821617	1,823237	1,822041	1,821784
1,820617	1,834937	1,834144	1,833568	1,833258	1,83125	1,813815	1,815716	1,814674	1,814499
1,813306	1,827289	1,826242	1,826109	1,825498	1,823541	1,806013	1,808194	1,807306	1,807213
1,805996	1,819642	1,818339	1,81865	1,817739	1,815833	1,798211	1,800673	1,799939	1,799928
1,798686	1,811994	1,810437	1,811191	1,809979	1,808124	1,790409	1,793152	1,792572	1,792642
1,79052	1,80355	1,801876	1,802901	1,801548	1,799799	1,781971	1,784763	1,784352	1,784452
1,780259	1,793155	1,791704	1,792576	1,79147	1,789964	1,771978	1,774249	1,774045	1,774047
1,769997	1,78276	1,781532	1,782251	1,781393	1,780128	1,761984	1,763736	1,763738	1,763642
1,759736	1,772366	1,771361	1,771927	1,771315	1,770293	1,75199	1,753222	1,753432	1,753237
1,749474	1,761971	1,761189	1,761602	1,761238	1,760458	1,741997	1,742709	1,743125	1,742832
1,739213	1,751576	1,751017	1,751277	1,751161	1,750623	1,732003	1,732196	1,732818	1,732427
1,729122	1,741371	1,74104	1,741127	1,741244	1,740925	1,722159	1,721878	1,722673	1,722213

1,721803	1,734254	1,734217	1,733814	1,73394	1,73346	1,71475	1,714734	1,715165	1,715095
1,714484	1,727136	1,727395	1,726501	1,726636	1,725996	1,707341	1,70759	1,707657	1,707977
1,707165	1,720019	1,720573	1,719188	1,719332	1,718532	1,699932	1,700446	1,700148	1,70086
1,699846	1,712902	1,713751	1,711875	1,712028	1,711067	1,692523	1,693302	1,69264	1,693742
1,692526	1,705784	1,706929	1,704562	1,704724	1,703603	1,685115	1,686158	1,685132	1,686624
1,685207	1,698667	1,700107	1,697249	1,69742	1,696138	1,677706	1,679014	1,677624	1,679506
1,675963	1,689339	1,690588	1,688057	1,688045	1,686678	1,668229	1,669537	1,668262	1,670106
1,666319	1,679552	1,680508	1,678474	1,67824	1,676802	1,658323	1,659576	1,658516	1,660233
1,656675	1,669766	1,670428	1,668891	1,668435	1,666927	1,648417	1,649615	1,648769	1,650359
1,64703	1,659979	1,660349	1,659308	1,65863	1,657051	1,638511	1,639654	1,639022	1,640485
1,637386	1,650192	1,650269	1,649725	1,648826	1,647176	1,628605	1,629692	1,629276	1,630611
1,627742	1,640405	1,64019	1,640142	1,639021	1,6373	1,618699	1,619731	1,619529	1,620738
1,618218	1,630863	1,630521	1,630592	1,629429	1,627853	1,609135	1,610152	1,609982	1,611026
1,608776	1,621485	1,621128	1,621064	1,619981	1,618694	1,5998	1,60083	1,600569	1,601422
1,599333	1,612107	1,611735	1,611536	1,610532	1,609535	1,590465	1,591508	1,591155	1,591819
1,589891	1,602728	1,602342	1,602008	1,601084	1,600376	1,58113	1,582186	1,581742	1,582216
1,580448	1,59335	1,592949	1,59248	1,591635	1,591217	1,571796	1,572864	1,572329	1,572613
1,571006	1,583972	1,583557	1,582952	1,582187	1,582057	1,562461	1,563542	1,562915	1,56301
1,562798	1,575868	1,575396	1,574703	1,573981	1,574023	1,554306	1,555376	1,554737	1,55474
1,556703	1,569943	1,569343	1,568642	1,567901	1,56791	1,548169	1,549188	1,54867	1,548751
1,550607	1,564017	1,563289	1,56258	1,56182	1,561798	1,542032	1,543001	1,542603	1,542761
1,544512	1,558092	1,557236	1,556519	1,555739	1,555686	1,535895	1,536813	1,536536	1,536772
1,538416	1,552167	1,551183	1,550457	1,549658	1,549573	1,529757	1,530626	1,53047	1,530782
1,532321	1,546241	1,545129	1,544396	1,543577	1,543461	1,52362	1,524438	1,524403	1,524793
1,525669	1,539727	1,538514	1,537767	1,536942	1,536791	1,51696	1,517729	1,51778	1,518238
1,51565	1,529655	1,528502	1,527711	1,52696	1,52675	1,507138	1,507871	1,507797	1,508266
1,505632	1,519583	1,51849	1,517655	1,516977	1,516709	1,497316	1,498012	1,497814	1,498294
1,495614	1,509511	1,508478	1,507599	1,506994	1,506668	1,487494	1,488153	1,48783	1,488321
1,485596	1,499439	1,498466	1,497544	1,497011	1,496627	1,477672	1,478294	1,477847	1,478349
1,475578	1,489367	1,488455	1,487488	1,487029	1,486586	1,46785	1,468436	1,467864	1,468377
1,465559	1,479295	1,478443	1,477432	1,477046	1,476545	1,458028	1,458577	1,457881	1,458405
1,459017	1,472648	1,47184	1,470837	1,470451	1,469926	1,451286	1,451779	1,451302	1,451669
1,452798	1,466319	1,465555	1,464563	1,46417	1,463625	1,44483	1,445264	1,44504	1,445234
1,446578	1,45999	1,459269	1,458289	1,457889	1,457324	1,438374	1,43875	1,438778	1,438799
1,440359	1,453661	1,452983	1,452015	1,451609	1,451023	1,431919	1,432236	1,432515	1,432364
1,434139	1,447332	1,446698	1,445741	1,445328	1,444722	1,425462	1,425722	1,426253	1,425929
1,42792	1,441002	1,440412	1,439467	1,439047	1,438421	1,419007	1,419208	1,419991	1,419495
1,422163	1,435207	1,434594	1,433732	1,433288	1,432592	1,413195	1,413449	1,414217	1,413791
1,416616	1,429651	1,428987	1,428239	1,427765	1,426977	1,407675	1,408031	1,408663	1,408417
1,411068	1,424096	1,423381	1,422747	1,422242	1,421361	1,402154	1,402613	1,40311	1,403044
1,405521	1,418541	1,417774	1,417255	1,416719	1,415745	1,396634	1,397195	1,397556	1,397671
1,399974	1,412986	1,412167	1,411763	1,411196	1,410129	1,391113	1,391777	1,392002	1,392297
1,394426	1,407431	1,406561	1,406271	1,405673	1,404513	1,385592	1,386359	1,386449	1,386924
1,388554	1,401534	1,400712	1,4004	1,399794	1,398629	1,379685	1,380523	1,380505	1,381077
1,382307	1,395246	1,394586	1,394093	1,393508	1,392438	1,373333	1,374206	1,374113	1,374685
1,376061	1,388957	1,38846	1,387786	1,387221	1,386246	1,36698	1,367889	1,367721	1,368294
1,369815	1,382668	1,382334	1,381479	1,380934	1,380054	1,360628	1,361572	1,361328	1,361902

1,363569	1,37638	1,376208	1,375172	1,374648	1,373863	1,354276	1,355255	1,354936	1,35551
1,357323	1,370091	1,370082	1,368865	1,368361	1,367671	1,347923	1,348938	1,348544	1,349119
1,352033	1,364819	1,364919	1,363577	1,363083	1,362451	1,34262	1,343637	1,343215	1,343765
1,349759	1,362747	1,362789	1,361501	1,360982	1,360291	1,340623	1,341538	1,341236	1,341682
1,347485	1,360676	1,360658	1,359424	1,358881	1,35813	1,338627	1,339438	1,339258	1,339599
1,345211	1,358604	1,358528	1,357348	1,356779	1,35597	1,33663	1,337339	1,337279	1,337516
1,342937	1,356533	1,356398	1,355272	1,354678	1,35381	1,334633	1,33524	1,3353	1,335433
1,340662	1,354462	1,354268	1,353195	1,352577	1,35165	1,332636	1,33314	1,333321	1,333349
1,338446	1,35244	1,352187	1,351168	1,350526	1,349542	1,330689	1,331092	1,33139	1,331315
1,33936	1,353126	1,352828	1,351863	1,351197	1,350283	1,331475	1,331837	1,332066	1,331988
1,340276	1,353812	1,353468	1,352558	1,351869	1,351025	1,332261	1,332583	1,332741	1,332661
1,341191	1,354498	1,354108	1,353253	1,35254	1,351766	1,333047	1,333328	1,333416	1,333334
1,342106	1,355185	1,354748	1,353948	1,353212	1,352507	1,333833	1,334073	1,334091	1,334007
1,343021	1,355871	1,355389	1,354643	1,353883	1,353248	1,334619	1,334818	1,334767	1,334679
1,343936	1,356557	1,356029	1,355338	1,354554	1,353989	1,335404	1,335564	1,335442	1,335352
1,346732	1,359427	1,358924	1,358163	1,357418	1,356867	1,338367	1,33857	1,33856	1,338483
1,35001	1,362856	1,362397	1,361533	1,360843	1,360292	1,341888	1,342156	1,342304	1,342244
1,353288	1,366286	1,365869	1,364904	1,364268	1,363718	1,345409	1,345742	1,346048	1,346005
1,356566	1,369715	1,369342	1,368274	1,367693	1,367143	1,348929	1,349329	1,349792	1,349767
1,359844	1,373144	1,372815	1,371644	1,371118	1,370569	1,35245	1,352915	1,353536	1,353528
1,363123	1,376573	1,376288	1,375015	1,374543	1,373994	1,355971	1,356501	1,35728	1,357289
1,367668	1,381153	1,380875	1,37957	1,379106	1,37851	1,36064	1,361227	1,361865	1,361946
1,373146	1,386578	1,386282	1,384997	1,384506	1,383828	1,366156	1,366792	1,367068	1,367264
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