

Tento příklad je již vyřešen, prozkoumejte jej a čtěte koment

Výpočet toků v nehomogenním prostředí:

s krokem vzdálenosti

1D problém (stěny, membrány, jednosměrná difúze od rovinného zdroje,)

Difúzní koef.

Plocha=

krok vzdálenosti

x /m	0	1,00E-06	2,00E-06	3,00E-06	4,00E-06	5,00E-06	6,00E-06	7,00E-06
c0/mol m-3	0	0	0	0	0	0	0	0
c0/mol cm-3	0	0	0	0	0	0	0	0
J/mol/(s m2)	-0,00E+00	###	###	###	###	###	###	###

1. Fickův zákon:

$$J = -S \cdot D \cdot \frac{dc}{dx} \quad [\text{mol m}^{-2} \text{s}^{-1}]$$

Numerické řešení toků:

$$J = -S D \Delta c / \Delta x \quad \text{pro } \Delta x \rightarrow 0$$

(≈) $\frac{dJ}{dx} =$

813

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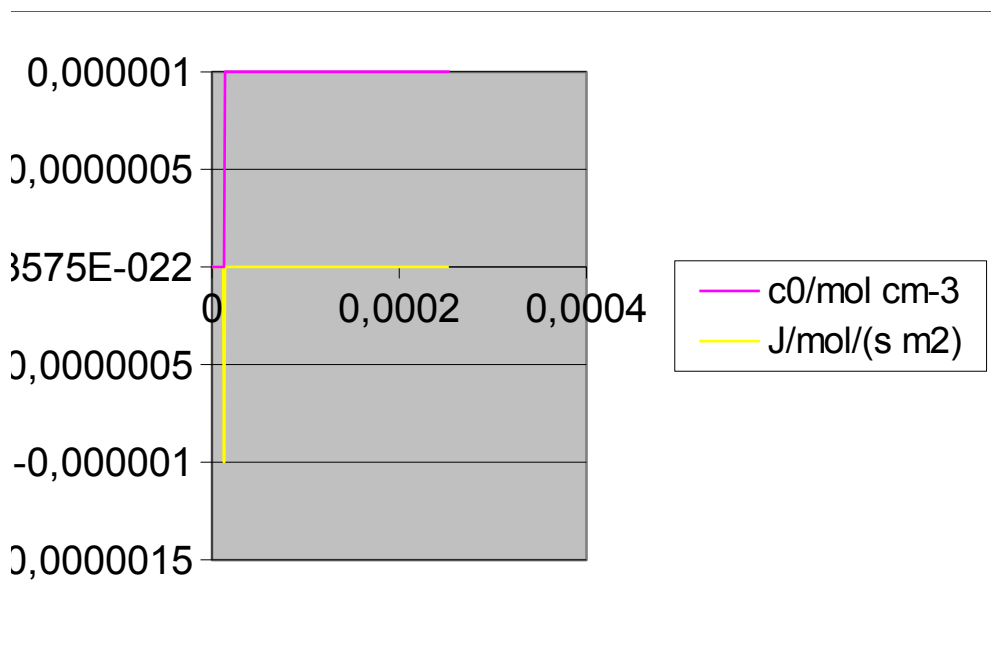
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úře při zeleně podbarvených polích.

řeficient= 1,00E-12 m² s⁻¹
1 m²

řenosti= 1,00E-06 m²

8,00E-06	9,00E-06	1,00E-05	1,10E-05	1,20E-05	1,30E-05	1,40E-05	1,50E-05	1,60E-05
0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0,000001	0,000001	0,000001
###	###	###	###	###	### -1,00E-06	###	###	###



1,70E-05	1,80E-05	1,90E-05	2,00E-05	2,10E-05	2,20E-05	2,30E-05	2,40E-05	2,50E-05
1	1	1	1	1	1	1	1	1
0,000001	0,000001	0,000001	0,000001	0,000001	0,000001	0,000001	0,000001	0,000001
-0,00E+00	###	###	###	###	###	###	###	###

2,51E-04	2,52E-04	2,53E-04	2,54E-04
1	1	1	1
0,000001	0,000001	0,000001	0,000001
###	###	###	#NAME?

**Výpočet toků v nehomogenním prostředí:
s krokem času**

Difúzní koefic
Plocha S=
krok vzdálenč
krok času Δt =

$t=$	0,00E+00 sec					
x /m	0	1,00E-06	2,00E-06	3,00E-06	4,00E-06	5,00E-06
c0/mol m-3	100	100	100	100	100	100
J/mol/(s m2)	1,00E-04	-0,00E+00	-0,00E+00	-0,00E+00	-0,00E+00	-0,00E+00

působení toků po dobu Δt

$t=$	1,00E-02 sec					
Δn /mol	-1,00E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Δc /mol m-3	-1,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
c(t+ Δt) /mol cm-3	101	100	100	100	100	100
J/mol/(s m2)	1,00E-04	1,00E-06	-0,00E+00	-0,00E+00	-0,00E+00	-0,00E+00

působení toků po dobu Δt

$t=$	2,00E-02 sec					
Δn /mol	-9,90E-07	-1,00E-08	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Δc /mol m-3	-9,90E-01	-1,00E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00
c(t+ Δt) /mol cm-3	102	100	100	100	100	100
J/mol/(s m2)	1,00E-04	1,98E-06	1,00E-08	-0,00E+00	-0,00E+00	-0,00E+00

působení toků po dobu Δt

$t=$	3,00E-02 sec					
Δn /mol	-9,80E-07	-1,97E-08	-1,00E-10	0,00E+00	0,00E+00	1,00E-10
Δc /mol m-3	-9,80E-01	-1,97E-02	-1,00E-04	0,00E+00	0,00E+00	1,00E-04
c(t+ Δt) /mol cm-3	103	100	100	100	100	99,9999
J/mol/(s m2)	1,00E-04	2,94E-06	2,96E-08	1,00E-10	-0,00E+00	1,00E-10

koeficient D= 1,00E-12 m² s⁻¹

1 m²

objem Δc= 1,00E-06 m³

1,00E-02 s

Okrajová podmínka toku:

J(z leva)= 1,00E-04

J(z prava)= 0,00E+00

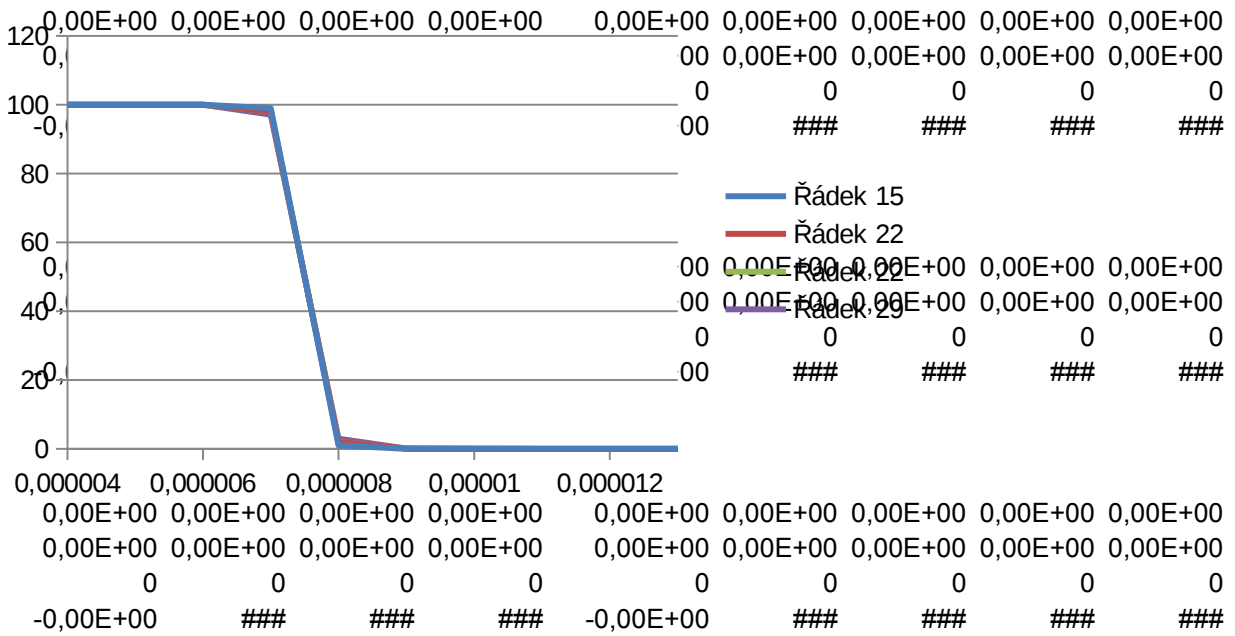
6,00E-06	7,00E-06	8,00E-06	9,00E-06	1,00E-05	1,10E-05	1,20E-05
100	100	0	0	0	0	0
-0,00E+00	-0,00E+00	1,00E-04	-0,00E+00	-0,00E+00	-0,00E+00	-0,00E+00

0,00E+00	1,00E-06	-1,00E-06	0,000E+00	0,00E+00	0,00E+00	0,00E+00
0,00E+00	1,00E+00	-1,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
100	99	1	0	0	0	0
-0,00E+00	1,00E-06	9,80E-05	1,00E-06	-0,00E+00	-0,00E+00	-0,00E+00

1,00E-08	9,70E-07	-9,70E-07	-1,00E-08	0,00E+00	0,00E+00	0,00E+00
1,00E-02	9,70E-01	-9,70E-01	-1,00E-02	0,00E+00	0,00E+00	0,00E+00
99,99	98,03	1,97	0,01	0	0	0
1,00E-08	1,96E-06	9,61E-05	1,96E-06	1,00E-08	-0,00E+00	-0,00E+00

1,95E-08	9,41E-07	-9,41E-07	-1,95E-08	-1,00E-10	0,00E+00	0,00E+00
1,95E-02	9,41E-01	-9,41E-01	-1,95E-02	-1,00E-04	0,00E+00	0,00E+00
99,9705	97,0890	2,9110	0,0295	0,0001	0	0
2,94E-08	2,88E-06	9,42E-05	2,88E-06	2,94E-08	1,00E-10	-0,00E+00

1,30E-05	1,40E-05	1,50E-05	1,60E-05	1,70E-05	1,80E-05	1,90E-05	2,00E-05	2,10E-05
0	0	0	0	0	0	0	0	0
-0,00E+00	###	###	###	-0,00E+00	###	###	###	###



Mehomogenní výchozí koncentrace a časový vývo s 2. Fickovým zákonem

okrajová podmínka (toky nebo koncentrace, ev. aktivita)

gradient koncentrace na povrchu v levo=

0 (tj. nic se tam neděje)

gradient koncentrace na povrchu v pravo=

0

t/s vs. x /m	0	1,00E-06	2,00E-06	3,00E-06	4,00E-06
0	100,00000	100,00000	100,00000	100,00000	100,00000
1,00E-01	100,00000	100,00000	100,00000	100,00000	100,00000
2,00E-01	100,00000	100,00000	100,00000	100,00000	100,00000
3,00E-01	100,00000	100,00000	100,00000	100,00000	100,00000
4,01E-01	100,00000	100,00000	100,00000	100,00000	100,00000
5,01E-01	100,00000	100,00000	100,00000	100,00000	100,00000
6,02E-01	100,00000	100,00000	100,00000	100,00000	100,00000
7,02E-01	100,00000	100,00000	100,00000	100,00000	100,00000
8,03E-01	100,00000	100,00000	100,00000	100,00000	100,00000
9,04E-01	100,00000	100,00000	100,00000	100,00000	100,00000
1,00E+00	100,00000	100,00000	100,00000	100,00000	100,00000
1,11E+00	100,00000	100,00000	100,00000	100,00000	100,00000
1,21E+00	100,00000	100,00000	100,00000	100,00000	99,99999
1,31E+00	100,00000	100,00000	100,00000	100,00000	99,99997
1,41E+00	100,00000	100,00000	100,00000	100,00000	99,99992
1,51E+00	100,00000	100,00000	100,00000	99,99999	99,99984
1,61E+00	100,00000	100,00000	100,00000	99,99997	99,99970
1,71E+00	100,00000	100,00000	100,00000	99,99995	99,99948
1,82E+00	100,00000	100,00000	99,99999	99,99991	99,99913
1,92E+00	100,00000	100,00000	99,99998	99,99984	99,99863
2,02E+00	100,00000	100,00000	99,99997	99,99973	99,99791
2,12E+00	100,00000	99,99999	99,99995	99,99957	99,99694
2,22E+00	100,00000	99,99999	99,99991	99,99934	99,99565
2,33E+00	100,00000	99,99998	99,99986	99,99902	99,99397
2,43E+00	100,00000	99,99997	99,99979	99,99859	99,99186
2,53E+00	99,99999	99,99996	99,99969	99,99802	99,98923
2,63E+00	99,99999	99,99993	99,99954	99,99729	99,98601
2,74E+00	99,99998	99,99990	99,99935	99,99637	99,98215
2,84E+00	99,99998	99,99985	99,99910	99,99521	99,97757
2,94E+00	99,99996	99,99979	99,99878	99,99380	99,97220
3,04E+00	99,99994	99,99970	99,99837	99,99209	99,96599
3,15E+00	99,99992	99,99959	99,99786	99,99005	99,95886
3,25E+00	99,99989	99,99944	99,99723	99,98763	99,95075
3,35E+00	99,99984	99,99926	99,99647	99,98482	99,94162
3,46E+00	99,99978	99,99903	99,99555	99,98156	99,93141
3,56E+00	99,99970	99,99875	99,99447	99,97782	99,92008
3,66E+00	99,99960	99,99841	99,99319	99,97356	99,90758
3,77E+00	99,99948	99,99799	99,99169	99,96876	99,89387
3,87E+00	99,99933	99,99749	99,98997	99,96336	99,87892
3,98E+00	99,99913	99,99690	99,98798	99,95736	99,86270
4,08E+00	99,99890	99,99620	99,98573	99,95070	99,84519
4,18E+00	99,99862	99,99539	99,98317	99,94336	99,82636
4,29E+00	99,99829	99,99446	99,98030	99,93532	99,80620

4,39E+00	99,99789	99,99338	99,97708	99,92655	99,78470
4,50E+00	99,99742	99,99215	99,97351	99,91701	99,76185
4,60E+00	99,99687	99,99075	99,96955	99,90670	99,73764
4,71E+00	99,99623	99,98917	99,96520	99,89559	99,71208
4,81E+00	99,99549	99,98740	99,96042	99,88367	99,68515
4,91E+00	99,99464	99,98542	99,95520	99,87090	99,65688
5,02E+00	99,99367	99,98322	99,94953	99,85729	99,62726
5,12E+00	99,99257	99,98078	99,94338	99,84282	99,59630
5,23E+00	99,99133	99,97809	99,93674	99,82748	99,56402
5,33E+00	99,98994	99,97513	99,92959	99,81125	99,53043
5,44E+00	99,98838	99,97189	99,92192	99,79414	99,49555
5,55E+00	99,98664	99,96836	99,91372	99,77613	99,45939
5,65E+00	99,98471	99,96453	99,90496	99,75722	99,42197
5,76E+00	99,98258	99,96037	99,89565	99,73741	99,38332
5,86E+00	99,98023	99,95587	99,88576	99,71670	99,34345
5,97E+00	99,97765	99,95103	99,87528	99,69508	99,30239
6,07E+00	99,97483	99,94582	99,86421	99,67257	99,26016
6,18E+00	99,97175	99,94024	99,85254	99,64915	99,21678
6,29E+00	99,96841	99,93428	99,84026	99,62484	99,17229
6,39E+00	99,96478	99,92791	99,82735	99,59963	99,12669
6,50E+00	99,96086	99,92113	99,81382	99,57354	99,08003
6,61E+00	99,95663	99,91394	99,79966	99,54657	99,03232
6,71E+00	99,95208	99,90631	99,78486	99,51873	98,98360
6,82E+00	99,94719	99,89823	99,76942	99,49003	98,93388
6,93E+00	99,94196	99,88970	99,75334	99,46046	98,88320
7,03E+00	99,93637	99,88071	99,73660	99,43006	98,83158
7,14E+00	99,93042	99,87124	99,71922	99,39881	98,77904
7,25E+00	99,92408	99,86129	99,70118	99,36674	98,72562
7,35E+00	99,91734	99,85086	99,68248	99,33385	98,67134
7,46E+00	99,91020	99,83992	99,66313	99,30015	98,61623
7,57E+00	99,90265	99,82847	99,64312	99,26566	98,56030
7,68E+00	99,89467	99,81651	99,62246	99,23039	98,50359
7,78E+00	99,88626	99,80403	99,60113	99,19435	98,44612
7,89E+00	99,87739	99,79103	99,57916	99,15754	98,38791
8,00E+00	99,86808	99,77749	99,55653	99,12000	98,32899
8,11E+00	99,85829	99,76341	99,53325	99,08171	98,26939
8,22E+00	99,84803	99,74878	99,50931	99,04271	98,20912
8,32E+00	99,83729	99,73361	99,48473	99,00299	98,14820
8,43E+00	99,82606	99,71788	99,45951	98,96258	98,08667
8,54E+00	99,81433	99,70160	99,43364	98,92149	98,02454
8,65E+00	99,80210	99,68475	99,40714	98,87972	97,96183
8,76E+00	99,78935	99,66734	99,38000	98,83730	97,89857
8,87E+00	99,77608	99,64935	99,35222	98,79423	97,83477
8,98E+00	99,76228	99,63080	99,32382	98,75052	97,77045
9,08E+00	99,74795	99,61168	99,29480	98,70619	97,70564
9,19E+00	99,73309	99,59198	99,26516	98,66126	97,64035
9,30E+00	99,71768	99,57170	99,23490	98,61572	97,57460
9,41E+00	99,70172	99,55084	99,20404	98,56960	97,50842
9,52E+00	99,68521	99,52940	99,17257	98,52291	97,44180
9,63E+00	99,66815	99,50739	99,14050	98,47566	97,37478
9,74E+00	99,65052	99,48479	99,10783	98,42785	97,30737
9,85E+00	99,63234	99,46161	99,07458	98,37951	97,23959
9,96E+00	99,61358	99,43785	99,04074	98,33065	97,17145

1,01E+01	99,59426	99,41351	99,00632	98,28126	97,10296
1,02E+01	99,57436	99,38858	98,97133	98,23137	97,03415
1,03E+01	99,55389	99,36308	98,93578	98,18099	96,96502
1,04E+01	99,53285	99,33700	98,89966	98,13013	96,89559
1,05E+01	99,51123	99,31034	98,86298	98,07879	96,82587
1,06E+01	99,48903	99,28310	98,82576	98,02699	96,75588
1,07E+01	99,46625	99,25529	98,78799	97,97474	96,68563
1,08E+01	99,44289	99,22690	98,74968	97,92205	96,61513
1,10E+01	99,41895	99,19795	98,71084	97,86892	96,54438
1,11E+01	99,39442	99,16842	98,67147	97,81537	96,47342
1,12E+01	99,36932	99,13833	98,63158	97,76141	96,40223
1,13E+01	99,34364	99,10767	98,59118	97,70705	96,33085
1,14E+01	99,31738	99,07645	98,55026	97,65228	96,25927
1,15E+01	99,29054	99,04468	98,50885	97,59714	96,18750
1,16E+01	99,26313	99,01234	98,46693	97,54161	96,11556
1,17E+01	99,23513	98,97946	98,42453	97,48572	96,04345
1,18E+01	99,20657	98,94602	98,38163	97,42947	95,97119
1,20E+01	99,17742	98,91204	98,33826	97,37286	95,89878
1,21E+01	99,14771	98,87751	98,29442	97,31591	95,82623
1,22E+01	99,11743	98,84245	98,25010	97,25862	95,75354
1,23E+01	99,08658	98,80684	98,20533	97,20101	95,68074
1,24E+01	99,05517	98,77071	98,16010	97,14307	95,60782
1,25E+01	99,02320	98,73405	98,11441	97,08482	95,53479
1,26E+01	98,99066	98,69686	98,06829	97,02626	95,46166
1,27E+01	98,95757	98,65916	98,02172	96,96740	95,38843
1,29E+01	98,92393	98,62093	97,97472	96,90825	95,31511
1,30E+01	98,88973	98,58220	97,92729	96,84881	95,24172
1,31E+01	98,85499	98,54296	97,87944	96,78910	95,16824
1,32E+01	98,81971	98,50321	97,83117	96,72911	95,09470
1,33E+01	98,78388	98,46297	97,78250	96,66885	95,02109
1,34E+01	98,74752	98,42223	97,73341	96,60833	94,94743
1,35E+01	98,71062	98,38099	97,68393	96,54756	94,87370
1,36E+01	98,67320	98,33928	97,63405	96,48653	94,79993
1,38E+01	98,63525	98,29708	97,58379	96,42527	94,72612
1,39E+01	98,59678	98,25441	97,53314	96,36377	94,65227
1,40E+01	98,55779	98,21126	97,48211	96,30203	94,57838
1,41E+01	98,51829	98,16764	97,43071	96,24007	94,50446
1,42E+01	98,47828	98,12357	97,37894	96,17789	94,43051
1,43E+01	98,43777	98,07903	97,32681	96,11549	94,35655
1,44E+01	98,39675	98,03404	97,27432	96,05288	94,28256
1,46E+01	98,35524	97,98861	97,22148	95,99006	94,20856
1,47E+01	98,31324	97,94273	97,16829	95,92704	94,13454
1,48E+01	98,27075	97,89641	97,11476	95,86383	94,06052
1,49E+01	98,22778	97,84965	97,06089	95,80042	93,98650
1,50E+01	98,18433	97,80247	97,00669	95,73683	93,91247
1,51E+01	98,14041	97,75486	96,95216	95,67305	93,83844
1,52E+01	98,09602	97,70683	96,89731	95,60909	93,76442
1,54E+01	98,05117	97,65839	96,84214	95,54496	93,69041
1,55E+01	98,00585	97,60953	96,78666	95,48066	93,61640
1,56E+01	97,96009	97,56028	96,73087	95,41619	93,54241
1,57E+01	97,91387	97,51062	96,67477	95,35156	93,46843
1,58E+01	97,86721	97,46056	96,61838	95,28677	93,39447
1,59E+01	97,82011	97,41011	96,56169	95,22183	93,32053

1,61E+01	97,77257	97,35928	96,50471	95,15673	93,24661
1,62E+01	97,72461	97,30807	96,44745	95,09149	93,17271
1,63E+01	97,67621	97,25648	96,38990	95,02611	93,09884
1,64E+01	97,62740	97,20451	96,33208	94,96058	93,02500
1,65E+01	97,57818	97,15218	96,27398	94,89492	92,95119
1,66E+01	97,52854	97,09949	96,21562	94,82912	92,87741
1,68E+01	97,47849	97,04644	96,15699	94,76319	92,80366
1,69E+01	97,42805	96,99304	96,09811	94,69714	92,72994
1,70E+01	97,37721	96,93928	96,03896	94,63096	92,65626
1,71E+01	97,32597	96,88519	95,97957	94,56466	92,58262
1,72E+01	97,27435	96,83075	95,91993	94,49825	92,50902
1,73E+01	97,22235	96,77598	95,86004	94,43172	92,43546
1,75E+01	97,16998	96,72088	95,79992	94,36508	92,36194
1,76E+01	97,11723	96,66546	95,73956	94,29832	92,28846
1,77E+01	97,06411	96,60971	95,67897	94,23147	92,21503
1,78E+01	97,01063	96,55365	95,61815	94,16451	92,14164
1,79E+01	96,95679	96,49727	95,55711	94,09745	92,06830
1,80E+01	96,90260	96,44059	95,49584	94,03029	91,99500
1,82E+01	96,84806	96,38360	95,43436	93,96303	91,92176
1,83E+01	96,79318	96,32632	95,37267	93,89568	91,84856
1,84E+01	96,73796	96,26874	95,31077	93,82825	91,77541
1,85E+01	96,68240	96,21087	95,24866	93,76072	91,70232
1,86E+01	96,62651	96,15271	95,18635	93,69311	91,62928
1,88E+01	96,57030	96,09428	95,12384	93,62541	91,55628
1,89E+01	96,51377	96,03556	95,06114	93,55764	91,48335
1,90E+01	96,45692	95,97657	94,99824	93,48979	91,41046
1,91E+01	96,39976	95,91732	94,93516	93,42186	91,33763
1,92E+01	96,34230	95,85779	94,87189	93,35385	91,26486
1,94E+01	96,28453	95,79801	94,80844	93,28578	91,19214
1,95E+01	96,22646	95,73797	94,74482	93,21763	91,11948
1,96E+01	96,16810	95,67768	94,68102	93,14942	91,04688
1,97E+01	96,10945	95,61714	94,61704	93,08114	90,97433
1,98E+01	96,05052	95,55635	94,55290	93,01279	90,90185
2,00E+01	95,99130	95,49532	94,48859	92,94439	90,82942
2,01E+01	95,93181	95,43406	94,42412	92,87592	90,75705
2,02E+01	95,87204	95,37256	94,35949	92,80740	90,68474
2,03E+01	95,81201	95,31083	94,29471	92,73882	90,61249
2,04E+01	95,75171	95,24888	94,22977	92,67019	90,54030
2,06E+01	95,69115	95,18670	94,16468	92,60151	90,46817
2,07E+01	95,63034	95,12431	94,09944	92,53277	90,39610
2,08E+01	95,56928	95,06170	94,03406	92,46399	90,32409
2,09E+01	95,50797	94,99888	93,96854	92,39516	90,25215
2,10E+01	95,44641	94,93585	93,90288	92,32628	90,18027
2,12E+01	95,38462	94,87262	93,83708	92,25736	90,10845
2,13E+01	95,32258	94,80919	93,77115	92,18840	90,03669
2,14E+01	95,26032	94,74556	93,70509	92,11940	89,96500
2,15E+01	95,19783	94,68174	93,63890	92,05036	89,89337
2,16E+01	95,13512	94,61773	93,57259	91,98128	89,82180
2,18E+01	95,07218	94,55354	93,50615	91,91217	89,75029
2,19E+01	95,00903	94,48916	93,43960	91,84302	89,67885
2,20E+01	94,94567	94,42460	93,37293	91,77384	89,60748
2,21E+01	94,88209	94,35986	93,30614	91,70463	89,53616
2,23E+01	94,81831	94,29495	93,23924	91,63539	89,46492

2,24E+01	94,75433	94,22987	93,17223	91,56612	89,39373
2,25E+01	94,69015	94,16462	93,10511	91,49682	89,32261
2,26E+01	94,62578	94,09921	93,03789	91,42750	89,25156
2,27E+01	94,56121	94,03364	92,97056	91,35815	89,18057
2,29E+01	94,49646	93,96791	92,90314	91,28878	89,10965
2,30E+01	94,43152	93,90203	92,83562	91,21939	89,03879
2,31E+01	94,36640	93,83600	92,76800	91,14998	88,96799
2,32E+01	94,30110	93,76981	92,70029	91,08055	88,89726
2,34E+01	94,23563	93,70349	92,63248	91,01110	88,82660
2,35E+01	94,16999	93,63702	92,56459	90,94164	88,75600
2,36E+01	94,10418	93,57040	92,49661	90,87216	88,68547
2,37E+01	94,03820	93,50366	92,42855	90,80267	88,61501
2,38E+01	93,97207	93,43678	92,36041	90,73316	88,54460
2,40E+01	93,90577	93,36976	92,29218	90,66364	88,47427
2,41E+01	93,83932	93,30262	92,22388	90,59411	88,40400
2,42E+01	93,77272	93,23536	92,15550	90,52458	88,33380
2,43E+01	93,70597	93,16797	92,08704	90,45503	88,26366
2,45E+01	93,63907	93,10046	92,01852	90,38548	88,19359
2,46E+01	93,57203	93,03283	91,94992	90,31592	88,12358
2,47E+01	93,50485	92,96509	91,88126	90,24635	88,05364
2,48E+01	93,43753	92,89723	91,81253	90,17679	87,98377
2,50E+01	93,37008	92,82927	91,74374	90,10721	87,91396
2,51E+01	93,30249	92,76119	91,67488	90,03764	87,84422
2,52E+01	93,23478	92,69302	91,60596	89,96807	87,77455
2,53E+01	93,16694	92,62474	91,53699	89,89849	87,70494
2,55E+01	93,09898	92,55636	91,46795	89,82892	87,63539
2,56E+01	93,03090	92,48788	91,39887	89,75935	87,56592
2,57E+01	92,96270	92,41930	91,32973	89,68978	87,49651
2,58E+01	92,89438	92,35064	91,26053	89,62022	87,42716
2,60E+01	92,82595	92,28188	91,19129	89,55066	87,35788
2,61E+01	92,75742	92,21304	91,12200	89,48110	87,28867
2,62E+01	92,68877	92,14410	91,05267	89,41156	87,21953
2,63E+01	92,62002	92,07509	90,98328	89,34202	87,15045
2,65E+01	92,55117	92,00599	90,91386	89,27249	87,08143
2,66E+01	92,48222	91,93682	90,84439	89,20297	87,01248
2,67E+01	92,41317	91,86756	90,77489	89,13345	86,94360
2,69E+01	92,34402	91,79823	90,70534	89,06395	86,87479
2,70E+01	92,27479	91,72883	90,63576	88,99446	86,80604
2,71E+01	92,20546	91,65936	90,56615	88,92499	86,73735
2,72E+01	92,13604	91,58981	90,49650	88,85553	86,66874
2,74E+01	92,06654	91,52020	90,42682	88,78608	86,60019
2,75E+01	91,99696	91,45053	90,35710	88,71665	86,53170
2,76E+01	91,92730	91,38079	90,28736	88,64723	86,46328
2,77E+01	91,85755	91,31099	90,21759	88,57783	86,39493
2,79E+01	91,78773	91,24114	90,14780	88,50844	86,32664
2,80E+01	91,71784	91,17122	90,07798	88,43908	86,25842
2,81E+01	91,64787	91,10125	90,00813	88,36973	86,19026
2,83E+01	91,57783	91,03123	89,93826	88,30040	86,12217
2,84E+01	91,50772	90,96115	89,86838	88,23110	86,05415
2,85E+01	91,43755	90,89103	89,79847	88,16181	85,98619
2,86E+01	91,36731	90,82085	89,72854	88,09255	85,91830
2,88E+01	91,29702	90,75063	89,65860	88,02330	85,85047
2,89E+01	91,22666	90,68037	89,58865	87,95409	85,78271

2,90E+01	91,15624	90,61006	89,51867	87,88489	85,71502
2,92E+01	91,08577	90,53971	89,44869	87,81572	85,64739
2,93E+01	91,01524	90,46933	89,37869	87,74657	85,57982
2,94E+01	90,94466	90,39890	89,30868	87,67745	85,51233
2,95E+01	90,87403	90,32844	89,23867	87,60836	85,44489
2,97E+01	90,80335	90,25794	89,16864	87,53929	85,37753
2,98E+01	90,73262	90,18741	89,09861	87,47025	85,31023
2,99E+01	90,66185	90,11685	89,02857	87,40124	85,24299
3,01E+01	90,59104	90,04626	88,95853	87,33225	85,17582
3,02E+01	90,52018	89,97564	88,88848	87,26330	85,10872
3,03E+01	90,44928	89,90499	88,81843	87,19437	85,04168
3,05E+01	90,37835	89,83432	88,74838	87,12548	84,97470
3,06E+01	90,30738	89,76363	88,67833	87,05661	84,90780
3,07E+01	90,23637	89,69291	88,60828	86,98778	84,84095
3,08E+01	90,16533	89,62217	88,53823	86,91898	84,77417
3,10E+01	90,09426	89,55141	88,46819	86,85021	84,70746
3,11E+01	90,02316	89,48063	88,39815	86,78148	84,64082
3,12E+01	89,95203	89,40984	88,32811	86,71278	84,57423
3,14E+01	89,88087	89,33903	88,25808	86,64411	84,50772
3,15E+01	89,80969	89,26820	88,18806	86,57548	84,44127
3,16E+01	89,73848	89,19737	88,11804	86,50688	84,37488
3,18E+01	89,66725	89,12652	88,04803	86,43832	84,30856
3,19E+01	89,59600	89,05566	87,97804	86,36980	84,24230
3,20E+01	89,52473	88,98479	87,90805	86,30131	84,17611
3,22E+01	89,45344	88,91392	87,83807	86,23286	84,10999
3,23E+01	89,38214	88,84304	87,76811	86,16444	84,04393
3,24E+01	89,31082	88,77215	87,69816	86,09607	83,97793
3,26E+01	89,23948	88,70126	87,62823	86,02773	83,91200
3,27E+01	89,16814	88,63037	87,55830	85,95943	83,84613
3,28E+01	89,09678	88,55947	87,48840	85,89117	83,78033
3,30E+01	89,02541	88,48857	87,41851	85,82295	83,71460
3,31E+01	88,95404	88,41768	87,34864	85,75477	83,64892
3,32E+01	88,88265	88,34678	87,27879	85,68663	83,58332
3,34E+01	88,81126	88,27589	87,20896	85,61853	83,51778
3,35E+01	88,73987	88,20501	87,13915	85,55048	83,45230
3,36E+01	88,66847	88,13412	87,06936	85,48246	83,38689
3,38E+01	88,59707	88,06325	86,99959	85,41449	83,32154
3,39E+01	88,52566	87,99238	86,92984	85,34656	83,25626
3,40E+01	88,45426	87,92152	86,86012	85,27868	83,19104
3,42E+01	88,38286	87,85066	86,79042	85,21083	83,12588
3,43E+01	88,31146	87,77982	86,72075	85,14304	83,06080
3,44E+01	88,24007	87,70899	86,65110	85,07528	82,99577
3,46E+01	88,16868	87,63817	86,58147	85,00757	82,93081
3,47E+01	88,09729	87,56737	86,51188	84,93991	82,86592
3,48E+01	88,02591	87,49658	86,44231	84,87229	82,80109
3,50E+01	87,95454	87,42580	86,37277	84,80471	82,73632
3,51E+01	87,88318	87,35504	86,30326	84,73718	82,67162
3,52E+01	87,81183	87,28429	86,23378	84,66970	82,60698
3,54E+01	87,74049	87,21357	86,16433	84,60227	82,54241
3,55E+01	87,66916	87,14286	86,09491	84,53488	82,47790
3,56E+01	87,59784	87,07217	86,02552	84,46754	82,41345
3,58E+01	87,52654	87,00150	85,95616	84,40025	82,34907
3,59E+01	87,45525	86,93086	85,88684	84,33300	82,28476

3,60E+01	87,38398	86,86023	85,81755	84,26580	82,22051
3,62E+01	87,31272	86,78963	85,74829	84,19866	82,15632
3,63E+01	87,24149	86,71905	85,67907	84,13156	82,09220
3,65E+01	87,17027	86,64850	85,60988	84,06451	82,02814
3,66E+01	87,09907	86,57797	85,54073	83,99751	81,96414
3,67E+01	87,02789	86,50747	85,47162	83,93056	81,90021
3,69E+01	86,95673	86,43699	85,40254	83,86366	81,83635
3,70E+01	86,88560	86,36655	85,33350	83,79681	81,77254
3,71E+01	86,81448	86,29613	85,26450	83,73001	81,70880
3,73E+01	86,74340	86,22574	85,19553	83,66326	81,64513
3,74E+01	86,67233	86,15537	85,12661	83,59656	81,58152
3,76E+01	86,60129	86,08504	85,05773	83,52992	81,51797
3,77E+01	86,53028	86,01475	84,98888	83,46332	81,45449
3,78E+01	86,45930	85,94448	84,92008	83,39678	81,39107
3,80E+01	86,38834	85,87424	84,85132	83,33029	81,32772
3,81E+01	86,31741	85,80404	84,78260	83,26385	81,26443
3,82E+01	86,24651	85,73387	84,71392	83,19747	81,20120
3,84E+01	86,17565	85,66374	84,64528	83,13114	81,13804
3,85E+01	86,10481	85,59364	84,57669	83,06486	81,07494
3,87E+01	86,03400	85,52358	84,50814	82,99863	81,01190
3,88E+01	85,96323	85,45356	84,43963	82,93246	80,94893
3,89E+01	85,89249	85,38357	84,37117	82,86635	80,88602
3,91E+01	85,82178	85,31362	84,30276	82,80028	80,82318
3,92E+01	85,75111	85,24371	84,23439	82,73427	80,76040
3,94E+01	85,68047	85,17383	84,16606	82,66832	80,69768
3,95E+01	85,60987	85,10400	84,09778	82,60242	80,63503
3,96E+01	85,53931	85,03421	84,02955	82,53658	80,57244
3,98E+01	85,46878	84,96445	83,96137	82,47079	80,50991
3,99E+01	85,39829	84,89474	83,89323	82,40505	80,44745
4,01E+01	85,32784	84,82507	83,82514	82,33937	80,38505
4,02E+01	85,25742	84,75544	83,75710	82,27375	80,32271
4,03E+01	85,18705	84,68586	83,68911	82,20819	80,26044
4,05E+01	85,11672	84,61631	83,62116	82,14268	80,19823
4,06E+01	85,04643	84,54682	83,55327	82,07722	80,13608
4,08E+01	84,97618	84,47736	83,48542	82,01182	80,07400
4,09E+01	84,90597	84,40795	83,41763	81,94648	80,01198
4,10E+01	84,83580	84,33859	83,34988	81,88120	79,95003
4,12E+01	84,76568	84,26927	83,28219	81,81597	79,88813
4,13E+01	84,69560	84,20000	83,21455	81,75080	79,82631
4,15E+01	84,62556	84,13078	83,14696	81,68569	79,76454
4,16E+01	84,55557	84,06160	83,07942	81,62064	79,70284
4,17E+01	84,48563	83,99247	83,01193	81,55564	79,64120
4,19E+01	84,41573	83,92339	82,94450	81,49070	79,57962
4,20E+01	84,34587	83,85436	82,87712	81,42582	79,51811
4,22E+01	84,27607	83,78537	82,80979	81,36100	79,45666
4,23E+01	84,20631	83,71644	82,74252	81,29624	79,39527
4,25E+01	84,13659	83,64755	82,67530	81,23153	79,33395
4,26E+01	84,06693	83,57872	82,60813	81,16689	79,27269
4,27E+01	83,99731	83,50994	82,54102	81,10230	79,21149
4,29E+01	83,92775	83,44120	82,47396	81,03777	79,15036
4,30E+01	83,85823	83,37252	82,40696	80,97330	79,08928
4,32E+01	83,78876	83,30389	82,34001	80,90889	79,02827
4,33E+01	83,71935	83,23532	82,27312	80,84454	78,96733

4,35E+01	83,64998	83,16679	82,20628	80,78025	78,90645
4,36E+01	83,58067	83,09832	82,13950	80,71601	78,84563
4,37E+01	83,51141	83,02990	82,07278	80,65184	78,78487
4,39E+01	83,44220	82,96154	82,00611	80,58773	78,72417
4,40E+01	83,37304	82,89323	81,93950	80,52368	78,66354
4,42E+01	83,30393	82,82497	81,87295	80,45968	78,60297
4,43E+01	83,23488	82,75677	81,80645	80,39575	78,54247
4,45E+01	83,16588	82,68862	81,74001	80,33188	78,48202
4,46E+01	83,09694	82,62053	81,67363	80,26807	78,42164
4,47E+01	83,02805	82,55250	81,60731	80,20432	78,36132
4,49E+01	82,95922	82,48452	81,54104	80,14063	78,30107
4,50E+01	82,89044	82,41660	81,47484	80,07700	78,24087
4,52E+01	82,82171	82,34873	81,40869	80,01343	78,18074
4,53E+01	82,75305	82,28092	81,34260	79,94993	78,12067
4,55E+01	82,68443	82,21317	81,27657	79,88648	78,06067
4,56E+01	82,61588	82,14548	81,21060	79,82309	78,00072
4,58E+01	82,54738	82,07784	81,14469	79,75977	77,94084
4,59E+01	82,47894	82,01026	81,07884	79,69651	77,88103
4,61E+01	82,41056	81,94275	81,01305	79,63331	77,82127
4,62E+01	82,34223	81,87528	80,94732	79,57017	77,76158
4,63E+01	82,27396	81,80788	80,88165	79,50709	77,70194
4,65E+01	82,20575	81,74054	80,81604	79,44408	77,64237
4,66E+01	82,13760	81,67326	80,75049	79,38112	77,58287
4,68E+01	82,06951	81,60603	80,68500	79,31823	77,52342
4,69E+01	82,00148	81,53887	80,61957	79,25540	77,46404
4,71E+01	81,93351	81,47177	80,55420	79,19263	77,40472
4,72E+01	81,86559	81,40472	80,48890	79,12993	77,34546
4,74E+01	81,79774	81,33774	80,42366	79,06728	77,28627
4,75E+01	81,72995	81,27082	80,35847	79,00470	77,22713
4,77E+01	81,66222	81,20396	80,29335	78,94218	77,16806
4,78E+01	81,59455	81,13716	80,22830	78,87973	77,10905
4,80E+01	81,52694	81,07043	80,16330	78,81733	77,05010
4,81E+01	81,45939	81,00375	80,09837	78,75500	76,99122
4,83E+01	81,39190	80,93714	80,03350	78,69273	76,93239
4,84E+01	81,32448	80,87059	79,96869	78,63052	76,87363
4,86E+01	81,25712	80,80410	79,90394	78,56838	76,81493
4,87E+01	81,18982	80,73767	79,83926	78,50630	76,75629
4,89E+01	81,12258	80,67131	79,77464	78,44428	76,69771
4,90E+01	81,05541	80,60501	79,71008	78,38233	76,63920
4,92E+01	80,98830	80,53877	79,64559	78,32044	76,58075
4,93E+01	80,92125	80,47260	79,58116	78,25861	76,52236
4,95E+01	80,85427	80,40649	79,51680	78,19684	76,46403
4,96E+01	80,78735	80,34045	79,45249	78,13514	76,40576
4,98E+01	80,72049	80,27446	79,38825	78,07350	76,34755
4,99E+01	80,65370	80,20855	79,32408	78,01192	76,28941
5,00E+01	80,58697	80,14269	79,25997	77,95041	76,23132
5,02E+01	80,52031	80,07690	79,19592	77,88896	76,17330
5,04E+01	80,45371	80,01118	79,13194	77,82757	76,11534
5,05E+01	80,38717	79,94552	79,06802	77,76625	76,05744
5,07E+01	80,32070	79,87992	79,00417	77,70499	75,99961
5,08E+01	80,25430	79,81440	78,94038	77,64380	75,94183
5,10E+01	80,18796	79,74893	78,87666	77,58266	75,88412
5,11E+01	80,12169	79,68353	78,81300	77,52160	75,82646

5,13E+01	80,05548	79,61820	78,74940	77,46059	75,76887
5,14E+01	79,98934	79,55293	78,68587	77,39965	75,71134
5,16E+01	79,92327	79,48773	78,62241	77,33877	75,65387
5,17E+01	79,85726	79,42259	78,55901	77,27796	75,59646
5,19E+01	79,79131	79,35752	78,49568	77,21721	75,53912
5,20E+01	79,72544	79,29252	78,43241	77,15652	75,48183
5,22E+01	79,65963	79,22758	78,36920	77,09590	75,42461
5,23E+01	79,59389	79,16271	78,30607	77,03534	75,36744
5,25E+01	79,52821	79,09790	78,24299	76,97484	75,31034
5,26E+01	79,46260	79,03316	78,17999	76,91441	75,25330
5,28E+01	79,39706	78,96849	78,11705	76,85404	75,19632
5,29E+01	79,33159	78,90389	78,05417	76,79374	75,13940
5,31E+01	79,26618	78,83935	77,99136	76,73350	75,08254
5,32E+01	79,20084	78,77488	77,92862	76,67333	75,02574
5,34E+01	79,13557	78,71048	77,86594	76,61322	74,96901
5,35E+01	79,07037	78,64614	77,80333	76,55317	74,91233
5,37E+01	79,00523	78,58187	77,74079	76,49318	74,85572
5,38E+01	78,94016	78,51767	77,67831	76,43327	74,79916
5,40E+01	78,87517	78,45354	77,61590	76,37341	74,74267
5,42E+01	78,81023	78,38947	77,55355	76,31362	74,68624
5,43E+01	78,74537	78,32547	77,49127	76,25389	74,62987
5,45E+01	78,68058	78,26154	77,42906	76,19423	74,57356
5,46E+01	78,61585	78,19768	77,36691	76,13463	74,51731
5,48E+01	78,55120	78,13388	77,30483	76,07510	74,46112
5,49E+01	78,48661	78,07016	77,24282	76,01562	74,40499
5,51E+01	78,42209	78,00650	77,18087	75,95622	74,34892
5,52E+01	78,35764	77,94291	77,11899	75,89688	74,29291
5,54E+01	78,29326	77,87939	77,05717	75,83760	74,23696
5,55E+01	78,22895	77,81593	76,99543	75,77838	74,18107
5,57E+01	78,16470	77,75255	76,93375	75,71923	74,12525
5,59E+01	78,10053	77,68923	76,87213	75,66015	74,06948
5,60E+01	78,03643	77,62599	76,81059	75,60113	74,01377
5,62E+01	77,97239	77,56281	76,74911	75,54217	73,95813
5,63E+01	77,90843	77,49970	76,68770	75,48328	73,90254
5,65E+01	77,84453	77,43665	76,62635	75,42445	73,84702
5,66E+01	77,78070	77,37368	76,56507	75,36569	73,79155
5,68E+01	77,71695	77,31078	76,50386	75,30699	73,73615
5,70E+01	77,65326	77,24794	76,44272	75,24835	73,68080
5,71E+01	77,58965	77,18518	76,38164	75,18978	73,62552
5,73E+01	77,52610	77,12248	76,32063	75,13127	73,57029
5,74E+01	77,46262	77,05985	76,25969	75,07283	73,51513
5,76E+01	77,39922	76,99729	76,19881	75,01445	73,46002
5,77E+01	77,33588	76,93480	76,13800	74,95613	73,40498
5,79E+01	77,27262	76,87238	76,07726	74,89788	73,35000
5,81E+01	77,20942	76,81003	76,01659	74,83970	73,29507
5,82E+01	77,14630	76,74775	75,95598	74,78158	73,24021
5,84E+01	77,08324	76,68554	75,89544	74,72352	73,18540
5,85E+01	77,02026	76,62339	75,83497	74,66552	73,13066
5,87E+01	76,95734	76,56132	75,77457	74,60759	73,07597
5,88E+01	76,89450	76,49932	75,71423	74,54973	73,02135
5,90E+01	76,83172	76,43738	75,65396	74,49193	72,96678
5,92E+01	76,76902	76,37552	75,59376	74,43419	72,91228
5,93E+01	76,70639	76,31372	75,53363	74,37652	72,85783

5,95E+01	76,64383	76,25199	75,47356	74,31891	72,80344
5,96E+01	76,58134	76,19034	75,41356	74,26137	72,74912
5,98E+01	76,51892	76,12875	75,35363	74,20389	72,69485
6,00E+01	76,45657	76,06723	75,29376	74,14647	72,64064
6,01E+01	76,39429	76,00579	75,23397	74,08912	72,58649
6,03E+01	76,33208	75,94441	75,17424	74,03183	72,53241
6,04E+01	76,26994	75,88310	75,11457	73,97461	72,47838
6,06E+01	76,20788	75,82186	75,05498	73,91745	72,42441
6,08E+01	76,14588	75,76069	74,99545	73,86035	72,37050
6,09E+01	76,08396	75,69960	74,93599	73,80332	72,31665
6,11E+01	76,02211	75,63857	74,87660	73,74635	72,26285
6,12E+01	75,96032	75,57761	74,81728	73,68945	72,20912
6,14E+01	75,89861	75,51672	74,75802	73,63261	72,15545
6,16E+01	75,83697	75,45590	74,69883	73,57583	72,10184
6,17E+01	75,77540	75,39515	74,63971	73,51912	72,04828
6,19E+01	75,71390	75,33447	74,58065	73,46248	71,99479
6,21E+01	75,65248	75,27386	74,52167	73,40589	71,94135
6,22E+01	75,59112	75,21332	74,46275	73,34937	71,88797
6,24E+01	75,52984	75,15285	74,40389	73,29292	71,83465
6,25E+01	75,46862	75,09245	74,34511	73,23653	71,78140
6,27E+01	75,40748	75,03212	74,28639	73,18020	71,72820
6,29E+01	75,34641	74,97186	74,22774	73,12393	71,67506
6,30E+01	75,28541	74,91167	74,16916	73,06773	71,62197
6,32E+01	75,22448	74,85155	74,11065	73,01160	71,56895
6,34E+01	75,16362	74,79150	74,05220	72,95553	71,51599
6,35E+01	75,10283	74,73152	73,99382	72,89952	71,46308
6,37E+01	75,04211	74,67161	73,93551	72,84357	71,41024
6,38E+01	74,98147	74,61177	73,87727	72,78769	71,35745
6,40E+01	74,92090	74,55200	73,81909	72,73187	71,30472
6,42E+01	74,86039	74,49230	73,76098	72,67612	71,25205
6,43E+01	74,79996	74,43266	73,70294	72,62043	71,19944
6,45E+01	74,73960	74,37310	73,64496	72,56481	71,14689
6,47E+01	74,67931	74,31361	73,58706	72,50924	71,09439
6,48E+01	74,61909	74,25419	73,52922	72,45374	71,04196
6,50E+01	74,55895	74,19484	73,47144	72,39831	70,98958
6,52E+01	74,49887	74,13556	73,41374	72,34294	70,93727

Difúzní koeficient= 1,00E-12 m² s⁻¹
Plocha= 1 m²
krok vzdálenosti= 1,00E-06 m²
výchozí krok času= 1,00E-01 s
expanze času= 1,001

5,00E-06	6,00E-06	7,00E-06	8,00E-06	9,00E-06	1,00E-05	1,10E-05
100,00000	100,00000	100,00000	100,00000	100,00000	100,00000	100,00000
100,00000	100,00000	100,00000	100,00000	100,00000	100,00000	100,00000
100,00000	100,00000	100,00000	100,00000	100,00000	100,00000	98,99900
100,00000	100,00000	100,00000	100,00000	100,00000	99,89970	97,49550
100,00000	100,00000	100,00000	100,00000	99,98994	99,66862	95,77973
100,00000	100,00000	100,00000	99,99899	99,95869	99,31043	94,01642
100,00000	100,00000	99,99990	99,99504	99,89759	98,84353	92,29527
100,00000	99,99999	99,99942	99,98573	99,80135	98,29080	90,66170
100,00000	99,99993	99,99810	99,96854	99,66780	97,67465	89,13540
99,99999	99,99976	99,99530	99,94120	99,49720	97,01479	87,72156
99,99997	99,99933	99,99029	99,90186	99,29152	96,32755	86,41747
99,99991	99,99848	99,98227	99,84915	99,05379	95,62596	85,21651
99,99977	99,99699	99,97045	99,78219	98,78764	94,92008	84,11034
99,99951	99,99458	99,95409	99,70059	98,49687	94,21749	83,09022
99,99906	99,99098	99,93251	99,60432	98,18528	93,52374	82,14766
99,99833	99,98587	99,90516	99,49370	97,85646	92,84283	81,27477
99,99722	99,97894	99,87158	99,36927	97,51372	92,17748	80,46438
99,99561	99,96989	99,83145	99,23177	97,16004	91,52952	79,71008
99,99339	99,95842	99,78454	99,08204	96,79806	90,90002	79,00619
99,99041	99,94428	99,73071	98,92102	96,43010	90,28956	78,34769
99,98655	99,92722	99,66996	98,74967	96,05814	89,69830	77,73016
99,98166	99,90702	99,60232	98,56897	95,68390	89,12615	77,14969
99,97560	99,88353	99,52791	98,37987	95,30884	88,57278	76,60287
99,96823	99,85659	99,44690	98,18330	94,93419	88,03776	76,08666
99,95944	99,82609	99,35953	97,98013	94,56098	87,52054	75,59837
99,94910	99,79196	99,26603	97,77120	94,19006	87,02051	75,13564
99,93711	99,75415	99,16669	97,55729	93,82214	86,53705	74,69635
99,92335	99,71263	99,06180	97,33912	93,45780	86,06950	74,27862
99,90774	99,66742	98,95169	97,11735	93,09751	85,61720	73,88076
99,89021	99,61853	98,83665	96,89260	92,74164	85,17950	73,50127
99,87068	99,56601	98,71701	96,66542	92,39049	84,75579	73,13879
99,84911	99,50992	98,59309	96,43632	92,04428	84,34544	72,79209
99,82544	99,45034	98,46520	96,20576	91,70320	83,94786	72,46008
99,79965	99,38735	98,33362	95,97415	91,36735	83,56248	72,14174
99,77171	99,32106	98,19867	95,74188	91,03682	83,18877	71,83618
99,74161	99,25156	98,06062	95,50928	90,71165	82,82620	71,54255
99,70934	99,17898	97,91974	95,27666	90,39188	82,47428	71,26012
99,67491	99,10342	97,77628	95,04427	90,07749	82,13255	70,98818
99,63833	99,02501	97,63050	94,81238	89,76845	81,80055	70,72610
99,59961	98,94387	97,48263	94,58118	89,46474	81,47787	70,47330
99,55879	98,86012	97,33288	94,35088	89,16628	81,16410	70,22925
99,51588	98,77388	97,18147	94,12163	88,87303	80,85888	69,99346
99,47092	98,68528	97,02859	93,89360	88,58491	80,56182	69,76546

99,42395	98,59444	96,87442	93,66691	88,30183	80,27261	69,54485
99,37502	98,50148	96,71914	93,44168	88,02372	79,99090	69,33122
99,32416	98,40651	96,56291	93,21801	87,75048	79,71640	69,12422
99,27142	98,30966	96,40587	92,99598	87,48201	79,44882	68,92351
99,21686	98,21102	96,24817	92,77567	87,21824	79,18789	68,72878
99,16052	98,11072	96,08995	92,55715	86,95905	78,93333	68,53973
99,10246	98,00885	95,93131	92,34047	86,70436	78,68490	68,35610
99,04272	97,90552	95,77239	92,12568	86,45406	78,44238	68,17763
98,98137	97,80082	95,61327	91,91281	86,20806	78,20553	68,00408
98,91845	97,69486	95,45407	91,70190	85,96627	77,97413	67,83522
98,85403	97,58771	95,29487	91,49297	85,72858	77,74800	67,67086
98,78815	97,47947	95,13575	91,28605	85,49491	77,52694	67,51079
98,72087	97,37023	94,97680	91,08114	85,26515	77,31077	67,35484
98,65225	97,26006	94,81809	90,87825	85,03923	77,09930	67,20281
98,58233	97,14904	94,65968	90,67740	84,81704	76,89238	67,05456
98,51117	97,03724	94,50164	90,47858	84,59851	76,68985	66,90993
98,43883	96,92474	94,34401	90,28180	84,38354	76,49155	66,76876
98,36534	96,81159	94,18686	90,08704	84,17206	76,29735	66,63094
98,29077	96,69788	94,03024	89,89431	83,96397	76,10711	66,49631
98,21516	96,58365	93,87418	89,70359	83,75921	75,92069	66,36477
98,13856	96,46896	93,71872	89,51487	83,55769	75,73797	66,23620
98,06101	96,35387	93,56391	89,32814	83,35933	75,55883	66,11048
97,98257	96,23844	93,40978	89,14339	83,16406	75,38316	65,98751
97,90327	96,12271	93,25636	88,96060	82,97181	75,21085	65,86718
97,82316	96,00672	93,10367	88,77975	82,78251	75,04178	65,74942
97,74228	95,89054	92,95174	88,60083	82,59608	74,87587	65,63412
97,66068	95,77419	92,80060	88,42381	82,41247	74,71302	65,52121
97,57838	95,65771	92,65026	88,24869	82,23161	74,55313	65,41059
97,49543	95,54116	92,50074	88,07543	82,05343	74,39611	65,30219
97,41187	95,42456	92,35207	87,90402	81,87787	74,24189	65,19594
97,32773	95,30794	92,20425	87,73443	81,70487	74,09037	65,09177
97,24305	95,19135	92,05730	87,56665	81,53438	73,94148	64,98961
97,15786	95,07480	91,91122	87,40066	81,36634	73,79515	64,88939
97,07219	94,95834	91,76604	87,23642	81,20069	73,65131	64,79106
96,98608	94,84198	91,62175	87,07392	81,03738	73,50988	64,69456
96,89955	94,72576	91,47837	86,91314	80,87635	73,37079	64,59982
96,81264	94,60970	91,33590	86,75405	80,71757	73,23399	64,50680
96,72537	94,49381	91,19435	86,59664	80,56097	73,09941	64,41544
96,63776	94,37813	91,05372	86,44087	80,40651	72,96699	64,32569
96,54985	94,26268	90,91401	86,28673	80,25415	72,83668	64,23752
96,46167	94,14746	90,77523	86,13420	80,10383	72,70842	64,15086
96,37322	94,03251	90,63737	85,98325	79,95552	72,58215	64,06568
96,28454	93,91783	90,50045	85,83386	79,80917	72,45783	63,98194
96,19565	93,80345	90,36445	85,68600	79,66474	72,33540	63,89959
96,10658	93,68937	90,22938	85,53967	79,52219	72,21482	63,81860
96,01733	93,57562	90,09524	85,39483	79,38148	72,09605	63,73893
95,92793	93,46220	89,96202	85,25147	79,24258	71,97902	63,66054
95,83841	93,34913	89,82972	85,10955	79,10544	71,86372	63,58340
95,74877	93,23642	89,69834	84,96907	78,97003	71,75008	63,50748
95,65904	93,12408	89,56788	84,83001	78,83631	71,63808	63,43274
95,56923	93,01212	89,43833	84,69233	78,70426	71,52767	63,35915
95,47935	92,90055	89,30969	84,55602	78,57383	71,41881	63,28669
95,38943	92,78937	89,18196	84,42107	78,44499	71,31148	63,21532

95,29948	92,67860	89,05512	84,28745	78,31772	71,20562	63,14502
95,20951	92,56825	88,92918	84,15513	78,19198	71,10122	63,07576
95,11953	92,45831	88,80413	84,02412	78,06774	70,99823	63,00752
95,02956	92,34879	88,67996	83,89437	77,94497	70,89663	62,94026
94,93962	92,23971	88,55667	83,76589	77,82365	70,79639	62,87397
94,84970	92,13106	88,43425	83,63864	77,70374	70,69746	62,80863
94,75982	92,02285	88,31270	83,51261	77,58522	70,59983	62,74420
94,67000	91,91509	88,19201	83,38778	77,46807	70,50347	62,68068
94,58024	91,80777	88,07217	83,26413	77,35225	70,40834	62,61803
94,49055	91,70091	87,95318	83,14166	77,23774	70,31443	62,55624
94,40095	91,59450	87,83503	83,02033	77,12452	70,22170	62,49528
94,31143	91,48855	87,71771	82,90014	77,01257	70,13014	62,43515
94,22202	91,38305	87,60122	82,78106	76,90185	70,03971	62,37582
94,13271	91,27802	87,48555	82,66308	76,79235	69,95040	62,31726
94,04351	91,17345	87,37070	82,54619	76,68405	69,86217	62,25948
93,95443	91,06934	87,25665	82,43037	76,57692	69,77502	62,20244
93,86549	90,96570	87,14340	82,31560	76,47095	69,68891	62,14613
93,77667	90,86252	87,03094	82,20187	76,36611	69,60382	62,09054
93,68800	90,75981	86,91926	82,08916	76,26238	69,51974	62,03565
93,59947	90,65756	86,80836	81,97747	76,15974	69,43665	61,98145
93,51109	90,55578	86,69823	81,86676	76,05817	69,35452	61,92792
93,42286	90,45446	86,58887	81,75704	75,95766	69,27334	61,87505
93,33480	90,35361	86,48026	81,64828	75,85819	69,19309	61,82282
93,24690	90,25323	86,37240	81,54048	75,75974	69,11374	61,77122
93,15917	90,15331	86,26528	81,43361	75,66228	69,03529	61,72024
93,07161	90,05385	86,15889	81,32767	75,56581	68,95772	61,66987
92,98423	89,95485	86,05323	81,22264	75,47031	68,88100	61,62009
92,89703	89,85632	85,94828	81,11851	75,37576	68,80513	61,57089
92,81002	89,75824	85,84405	81,01527	75,28214	68,73009	61,52226
92,72319	89,66062	85,74053	80,91290	75,18944	68,65586	61,47419
92,63654	89,56345	85,63770	80,81140	75,09765	68,58243	61,42667
92,55009	89,46674	85,53556	80,71074	75,00675	68,50978	61,37968
92,46384	89,37049	85,43410	80,61093	74,91672	68,43789	61,33322
92,37778	89,27468	85,33332	80,51193	74,82755	68,36677	61,28728
92,29191	89,17931	85,23320	80,41376	74,73922	68,29638	61,24185
92,20625	89,08440	85,13375	80,31638	74,65173	68,22673	61,19692
92,12079	88,98992	85,03496	80,21980	74,56506	68,15779	61,15247
92,03553	88,89589	84,93681	80,12400	74,47919	68,08955	61,10850
91,95048	88,80230	84,83930	80,02897	74,39412	68,02200	61,06500
91,86563	88,70914	84,74242	79,93470	74,30983	67,95513	61,02197
91,78099	88,61641	84,64617	79,84118	74,22630	67,88893	60,97939
91,69656	88,52411	84,55054	79,74840	74,14353	67,82338	60,93725
91,61233	88,43224	84,45553	79,65635	74,06151	67,75848	60,89555
91,52832	88,34080	84,36112	79,56501	73,98021	67,69421	60,85429
91,44452	88,24978	84,26731	79,47439	73,89964	67,63056	60,81344
91,36092	88,15917	84,17409	79,38446	73,81978	67,56752	60,77301
91,27754	88,06898	84,08146	79,29523	73,74062	67,50509	60,73298
91,19437	87,97921	83,98941	79,20667	73,66214	67,44325	60,69336
91,11140	87,88984	83,89793	79,11879	73,58434	67,38199	60,65412
91,02866	87,80088	83,80702	79,03157	73,50721	67,32131	60,61528
90,94612	87,71233	83,71667	78,94500	73,43074	67,26118	60,57681
90,86379	87,62417	83,62688	78,85907	73,35492	67,20161	60,53872
90,78168	87,53641	83,53763	78,77378	73,27973	67,14259	60,50100

90,69977	87,44905	83,44893	78,68912	73,20517	67,08410	60,46363
90,61808	87,36207	83,36076	78,60508	73,13122	67,02614	60,42662
90,53660	87,27549	83,27312	78,52164	73,05789	66,96870	60,38996
90,45533	87,18929	83,18601	78,43881	72,98516	66,91177	60,35364
90,37427	87,10347	83,09941	78,35658	72,91302	66,85534	60,31766
90,29341	87,01802	83,01332	78,27492	72,84146	66,79941	60,28202
90,21277	86,93296	82,92775	78,19385	72,77047	66,74397	60,24669
90,13233	86,84826	82,84267	78,11335	72,70005	66,68900	60,21169
90,05210	86,76393	82,75808	78,03341	72,63019	66,63451	60,17701
89,97208	86,67997	82,67399	77,95403	72,56088	66,58048	60,14263
89,89226	86,59637	82,59038	77,87519	72,49211	66,52691	60,10856
89,81265	86,51313	82,50724	77,79690	72,42387	66,47379	60,07479
89,73325	86,43024	82,42458	77,71914	72,35616	66,42111	60,04132
89,65404	86,34771	82,34238	77,64190	72,28896	66,36887	60,00814
89,57504	86,26553	82,26065	77,56519	72,22228	66,31706	59,97525
89,49624	86,18369	82,17937	77,48899	72,15610	66,26568	59,94263
89,41764	86,10219	82,09855	77,41329	72,09042	66,21471	59,91030
89,33924	86,02103	82,01816	77,33810	72,02522	66,16415	59,87824
89,26104	85,94021	81,93822	77,26340	71,96051	66,11400	59,84644
89,18304	85,85972	81,85872	77,18918	71,89627	66,06425	59,81492
89,10523	85,77956	81,77964	77,11545	71,83250	66,01489	59,78365
89,02762	85,69973	81,70099	77,04219	71,76920	65,96591	59,75264
88,95020	85,62022	81,62276	76,96939	71,70635	65,91732	59,72188
88,87298	85,54103	81,54494	76,89706	71,64394	65,86910	59,69137
88,79595	85,46216	81,46754	76,82518	71,58199	65,82126	59,66111
88,71911	85,38360	81,39054	76,75376	71,52046	65,77378	59,63109
88,64246	85,30536	81,31394	76,68278	71,45937	65,72665	59,60130
88,56599	85,22742	81,23774	76,61223	71,39871	65,67989	59,57175
88,48972	85,14978	81,16192	76,54212	71,33846	65,63347	59,54243
88,41363	85,07245	81,08650	76,47243	71,27862	65,58739	59,51334
88,33773	84,99542	81,01146	76,40317	71,21919	65,54165	59,48446
88,26201	84,91868	80,93679	76,33432	71,16017	65,49625	59,45581
88,18647	84,84224	80,86250	76,26589	71,10154	65,45118	59,42738
88,11111	84,76609	80,78858	76,19786	71,04330	65,40643	59,39916
88,03594	84,69022	80,71503	76,13022	70,98545	65,36200	59,37115
87,96094	84,61464	80,64183	76,06299	70,92797	65,31789	59,34335
87,88612	84,53934	80,56899	75,99614	70,87087	65,27408	59,31575
87,81148	84,46432	80,49650	75,92968	70,81414	65,23058	59,28835
87,73701	84,38957	80,42436	75,86360	70,75778	65,18739	59,26115
87,66272	84,31510	80,35257	75,79789	70,70177	65,14449	59,23415
87,58860	84,24090	80,28111	75,73255	70,64612	65,10189	59,20733
87,51465	84,16696	80,20999	75,66758	70,59082	65,05957	59,18071
87,44087	84,09329	80,13921	75,60297	70,53587	65,01754	59,15427
87,36726	84,01988	80,06875	75,53872	70,48126	64,97579	59,12802
87,29381	83,94673	79,99861	75,47482	70,42698	64,93432	59,10195
87,22054	83,87384	79,92879	75,41126	70,37303	64,89312	59,07605
87,14743	83,80120	79,85930	75,34805	70,31941	64,85219	59,05033
87,07448	83,72882	79,79011	75,28518	70,26612	64,81152	59,02479
87,00170	83,65668	79,72123	75,22264	70,21314	64,77112	58,99941
86,92908	83,58479	79,65266	75,16043	70,16047	64,73098	58,97420
86,85661	83,51314	79,58439	75,09855	70,10812	64,69109	58,94916
86,78431	83,44173	79,51642	75,03698	70,05607	64,65145	58,92428
86,71217	83,37056	79,44875	74,97574	70,00432	64,61206	58,89956

86,64018	83,29963	79,38137	74,91481	69,95288	64,57291	58,87500
86,56835	83,22894	79,31427	74,85419	69,90172	64,53400	58,85060
86,49667	83,15847	79,24746	74,79387	69,85085	64,49533	58,82635
86,42515	83,08823	79,18093	74,73386	69,80027	64,45690	58,80225
86,35377	83,01822	79,11468	74,67415	69,74998	64,41869	58,77830
86,28255	82,94844	79,04870	74,61473	69,69996	64,38071	58,75450
86,21148	82,87888	78,98300	74,55560	69,65021	64,34296	58,73084
86,14056	82,80953	78,91756	74,49675	69,60074	64,30543	58,70732
86,06979	82,74041	78,85239	74,43819	69,55153	64,26811	58,68395
85,99916	82,67150	78,78749	74,37991	69,50259	64,23102	58,66071
85,92867	82,60280	78,72284	74,32191	69,45391	64,19413	58,63761
85,85834	82,53431	78,65845	74,26418	69,40548	64,15745	58,61464
85,78814	82,46604	78,59431	74,20672	69,35731	64,12098	58,59181
85,71809	82,39797	78,53042	74,14952	69,30939	64,08471	58,56910
85,64817	82,33010	78,46678	74,09259	69,26172	64,04864	58,54653
85,57840	82,26244	78,40338	74,03592	69,21429	64,01278	58,52408
85,50877	82,19497	78,34022	73,97950	69,16710	63,97710	58,50175
85,43927	82,12771	78,27731	73,92334	69,12015	63,94162	58,47955
85,36991	82,06064	78,21463	73,86742	69,07343	63,90633	58,45747
85,30069	81,99376	78,15218	73,81175	69,02694	63,87122	58,43551
85,23160	81,92708	78,08997	73,75633	68,98068	63,83630	58,41367
85,16264	81,86059	78,02798	73,70115	68,93465	63,80156	58,39194
85,09382	81,79429	77,96622	73,64620	68,88884	63,76700	58,37032
85,02513	81,72817	77,90468	73,59149	68,84325	63,73262	58,34882
84,95656	81,66224	77,84336	73,53702	68,79787	63,69842	58,32743
84,88813	81,59649	77,78226	73,48277	68,75271	63,66438	58,30614
84,81983	81,53092	77,72137	73,42874	68,70776	63,63051	58,28497
84,75165	81,46553	77,66070	73,37495	68,66301	63,59682	58,26389
84,68361	81,40032	77,60024	73,32137	68,61848	63,56328	58,24293
84,61568	81,33528	77,53999	73,26801	68,57414	63,52991	58,22206
84,54789	81,27042	77,47994	73,21486	68,53000	63,49670	58,20130
84,48021	81,20573	77,42009	73,16193	68,48607	63,46365	58,18063
84,41266	81,14121	77,36045	73,10920	68,44232	63,43076	58,16006
84,34523	81,07686	77,30100	73,05669	68,39877	63,39802	58,13959
84,27793	81,01268	77,24175	73,00438	68,35541	63,36543	58,11922
84,21074	80,94866	77,18270	72,95227	68,31224	63,33299	58,09893
84,14367	80,88480	77,12384	72,90036	68,26925	63,30070	58,07874
84,07672	80,82111	77,06517	72,84865	68,22644	63,26855	58,05864
84,00989	80,75757	77,00668	72,79713	68,18382	63,23655	58,03863
83,94318	80,69420	76,94838	72,74581	68,14137	63,20469	58,01870
83,87658	80,63098	76,89027	72,69468	68,09910	63,17297	57,99886
83,81010	80,56792	76,83233	72,64373	68,05700	63,14138	57,97911
83,74373	80,50502	76,77458	72,59297	68,01507	63,10994	57,95944
83,67747	80,44226	76,71700	72,54240	67,97331	63,07862	57,93985
83,61133	80,37966	76,65960	72,49200	67,93171	63,04744	57,92034
83,54530	80,31721	76,60237	72,44179	67,89028	63,01639	57,90091
83,47938	80,25490	76,54531	72,39175	67,84902	62,98547	57,88156
83,41358	80,19275	76,48843	72,34189	67,80791	62,95467	57,86229
83,34788	80,13074	76,43171	72,29219	67,76696	62,92400	57,84309
83,28229	80,06887	76,37516	72,24267	67,72617	62,89345	57,82397
83,21681	80,00714	76,31877	72,19332	67,68553	62,86302	57,80492
83,15144	79,94556	76,26254	72,14414	67,64504	62,83271	57,78594
83,08617	79,88412	76,20648	72,09511	67,60471	62,80252	57,76704

83,02101	79,82281	76,15057	72,04625	67,56452	62,77245	57,74820
82,95595	79,76165	76,09482	71,99756	67,52448	62,74249	57,72943
82,89100	79,70062	76,03922	71,94902	67,48458	62,71265	57,71073
82,82616	79,63972	75,98378	71,90063	67,44482	62,68291	57,69210
82,76141	79,57896	75,92850	71,85240	67,40521	62,65329	57,67353
82,69677	79,51833	75,87336	71,80433	67,36573	62,62377	57,65503
82,63224	79,45783	75,81837	71,75641	67,32639	62,59436	57,63658
82,56780	79,39747	75,76352	71,70863	67,28719	62,56506	57,61821
82,50346	79,33723	75,70883	71,66100	67,24812	62,53586	57,59989
82,43923	79,27711	75,65427	71,61352	67,20918	62,50676	57,58163
82,37509	79,21713	75,59986	71,56618	67,17037	62,47777	57,56343
82,31105	79,15727	75,54559	71,51899	67,13169	62,44887	57,54529
82,24711	79,09753	75,49146	71,47193	67,09314	62,42007	57,52721
82,18327	79,03792	75,43747	71,42502	67,05471	62,39137	57,50918
82,11952	78,97843	75,38362	71,37824	67,01641	62,36276	57,49121
82,05587	78,91906	75,32990	71,33160	66,97822	62,33425	57,47329
81,99232	78,85981	75,27631	71,28509	66,94016	62,30583	57,45542
81,92886	78,80068	75,22285	71,23872	66,90222	62,27750	57,43761
81,86550	78,74167	75,16953	71,19247	66,86439	62,24926	57,41985
81,80223	78,68277	75,11633	71,14636	66,82668	62,22111	57,40213
81,73905	78,62399	75,06327	71,10037	66,78908	62,19305	57,38447
81,67597	78,56533	75,01033	71,05451	66,75160	62,16507	57,36686
81,61298	78,50678	74,95751	71,00878	66,71423	62,13718	57,34929
81,55008	78,44834	74,90482	70,96316	66,67697	62,10937	57,33177
81,48727	78,39001	74,85226	70,91767	66,63981	62,08164	57,31430
81,42455	78,33179	74,79981	70,87231	66,60277	62,05400	57,29687
81,36193	78,27369	74,74749	70,82706	66,56583	62,02643	57,27948
81,29939	78,21569	74,69528	70,78193	66,52899	61,99895	57,26214
81,23694	78,15780	74,64319	70,73691	66,49226	61,97154	57,24485
81,17458	78,10002	74,59122	70,69201	66,45563	61,94421	57,22759
81,11231	78,04234	74,53936	70,64723	66,41909	61,91695	57,21037
81,05013	77,98477	74,48762	70,60255	66,38266	61,88977	57,19320
80,98803	77,92730	74,43599	70,55799	66,34633	61,86266	57,17606
80,92603	77,86994	74,38448	70,51354	66,31009	61,83563	57,15897
80,86410	77,81268	74,33307	70,46920	66,27395	61,80866	57,14191
80,80227	77,75552	74,28178	70,42496	66,23790	61,78177	57,12489
80,74052	77,69846	74,23059	70,38083	66,20195	61,75494	57,10790
80,67885	77,64151	74,17951	70,33681	66,16609	61,72819	57,09095
80,61727	77,58465	74,12854	70,29289	66,13031	61,70150	57,07404
80,55577	77,52789	74,07767	70,24907	66,09463	61,67487	57,05716
80,49436	77,47123	74,02691	70,20536	66,05904	61,64832	57,04031
80,43303	77,41467	73,97625	70,16174	66,02353	61,62182	57,02350
80,37178	77,35820	73,92569	70,11823	65,98811	61,59539	57,00672
80,31062	77,30183	73,87524	70,07481	65,95277	61,56902	56,98997
80,24953	77,24555	73,82488	70,03149	65,91752	61,54272	56,97325
80,18853	77,18937	73,77463	69,98827	65,88235	61,51647	56,95656
80,12761	77,13328	73,72447	69,94514	65,84727	61,49028	56,93990
80,06677	77,07729	73,67441	69,90210	65,81226	61,46415	56,92327
80,00601	77,02138	73,62445	69,85916	65,77733	61,43808	56,90667
79,94534	76,96557	73,57459	69,81631	65,74249	61,41207	56,89010
79,88474	76,90985	73,52482	69,77355	65,70772	61,38611	56,87355
79,82422	76,85421	73,47514	69,73088	65,67302	61,36021	56,85703
79,76378	76,79867	73,42556	69,68830	65,63841	61,33436	56,84054

79,70341	76,74322	73,37607	69,64581	65,60387	61,30857	56,82407
79,64313	76,68785	73,32667	69,60341	65,56940	61,28283	56,80763
79,58292	76,63257	73,27736	69,56109	65,53500	61,25714	56,79121
79,52280	76,57738	73,22814	69,51885	65,50068	61,23150	56,77481
79,46274	76,52228	73,17901	69,47670	65,46643	61,20591	56,75844
79,40277	76,46726	73,12996	69,43464	65,43225	61,18038	56,74209
79,34287	76,41232	73,08101	69,39265	65,39813	61,15489	56,72576
79,28305	76,35747	73,03214	69,35075	65,36409	61,12945	56,70946
79,22330	76,30270	72,98336	69,30893	65,33012	61,10405	56,69317
79,16363	76,24802	72,93466	69,26718	65,29621	61,07871	56,67691
79,10404	76,19342	72,88605	69,22552	65,26237	61,05341	56,66066
79,04452	76,13890	72,83752	69,18393	65,22859	61,02815	56,64444
78,98507	76,08446	72,78907	69,14243	65,19488	61,00294	56,62823
78,92570	76,03010	72,74071	69,10099	65,16123	60,97778	56,61205
78,86640	75,97583	72,69242	69,05964	65,12764	60,95265	56,59588
78,80718	75,92163	72,64422	69,01836	65,09412	60,92757	56,57973
78,74803	75,86751	72,59610	68,97715	65,06065	60,90253	56,56359
78,68895	75,81347	72,54805	68,93602	65,02725	60,87754	56,54748
78,62995	75,75951	72,50009	68,89495	64,99391	60,85258	56,53138
78,57102	75,70563	72,45220	68,85396	64,96062	60,82766	56,51529
78,51216	75,65183	72,40439	68,81305	64,92740	60,80279	56,49922
78,45337	75,59810	72,35666	68,77220	64,89423	60,77795	56,48316
78,39465	75,54444	72,30900	68,73142	64,86112	60,75315	56,46712
78,33601	75,49087	72,26142	68,69071	64,82807	60,72839	56,45110
78,27743	75,43737	72,21391	68,65007	64,79507	60,70366	56,43508
78,21893	75,38394	72,16648	68,60950	64,76212	60,67897	56,41909
78,16050	75,33059	72,11912	68,56899	64,72923	60,65432	56,40310
78,10214	75,27731	72,07183	68,52855	64,69640	60,62970	56,38712
78,04384	75,22411	72,02462	68,48817	64,66362	60,60512	56,37116
77,98562	75,17097	71,97747	68,44786	64,63089	60,58057	56,35521
77,92747	75,11792	71,93040	68,40762	64,59821	60,55606	56,33927
77,86939	75,06493	71,88340	68,36743	64,56558	60,53157	56,32334
77,81137	75,01201	71,83647	68,32731	64,53300	60,50712	56,30743
77,75343	74,95917	71,78961	68,28726	64,50047	60,48271	56,29152
77,69555	74,90640	71,74281	68,24726	64,46799	60,45832	56,27562
77,63775	74,85370	71,69609	68,20733	64,43556	60,43397	56,25973
77,58001	74,80106	71,64943	68,16746	64,40318	60,40965	56,24386
77,52233	74,74850	71,60284	68,12764	64,37085	60,38535	56,22799
77,46473	74,69601	71,55632	68,08789	64,33856	60,36109	56,21213
77,40719	74,64359	71,50986	68,04819	64,30632	60,33685	56,19627
77,34973	74,59123	71,46347	68,00856	64,27413	60,31265	56,18043
77,29232	74,53894	71,41715	67,96898	64,24198	60,28847	56,16459
77,23499	74,48672	71,37089	67,92946	64,20987	60,26432	56,14876
77,17772	74,43457	71,32469	67,88999	64,17781	60,24020	56,13294
77,12052	74,38249	71,27856	67,85058	64,14579	60,21611	56,11712
77,06338	74,33047	71,23249	67,81123	64,11382	60,19204	56,10131
77,00631	74,27852	71,18649	67,77193	64,08189	60,16800	56,08551
76,94931	74,22663	71,14054	67,73269	64,05000	60,14398	56,06971
76,89237	74,17481	71,09466	67,69350	64,01816	60,11999	56,05391
76,83550	74,12306	71,04884	67,65436	63,98635	60,09602	56,03813
76,77869	74,07137	71,00308	67,61528	63,95459	60,07208	56,02234
76,72195	74,01974	70,95739	67,57625	63,92286	60,04816	56,00657
76,66528	73,96818	70,91175	67,53728	63,89118	60,02427	55,99079

76,60866	73,91669	70,86617	67,49835	63,85954	60,00040	55,97502
76,55212	73,86525	70,82065	67,45948	63,82793	59,97655	55,95926
76,49563	73,81389	70,77520	67,42065	63,79636	59,95273	55,94350
76,43921	73,76258	70,72980	67,38188	63,76484	59,92893	55,92774
76,38286	73,71134	70,68445	67,34316	63,73334	59,90515	55,91199
76,32657	73,66016	70,63917	67,30448	63,70189	59,88139	55,89623
76,27034	73,60904	70,59394	67,26586	63,67048	59,85765	55,88048
76,21418	73,55798	70,54878	67,22729	63,63910	59,83393	55,86474
76,15808	73,50699	70,50366	67,18876	63,60775	59,81024	55,84899
76,10204	73,45605	70,45861	67,15028	63,57644	59,78656	55,83325
76,04607	73,40518	70,41361	67,11185	63,54517	59,76291	55,81751
75,99015	73,35437	70,36866	67,07346	63,51394	59,73927	55,80177
75,93431	73,30362	70,32378	67,03513	63,48273	59,71565	55,78604
75,87852	73,25293	70,27894	66,99684	63,45156	59,69206	55,77030
75,82280	73,20230	70,23417	66,95859	63,42043	59,66848	55,75457
75,76713	73,15173	70,18944	66,92039	63,38933	59,64492	55,73884
75,71154	73,10121	70,14477	66,88224	63,35826	59,62138	55,72310
75,65600	73,05076	70,10015	66,84413	63,32723	59,59785	55,70737
75,60052	73,00037	70,05559	66,80607	63,29623	59,57435	55,69164
75,54511	72,95004	70,01108	66,76805	63,26526	59,55086	55,67591
75,48976	72,89976	69,96662	66,73007	63,23432	59,52738	55,66018
75,43446	72,84954	69,92222	66,69214	63,20341	59,50393	55,64444
75,37924	72,79938	69,87787	66,65425	63,17254	59,48049	55,62871
75,32407	72,74928	69,83357	66,61640	63,14169	59,45707	55,61298
75,26896	72,69924	69,78932	66,57860	63,11088	59,43366	55,59725
75,21391	72,64925	69,74512	66,54084	63,08010	59,41027	55,58151
75,15893	72,59932	69,70097	66,50312	63,04934	59,38689	55,56578
75,10400	72,54945	69,65688	66,46544	63,01862	59,36354	55,55004
75,04913	72,49963	69,61283	66,42780	62,98793	59,34019	55,53431
74,99433	72,44987	69,56884	66,39021	62,95726	59,31686	55,51857
74,93959	72,40017	69,52489	66,35265	62,92663	59,29355	55,50283
74,88490	72,35053	69,48100	66,31514	62,89602	59,27024	55,48709
74,83028	72,30093	69,43715	66,27767	62,86544	59,24696	55,47135
74,77571	72,25140	69,39335	66,24023	62,83489	59,22369	55,45560
74,72121	72,20192	69,34961	66,20284	62,80437	59,20043	55,43985
74,66676	72,15250	69,30591	66,16548	62,77388	59,17718	55,42411
74,61237	72,10313	69,26225	66,12817	62,74341	59,15395	55,40835
74,55805	72,05381	69,21865	66,09089	62,71297	59,13073	55,39260
74,50378	72,00455	69,17510	66,05365	62,68256	59,10753	55,37684
74,44957	71,95535	69,13159	66,01645	62,65217	59,08433	55,36109
74,39542	71,90620	69,08813	65,97929	62,62181	59,06115	55,34533
74,34133	71,85710	69,04472	65,94217	62,59148	59,03799	55,32956
74,28730	71,80806	69,00135	65,90508	62,56117	59,01483	55,31379
74,23333	71,75907	68,95803	65,86804	62,53089	58,99169	55,29803
74,17941	71,71013	68,91476	65,83102	62,50063	58,96856	55,28225
74,12555	71,66125	68,87154	65,79405	62,47040	58,94544	55,26648
74,07176	71,61242	68,82836	65,75711	62,44019	58,92233	55,25070
74,01802	71,56365	68,78522	65,72021	62,41001	58,89923	55,23492
73,96434	71,51493	68,74213	65,68335	62,37985	58,87615	55,21913
73,91071	71,46626	68,69909	65,64652	62,34972	58,85307	55,20334
73,85715	71,41764	68,65609	65,60973	62,31961	58,83001	55,18755
73,80364	71,36908	68,61314	65,57297	62,28953	58,80696	55,17175
73,75019	71,32056	68,57024	65,53625	62,25947	58,78392	55,15595

73,69680	71,27211	68,52737	65,49956	62,22944	58,76089	55,14015
73,64346	71,22370	68,48456	65,46291	62,19942	58,73787	55,12434
73,59018	71,17534	68,44178	65,42629	62,16943	58,71486	55,10853
73,53696	71,12704	68,39906	65,38971	62,13947	58,69186	55,09271
73,48380	71,07879	68,35637	65,35317	62,10953	58,66887	55,07689
73,43070	71,03059	68,31373	65,31665	62,07961	58,64589	55,06107
73,37765	70,98244	68,27113	65,28018	62,04971	58,62292	55,04524
73,32466	70,93434	68,22858	65,24373	62,01984	58,59996	55,02941
73,27172	70,88629	68,18607	65,20732	61,98999	58,57701	55,01357
73,21884	70,83830	68,14360	65,17094	61,96016	58,55407	54,99773
73,16602	70,79035	68,10118	65,13460	61,93035	58,53114	54,98189
73,11326	70,74246	68,05880	65,09829	61,90057	58,50822	54,96604
73,06055	70,69461	68,01646	65,06201	61,87080	58,48530	54,95019
73,00790	70,64682	67,97417	65,02577	61,84106	58,46240	54,93433
72,95530	70,59908	67,93191	64,98956	61,81134	58,43951	54,91847
72,90277	70,55138	67,88970	64,95338	61,78164	58,41662	54,90260
72,85028	70,50374	67,84753	64,91724	61,75197	58,39374	54,88673
72,79786	70,45615	67,80541	64,88112	61,72231	58,37087	54,87085
72,74549	70,40860	67,76332	64,84504	61,69268	58,34802	54,85497
72,69317	70,36111	67,72128	64,80899	61,66306	58,32516	54,83909
72,64092	70,31367	67,67928	64,77298	61,63347	58,30232	54,82320
72,58871	70,26627	67,63732	64,73699	61,60390	58,27949	54,80730
72,53657	70,21893	67,59540	64,70104	61,57435	58,25666	54,79140
72,48448	70,17163	67,55353	64,66512	61,54482	58,23384	54,77550
72,43244	70,12439	67,51169	64,62923	61,51531	58,21104	54,75959
72,38046	70,07719	67,46990	64,59337	61,48582	58,18823	54,74368
72,32854	70,03004	67,42814	64,55754	61,45635	58,16544	54,72776
72,27667	69,98294	67,38643	64,52174	61,42690	58,14266	54,71184
72,22486	69,93589	67,34476	64,48598	61,39747	58,11988	54,69591
72,17310	69,88889	67,30313	64,45024	61,36806	58,09711	54,67998
72,12140	69,84194	67,26154	64,41454	61,33867	58,07435	54,66404
72,06975	69,79503	67,21999	64,37887	61,30930	58,05159	54,64810
72,01816	69,74818	67,17847	64,34323	61,27994	58,02885	54,63215
71,96662	69,70137	67,13700	64,30761	61,25061	58,00611	54,61620
71,91514	69,65461	67,09557	64,27203	61,22130	57,98338	54,60024
71,86371	69,60790	67,05418	64,23648	61,19201	57,96066	54,58428
71,81234	69,56123	67,01283	64,20096	61,16274	57,93794	54,56832
71,76102	69,51462	66,97152	64,16547	61,13348	57,91523	54,55235
71,70976	69,46805	66,93025	64,13001	61,10425	57,89253	54,53637
71,65855	69,42153	66,88902	64,09458	61,07503	57,86984	54,52039
71,60739	69,37506	66,84783	64,05918	61,04584	57,84715	54,50441
71,55629	69,32864	66,80667	64,02380	61,01666	57,82447	54,48842
71,50525	69,28226	66,76556	63,98846	60,98750	57,80180	54,47242
71,45426	69,23593	66,72448	63,95315	60,95836	57,77914	54,45643
71,40332	69,18965	66,68345	63,91787	60,92924	57,75648	54,44042
71,35244	69,14341	66,64245	63,88261	60,90014	57,73383	54,42441
71,30161	69,09722	66,60149	63,84739	60,87105	57,71119	54,40840
71,25084	69,05108	66,56057	63,81219	60,84199	57,68855	54,39238
71,20012	69,00499	66,51969	63,77703	60,81294	57,66593	54,37636
71,14945	68,95895	66,47885	63,74189	60,78391	57,64330	54,36033
71,09884	68,91295	66,43805	63,70678	60,75490	57,62069	54,34430
71,04829	68,86699	66,39729	63,67170	60,72591	57,59808	54,32827
70,99778	68,82109	66,35656	63,63665	60,69694	57,57548	54,31223

70,94733	68,77523	66,31587	63,60163	60,66798	57,55289	54,29618
70,89694	68,72942	66,27522	63,56664	60,63905	57,53031	54,28013
70,84660	68,68365	66,23461	63,53168	60,61013	57,50773	54,26408
70,79631	68,63793	66,19404	63,49674	60,58123	57,48516	54,24802
70,74607	68,59226	66,15350	63,46184	60,55234	57,46259	54,23196
70,69589	68,54664	66,11301	63,42696	60,52348	57,44003	54,21589
70,64577	68,50106	66,07255	63,39211	60,49463	57,41748	54,19982
70,59569	68,45552	66,03213	63,35729	60,46581	57,39494	54,18375
70,54567	68,41004	65,99174	63,32249	60,43700	57,37240	54,16767
70,49570	68,36460	65,95140	63,28773	60,40820	57,34987	54,15158
70,44579	68,31920	65,91109	63,25299	60,37943	57,32735	54,13549
70,39593	68,27385	65,87082	63,21829	60,35067	57,30483	54,11940
70,34612	68,22855	65,83059	63,18361	60,32194	57,28233	54,10331
70,29637	68,18329	65,79040	63,14895	60,29321	57,25982	54,08721
70,24667	68,13808	65,75024	63,11433	60,26451	57,23733	54,07110
70,19702	68,09292	65,71012	63,07973	60,23583	57,21484	54,05500
70,14743	68,04780	65,67004	63,04517	60,20716	57,19236	54,03888
70,09789	68,00273	65,62999	63,01063	60,17851	57,16989	54,02277
70,04840	67,95770	65,58999	62,97612	60,14988	57,14742	54,00665
69,99896	67,91272	65,55002	62,94163	60,12126	57,12496	53,99053
69,94958	67,86778	65,51008	62,90718	60,09267	57,10251	53,97440
69,90025	67,82289	65,47019	62,87275	60,06409	57,08006	53,95827
69,85098	67,77805	65,43033	62,83835	60,03553	57,05763	53,94213
69,80175	67,73325	65,39051	62,80397	60,00698	57,03519	53,92600
69,75258	67,68850	65,35072	62,76963	59,97846	57,01277	53,90986
69,70346	67,64379	65,31097	62,73531	59,94995	56,99035	53,89371
69,65440	67,59913	65,27126	62,70102	59,92146	56,96794	53,87756
69,60539	67,55451	65,23159	62,66676	59,89299	56,94554	53,86141
69,55643	67,50994	65,19195	62,63253	59,86453	56,92315	53,84526
69,50752	67,46541	65,15235	62,59832	59,83609	56,90076	53,82910
69,45867	67,42093	65,11279	62,56414	59,80767	56,87838	53,81294
69,40986	67,37649	65,07327	62,52999	59,77927	56,85601	53,79678
69,36111	67,33210	65,03378	62,49586	59,75089	56,83364	53,78061
69,31242	67,28775	64,99432	62,46177	59,72252	56,81128	53,76444
69,26377	67,24345	64,95491	62,42770	59,69417	56,78893	53,74827
69,21518	67,19920	64,91553	62,39366	59,66584	56,76659	53,73209

1,20E-05	1,30E-05	1,40E-05	1,50E-05	1,60E-05	1,70E-05	1,80E-05
100,00000	0,00000	0,00000	0,00000	0,00000	0,00000	0,00000
90,00000	10,00000	0,00000	0,00000	0,00000	0,00000	0,00000
82,99300	17,00700	1,00100	0,00000	0,00000	0,00000	0,00000
77,98500	22,01500	2,50450	0,10030	0,00000	0,00000	0,00000
74,32810	25,67190	4,22027	0,33138	0,01006	0,00000	0,00000
71,59675	28,40325	5,98358	0,68957	0,04131	0,00101	0,00000
69,50896	30,49104	7,70473	1,15647	0,10241	0,00496	0,00010
67,87603	32,12397	9,33830	1,70920	0,19865	0,01427	0,00058
66,57029	33,42971	10,86460	2,32535	0,33220	0,03146	0,00190
65,50425	34,49575	12,27844	2,98521	0,50280	0,05880	0,00470
64,61719	35,38281	13,58253	3,67245	0,70848	0,09814	0,00971
63,86631	36,13369	14,78349	4,37404	0,94621	0,15085	0,01773
63,22101	36,77899	15,88966	5,07992	1,21236	0,21781	0,02955
62,65904	37,34096	16,90978	5,78251	1,50313	0,29941	0,04591
62,16396	37,83604	17,85234	6,47626	1,81472	0,39568	0,06749
61,72342	38,27658	18,72523	7,15717	2,14354	0,50630	0,09484
61,32798	38,67202	19,53562	7,82252	2,48628	0,63073	0,12842
60,97035	39,02965	20,28992	8,47048	2,83996	0,76823	0,16855
60,64477	39,35523	20,99381	9,09998	3,20194	0,91796	0,21546
60,34664	39,65336	21,65231	9,71044	3,56990	1,07898	0,26929
60,07226	39,92774	22,26984	10,30170	3,94186	1,25033	0,33004
59,81858	40,18142	22,85031	10,87385	4,31610	1,43103	0,39768
59,58308	40,41692	23,39713	11,42722	4,69116	1,62013	0,47209
59,36367	40,63633	23,91334	11,96224	5,06581	1,81670	0,55310
59,15857	40,84143	24,40163	12,47946	5,43902	2,01987	0,64047
58,96628	41,03372	24,86436	12,97949	5,80994	2,22880	0,73397
58,78550	41,21450	25,30365	13,46295	6,17786	2,44271	0,83331
58,61511	41,38489	25,72138	13,93050	6,54220	2,66088	0,93820
58,45416	41,54584	26,11924	14,38280	6,90249	2,88265	1,04831
58,30178	41,69822	26,49873	14,82050	7,25836	3,10740	1,16335
58,15724	41,84276	26,86121	15,24421	7,60951	3,33458	1,28299
58,01989	41,98011	27,20791	15,65456	7,95572	3,56368	1,40691
57,88915	42,11085	27,53992	16,05214	8,29680	3,79424	1,53480
57,76449	42,23551	27,85826	16,43752	8,63265	4,02585	1,66638
57,64545	42,35455	28,16382	16,81123	8,96318	4,25812	1,80133
57,53163	42,46837	28,45745	17,17380	9,28835	4,49072	1,93938
57,42265	42,57735	28,73988	17,52572	9,60812	4,72334	2,08026
57,31817	42,68183	29,01182	17,86745	9,92251	4,95573	2,22372
57,21790	42,78210	29,27390	18,19945	10,23155	5,18762	2,36950
57,12155	42,87845	29,52670	18,52213	10,53526	5,41882	2,51737
57,02887	42,97113	29,77075	18,83590	10,83372	5,64912	2,66712
56,93964	43,06036	30,00654	19,14112	11,12697	5,87837	2,81853
56,85364	43,14636	30,23454	19,43818	11,41509	6,10640	2,97141

56,77068	43,22932	30,45515	19,72739	11,69817	6,33309	3,12558
56,69059	43,30941	30,66878	20,00910	11,97628	6,55832	3,28086
56,61321	43,38679	30,87578	20,28360	12,24952	6,78199	3,43709
56,53838	43,46162	31,07649	20,55118	12,51799	7,00402	3,59413
56,46596	43,53404	31,27122	20,81211	12,78176	7,22433	3,75183
56,39583	43,60417	31,46027	21,06667	13,04095	7,44285	3,91005
56,32787	43,67213	31,64390	21,31510	13,29564	7,65953	4,06869
56,26197	43,73803	31,82237	21,55762	13,54594	7,87432	4,22761
56,19802	43,80198	31,99592	21,79447	13,79194	8,08719	4,38673
56,13594	43,86406	32,16478	22,02587	14,03373	8,29810	4,54593
56,07563	43,92437	32,32914	22,25200	14,27142	8,50703	4,70513
56,01700	43,98300	32,48921	22,47306	14,50509	8,71395	4,86425
55,95998	44,04002	32,64516	22,68923	14,73485	8,91886	5,02320
55,90450	44,09550	32,79719	22,90070	14,96077	9,12175	5,18191
55,85049	44,14951	32,94544	23,10762	15,18296	9,32260	5,34032
55,79789	44,20211	33,09007	23,31015	15,40149	9,52142	5,49836
55,74663	44,25337	33,23124	23,50845	15,61646	9,71820	5,65599
55,69665	44,30335	33,36906	23,70265	15,82794	9,91296	5,81314
55,64791	44,35209	33,50369	23,89289	16,03603	10,10569	5,96976
55,60036	44,39964	33,63523	24,07931	16,24079	10,29641	6,12582
55,55394	44,44606	33,76380	24,26203	16,44231	10,48513	6,28127
55,50861	44,49139	33,88952	24,44117	16,64067	10,67186	6,43608
55,46433	44,53567	34,01249	24,61684	16,83594	10,85661	6,59022
55,42106	44,57894	34,13281	24,78915	17,02819	11,03940	6,74364
55,37876	44,62124	34,25058	24,95822	17,21749	11,22025	6,89633
55,33740	44,66260	34,36588	25,12413	17,40392	11,39917	7,04825
55,29693	44,70307	34,47879	25,28698	17,58753	11,57619	7,19940
55,25733	44,74267	34,58941	25,44687	17,76839	11,75131	7,34973
55,21857	44,78143	34,69781	25,60389	17,94657	11,92457	7,49925
55,18062	44,81938	34,80406	25,75811	18,12213	12,09598	7,64792
55,14345	44,85655	34,90823	25,90963	18,29513	12,26556	7,79574
55,10703	44,89297	35,01039	26,05852	18,46562	12,43334	7,94269
55,07134	44,92866	35,11061	26,20485	18,63366	12,59934	8,08876
55,03635	44,96365	35,20894	26,34869	18,79931	12,76358	8,23394
55,00204	44,99796	35,30544	26,49012	18,96262	12,92607	8,37822
54,96839	45,03161	35,40018	26,62921	19,12364	13,08685	8,52160
54,93538	45,06462	35,49320	26,76601	19,28243	13,24594	8,66407
54,90299	45,09701	35,58456	26,90059	19,43903	13,40335	8,80561
54,87119	45,12881	35,67431	27,03301	19,59349	13,55911	8,94624
54,83998	45,16002	35,76248	27,16332	19,74585	13,71325	9,08594
54,80932	45,19068	35,84914	27,29158	19,89617	13,86578	9,22471
54,77921	45,22079	35,93432	27,41785	20,04448	14,01673	9,36256
54,74964	45,25036	36,01806	27,54217	20,19082	14,16612	9,49947
54,72057	45,27943	36,10041	27,66460	20,33525	14,31397	9,63546
54,69201	45,30799	36,18140	27,78517	20,47780	14,46030	9,77052
54,66393	45,33607	36,26107	27,90395	20,61850	14,60513	9,90465
54,63632	45,36368	36,33946	28,02097	20,75741	14,74849	10,03785
54,60916	45,39084	36,41660	28,13628	20,89454	14,89040	10,17013
54,58246	45,41754	36,49252	28,24991	21,02995	15,03087	10,30149
54,55618	45,44382	36,56726	28,36192	21,16366	15,16993	10,43193
54,53033	45,46967	36,64085	28,47232	21,29572	15,30760	10,56145
54,50489	45,49511	36,71331	28,58118	21,42614	15,44389	10,69006
54,47984	45,52015	36,78468	28,68851	21,55497	15,57884	10,81777

54,45519	45,54481	36,85498	28,79436	21,68224	15,71245	10,94457
54,43091	45,56908	36,92423	28,89877	21,80798	15,84474	11,07048
54,40701	45,59299	36,99248	29,00175	21,93221	15,97574	11,19549
54,38346	45,61654	37,05973	29,10335	22,05497	16,10547	11,31962
54,36026	45,63974	37,12602	29,20359	22,17629	16,23394	11,44286
54,33741	45,66259	37,19136	29,30252	22,29619	16,36117	11,56523
54,31488	45,68511	37,25579	29,40014	22,41470	16,48718	11,68672
54,29269	45,70731	37,31931	29,49650	22,53185	16,61198	11,80736
54,27081	45,72919	37,38196	29,59162	22,64765	16,73560	11,92713
54,24924	45,75076	37,44375	29,68553	22,76215	16,85805	12,04605
54,22797	45,77202	37,50470	29,77825	22,87536	16,97934	12,16412
54,20700	45,79299	37,56483	29,86981	22,98730	17,09950	12,28136
54,18632	45,81368	37,62416	29,96023	23,09800	17,21854	12,39776
54,16591	45,83408	37,68271	30,04954	23,20748	17,33647	12,51333
54,14579	45,85420	37,74050	30,13776	23,31576	17,45332	12,62809
54,12593	45,87406	37,79753	30,22491	23,42287	17,56910	12,74203
54,10634	45,89365	37,85383	30,31101	23,52882	17,68381	12,85516
54,08700	45,91298	37,90942	30,39608	23,63364	17,79749	12,96750
54,06791	45,93207	37,96430	30,48015	23,73734	17,91013	13,07904
54,04907	45,95090	38,01850	30,56323	23,83995	18,02177	13,18979
54,03048	45,96950	38,07203	30,64535	23,94149	18,13240	13,29977
54,01211	45,98786	38,12489	30,72651	24,04196	18,24205	13,40897
53,99398	46,00599	38,17712	30,80675	24,14140	18,35073	13,51741
53,97607	46,02389	38,22871	30,88608	24,23982	18,45845	13,62509
53,95839	46,04157	38,27968	30,96451	24,33723	18,56522	13,73202
53,94092	46,05904	38,33004	31,04207	24,43366	18,67107	13,83820
53,92366	46,07629	38,37981	31,11876	24,52911	18,77599	13,94365
53,90661	46,09334	38,42900	31,19461	24,62361	18,88001	14,04836
53,88976	46,11018	38,47762	31,26963	24,71718	18,98313	14,15235
53,87311	46,12682	38,52568	31,34383	24,80982	19,08538	14,25562
53,85666	46,14327	38,57319	31,41723	24,90155	19,18675	14,35817
53,84040	46,15952	38,62016	31,48985	24,99238	19,28727	14,46003
53,82432	46,17559	38,66660	31,56170	25,08234	19,38694	14,56118
53,80843	46,19147	38,71253	31,63279	25,17144	19,48577	14,66165
53,79272	46,20717	38,75794	31,70314	25,25968	19,58378	14,76143
53,77718	46,22269	38,80286	31,77276	25,34709	19,68098	14,86053
53,76182	46,23804	38,84728	31,84166	25,43367	19,77738	14,95896
53,74663	46,25322	38,89123	31,90985	25,51944	19,87298	15,05673
53,73161	46,26823	38,93470	31,97735	25,60441	19,96781	15,15383
53,71675	46,28308	38,97771	32,04417	25,68860	20,06186	15,25029
53,70205	46,29776	39,02026	32,11031	25,77201	20,15515	15,34609
53,68750	46,31229	39,06237	32,17580	25,85466	20,24769	15,44126
53,67312	46,32665	39,10404	32,24064	25,93656	20,33949	15,53579
53,65888	46,34087	39,14527	32,30484	26,01772	20,43056	15,62970
53,64479	46,35494	39,18608	32,36842	26,09815	20,52091	15,72298
53,63085	46,36885	39,22648	32,43138	26,17786	20,61055	15,81565
53,61705	46,38263	39,26646	32,49373	26,25687	20,69948	15,90771
53,60340	46,39626	39,30604	32,55549	26,33518	20,78772	15,99917
53,58988	46,40974	39,34523	32,61666	26,41280	20,87527	16,09002
53,57650	46,42310	39,38402	32,67725	26,48975	20,96214	16,18029
53,56325	46,43631	39,42244	32,73728	26,56603	21,04835	16,26997
53,55013	46,44939	39,46047	32,79674	26,64165	21,13389	16,35907
53,53714	46,46234	39,49814	32,85566	26,71663	21,21879	16,44759

53,52428	46,47517	39,53544	32,91403	26,79097	21,30304	16,53555
53,51154	46,48786	39,57238	32,97187	26,86468	21,38665	16,62294
53,49892	46,50043	39,60897	33,02918	26,93778	21,46964	16,70977
53,48643	46,51288	39,64522	33,08598	27,01026	21,55200	16,79605
53,47405	46,52520	39,68112	33,14226	27,08213	21,63376	16,88178
53,46179	46,53741	39,71669	33,19804	27,15342	21,71490	16,96697
53,44964	46,54950	39,75192	33,25333	27,22411	21,79545	17,05162
53,43760	46,56148	39,78683	33,30814	27,29423	21,87541	17,13575
53,42568	46,57334	39,82142	33,36246	27,36378	21,95479	17,21934
53,41386	46,58509	39,85569	33,41631	27,43277	22,03359	17,30241
53,40215	46,59672	39,88965	33,46969	27,50120	22,11181	17,38497
53,39054	46,60825	39,92331	33,52261	27,56909	22,18948	17,46701
53,37904	46,61968	39,95666	33,57509	27,63643	22,26659	17,54855
53,36764	46,63099	39,98972	33,62711	27,70324	22,34315	17,62959
53,35633	46,64221	40,02249	33,67870	27,76953	22,41917	17,71013
53,34513	46,65332	40,05496	33,72985	27,83530	22,49465	17,79018
53,33402	46,66433	40,08715	33,78057	27,90055	22,56960	17,86974
53,32300	46,67524	40,11906	33,83088	27,96530	22,64402	17,94882
53,31208	46,68605	40,15070	33,88077	28,02956	22,71793	18,02741
53,30125	46,69676	40,18206	33,93025	28,09332	22,79132	18,10554
53,29051	46,70738	40,21316	33,97932	28,15659	22,86421	18,18320
53,27985	46,71791	40,24399	34,02800	28,21939	22,93660	18,26039
53,26929	46,72834	40,27456	34,07628	28,28171	23,00849	18,33712
53,25880	46,73868	40,30487	34,12417	28,34356	23,07989	18,41340
53,24841	46,74893	40,33493	34,17169	28,40495	23,15081	18,48922
53,23809	46,75909	40,36474	34,21882	28,46589	23,22125	18,56460
53,22786	46,76917	40,39430	34,26559	28,52637	23,29122	18,63953
53,21770	46,77915	40,42362	34,31198	28,58641	23,36072	18,71403
53,20763	46,78905	40,45270	34,35801	28,64601	23,42975	18,78809
53,19763	46,79886	40,48154	34,40369	28,70518	23,49833	18,86172
53,18771	46,80859	40,51015	34,44901	28,76392	23,56646	18,93492
53,17786	46,81824	40,53853	34,49398	28,82224	23,63414	19,00770
53,16808	46,82781	40,56668	34,53861	28,88014	23,70138	19,08006
53,15838	46,83729	40,59461	34,58290	28,93762	23,76818	19,15201
53,14875	46,84670	40,62232	34,62685	28,99470	23,83454	19,22355
53,13918	46,85602	40,64980	34,67048	29,05137	23,90048	19,29467
53,12969	46,86527	40,67707	34,71377	29,10765	23,96599	19,36540
53,12026	46,87444	40,70413	34,75674	29,16353	24,03109	19,43573
53,11090	46,88353	40,73098	34,79940	29,21902	24,09577	19,50566
53,10160	46,89255	40,75762	34,84173	29,27413	24,16004	19,57519
53,09237	46,90150	40,78405	34,88376	29,32885	24,22390	19,64434
53,08320	46,91037	40,81028	34,92548	29,38321	24,28737	19,71310
53,07409	46,91916	40,83631	34,96690	29,43719	24,35043	19,78149
53,06504	46,92789	40,86214	35,00801	29,49080	24,41310	19,84949
53,05606	46,93654	40,88778	35,04883	29,54405	24,47539	19,91712
53,04713	46,94512	40,91323	35,08936	29,59694	24,53729	19,98438
53,03826	46,95363	40,93848	35,12960	29,64948	24,59880	20,05127
53,02944	46,96207	40,96355	35,16955	29,70166	24,65994	20,11779
53,02068	46,97045	40,98842	35,20922	29,75350	24,72071	20,18395
53,01197	46,97875	41,01312	35,24861	29,80500	24,78111	20,24976
53,00332	46,98699	41,03763	35,28772	29,85616	24,84114	20,31521
52,99472	46,99516	41,06197	35,32656	29,90698	24,90081	20,38031
52,98617	47,00327	41,08612	35,36513	29,95747	24,96013	20,44506

52,97767	47,01131	41,11010	35,40344	30,00763	25,01908	20,50947
52,96923	47,01928	41,13391	35,44148	30,05747	25,07769	20,57353
52,96083	47,02719	41,15754	35,47926	30,10698	25,13595	20,63725
52,95247	47,03504	41,18101	35,51678	30,15618	25,19387	20,70064
52,94417	47,04282	41,20430	35,55405	30,20507	25,25144	20,76369
52,93591	47,05054	41,22743	35,59106	30,25364	25,30868	20,82642
52,92770	47,05820	41,25040	35,62783	30,30191	25,36559	20,88881
52,91953	47,06579	41,27320	35,66435	30,34987	25,42216	20,95089
52,91140	47,07333	41,29584	35,70063	30,39753	25,47841	21,01264
52,90332	47,08080	41,31833	35,73666	30,44490	25,53433	21,07407
52,89528	47,08822	41,34065	35,77246	30,49197	25,58993	21,13518
52,88728	47,09557	41,36282	35,80802	30,53874	25,64522	21,19599
52,87932	47,10286	41,38484	35,84335	30,58523	25,70019	21,25648
52,87139	47,11010	41,40670	35,87844	30,63144	25,75485	21,31666
52,86351	47,11728	41,42841	35,91331	30,67736	25,80920	21,37654
52,85567	47,12440	41,44998	35,94795	30,72300	25,86324	21,43612
52,84786	47,13146	41,47139	35,98237	30,76837	25,91698	21,49539
52,84009	47,13846	41,49266	36,01657	30,81346	25,97043	21,55437
52,83235	47,14541	41,51378	36,05055	30,85828	26,02357	21,61306
52,82465	47,15230	41,53476	36,08431	30,90283	26,07642	21,67145
52,81698	47,15914	41,55560	36,11785	30,94711	26,12898	21,72955
52,80934	47,16592	41,57630	36,15119	30,99113	26,18126	21,78737
52,80174	47,17264	41,59686	36,18431	31,03489	26,23324	21,84490
52,79417	47,17931	41,61728	36,21723	31,07840	26,28494	21,90215
52,78663	47,18593	41,63756	36,24994	31,12164	26,33637	21,95912
52,77912	47,19249	41,65771	36,28244	31,16464	26,38751	22,01581
52,77164	47,19899	41,67772	36,31475	31,20738	26,43838	22,07223
52,76419	47,20545	41,69760	36,34685	31,24988	26,48898	22,12837
52,75677	47,21185	41,71735	36,37876	31,29213	26,53930	22,18425
52,74937	47,21819	41,73697	36,41046	31,33414	26,58936	22,23985
52,74200	47,22449	41,75646	36,44198	31,37590	26,63915	22,29519
52,73466	47,23073	41,77582	36,47330	31,41743	26,68868	22,35027
52,72735	47,23692	41,79506	36,50444	31,45872	26,73795	22,40508
52,72005	47,24305	41,81417	36,53538	31,49978	26,78696	22,45964
52,71279	47,24914	41,83315	36,56614	31,54060	26,83572	22,51394
52,70554	47,25517	41,85201	36,59671	31,58120	26,88422	22,56798
52,69832	47,26115	41,87075	36,62710	31,62156	26,93247	22,62177
52,69112	47,26709	41,88937	36,65730	31,66171	26,98047	22,67531
52,68395	47,27297	41,90786	36,68733	31,70163	27,02823	22,72860
52,67679	47,27880	41,92624	36,71718	31,74132	27,07574	22,78165
52,66965	47,28458	41,94450	36,74685	31,78080	27,12300	22,83445
52,66254	47,29031	41,96264	36,77635	31,82006	27,17003	22,88700
52,65544	47,29599	41,98066	36,80567	31,85911	27,21682	22,93932
52,64836	47,30162	41,99857	36,83482	31,89794	27,26338	22,99140
52,64131	47,30720	42,01637	36,86380	31,93656	27,30969	23,04324
52,63426	47,31274	42,03405	36,89262	31,97497	27,35578	23,09485
52,62724	47,31822	42,05162	36,92126	32,01317	27,40164	23,14623
52,62023	47,32365	42,06907	36,94974	32,05117	27,44727	23,19737
52,61324	47,32904	42,08642	36,97806	32,08896	27,49267	23,24829
52,60626	47,33438	42,10366	37,00621	32,12656	27,53785	23,29898
52,59930	47,33967	42,12078	37,03420	32,16395	27,58281	23,34944
52,59235	47,34491	42,13780	37,06203	32,20114	27,62755	23,39968
52,58542	47,35010	42,15472	37,08970	32,23814	27,67207	23,44970

52,57850	47,35525	42,17152	37,11721	32,27494	27,71637	23,49950
52,57159	47,36035	42,18822	37,14457	32,31154	27,76046	23,54908
52,56469	47,36540	42,20481	37,17178	32,34796	27,80434	23,59844
52,55781	47,37040	42,22130	37,19883	32,38418	27,84800	23,64759
52,55093	47,37536	42,23769	37,22572	32,42022	27,89146	23,69653
52,54407	47,38027	42,25398	37,25247	32,45607	27,93470	23,74526
52,53722	47,38513	42,27016	37,27907	32,49174	27,97775	23,79378
52,53037	47,38995	42,28624	37,30552	32,52722	28,02058	23,84208
52,52354	47,39472	42,30222	37,33182	32,56252	28,06322	23,89019
52,51672	47,39945	42,31810	37,35797	32,59764	28,10566	23,93809
52,50990	47,40412	42,33388	37,38399	32,63257	28,14789	23,98578
52,50309	47,40875	42,34957	37,40985	32,66734	28,18993	24,03328
52,49629	47,41334	42,36515	37,43558	32,70192	28,23178	24,08058
52,48949	47,41788	42,38064	37,46116	32,73633	28,27343	24,12767
52,48271	47,42237	42,39604	37,48661	32,77057	28,31488	24,17458
52,47592	47,42682	42,41133	37,51191	32,80464	28,35615	24,22128
52,46915	47,43122	42,42654	37,53708	32,83853	28,39723	24,26780
52,46238	47,43558	42,44164	37,56211	32,87226	28,43812	24,31412
52,45561	47,43989	42,45666	37,58700	32,90582	28,47882	24,36025
52,44885	47,44416	42,47158	37,61176	32,93921	28,51934	24,40619
52,44209	47,44838	42,48641	37,63639	32,97244	28,55967	24,45195
52,43533	47,45256	42,50115	37,66088	33,00550	28,59983	24,49752
52,42858	47,45669	42,51579	37,68524	33,03841	28,63980	24,54290
52,42183	47,46078	42,53035	37,70948	33,07115	28,67960	24,58810
52,41508	47,46482	42,54481	37,73358	33,10373	28,71921	24,63312
52,40833	47,46882	42,55919	37,75755	33,13615	28,75865	24,67796
52,40159	47,47277	42,57347	37,78139	33,16842	28,79792	24,72262
52,39485	47,47668	42,58767	37,80511	33,20053	28,83701	24,76711
52,38810	47,48055	42,60178	37,82871	33,23249	28,87593	24,81142
52,38136	47,48437	42,61581	37,85217	33,26429	28,91468	24,85555
52,37462	47,48814	42,62974	37,87552	33,29594	28,95327	24,89951
52,36787	47,49188	42,64359	37,89874	33,32744	28,99168	24,94330
52,36113	47,49557	42,65736	37,92184	33,35878	29,02993	24,98691
52,35438	47,49921	42,67104	37,94481	33,38998	29,06801	25,03036
52,34764	47,50281	42,68463	37,96767	33,42104	29,10592	25,07364
52,34089	47,50637	42,69815	37,99041	33,45194	29,14368	25,11675
52,33414	47,50988	42,71157	38,01303	33,48270	29,18127	25,15970
52,32738	47,51335	42,72492	38,03553	33,51332	29,21871	25,20248
52,32063	47,51678	42,73818	38,05791	33,54379	29,25598	25,24510
52,31387	47,52016	42,75136	38,08018	33,57412	29,29310	25,28756
52,30710	47,52350	42,76445	38,10233	33,60431	29,33006	25,32986
52,30034	47,52680	42,77747	38,12437	33,63436	29,36686	25,37200
52,29356	47,53005	42,79041	38,14629	33,66427	29,40351	25,41398
52,28679	47,53327	42,80326	38,16811	33,69405	29,44001	25,45580
52,28001	47,53643	42,81604	38,18980	33,72368	29,47635	25,49747
52,27322	47,53956	42,82873	38,21139	33,75318	29,51255	25,53898
52,26643	47,54264	42,84135	38,23287	33,78255	29,54859	25,58034
52,25963	47,54568	42,85389	38,25424	33,81178	29,58449	25,62154
52,25283	47,54868	42,86635	38,27550	33,84088	29,62024	25,66260
52,24602	47,55163	42,87873	38,29664	33,86984	29,65584	25,70350
52,23920	47,55454	42,89104	38,31769	33,89868	29,69130	25,74426
52,23238	47,55741	42,90327	38,33862	33,92738	29,72661	25,78487
52,22555	47,56024	42,91542	38,35945	33,95596	29,76178	25,82533

52,21871	47,56302	42,92749	38,38018	33,98441	29,79681	25,86564
52,21186	47,56577	42,93950	38,40079	34,01273	29,83170	25,90581
52,20501	47,56847	42,95142	38,42131	34,04092	29,86644	25,94584
52,19814	47,57112	42,96327	38,44172	34,06899	29,90105	25,98572
52,19127	47,57374	42,97505	38,46203	34,09694	29,93552	26,02547
52,18439	47,57631	42,98675	38,48223	34,12476	29,96986	26,06507
52,17750	47,57884	42,99838	38,50234	34,15246	30,00406	26,10453
52,17061	47,58133	43,00993	38,52234	34,18003	30,03812	26,14385
52,16370	47,58378	43,02142	38,54225	34,20749	30,07205	26,18304
52,15678	47,58619	43,03283	38,56205	34,23482	30,10584	26,22209
52,14985	47,58855	43,04416	38,58176	34,26204	30,13951	26,26100
52,14292	47,59088	43,05543	38,60137	34,28914	30,17304	26,29978
52,13597	47,59316	43,06662	38,62087	34,31611	30,20644	26,33843
52,12901	47,59540	43,07775	38,64029	34,34298	30,23972	26,37694
52,12204	47,59760	43,08880	38,65960	34,36972	30,27286	26,41533
52,11506	47,59976	43,09978	38,67883	34,39635	30,30588	26,45358
52,10807	47,60187	43,11070	38,69795	34,42287	30,33877	26,49170
52,10106	47,60395	43,12154	38,71698	34,44927	30,37154	26,52969
52,09405	47,60598	43,13231	38,73592	34,47556	30,40418	26,56756
52,08702	47,60798	43,14302	38,75476	34,50174	30,43670	26,60529
52,07998	47,60993	43,15365	38,77351	34,52780	30,46909	26,64290
52,07293	47,61184	43,16422	38,79217	34,55376	30,50137	26,68039
52,06586	47,61371	43,17472	38,81074	34,57960	30,53352	26,71775
52,05879	47,61554	43,18515	38,82921	34,60534	30,56555	26,75499
52,05169	47,61733	43,19552	38,84760	34,63097	30,59746	26,79210
52,04459	47,61908	43,20581	38,86589	34,65649	30,62925	26,82910
52,03747	47,62079	43,21605	38,88410	34,68190	30,66093	26,86597
52,03034	47,62246	43,22621	38,90222	34,70720	30,69249	26,90272
52,02320	47,62408	43,23631	38,92024	34,73240	30,72393	26,93936
52,01604	47,62567	43,24634	38,93818	34,75750	30,75525	26,97587
52,00887	47,62722	43,25631	38,95604	34,78249	30,78647	27,01227
52,00169	47,62872	43,26621	38,97380	34,80738	30,81756	27,04855
51,99449	47,63019	43,27605	38,99148	34,83216	30,84855	27,08471
51,98727	47,63162	43,28582	39,00907	34,85684	30,87942	27,12076
51,98004	47,63300	43,29553	39,02658	34,88142	30,91018	27,15669
51,97280	47,63435	43,30518	39,04401	34,90590	30,94083	27,19251
51,96554	47,63566	43,31476	39,06135	34,93028	30,97137	27,22822
51,95827	47,63692	43,32428	39,07860	34,95456	31,00180	27,26382
51,95098	47,63815	43,33373	39,09577	34,97874	31,03212	27,29930
51,94368	47,63934	43,34312	39,11286	35,00282	31,06233	27,33468
51,93636	47,64049	43,35245	39,12987	35,02681	31,09244	27,36994
51,92902	47,64160	43,36172	39,14679	35,05069	31,12244	27,40509
51,92167	47,64267	43,37093	39,16363	35,07448	31,15233	27,44014
51,91431	47,64370	43,38007	39,18040	35,09818	31,18212	27,47508
51,90692	47,64469	43,38915	39,19708	35,12178	31,21181	27,50991
51,89953	47,64564	43,39818	39,21368	35,14528	31,24139	27,54464
51,89211	47,64656	43,40714	39,23020	35,16869	31,27087	27,57925
51,88468	47,64743	43,41604	39,24664	35,19201	31,30024	27,61377
51,87723	47,64826	43,42488	39,26301	35,21523	31,32952	27,64818
51,86977	47,64906	43,43366	39,27929	35,23836	31,35869	27,68249
51,86229	47,64982	43,44238	39,29550	35,26140	31,38776	27,71669
51,85479	47,65054	43,45104	39,31163	35,28435	31,41673	27,75079
51,84728	47,65122	43,45964	39,32768	35,30721	31,44561	27,78480

51,83975	47,65186	43,46819	39,34366	35,32998	31,47438	27,81870
51,83220	47,65247	43,47667	39,35956	35,35265	31,50306	27,85250
51,82464	47,65303	43,48510	39,37539	35,37524	31,53164	27,88620
51,81706	47,65356	43,49347	39,39114	35,39774	31,56012	27,91980
51,80946	47,65405	43,50178	39,40681	35,42016	31,58851	27,95330
51,80184	47,65450	43,51003	39,42241	35,44248	31,61680	27,98671
51,79421	47,65492	43,51823	39,43794	35,46472	31,64500	28,02002
51,78656	47,65529	43,52637	39,45339	35,48687	31,67310	28,05323
51,77889	47,65563	43,53445	39,46877	35,50894	31,70111	28,08635
51,77120	47,65593	43,54247	39,48407	35,53092	31,72903	28,11937
51,76350	47,65619	43,55044	39,49931	35,55281	31,75685	28,15230
51,75578	47,65642	43,55836	39,51447	35,57462	31,78459	28,18513
51,74804	47,65661	43,56621	39,52956	35,59635	31,81223	28,21787
51,74028	47,65676	43,57401	39,54458	35,61800	31,83978	28,25052
51,73251	47,65687	43,58176	39,55952	35,63956	31,86724	28,28308
51,72471	47,65695	43,58945	39,57440	35,66104	31,89461	28,31554
51,71690	47,65699	43,59709	39,58921	35,68243	31,92189	28,34792
51,70907	47,65699	43,60467	39,60395	35,70375	31,94909	28,38020
51,70122	47,65695	43,61220	39,61861	35,72498	31,97619	28,41239
51,69336	47,65688	43,61967	39,63321	35,74614	32,00321	28,44450
51,68547	47,65678	43,62709	39,64774	35,76721	32,03014	28,47651
51,67757	47,65663	43,63446	39,66221	35,78821	32,05699	28,50844
51,66965	47,65645	43,64177	39,67660	35,80912	32,08375	28,54028
51,66171	47,65623	43,64903	39,69093	35,82996	32,11042	28,57204
51,65376	47,65598	43,65624	39,70518	35,85072	32,13701	28,60370
51,64578	47,65569	43,66339	39,71938	35,87140	32,16352	28,63528
51,63779	47,65537	43,67049	39,73350	35,89201	32,18994	28,66678
51,62977	47,65501	43,67754	39,74756	35,91254	32,21628	28,69819
51,62174	47,65461	43,68454	39,76156	35,93299	32,24254	28,72951
51,61369	47,65418	43,69149	39,77548	35,95336	32,26871	28,76076
51,60562	47,65371	43,69838	39,78935	35,97366	32,29480	28,79191
51,59754	47,65320	43,70522	39,80315	35,99389	32,32082	28,82299
51,58943	47,65266	43,71202	39,81688	36,01404	32,34675	28,85398
51,58131	47,65209	43,71876	39,83055	36,03412	32,37260	28,88489
51,57316	47,65148	43,72545	39,84416	36,05412	32,39837	28,91572
51,56500	47,65083	43,73209	39,85770	36,07405	32,42406	28,94647
51,55682	47,65015	43,73868	39,87118	36,09390	32,44967	28,97714
51,54862	47,64944	43,74522	39,88460	36,11369	32,47520	29,00773
51,54040	47,64869	43,75171	39,89795	36,13340	32,50066	29,03824
51,53217	47,64790	43,75815	39,91124	36,15304	32,52604	29,06867
51,52391	47,64708	43,76454	39,92447	36,17261	32,55134	29,09902
51,51564	47,64623	43,77088	39,93764	36,19211	32,57656	29,12930
51,50735	47,64534	43,77717	39,95075	36,21153	32,60171	29,15949
51,49904	47,64442	43,78342	39,96380	36,23089	32,62679	29,18961
51,49071	47,64346	43,78962	39,97678	36,25018	32,65178	29,21965
51,48236	47,64247	43,79576	39,98971	36,26940	32,67671	29,24962
51,47399	47,64145	43,80186	40,00257	36,28855	32,70156	29,27951
51,46560	47,64039	43,80792	40,01538	36,30763	32,72633	29,30932
51,45720	47,63930	43,81392	40,02813	36,32664	32,75103	29,33906
51,44878	47,63817	43,81988	40,04082	36,34558	32,77566	29,36873
51,44033	47,63701	43,82579	40,05345	36,36446	32,80021	29,39832
51,43187	47,63582	43,83165	40,06602	36,38327	32,82470	29,42784
51,42339	47,63460	43,83747	40,07853	36,40202	32,84911	29,45728

51,41490	47,63334	43,84324	40,09098	36,42069	32,87345	29,48665
51,40638	47,63205	43,84896	40,10338	36,43930	32,89772	29,51595
51,39784	47,63072	43,85464	40,11572	36,45785	32,92191	29,54518
51,38929	47,62936	43,86027	40,12801	36,47633	32,94604	29,57433
51,38072	47,62797	43,86586	40,14023	36,49475	32,97010	29,60341
51,37213	47,62655	43,87140	40,15240	36,51310	32,99409	29,63243
51,36352	47,62510	43,87690	40,16452	36,53138	33,01801	29,66137
51,35489	47,62361	43,88235	40,17657	36,54961	33,04186	29,69024
51,34624	47,62209	43,88775	40,18858	36,56776	33,06564	29,71904
51,33758	47,62054	43,89311	40,20053	36,58586	33,08935	29,74778
51,32890	47,61895	43,89843	40,21242	36,60389	33,11300	29,77644
51,32020	47,61734	43,90370	40,22426	36,62186	33,13658	29,80504
51,31148	47,61569	43,90893	40,23604	36,63977	33,16009	29,83356
51,30274	47,61401	43,91411	40,24777	36,65762	33,18353	29,86202
51,29398	47,61230	43,91926	40,25944	36,67540	33,20691	29,89042
51,28521	47,61056	43,92435	40,27107	36,69313	33,23023	29,91874
51,27642	47,60878	43,92941	40,28264	36,71079	33,25348	29,94700
51,26761	47,60698	43,93442	40,29415	36,72839	33,27666	29,97519
51,25878	47,60514	43,93939	40,30561	36,74594	33,29978	30,00332
51,24993	47,60328	43,94431	40,31702	36,76342	33,32283	30,03138
51,24107	47,60138	43,94920	40,32838	36,78084	33,34582	30,05937
51,23219	47,59945	43,95404	40,33969	36,79820	33,36875	30,08730
51,22329	47,59749	43,95883	40,35094	36,81551	33,39161	30,11517
51,21437	47,59550	43,96359	40,36215	36,83275	33,41441	30,14297
51,20543	47,59348	43,96831	40,37330	36,84994	33,43715	30,17071
51,19648	47,59143	43,97298	40,38440	36,86707	33,45982	30,19838
51,18751	47,58936	43,97761	40,39545	36,88414	33,48243	30,22599
51,17852	47,58725	43,98220	40,40645	36,90115	33,50498	30,25354
51,16951	47,58511	43,98676	40,41740	36,91811	33,52747	30,28102
51,16049	47,58294	43,99127	40,42830	36,93501	33,54990	30,30845
51,15145	47,58074	43,99573	40,43915	36,95185	33,57227	30,33581
51,14239	47,57851	44,00016	40,44995	36,96864	33,59458	30,36310
51,13332	47,57625	44,00455	40,46070	36,98537	33,61682	30,39034
51,12422	47,57397	44,00890	40,47140	37,00205	33,63901	30,41752
51,11511	47,57165	44,01321	40,48205	37,01867	33,66114	30,44463
51,10599	47,56931	44,01748	40,49266	37,03523	33,68321	30,47169
51,09684	47,56693	44,02171	40,50322	37,05174	33,70521	30,49868
51,08768	47,56453	44,02590	40,51372	37,06820	33,72717	30,52562
51,07850	47,56210	44,03005	40,52418	37,08460	33,74906	30,55249
51,06931	47,55964	44,03417	40,53460	37,10094	33,77089	30,57931
51,06009	47,55716	44,03824	40,54496	37,11724	33,79267	30,60607
51,05087	47,55464	44,04228	40,55528	37,13348	33,81439	30,63277
51,04162	47,55210	44,04628	40,56556	37,14966	33,83605	30,65941
51,03236	47,54953	44,05024	40,57578	37,16580	33,85766	30,68599
51,02308	47,54693	44,05416	40,58596	37,18188	33,87920	30,71251
51,01378	47,54430	44,05804	40,59609	37,19791	33,90070	30,73898
51,00447	47,54165	44,06189	40,60618	37,21388	33,92213	30,76539
50,99514	47,53896	44,06570	40,61622	37,22981	33,94351	30,79174
50,98580	47,53626	44,06947	40,62622	37,24568	33,96484	30,81804
50,97644	47,53352	44,07320	40,63617	37,26150	33,98611	30,84428
50,96706	47,53076	44,07690	40,64608	37,27727	34,00732	30,87046
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50,94826	47,52515	44,08419	40,66576	37,30866	34,04959	30,92266

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50,92940	47,51944	44,09133	40,68526	37,33985	34,09164	30,97464
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50,91047	47,51362	44,09833	40,70458	37,37083	34,13348	31,02639
50,90099	47,51067	44,10178	40,71418	37,38625	34,15432	31,05219
50,89148	47,50769	44,10519	40,72373	37,40162	34,17510	31,07793
50,88197	47,50469	44,10856	40,73324	37,41694	34,19583	31,10362
50,87243	47,50167	44,11190	40,74271	37,43222	34,21652	31,12926
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50,85332	47,49554	44,11848	40,76152	37,46262	34,25772	31,18037
50,84374	47,49244	44,12171	40,77086	37,47775	34,27825	31,20585
50,83415	47,48931	44,12491	40,78016	37,49283	34,29872	31,23127
50,82454	47,48616	44,12808	40,78942	37,50786	34,31914	31,25664
50,81492	47,48298	44,13122	40,79864	37,52284	34,33951	31,28196
50,80528	47,47978	44,13431	40,80781	37,53778	34,35984	31,30723
50,79563	47,47655	44,13738	40,81695	37,55268	34,38011	31,33244
50,78596	47,47330	44,14041	40,82604	37,56752	34,40033	31,35761
50,77628	47,47002	44,14341	40,83509	37,58232	34,42050	31,38272
50,76658	47,46672	44,14638	40,84410	37,59707	34,44062	31,40778
50,75687	47,46339	44,14931	40,85307	37,61178	34,46069	31,43279
50,74715	47,46005	44,15221	40,86200	37,62644	34,48072	31,45775
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50,72766	47,45328	44,15792	40,87975	37,65563	34,52061	31,50752
50,71789	47,44986	44,16072	40,88856	37,67016	34,54049	31,53233
50,70811	47,44641	44,16349	40,89733	37,68464	34,56032	31,55709
50,69832	47,44295	44,16623	40,90606	37,69907	34,58010	31,58180
50,68851	47,43945	44,16893	40,91476	37,71347	34,59983	31,60646
50,67869	47,43594	44,17161	40,92342	37,72781	34,61952	31,63107
50,66885	47,43241	44,17425	40,93203	37,74212	34,63915	31,65564
50,65901	47,42885	44,17687	40,94061	37,75638	34,65875	31,68015
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0,00024	0,00001	0,00000	0,00000	0,00000	0,00000	0,00000
0,00067	0,00003	0,00000	0,00000	0,00000	0,00000	0,00000
0,00152	0,00009	0,00000	0,00000	0,00000	0,00000	0,00000
0,00301	0,00023	0,00001	0,00000	0,00000	0,00000	0,00000
0,00542	0,00049	0,00003	0,00000	0,00000	0,00000	0,00000
0,00902	0,00094	0,00008	0,00000	0,00000	0,00000	0,00000
0,01413	0,00167	0,00016	0,00001	0,00000	0,00000	0,00000
0,02106	0,00278	0,00030	0,00003	0,00000	0,00000	0,00000
0,03011	0,00439	0,00052	0,00005	0,00000	0,00000	0,00000
0,04158	0,00661	0,00087	0,00009	0,00001	0,00000	0,00000
0,05572	0,00959	0,00137	0,00016	0,00002	0,00000	0,00000
0,07278	0,01345	0,00209	0,00027	0,00003	0,00000	0,00000
0,09298	0,01834	0,00306	0,00043	0,00005	0,00001	0,00000
0,11647	0,02440	0,00435	0,00066	0,00009	0,00001	0,00000
0,14341	0,03177	0,00603	0,00098	0,00014	0,00002	0,00000
0,17391	0,04056	0,00814	0,00141	0,00021	0,00003	0,00000
0,20804	0,05090	0,01077	0,00198	0,00031	0,00004	0,00001
0,24585	0,06289	0,01399	0,00271	0,00046	0,00007	0,00001
0,28737	0,07665	0,01785	0,00363	0,00065	0,00010	0,00001
0,33258	0,09226	0,02243	0,00479	0,00090	0,00015	0,00002
0,38147	0,10979	0,02780	0,00620	0,00122	0,00021	0,00003
0,43399	0,12932	0,03401	0,00791	0,00163	0,00030	0,00005
0,49008	0,15089	0,04114	0,00995	0,00214	0,00041	0,00007
0,54966	0,17456	0,04925	0,01237	0,00277	0,00055	0,00010
0,61265	0,20035	0,05838	0,01518	0,00353	0,00073	0,00014
0,67894	0,22829	0,06859	0,01844	0,00445	0,00096	0,00019
0,74844	0,25839	0,07992	0,02218	0,00553	0,00124	0,00025
0,82102	0,29066	0,09242	0,02644	0,00681	0,00158	0,00033
0,89658	0,32509	0,10613	0,03124	0,00831	0,00200	0,00043
0,97499	0,36167	0,12108	0,03663	0,01003	0,00249	0,00056
1,05613	0,40039	0,13730	0,04264	0,01201	0,00307	0,00071
1,13988	0,44121	0,15481	0,04930	0,01427	0,00376	0,00090
1,22612	0,48412	0,17364	0,05664	0,01682	0,00455	0,00112
1,31472	0,52908	0,19380	0,06468	0,01969	0,00547	0,00139

1,40556	0,57605	0,21530	0,07345	0,02290	0,00653	0,00171
1,49852	0,62498	0,23815	0,08298	0,02647	0,00774	0,00207
1,59349	0,67584	0,26236	0,09329	0,03042	0,00910	0,00250
1,69034	0,72857	0,28792	0,10440	0,03476	0,01064	0,00300
1,78898	0,78314	0,31485	0,11632	0,03953	0,01237	0,00356
1,88928	0,83948	0,34312	0,12908	0,04473	0,01429	0,00421
1,99115	0,89754	0,37274	0,14269	0,05039	0,01643	0,00495
2,09448	0,95728	0,40369	0,15715	0,05651	0,01879	0,00578
2,19918	1,01863	0,43597	0,17249	0,06313	0,02139	0,00671
2,30514	1,08155	0,46956	0,18871	0,07024	0,02423	0,00776
2,41229	1,14597	0,50444	0,20581	0,07788	0,02734	0,00892
2,52053	1,21185	0,54059	0,22381	0,08604	0,03073	0,01020
2,62977	1,27913	0,57801	0,24270	0,09474	0,03440	0,01163
2,73994	1,34775	0,61666	0,26250	0,10400	0,03837	0,01319
2,85096	1,41766	0,65652	0,28319	0,11382	0,04265	0,01491
2,96276	1,48882	0,69757	0,30478	0,12422	0,04725	0,01678
3,07526	1,56116	0,73980	0,32727	0,13519	0,05217	0,01882
3,18840	1,63465	0,78317	0,35065	0,14676	0,05744	0,02104
3,30212	1,70921	0,82765	0,37493	0,15893	0,06306	0,02343
3,41635	1,78482	0,87323	0,40009	0,17170	0,06904	0,02602
3,53104	1,86142	0,91988	0,42613	0,18507	0,07538	0,02881
3,64612	1,93896	0,96757	0,45304	0,19906	0,08210	0,03180
3,76155	2,01739	1,01627	0,48082	0,21367	0,08921	0,03501
3,87728	2,09669	1,06596	0,50945	0,22890	0,09671	0,03843
3,99326	2,17679	1,11662	0,53893	0,24475	0,10460	0,04209
4,10945	2,25766	1,16821	0,56924	0,26122	0,11290	0,04598
4,22579	2,33925	1,22071	0,60038	0,27831	0,12162	0,05011
4,34226	2,42153	1,27409	0,63234	0,29603	0,13074	0,05449
4,45881	2,50447	1,32832	0,66509	0,31437	0,14029	0,05912
4,57541	2,58801	1,38338	0,69864	0,33333	0,15027	0,06402
4,69202	2,67213	1,43925	0,73297	0,35292	0,16067	0,06918
4,80860	2,75679	1,49590	0,76806	0,37312	0,17151	0,07461
4,92514	2,84195	1,55329	0,80391	0,39394	0,18278	0,08032
5,04159	2,92759	1,61142	0,84049	0,41537	0,19450	0,08631
5,15794	3,01367	1,67025	0,87780	0,43740	0,20666	0,09259
5,27415	3,10016	1,72975	0,91582	0,46005	0,21926	0,09916
5,39020	3,18703	1,78991	0,95454	0,48329	0,23231	0,10603
5,50607	3,27426	1,85070	0,99394	0,50712	0,24580	0,11319
5,62173	3,36181	1,91210	1,03402	0,53155	0,25974	0,12067
5,73717	3,44967	1,97408	1,07475	0,55656	0,27414	0,12844
5,85236	3,53779	2,03663	1,11612	0,58215	0,28898	0,13654
5,96729	3,62617	2,09972	1,15812	0,60831	0,30427	0,14494
6,08193	3,71477	2,16332	1,20073	0,63504	0,32001	0,15366
6,19629	3,80357	2,22743	1,24394	0,66233	0,33619	0,16270
6,31032	3,89256	2,29202	1,28773	0,69017	0,35283	0,17207
6,42404	3,98171	2,35706	1,33210	0,71856	0,36991	0,18175
6,53741	4,07099	2,42254	1,37702	0,74748	0,38743	0,19177
6,65043	4,16040	2,48844	1,42249	0,77694	0,40540	0,20211
6,76309	4,24991	2,55475	1,46849	0,80692	0,42381	0,21278
6,87537	4,33950	2,62144	1,51500	0,83742	0,44266	0,22379
6,98727	4,42916	2,68849	1,56202	0,86842	0,46194	0,23512
7,09878	4,51886	2,75589	1,60952	0,89993	0,48166	0,24679
7,20988	4,60861	2,82363	1,65750	0,93193	0,50180	0,25880

7,32057	4,69837	2,89168	1,70595	0,96442	0,52238	0,27113
7,43084	4,78813	2,96003	1,75484	0,99738	0,54338	0,28381
7,54068	4,87788	3,02866	1,80417	1,03082	0,56480	0,29682
7,65009	4,96761	3,09756	1,85393	1,06472	0,58664	0,31016
7,75906	5,05731	3,16672	1,90410	1,09907	0,60890	0,32384
7,86759	5,14695	3,23612	1,95467	1,13386	0,63157	0,33785
7,97567	5,23653	3,30574	2,00562	1,16910	0,65464	0,35220
8,08329	5,32604	3,37558	2,05696	1,20476	0,67812	0,36688
8,19046	5,41547	3,44561	2,10866	1,24085	0,70199	0,38190
8,29716	5,50480	3,51584	2,16071	1,27734	0,72626	0,39724
8,40340	5,59403	3,58623	2,21311	1,31425	0,75093	0,41292
8,50916	5,68315	3,65679	2,26583	1,35155	0,77598	0,42893
8,61446	5,77214	3,72750	2,31888	1,38925	0,80141	0,44527
8,71929	5,86100	3,79836	2,37224	1,42732	0,82722	0,46194
8,82363	5,94972	3,86934	2,42590	1,46577	0,85341	0,47894
8,92750	6,03830	3,94043	2,47985	1,50459	0,87996	0,49626
9,03089	6,12672	4,01164	2,53407	1,54377	0,90688	0,51390
9,13380	6,21497	4,08294	2,58857	1,58330	0,93416	0,53187
9,23623	6,30306	4,15433	2,64333	1,62317	0,96180	0,55016
9,33817	6,39097	4,22580	2,69834	1,66338	0,98978	0,56876
9,43963	6,47870	4,29734	2,75359	1,70392	1,01812	0,58768
9,54060	6,56624	4,36894	2,80907	1,74478	1,04679	0,60692
9,64109	6,65359	4,44059	2,86477	1,78595	1,07581	0,62647
9,74110	6,74073	4,51228	2,92069	1,82743	1,10515	0,64633
9,84062	6,82767	4,58401	2,97682	1,86922	1,13483	0,66650
9,93966	6,91441	4,65577	3,03315	1,91129	1,16482	0,68698
10,03822	7,00092	4,72755	3,08966	1,95366	1,19514	0,70776
10,13629	7,08722	4,79934	3,14636	1,99630	1,22577	0,72884
10,23388	7,17330	4,87113	3,20323	2,03922	1,25671	0,75022
10,33099	7,25915	4,94293	3,26027	2,08240	1,28795	0,77190
10,42761	7,34476	5,01472	3,31747	2,12585	1,31950	0,79388
10,52376	7,43015	5,08649	3,37481	2,16954	1,35134	0,81615
10,61943	7,51529	5,15824	3,43231	2,21349	1,38347	0,83870
10,71463	7,60020	5,22997	3,48994	2,25768	1,41589	0,86155
10,80934	7,68486	5,30166	3,54770	2,30210	1,44859	0,88468
10,90359	7,76927	5,37332	3,60559	2,34675	1,48157	0,90809
10,99736	7,85344	5,44493	3,66360	2,39162	1,51482	0,93179
11,09066	7,93735	5,51649	3,72172	2,43671	1,54834	0,95576
11,18349	8,02101	5,58800	3,77994	2,48201	1,58212	0,98000
11,27585	8,10441	5,65945	3,83827	2,52752	1,61617	1,00452
11,36775	8,18755	5,73084	3,89668	2,57323	1,65047	1,02931
11,45919	8,27044	5,80216	3,95519	2,61913	1,68502	1,05437
11,55016	8,35306	5,87341	4,01378	2,66523	1,71982	1,07969
11,64068	8,43541	5,94458	4,07245	2,71150	1,75486	1,10527
11,73073	8,51751	6,01567	4,13118	2,75796	1,79014	1,13111
11,82034	8,59933	6,08668	4,18999	2,80459	1,82566	1,15721
11,90949	8,68089	6,15760	4,24886	2,85139	1,86141	1,18356
11,99819	8,76217	6,22842	4,30778	2,89835	1,89738	1,21017
12,08644	8,84319	6,29915	4,36676	2,94547	1,93358	1,23702
12,17424	8,92393	6,36979	4,42578	2,99275	1,96999	1,26412
12,26160	9,00441	6,44032	4,48485	3,04017	2,00662	1,29146
12,34852	9,08461	6,51074	4,54395	3,08775	2,04346	1,31905
12,43500	9,16453	6,58106	4,60309	3,13546	2,08051	1,34687

12,52104	9,24418	6,65126	4,66226	3,18331	2,11777	1,37493
12,60665	9,32356	6,72135	4,72146	3,23129	2,15522	1,40323
12,69183	9,40266	6,79132	4,78067	3,27939	2,19287	1,43175
12,77658	9,48149	6,86118	4,83991	3,32763	2,23071	1,46051
12,86090	9,56004	6,93091	4,89916	3,37598	2,26874	1,48949
12,94480	9,63831	7,00052	4,95842	3,42445	2,30696	1,51869
13,02828	9,71631	7,07000	5,01769	3,47302	2,34536	1,54812
13,11134	9,79403	7,13935	5,07696	3,52171	2,38394	1,57776
13,19398	9,87147	7,20858	5,13623	3,57050	2,42269	1,60762
13,27621	9,94864	7,27766	5,19550	3,61940	2,46162	1,63770
13,35802	10,02553	7,34662	5,25476	3,66839	2,50072	1,66798
13,43943	10,10215	7,41544	5,31402	3,71747	2,53998	1,69848
13,52043	10,17849	7,48412	5,37326	3,76664	2,57941	1,72918
13,60103	10,25455	7,55265	5,43249	3,81590	2,61899	1,76009
13,68123	10,33034	7,62105	5,49170	3,86525	2,65873	1,79120
13,76102	10,40585	7,68931	5,55089	3,91467	2,69863	1,82250
13,84043	10,48109	7,75742	5,61005	3,96417	2,73867	1,85401
13,91944	10,55605	7,82538	5,66919	4,01375	2,77887	1,88571
13,99806	10,63074	7,89320	5,72830	4,06339	2,81921	1,91760
14,07629	10,70516	7,96086	5,78738	4,11311	2,85969	1,94969
14,15413	10,77930	8,02838	5,84643	4,16289	2,90031	1,98196
14,23160	10,85318	8,09575	5,90544	4,21273	2,94107	2,01442
14,30868	10,92678	8,16296	5,96442	4,26263	2,98196	2,04707
14,38538	11,00011	8,23003	6,02335	4,31259	3,02298	2,07989
14,46171	11,07317	8,29694	6,08225	4,36261	3,06413	2,11290
14,53767	11,14596	8,36369	6,14110	4,41268	3,10541	2,14608
14,61326	11,21848	8,43029	6,19990	4,46279	3,14682	2,17944
14,68848	11,29073	8,49673	6,25866	4,51295	3,18834	2,21298
14,76333	11,36272	8,56302	6,31736	4,56316	3,22998	2,24668
14,83783	11,43444	8,62914	6,37602	4,61341	3,27174	2,28056
14,91196	11,50589	8,69511	6,43462	4,66370	3,31361	2,31460
14,98573	11,57708	8,76092	6,49317	4,71403	3,35560	2,34881
15,05915	11,64801	8,82657	6,55166	4,76439	3,39769	2,38318
15,13222	11,71868	8,89206	6,61010	4,81479	3,43990	2,41771
15,20494	11,78908	8,95739	6,66847	4,86522	3,48220	2,45241
15,27731	11,85922	9,02256	6,72679	4,91568	3,52462	2,48726
15,34934	11,92910	9,08757	6,78504	4,96616	3,56713	2,52227
15,42102	11,99873	9,15242	6,84323	5,01667	3,60974	2,55743
15,49237	12,06810	9,21711	6,90135	5,06721	3,65245	2,59275
15,56337	12,13721	9,28163	6,95941	5,11777	3,69525	2,62822
15,63405	12,20606	9,34599	7,01740	5,16834	3,73815	2,66383
15,70438	12,27466	9,41019	7,07533	5,21894	3,78114	2,69960
15,77439	12,34301	9,47423	7,13318	5,26955	3,82421	2,73551
15,84407	12,41110	9,53810	7,19097	5,32018	3,86738	2,77156
15,91343	12,47895	9,60181	7,24868	5,37082	3,91063	2,80776
15,98246	12,54654	9,66536	7,30632	5,42147	3,95396	2,84409
16,05117	12,61388	9,72875	7,36388	5,47214	3,99738	2,88057
16,11956	12,68098	9,79197	7,42138	5,52281	4,04088	2,91718
16,18764	12,74783	9,85503	7,47879	5,57349	4,08445	2,95393
16,25540	12,81444	9,91793	7,53614	5,62418	4,12811	2,99081
16,32285	12,88080	9,98066	7,59340	5,67487	4,17183	3,02782
16,38999	12,94691	10,04324	7,65059	5,72556	4,21564	3,06497
16,45682	13,01279	10,10565	7,70770	5,77626	4,25951	3,10225

16,52335	13,07843	10,16790	7,76473	5,82695	4,30346	3,13965
16,58958	13,14382	10,22998	7,82168	5,87765	4,34747	3,17718
16,65550	13,20898	10,29191	7,87855	5,92834	4,39156	3,21483
16,72113	13,27390	10,35367	7,93534	5,97904	4,43571	3,25261
16,78646	13,33858	10,41528	7,99205	6,02973	4,47992	3,29051
16,85150	13,40303	10,47672	8,04868	6,08041	4,52420	3,32853
16,91625	13,46725	10,53800	8,10522	6,13109	4,56854	3,36667
16,98070	13,53124	10,59912	8,16169	6,18176	4,61294	3,40493
17,04487	13,59499	10,66008	8,21806	6,23242	4,65741	3,44331
17,10875	13,65851	10,72088	8,27436	6,28307	4,70193	3,48180
17,17235	13,72181	10,78152	8,33057	6,33372	4,74650	3,52040
17,23567	13,78488	10,84201	8,38670	6,38435	4,79114	3,55912
17,29871	13,84772	10,90233	8,44274	6,43497	4,83583	3,59794
17,36148	13,91034	10,96250	8,49870	6,48558	4,88057	3,63688
17,42397	13,97273	11,02250	8,55457	6,53617	4,92536	3,67593
17,48618	14,03491	11,08236	8,61036	6,58675	4,97021	3,71508
17,54813	14,09686	11,14205	8,66606	6,63732	5,01510	3,75434
17,60980	14,15859	11,20159	8,72167	6,68787	5,06005	3,79371
17,67121	14,22010	11,26097	8,77720	6,73840	5,10504	3,83318
17,73235	14,28140	11,32020	8,83264	6,78892	5,15008	3,87275
17,79323	14,34248	11,37927	8,88799	6,83941	5,19517	3,91242
17,85385	14,40335	11,43819	8,94326	6,88989	5,24030	3,95219
17,91422	14,46400	11,49695	8,99844	6,94035	5,28547	3,99206
17,97432	14,52444	11,55556	9,05354	6,99079	5,33069	4,03203
18,03417	14,58467	11,61402	9,10854	7,04121	5,37595	4,07210
18,09376	14,64469	11,67233	9,16346	7,09161	5,42125	4,11226
18,15311	14,70450	11,73048	9,21829	7,14198	5,46659	4,15252
18,21220	14,76411	11,78849	9,27304	7,19233	5,51197	4,19287
18,27105	14,82351	11,84634	9,32769	7,24266	5,55739	4,23331
18,32965	14,88270	11,90404	9,38226	7,29297	5,60284	4,27384
18,38801	14,94169	11,96159	9,43674	7,34325	5,64833	4,31447
18,44612	15,00048	12,01900	9,49114	7,39351	5,69386	4,35518
18,50400	15,05907	12,07626	9,54544	7,44375	5,73943	4,39598
18,56163	15,11746	12,13337	9,59966	7,49395	5,78502	4,43687
18,61903	15,17565	12,19033	9,65379	7,54414	5,83065	4,47785
18,67619	15,23364	12,24715	9,70784	7,59429	5,87632	4,51891
18,73312	15,29144	12,30382	9,76179	7,64442	5,92201	4,56005
18,78982	15,34904	12,36034	9,81566	7,69453	5,96774	4,60128
18,84629	15,40644	12,41673	9,86945	7,74460	6,01349	4,64259
18,90253	15,46366	12,47296	9,92314	7,79465	6,05928	4,68398
18,95855	15,52069	12,52906	9,97675	7,84467	6,10509	4,72545
19,01434	15,57752	12,58501	10,03027	7,89466	6,15094	4,76701
19,06991	15,63417	12,64082	10,08371	7,94462	6,19681	4,80864
19,12525	15,69062	12,69649	10,13706	7,99456	6,24270	4,85035
19,18038	15,74690	12,75202	10,19032	8,04446	6,28863	4,89213
19,23528	15,80298	12,80742	10,24349	8,09433	6,33458	4,93399
19,28998	15,85889	12,86267	10,29658	8,14418	6,38055	4,97593
19,34445	15,91461	12,91778	10,34959	8,19399	6,42655	5,01794
19,39871	15,97014	12,97276	10,40251	8,24378	6,47257	5,06002
19,45277	16,02550	13,02760	10,45534	8,29353	6,51862	5,10218
19,50661	16,08068	13,08230	10,50809	8,34325	6,56469	5,14441
19,56024	16,13568	13,13687	10,56075	8,39294	6,61078	5,18671
19,61366	16,19050	13,19130	10,61333	8,44260	6,65689	5,22908

19,66688	16,24515	13,24560	10,66582	8,49223	6,70303	5,27152
19,71990	16,29963	13,29976	10,71823	8,54183	6,74918	5,31402
19,77271	16,35393	13,35379	10,77056	8,59140	6,79535	5,35660
19,82533	16,40805	13,40769	10,82280	8,64093	6,84155	5,39924
19,87774	16,46201	13,46146	10,87496	8,69043	6,88776	5,44195
19,92995	16,51579	13,51510	10,92703	8,73990	6,93399	5,48472
19,98197	16,56941	13,56861	10,97902	8,78933	6,98024	5,52756
20,03380	16,62286	13,62199	11,03093	8,83874	7,02650	5,57046
20,08543	16,67614	13,67524	11,08276	8,88811	7,07278	5,61343
20,13686	16,72926	13,72836	11,13450	8,93744	7,11908	5,65646
20,18811	16,78221	13,78135	11,18616	8,98675	7,16540	5,69955
20,23917	16,83500	13,83422	11,23774	9,03602	7,21173	5,74270
20,29004	16,88762	13,88697	11,28924	9,08526	7,25807	5,78591
20,34072	16,94009	13,93958	11,34066	9,13446	7,30444	5,82918
20,39122	16,99239	13,99208	11,39200	9,18364	7,35081	5,87251
20,44153	17,04454	14,04445	11,44325	9,23277	7,39720	5,91590
20,49167	17,09652	14,09669	11,49443	9,28188	7,44360	5,95934
20,54162	17,14835	14,14882	11,54552	9,33095	7,49002	6,00284
20,59139	17,20003	14,20082	11,59654	9,37999	7,53644	6,04640
20,64098	17,25154	14,25270	11,64748	9,42899	7,58288	6,09002
20,69040	17,30291	14,30446	11,69833	9,47796	7,62934	6,13368
20,73964	17,35412	14,35611	11,74911	9,52689	7,67580	6,17741
20,78870	17,40518	14,40763	11,79981	9,57580	7,72227	6,22118
20,83759	17,45609	14,45903	11,85044	9,62466	7,76876	6,26501
20,88631	17,50685	14,51032	11,90098	9,67350	7,81525	6,30890
20,93486	17,55746	14,56149	11,95145	9,72230	7,86176	6,35283
20,98324	17,60792	14,61255	12,00184	9,77106	7,90828	6,39681
21,03145	17,65824	14,66349	12,05215	9,81979	7,95480	6,44085
21,07950	17,70841	14,71431	12,10239	9,86849	8,00133	6,48494
21,12738	17,75843	14,76502	12,15255	9,91715	8,04788	6,52907
21,17509	17,80831	14,81562	12,20263	9,96578	8,09443	6,57325
21,22264	17,85805	14,86610	12,25264	10,01438	8,14099	6,61748
21,27003	17,90764	14,91648	12,30258	10,06294	8,18755	6,66176
21,31726	17,95710	14,96674	12,35244	10,11147	8,23413	6,70609
21,36432	18,00641	15,01689	12,40223	10,15996	8,28071	6,75046
21,41123	18,05559	15,06693	12,45194	10,20842	8,32730	6,79488
21,45799	18,10463	15,11686	12,50157	10,25684	8,37389	6,83934
21,50458	18,15353	15,16668	12,55114	10,30523	8,42049	6,88385
21,55102	18,20229	15,21640	12,60063	10,35359	8,46710	6,92840
21,59731	18,25092	15,26600	12,65005	10,40191	8,51371	6,97300
21,64344	18,29941	15,31550	12,69939	10,45020	8,56033	7,01764
21,68942	18,34778	15,36490	12,74867	10,49846	8,60696	7,06232
21,73525	18,39600	15,41418	12,79787	10,54668	8,65358	7,10704
21,78093	18,44410	15,46337	12,84700	10,59486	8,70022	7,15181
21,82646	18,49206	15,51245	12,89606	10,64302	8,74685	7,19661
21,87185	18,53990	15,56142	12,94505	10,69113	8,79349	7,24146
21,91709	18,58761	15,61029	12,99397	10,73922	8,84014	7,28635
21,96218	18,63518	15,65906	13,04282	10,78727	8,88679	7,33127
22,00713	18,68263	15,70773	13,09160	10,83529	8,93344	7,37624
22,05193	18,72996	15,75630	13,14031	10,88327	8,98009	7,42124
22,09659	18,77716	15,80476	13,18895	10,93122	9,02675	7,46628
22,14112	18,82423	15,85313	13,23752	10,97914	9,07341	7,51136
22,18550	18,87118	15,90140	13,28602	11,02702	9,12008	7,55647

22,22974	18,91801	15,94957	13,33446	11,07487	9,16674	7,60162
22,27384	18,96471	15,99764	13,38283	11,12269	9,21341	7,64681
22,31781	19,01130	16,04561	13,43113	11,17047	9,26008	7,69203
22,36164	19,05776	16,09349	13,47936	11,21822	9,30675	7,73729
22,40533	19,10410	16,14127	13,52753	11,26593	9,35342	7,78258
22,44889	19,15032	16,18895	13,57563	11,31362	9,40009	7,82791
22,49232	19,19643	16,23654	13,62366	11,36126	9,44676	7,87327
22,53561	19,24242	16,28404	13,67163	11,40888	9,49343	7,91866
22,57878	19,28829	16,33144	13,71954	11,45646	9,54011	7,96409
22,62181	19,33404	16,37874	13,76737	11,50401	9,58678	8,00955
22,66471	19,37968	16,42596	13,81515	11,55153	9,63346	8,05504
22,70748	19,42521	16,47308	13,86286	11,59901	9,68013	8,10056
22,75013	19,47062	16,52011	13,91050	11,64646	9,72680	8,14611
22,79265	19,51592	16,56705	13,95808	11,69388	9,77348	8,19169
22,83504	19,56111	16,61390	14,00560	11,74127	9,82015	8,23731
22,87731	19,60619	16,66066	14,05306	11,78862	9,86682	8,28295
22,91945	19,65115	16,70733	14,10045	11,83594	9,91349	8,32862
22,96147	19,69601	16,75391	14,14778	11,88323	9,96016	8,37432
23,00336	19,74075	16,80040	14,19505	11,93048	10,00682	8,42005
23,04514	19,78539	16,84680	14,24225	11,97770	10,05349	8,46580
23,08679	19,82992	16,89312	14,28940	12,02489	10,10015	8,51159
23,12833	19,87435	16,93935	14,33648	12,07205	10,14681	8,55740
23,16974	19,91866	16,98549	14,38350	12,11917	10,19347	8,60323
23,21104	19,96288	17,03155	14,43046	12,16627	10,24012	8,64910
23,25221	20,00698	17,07752	14,47736	12,21333	10,28678	8,69499
23,29328	20,05099	17,12341	14,52420	12,26036	10,33343	8,74090
23,33422	20,09489	17,16922	14,57098	12,30735	10,38007	8,78684
23,37505	20,13868	17,21494	14,61770	12,35432	10,42672	8,83280
23,41577	20,18238	17,26057	14,66437	12,40125	10,47336	8,87879
23,45637	20,22597	17,30613	14,71097	12,44815	10,51999	8,92480
23,49686	20,26947	17,35160	14,75751	12,49502	10,56663	8,97084
23,53724	20,31286	17,39699	14,80400	12,54186	10,61325	9,01690
23,57750	20,35615	17,44230	14,85043	12,58866	10,65988	9,06298
23,61766	20,39935	17,48753	14,89680	12,63544	10,70650	9,10908
23,65770	20,44244	17,53268	14,94311	12,68218	10,75312	9,15521
23,69764	20,48544	17,57775	14,98937	12,72889	10,79973	9,20136
23,73747	20,52834	17,62274	15,03557	12,77557	10,84633	9,24753
23,77719	20,57115	17,66765	15,08171	12,82222	10,89293	9,29371
23,81680	20,61386	17,71248	15,12780	12,86884	10,93953	9,33992
23,85631	20,65647	17,75723	15,17383	12,91542	10,98612	9,38615
23,89571	20,69900	17,80191	15,21980	12,96198	11,03271	9,43240
23,93500	20,74142	17,84651	15,26572	13,00850	11,07929	9,47867
23,97420	20,78376	17,89103	15,31158	13,05499	11,12586	9,52496
24,01328	20,82600	17,93548	15,35739	13,10145	11,17243	9,57127
24,05227	20,86814	17,97985	15,40314	13,14788	11,21900	9,61759
24,09116	20,91020	18,02415	15,44884	13,19428	11,26555	9,66393
24,12994	20,95217	18,06837	15,49449	13,24065	11,31210	9,71029
24,16862	20,99405	18,11252	15,54008	13,28699	11,35865	9,75667
24,20720	21,03583	18,15659	15,58561	13,33329	11,40518	9,80306
24,24568	21,07753	18,20059	15,63110	13,37957	11,45171	9,84947
24,28407	21,11914	18,24452	15,67653	13,42582	11,49824	9,89590
24,32235	21,16066	18,28837	15,72191	13,47203	11,54475	9,94234
24,36054	21,20209	18,33216	15,76723	13,51822	11,59126	9,98880

24,39863	21,24344	18,37587	15,81250	13,56437	11,63777	10,03528
24,43663	21,28470	18,41950	15,85772	13,61049	11,68426	10,08176
24,47453	21,32587	18,46307	15,90289	13,65659	11,73075	10,12827
24,51233	21,36696	18,50657	15,94801	13,70265	11,77723	10,17478
24,55004	21,40796	18,55000	15,99307	13,74868	11,82370	10,22131
24,58766	21,44888	18,59335	16,03808	13,79468	11,87016	10,26786
24,62518	21,48972	18,63664	16,08305	13,84066	11,91661	10,31442
24,66261	21,53047	18,67986	16,12796	13,88660	11,96306	10,36099
24,69995	21,57114	18,72301	16,17282	13,93251	12,00950	10,40757
24,73720	21,61173	18,76609	16,21763	13,97839	12,05593	10,45416
24,77436	21,65223	18,80911	16,26239	14,02424	12,10235	10,50077
24,81142	21,69266	18,85205	16,30710	14,07006	12,14876	10,54739
24,84840	21,73300	18,89493	16,35176	14,11586	12,19516	10,59402
24,88529	21,77326	18,93775	16,39637	14,16162	12,24155	10,64066
24,92209	21,81345	18,98049	16,44093	14,20735	12,28794	10,68731
24,95880	21,85355	19,02317	16,48544	14,25305	12,33431	10,73397
24,99542	21,89358	19,06579	16,52990	14,29873	12,38068	10,78064
25,03196	21,93352	19,10834	16,57432	14,34437	12,42703	10,82733
25,06841	21,97339	19,15082	16,61869	14,38998	12,47338	10,87402
25,10477	22,01318	19,19324	16,66300	14,43557	12,51971	10,92072
25,14105	22,05290	19,23560	16,70727	14,48112	12,56604	10,96743
25,17724	22,09254	19,27789	16,75149	14,52664	12,61235	11,01414
25,21335	22,13210	19,32011	16,79567	14,57214	12,65866	11,06087
25,24938	22,17158	19,36228	16,83979	14,61760	12,70495	11,10760
25,28532	22,21099	19,40438	16,88387	14,66304	12,75123	11,15434
25,32118	22,25033	19,44642	16,92791	14,70845	12,79750	11,20109
25,35696	22,28959	19,48839	16,97189	14,75382	12,84377	11,24785
25,39265	22,32878	19,53031	17,01583	14,79917	12,89002	11,29461
25,42827	22,36789	19,57216	17,05972	14,84449	12,93625	11,34138
25,46380	22,40693	19,61395	17,10356	14,88978	12,98248	11,38816
25,49925	22,44590	19,65568	17,14736	14,93504	13,02870	11,43494
25,53463	22,48480	19,69735	17,19112	14,98027	13,07490	11,48172
25,56992	22,52362	19,73896	17,23482	15,02547	13,12109	11,52852
25,60514	22,56237	19,78051	17,27848	15,07064	13,16728	11,57531
25,64027	22,60106	19,82200	17,32210	15,11578	13,21344	11,62212
25,67533	22,63967	19,86343	17,36567	15,16090	13,25960	11,66892
25,71031	22,67821	19,90480	17,40919	15,20598	13,30575	11,71573
25,74522	22,71668	19,94611	17,45267	15,25103	13,35188	11,76255
25,78005	22,75508	19,98736	17,49611	15,29606	13,39800	11,80937
25,81480	22,79341	20,02856	17,53950	15,34106	13,44410	11,85619
25,84947	22,83167	20,06969	17,58285	15,38603	13,49020	11,90301
25,88407	22,86987	20,11077	17,62615	15,43096	13,53628	11,94984
25,91860	22,90799	20,15179	17,66940	15,47587	13,58235	11,99667
25,95305	22,94605	20,19275	17,71262	15,52075	13,62840	12,04351
25,98743	22,98404	20,23366	17,75579	15,56561	13,67444	12,09034
26,02173	23,02197	20,27451	17,79891	15,61043	13,72047	12,13718
26,05596	23,05983	20,31530	17,84199	15,65522	13,76649	12,18402
26,09012	23,09762	20,35604	17,88503	15,69999	13,81249	12,23086
26,12420	23,13534	20,39672	17,92803	15,74472	13,85848	12,27770
26,15822	23,17300	20,43734	17,97098	15,78943	13,90445	12,32454
26,19216	23,21060	20,47791	18,01389	15,83411	13,95041	12,37138
26,22603	23,24813	20,51843	18,05675	15,87876	13,99635	12,41822
26,25983	23,28560	20,55889	18,09957	15,92338	14,04228	12,46507

26,29356	23,32300	20,59929	18,14235	15,96797	14,08820	12,51191
26,32722	23,36033	20,63964	18,18509	16,01253	14,13410	12,55875
26,36081	23,39761	20,67994	18,22779	16,05706	14,17999	12,60559
26,39433	23,43482	20,72018	18,27044	16,10157	14,22586	12,65243
26,42778	23,47197	20,76037	18,31305	16,14604	14,27172	12,69927
26,46116	23,50905	20,80050	18,35562	16,19049	14,31756	12,74611
26,49448	23,54608	20,84058	18,39814	16,23491	14,36339	12,79294
26,52772	23,58304	20,88061	18,44063	16,27930	14,40920	12,83978
26,56090	23,61994	20,92058	18,48307	16,32366	14,45500	12,88661
26,59401	23,65678	20,96051	18,52547	16,36799	14,50078	12,93344
26,62706	23,69355	21,00038	18,56783	16,41229	14,54655	12,98026
26,66004	23,73027	21,04019	18,61015	16,45656	14,59230	13,02709
26,69295	23,76693	21,07996	18,65243	16,50081	14,63803	13,07391
26,72580	23,80352	21,11967	18,69467	16,54502	14,68375	13,12072
26,75858	23,84006	21,15934	18,73686	16,58921	14,72945	13,16754
26,79130	23,87653	21,19895	18,77901	16,63337	14,77514	13,21435
26,82396	23,91295	21,23851	18,82113	16,67750	14,82080	13,26115
26,85654	23,94931	21,27802	18,86320	16,72160	14,86646	13,30795
26,88907	23,98561	21,31747	18,90523	16,76567	14,91209	13,35475
26,92153	24,02185	21,35688	18,94723	16,80971	14,95771	13,40154
26,95393	24,05803	21,39624	18,98918	16,85373	15,00332	13,44832
26,98626	24,09416	21,43555	19,03109	16,89771	15,04890	13,49510
27,01854	24,13022	21,47480	19,07296	16,94167	15,09447	13,54188
27,05075	24,16623	21,51401	19,11479	16,98559	15,14002	13,58865
27,08289	24,20218	21,55317	19,15658	17,02949	15,18555	13,63541
27,11498	24,23808	21,59228	19,19833	17,07336	15,23107	13,68217
27,14700	24,27392	21,63134	19,24005	17,11720	15,27657	13,72892
27,17897	24,30970	21,67035	19,28172	17,16101	15,32205	13,77566
27,21087	24,34543	21,70931	19,32335	17,20479	15,36751	13,82240
27,24271	24,38110	21,74822	19,36494	17,24854	15,41296	13,86913
27,27449	24,41671	21,78708	19,40650	17,29227	15,45839	13,91585
27,30622	24,45227	21,82590	19,44801	17,33596	15,50380	13,96257
27,33788	24,48778	21,86467	19,48949	17,37963	15,54919	14,00928
27,36948	24,52323	21,90339	19,53092	17,42326	15,59456	14,05598
27,40102	24,55862	21,94206	19,57232	17,46687	15,63991	14,10267
27,43251	24,59396	21,98068	19,61367	17,51045	15,68525	14,14935
27,46394	24,62925	22,01926	19,65499	17,55400	15,73056	14,19603
27,49530	24,66448	22,05779	19,69627	17,59752	15,77586	14,24269
27,52661	24,69966	22,09627	19,73751	17,64101	15,82114	14,28935
27,55787	24,73478	22,13470	19,77872	17,68447	15,86640	14,33599
27,58906	24,76985	22,17309	19,81988	17,72791	15,91164	14,38263
27,62020	24,80487	22,21143	19,86100	17,77131	15,95686	14,42926
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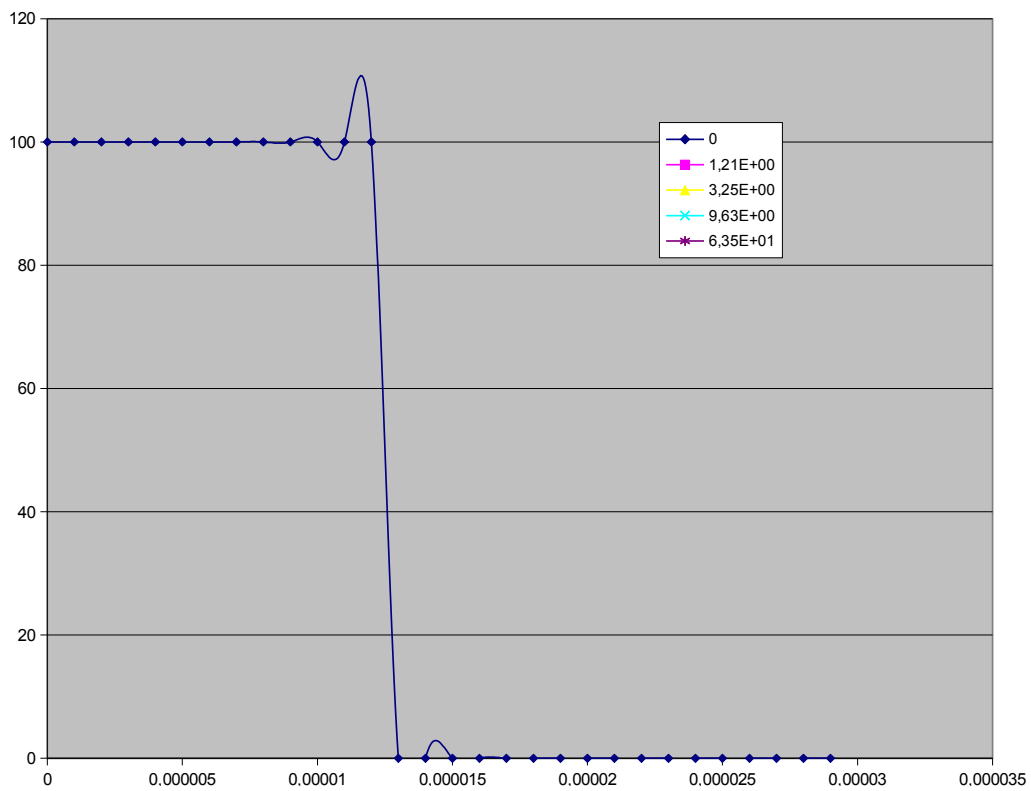
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6,36865	5,45641	4,85470	4,55589
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6,45599	5,54100	4,93723	4,63731
6,49975	5,58342	4,97865	4,67819
6,54358	5,62594	5,02018	4,71919
6,58748	5,66854	5,06181	4,76031
6,63144	5,71123	5,10354	4,80153
6,67546	5,75400	5,14538	4,84287
6,71954	5,79686	5,18732	4,88431
6,76368	5,83980	5,22936	4,92587
6,80788	5,88283	5,27149	4,96753
6,85214	5,92594	5,31373	5,00930
6,89647	5,96913	5,35607	5,05117
6,94085	6,01240	5,39850	5,09316
6,98528	6,05576	5,44103	5,13524
7,02978	6,09919	5,48365	5,17743
7,07433	6,14270	5,52637	5,21972
7,11893	6,18629	5,56918	5,26211
7,16359	6,22995	5,61208	5,30460
7,20831	6,27369	5,65508	5,34720
7,25308	6,31751	5,69816	5,38989
7,29790	6,36140	5,74134	5,43267
7,34277	6,40536	5,78460	5,47556
7,38770	6,44940	5,82795	5,51854
7,43268	6,49351	5,87139	5,56161
7,47771	6,53769	5,91492	5,60478
7,52279	6,58195	5,95853	5,64804
7,56792	6,62627	6,00222	5,69140
7,61310	6,67066	6,04600	5,73484
7,65832	6,71512	6,08986	5,77837
7,70360	6,75965	6,13381	5,82200
7,74892	6,80424	6,17783	5,86571
7,79429	6,84891	6,22194	5,90951
7,83971	6,89363	6,26612	5,95340
7,88517	6,93843	6,31038	5,99737
7,93067	6,98328	6,35472	6,04143
7,97622	7,02820	6,39914	6,08557
8,02182	7,07319	6,44364	6,12979
8,06745	7,11823	6,48821	6,17410
8,11313	7,16334	6,53285	6,21849
8,15886	7,20851	6,57757	6,26296
8,20462	7,25374	6,62236	6,30751
8,25043	7,29902	6,66722	6,35213
8,29627	7,34437	6,71216	6,39684
8,34216	7,38977	6,75717	6,44162
8,38809	7,43524	6,80224	6,48648
8,43405	7,48075	6,84739	6,53142
8,48005	7,52633	6,89260	6,57643
8,52610	7,57196	6,93788	6,62151
8,57218	7,61764	6,98323	6,66667
8,61829	7,66338	7,02864	6,71190
8,66444	7,70917	7,07412	6,75720
8,71063	7,75502	7,11967	6,80257

8,75686	7,80091	7,16527	6,84801
8,80312	7,84686	7,21095	6,89352
8,84941	7,89286	7,25668	6,93910
8,89574	7,93891	7,30247	6,98475
8,94210	7,98501	7,34833	7,03047
8,98849	8,03116	7,39425	7,07625
9,03492	8,07735	7,44022	7,12209
9,08138	8,12360	7,48626	7,16800
9,12787	8,16989	7,53235	7,21398
9,17439	8,21622	7,57850	7,26002
9,22094	8,26261	7,62471	7,30612
9,26752	8,30904	7,67098	7,35228
9,31413	8,35551	7,71729	7,39850
9,36078	8,40203	7,76367	7,44478
9,40744	8,44859	7,81010	7,49113
9,45414	8,49519	7,85658	7,53753
9,50087	8,54184	7,90311	7,58399
9,54762	8,58853	7,94970	7,63050
9,59440	8,63526	7,99634	7,67708
9,64121	8,68203	8,04302	7,72371
9,68804	8,72884	8,08976	7,77039
9,73490	8,77569	8,13655	7,81713
9,78178	8,82258	8,18339	7,86392
9,82869	8,86950	8,23027	7,91077
9,87562	8,91647	8,27720	7,95767
9,92258	8,96347	8,32418	8,00462
9,96955	9,01051	8,37121	8,05162
10,01656	9,05758	8,41828	8,09867
10,06358	9,10469	8,46539	8,14577
10,11063	9,15184	8,51255	8,19292
10,15770	9,19902	8,55976	8,24012
10,20479	9,24623	8,60700	8,28737
10,25190	9,29348	8,65429	8,33466
10,29903	9,34076	8,70162	8,38201
10,34618	9,38808	8,74900	8,42939
10,39335	9,43542	8,79641	8,47682
10,44054	9,48280	8,84386	8,52430
10,48774	9,53021	8,89136	8,57182
10,53497	9,57764	8,93889	8,61939
10,58222	9,62511	8,98646	8,66699
10,62948	9,67261	9,03407	8,71464
10,67676	9,72014	9,08171	8,76233
10,72405	9,76769	9,12939	8,81006
10,77137	9,81527	9,17711	8,85784
10,81869	9,86288	9,22486	8,90565
10,86604	9,91052	9,27265	8,95350
10,91340	9,95818	9,32048	9,00139
10,96077	10,00587	9,36833	9,04931
11,00816	10,05359	9,41622	9,09728
11,05556	10,10133	9,46414	9,14528
11,10298	10,14909	9,51210	9,19332
11,15041	10,19688	9,56009	9,24139
11,19785	10,24469	9,60810	9,28950

11,24531	10,29253	9,65615	9,33764
11,29277	10,34038	9,70423	9,38582
11,34025	10,38826	9,75234	9,43403
11,38774	10,43617	9,80047	9,48227
11,43524	10,48409	9,84864	9,53054
11,48276	10,53203	9,89683	9,57885
11,53028	10,58000	9,94505	9,62719
11,57781	10,62798	9,99330	9,67555
11,62536	10,67598	10,04157	9,72395
11,67291	10,72400	10,08987	9,77238
11,72047	10,77205	10,13820	9,82084
11,76804	10,82010	10,18655	9,86932
11,81562	10,86818	10,23492	9,91783
11,86320	10,91628	10,28332	9,96637
11,91079	10,96439	10,33175	10,01494
11,95840	11,01251	10,38019	10,06353
12,00600	11,06066	10,42866	10,11215
12,05362	11,10882	10,47715	10,16080
12,10124	11,15699	10,52566	10,20947
12,14886	11,20518	10,57419	10,25816
12,19650	11,25338	10,62274	10,30688
12,24413	11,30160	10,67131	10,35562
12,29178	11,34983	10,71991	10,40438
12,33942	11,39807	10,76852	10,45317
12,38707	11,44633	10,81715	10,50197
12,43473	11,49460	10,86580	10,55080
12,48239	11,54288	10,91446	10,59965
12,53005	11,59117	10,96315	10,64852
12,57771	11,63948	11,01185	10,69741
12,62538	11,68779	11,06056	10,74632
12,67305	11,73612	11,10930	10,79525
12,72072	11,78445	11,15804	10,84420
12,76840	11,83279	11,20681	10,89316
12,81607	11,88115	11,25559	10,94214
12,86375	11,92951	11,30438	10,99114
12,91143	11,97788	11,35318	11,04016
12,95910	12,02626	11,40200	11,08919
13,00678	12,07464	11,45084	11,13824
13,05446	12,12304	11,49968	11,18730
13,10214	12,17144	11,54854	11,23638
13,14981	12,21984	11,59741	11,28547
13,19749	12,26826	11,64629	11,33458
13,24516	12,31668	11,69518	11,38370
13,29284	12,36510	11,74408	11,43283
13,34051	12,41353	11,79299	11,48198
13,38818	12,46196	11,84191	11,53113
13,43584	12,51040	11,89084	11,58030
13,48351	12,55885	11,93978	11,62948
13,53117	12,60729	11,98873	11,67868
13,57882	12,65574	12,03769	11,72788
13,62648	12,70419	12,08665	11,77709
13,67413	12,75265	12,13562	11,82631
13,72177	12,80111	12,18460	11,87554

13,76942	12,84957	12,23358	11,92478
13,81705	12,89803	12,28257	11,97403
13,86468	12,94649	12,33157	12,02329
13,91231	12,99495	12,38057	12,07255
13,95993	13,04342	12,42958	12,12182
14,00755	13,09188	12,47859	12,17110
14,05516	13,14035	12,52760	12,22039
14,10276	13,18881	12,57662	12,26968
14,15035	13,23727	12,62565	12,31897
14,19794	13,28574	12,67467	12,36828
14,24553	13,33420	12,72370	12,41758
14,29310	13,38266	12,77273	12,46689
14,34067	13,43111	12,82176	12,51621
14,38823	13,47957	12,87080	12,56553
14,43578	13,52802	12,91983	12,61485
14,48332	13,57647	12,96887	12,66417
14,53085	13,62492	13,01791	12,71350
14,57838	13,67336	13,06695	12,76283
14,62590	13,72180	13,11598	12,81217
14,67340	13,77023	13,16502	12,86150
14,72090	13,81866	13,21406	12,91083
14,76839	13,86709	13,26309	12,96017
14,81586	13,91551	13,31213	13,00951
14,86333	13,96392	13,36116	13,05884
14,91078	14,01233	13,41019	13,10818
14,95823	14,06074	13,45922	13,15751
15,00566	14,10913	13,50824	13,20685
15,05308	14,15752	13,55726	13,25618
15,10049	14,20591	13,60628	13,30551
15,14789	14,25428	13,65530	13,35484
15,19528	14,30265	13,70431	13,40417
15,24265	14,35101	13,75331	13,45349
15,29001	14,39937	13,80232	13,50281
15,33736	14,44771	13,85131	13,55213
15,38470	14,49605	13,90030	13,60145
15,43202	14,54438	13,94929	13,65076



Mehomogenní výchozí koncentrace a časový vývo s 2. Fickovým zákonem

okrajová podmínka (toky nebo koncentrace, ev. aktivita)

gradient koncentrace na povrchu v levo= 0 (tj. nic se tam neděje)

gradient koncentrace na povrchu v pravo= 0

koncentrace v levo= 100

koncentrace v pravo= 50

Difúzní koeficient

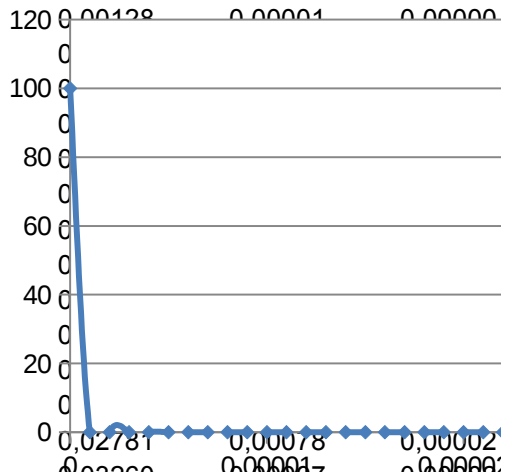
Plocha=

krok vzdáleno=

výchozí krok č

expanze času

t/s vs. x /m	0	1,00E-06	2,00E-06	3,00E-06	4,00E-06	5,00E-06
0	100,00000	0,00000	0,00000	0,00000	0,00000	0,00000
6,00E-03	100,00000	0,60000	0,00000	0,00000	0,00000	0,00000
1,21E-02	100,00000	1,19873	0,00364	0,00000	0,00000	0,00000
1,82E-02	100,00000	1,79614	0,01093	0,00002	0,00000	0,00000
2,44E-02	100,00000	2,39218	0,02190	0,00009	0,00000	0,00000
3,06E-02	100,00000	2,98681	0,03656	0,00023	0,00000	0,00000
3,69E-02	100,00000	3,57997	0,05494	0,00045	0,00000	0,00000
4,33E-02	100,00000	4,17163	0,07704	0,00080	0,00000	0,00000
4,97E-02	100,00000	4,76174	0,10289	0,00128	0,00001	0,00000
5,62E-02	100,00000	5,35024	0,13250	0,00178	0,00001	0,00000
6,28E-02	100,00000	5,93711	0,16588	0,00226	0,00001	0,00000
6,94E-02	100,00000	6,52228	0,20305	0,00271	0,00001	0,00000
7,61E-02	100,00000	7,10572	0,24402	0,00313	0,00001	0,00000
8,29E-02	100,00000	7,68738	0,28879	0,00353	0,00001	0,00000
8,97E-02	100,00000	8,26722	0,33739	0,00390	0,00001	0,00000
9,66E-02	100,00000	8,84520	0,38981	0,00425	0,00001	0,00000
1,04E-01	100,00000	9,42127	0,44607	0,00457	0,00001	0,00000
1,11E-01	100,00000	9,99539	0,50617	0,00487	0,00001	0,00000
1,18E-01	100,00000	10,56752	0,57012	0,00515	0,00001	0,00000
1,25E-01	100,00000	11,13761	0,63792	0,00541	0,00001	0,00000
1,32E-01	100,00000	11,70564	0,70957	0,00565	0,00001	0,00000
1,39E-01	100,00000	12,27155	0,78509	0,00587	0,00001	0,00000
1,47E-01	100,00000	12,83531	0,86446	0,00607	0,00001	0,00000
1,54E-01	100,00000	13,39688	0,94769	0,00625	0,00001	0,00000
1,62E-01	100,00000	13,95622	1,03477	0,00641	0,00001	0,00000
1,69E-01	100,00000	14,51330	1,12571	0,00655	0,00001	0,00000
1,77E-01	100,00000	15,06807	1,22051	0,00667	0,00001	0,00000
1,85E-01	100,00000	15,62050	1,31915	0,00677	0,00001	0,00000
1,93E-01	100,00000	16,17056	1,42162	0,00685	0,00001	0,00000
2,01E-01	100,00000	16,71822	1,52794	0,00691	0,00001	0,00000
2,09E-01	100,00000	17,26343	1,63808	0,00696	0,00001	0,00000
2,17E-01	100,00000	17,80616	1,75203	0,00700	0,00001	0,00000
2,25E-01	100,00000	18,34639	1,86979	0,00703	0,00001	0,00000
2,33E-01	100,00000	18,88408	1,99135	0,00706	0,00001	0,00000
2,42E-01	100,00000	19,41919	2,11668	0,00708	0,00001	0,00000
2,50E-01	100,00000	19,95171	2,24579	0,00710	0,00001	0,00000
2,58E-01	100,00000	20,48160	2,37865	0,00711	0,00001	0,00000
2,67E-01	100,00000	21,00882	2,51524	0,00712	0,00001	0,00000
2,76E-01	100,00000	21,53336	2,65555	0,00713	0,00001	0,00000
2,84E-01	100,00000	22,05519	2,79956	0,00714	0,00001	0,00000
2,93E-01	100,00000	22,57428	2,94725	0,00715	0,00001	0,00000
3,02E-01	100,00000	23,09061	3,09860	0,00715	0,00001	0,00000
3,11E-01	100,00000	23,60415	3,25359	0,00716	0,00001	0,00000
3,20E-01	100,00000	24,11487	3,41219	0,00716	0,00001	0,00000



3,30E-01	100,00000	24,62277	3,57439	0,35733	0,02678	0,00159
3,39E-01	100,00000	25,12780	3,74015	0,38416	0,02962	0,00181
3,48E-01	100,00000	25,62996	3,90944	0,41234	0,03269	0,00205
3,58E-01	100,00000	26,12922	4,08225	0,44190	0,03600	0,00232
3,67E-01	100,00000	26,62557	4,25854	0,47288	0,03956	0,00262
3,77E-01	100,00000	27,11898	4,43829	0,50531	0,04340	0,00296
3,87E-01	100,00000	27,60944	4,62145	0,53922	0,04751	0,00333
3,97E-01	100,00000	28,09694	4,80801	0,57465	0,05193	0,00373
4,07E-01	100,00000	28,58145	4,99793	0,61163	0,05666	0,00418
4,17E-01	100,00000	29,06296	5,19117	0,65020	0,06172	0,00466
4,27E-01	100,00000	29,54147	5,38770	0,69038	0,06712	0,00520
4,37E-01	100,00000	30,01695	5,58749	0,73222	0,07288	0,00579
4,47E-01	100,00000	30,48939	5,79050	0,77573	0,07903	0,00643
4,58E-01	100,00000	30,95878	5,99668	0,82097	0,08556	0,00712
4,69E-01	100,00000	31,42512	6,20602	0,86794	0,09251	0,00788
4,79E-01	100,00000	31,88840	6,41845	0,91670	0,09990	0,00871
4,90E-01	100,00000	32,34860	6,63396	0,96726	0,10773	0,00961
5,01E-01	100,00000	32,80572	6,85248	1,01966	0,11603	0,01058
5,12E-01	100,00000	33,25975	7,07399	1,07392	0,12481	0,01163
5,23E-01	100,00000	33,71068	7,29844	1,13009	0,13411	0,01277
5,34E-01	100,00000	34,15852	7,52579	1,18817	0,14393	0,01400
5,46E-01	100,00000	34,60326	7,75599	1,24822	0,15430	0,01533
5,57E-01	100,00000	35,04489	7,98901	1,31024	0,16524	0,01676
5,69E-01	100,00000	35,48341	8,22478	1,37427	0,17677	0,01830
5,80E-01	100,00000	35,91882	8,46328	1,44033	0,18892	0,01996
5,92E-01	100,00000	36,35113	8,70446	1,50845	0,20169	0,02174
6,04E-01	100,00000	36,78032	8,94826	1,57866	0,21512	0,02365
6,16E-01	100,00000	37,20641	9,19464	1,65098	0,22924	0,02569
6,28E-01	100,00000	37,62939	9,44355	1,72543	0,24405	0,02789
6,41E-01	100,00000	38,04927	9,69494	1,80203	0,25959	0,03023
6,53E-01	100,00000	38,46605	9,94878	1,88081	0,27588	0,03274
6,65E-01	100,00000	38,87973	10,20500	1,96179	0,29294	0,03541
6,78E-01	100,00000	39,29032	10,46355	2,04499	0,31080	0,03827
6,91E-01	100,00000	39,69783	10,72440	2,13042	0,32949	0,04131
7,04E-01	100,00000	40,10225	10,98748	2,21811	0,34901	0,04456
7,17E-01	100,00000	40,50361	11,25275	2,30808	0,36941	0,04801
7,30E-01	100,00000	40,90190	11,52015	2,40034	0,39071	0,05168
7,43E-01	100,00000	41,29714	11,78964	2,49491	0,41293	0,05557
7,57E-01	100,00000	41,68933	12,06116	2,59180	0,43610	0,05971
7,70E-01	100,00000	42,07848	12,33467	2,69103	0,46024	0,06410
7,84E-01	100,00000	42,46461	12,61011	2,79261	0,48538	0,06875
7,98E-01	100,00000	42,84772	12,88743	2,89655	0,51155	0,07368
8,12E-01	100,00000	43,22783	13,16658	3,00287	0,53876	0,07890
8,26E-01	100,00000	43,60495	13,44750	3,11158	0,56706	0,08441
8,40E-01	100,00000	43,97909	13,73015	3,22268	0,59646	0,09024
8,55E-01	100,00000	44,35027	14,01447	3,33619	0,62700	0,09640
8,69E-01	100,00000	44,71849	14,30042	3,45211	0,65869	0,10290
8,84E-01	100,00000	45,08378	14,58793	3,57045	0,69156	0,10975
8,99E-01	100,00000	45,44615	14,87697	3,69122	0,72565	0,11697
9,14E-01	100,00000	45,80561	15,16747	3,81442	0,76097	0,12458
9,29E-01	100,00000	46,16218	15,45938	3,94005	0,79756	0,13258
9,44E-01	100,00000	46,51587	15,75267	4,06812	0,83543	0,14101
9,60E-01	100,00000	46,86671	16,04727	4,19862	0,87463	0,14986

9,75E-01	100,00000	47,21471	16,34313	4,33157	0,91516	0,15917
9,91E-01	100,00000	47,55989	16,64020	4,46696	0,95707	0,16894
1,01E+00	100,00000	47,90226	16,93844	4,60478	1,00037	0,17919
1,02E+00	100,00000	48,24184	17,23780	4,74505	1,04509	0,18994
1,04E+00	100,00000	48,57866	17,53821	4,88774	1,09126	0,20121
1,06E+00	100,00000	48,91272	17,83965	5,03287	1,13890	0,21301
1,07E+00	100,00000	49,24406	18,14205	5,18042	1,18804	0,22537
1,09E+00	100,00000	49,57269	18,44537	5,33039	1,23870	0,23831
1,11E+00	100,00000	49,89862	18,74955	5,48278	1,29090	0,25183
1,12E+00	100,00000	50,22189	19,05457	5,63757	1,34468	0,26597
1,14E+00	100,00000	50,54250	19,36036	5,79475	1,40005	0,28074
1,16E+00	100,00000	50,86048	19,66688	5,95432	1,45704	0,29616
1,17E+00	100,00000	51,17586	19,97408	6,11626	1,51567	0,31226
1,19E+00	100,00000	51,48864	20,28192	6,28057	1,57597	0,32905
1,21E+00	100,00000	51,79886	20,59036	6,44723	1,63796	0,34655
1,23E+00	100,00000	52,10653	20,89935	6,61623	1,70165	0,36478
1,25E+00	100,00000	52,41167	21,20884	6,78756	1,76708	0,38378
1,27E+00	100,00000	52,71431	21,51880	6,96119	1,83425	0,40355
1,28E+00	100,00000	53,01447	21,82917	7,13712	1,90321	0,42412
1,30E+00	100,00000	53,31216	22,13992	7,31532	1,97395	0,44552
1,32E+00	100,00000	53,60742	22,45101	7,49578	2,04651	0,46776
1,34E+00	100,00000	53,90026	22,76240	7,67849	2,12090	0,49087
1,36E+00	100,00000	54,19070	23,07404	7,86341	2,19714	0,51487
1,38E+00	100,00000	54,47877	23,38590	8,05054	2,27526	0,53978
1,40E+00	100,00000	54,76448	23,69793	8,23985	2,35525	0,56562
1,42E+00	100,00000	55,04787	24,01011	8,43133	2,43715	0,59243
1,44E+00	100,00000	55,32894	24,32238	8,62494	2,52097	0,62022
1,46E+00	100,00000	55,60773	24,63473	8,82067	2,60673	0,64902
1,48E+00	100,00000	55,88425	24,94710	9,01849	2,69443	0,67884
1,50E+00	100,00000	56,15853	25,25946	9,21839	2,78410	0,70972
1,52E+00	100,00000	56,43059	25,57179	9,42033	2,87575	0,74167
1,54E+00	100,00000	56,70044	25,88403	9,62429	2,96939	0,77472
1,57E+00	100,00000	56,96812	26,19617	9,83025	3,06503	0,80890
1,59E+00	100,00000	57,23364	26,50817	10,03817	3,16269	0,84422
1,61E+00	100,00000	57,49702	26,82000	10,24804	3,26237	0,88071
1,63E+00	100,00000	57,75829	27,13162	10,45983	3,36408	0,91840
1,65E+00	100,00000	58,01747	27,44300	10,67351	3,46784	0,95730
1,68E+00	100,00000	58,27457	27,75412	10,88905	3,57366	0,99745
1,70E+00	100,00000	58,52962	28,06495	11,10642	3,68153	1,03886
1,72E+00	100,00000	58,78264	28,37546	11,32560	3,79147	1,08155
1,75E+00	100,00000	59,03365	28,68561	11,54655	3,90349	1,12556
1,77E+00	100,00000	59,28267	28,99539	11,76925	4,01759	1,17090
1,79E+00	100,00000	59,52972	29,30476	11,99367	4,13377	1,21759
1,82E+00	100,00000	59,77482	29,61370	12,21977	4,25204	1,26567
1,84E+00	100,00000	60,01800	29,92219	12,44753	4,37240	1,31514
1,86E+00	100,00000	60,25926	30,23020	12,67692	4,49486	1,36603
1,89E+00	100,00000	60,49864	30,53771	12,90791	4,61941	1,41837
1,91E+00	100,00000	60,73615	30,84469	13,14046	4,74606	1,47217
1,94E+00	100,00000	60,97180	31,15112	13,37454	4,87481	1,52746
1,96E+00	100,00000	61,20563	31,45698	13,61013	5,00566	1,58426
1,99E+00	100,00000	61,43764	31,76225	13,84718	5,13860	1,64259
2,02E+00	100,00000	61,66786	32,06691	14,08568	5,27363	1,70246
2,04E+00	100,00000	61,89631	32,37094	14,32559	5,41076	1,76390

2,07E+00	100,00000	62,12301	32,67431	14,56688	5,54997	1,82693
2,10E+00	100,00000	62,34796	32,97701	14,80951	5,69127	1,89156
2,12E+00	100,00000	62,57120	33,27903	15,05345	5,83464	1,95782
2,15E+00	100,00000	62,79273	33,58034	15,29868	5,98009	2,02572
2,18E+00	100,00000	63,01259	33,88093	15,54516	6,12760	2,09528
2,21E+00	100,00000	63,23078	34,18078	15,79286	6,27717	2,16653
2,23E+00	100,00000	63,44732	34,47987	16,04174	6,42879	2,23946
2,26E+00	100,00000	63,66222	34,77819	16,29178	6,58246	2,31411
2,29E+00	100,00000	63,87552	35,07573	16,54294	6,73816	2,39048
2,32E+00	100,00000	64,08722	35,37247	16,79520	6,89588	2,46860
2,35E+00	100,00000	64,29734	35,66839	17,04852	7,05561	2,54848
2,38E+00	100,00000	64,50589	35,96349	17,30287	7,21735	2,63012
2,41E+00	100,00000	64,71290	36,25774	17,55822	7,38108	2,71355
2,44E+00	100,00000	64,91837	36,55115	17,81453	7,54678	2,79878
2,47E+00	100,00000	65,12233	36,84369	18,07178	7,71445	2,88583
2,50E+00	100,00000	65,32479	37,13536	18,32994	7,88407	2,97469
2,53E+00	100,00000	65,52576	37,42614	18,58898	8,05563	3,06539
2,56E+00	100,00000	65,72527	37,71603	18,84886	8,22911	3,15793
2,59E+00	100,00000	65,92332	38,00500	19,10956	8,40450	3,25233
2,62E+00	100,00000	66,11993	38,29307	19,37105	8,58178	3,34860
2,66E+00	100,00000	66,31512	38,58020	19,63329	8,76094	3,44674
2,69E+00	100,00000	66,50889	38,86641	19,89626	8,94195	3,54676
2,72E+00	100,00000	66,70127	39,15167	20,15992	9,12481	3,64867
2,76E+00	100,00000	66,89227	39,43598	20,42426	9,30949	3,75248
2,79E+00	100,00000	67,08190	39,71933	20,68924	9,49598	3,85819
2,82E+00	100,00000	67,27018	40,00172	20,95483	9,68425	3,96581
2,86E+00	100,00000	67,45711	40,28313	21,22100	9,87430	4,07535
2,89E+00	100,00000	67,64272	40,56357	21,48773	10,06609	4,18681
2,93E+00	100,00000	67,82702	40,84302	21,75499	10,25961	4,30019
2,96E+00	100,00000	68,01001	41,12148	22,02275	10,45484	4,41550
3,00E+00	100,00000	68,19172	41,39894	22,29099	10,65176	4,53274
3,03E+00	100,00000	68,37215	41,67540	22,55968	10,85035	4,65190
3,07E+00	100,00000	68,55132	41,95085	22,82878	11,05058	4,77301
3,11E+00	100,00000	68,72924	42,22529	23,09829	11,25245	4,89604
3,14E+00	100,00000	68,90592	42,49872	23,36816	11,45591	5,02101
3,18E+00	100,00000	69,08138	42,77112	23,63838	11,66096	5,14791
3,22E+00	100,00000	69,25562	43,04251	23,90893	11,86757	5,27674
3,26E+00	100,00000	69,42866	43,31286	24,17976	12,07571	5,40751
3,30E+00	100,00000	69,60051	43,58218	24,45087	12,28537	5,54020
3,33E+00	100,00000	69,77118	43,85047	24,72223	12,49652	5,67482
3,37E+00	100,00000	69,94068	44,11772	24,99381	12,70914	5,81136
3,41E+00	100,00000	70,10903	44,38393	25,26559	12,92321	5,94981
3,45E+00	100,00000	70,27623	44,64910	25,53755	13,13870	6,09018
3,49E+00	100,00000	70,44230	44,91322	25,80967	13,35559	6,23245
3,54E+00	100,00000	70,60724	45,17630	26,08191	13,57385	6,37663
3,58E+00	100,00000	70,77107	45,43833	26,35427	13,79347	6,52270
3,62E+00	100,00000	70,93380	45,69931	26,62672	14,01441	6,67066
3,66E+00	100,00000	71,09543	45,95924	26,89924	14,23665	6,82050
3,70E+00	100,00000	71,25598	46,21812	27,17180	14,46018	6,97221
3,75E+00	100,00000	71,41546	46,47594	27,44439	14,68496	7,12578
3,79E+00	100,00000	71,57388	46,73271	27,71698	14,91097	7,28120
3,83E+00	100,00000	71,73125	46,98842	27,98957	15,13819	7,43847
3,88E+00	100,00000	71,88757	47,24308	28,26212	15,36659	7,59758

3,92E+00	100,00000	72,04286	47,49669	28,53461	15,59614	7,75851
3,97E+00	100,00000	72,19712	47,74923	28,80704	15,82683	7,92125
4,01E+00	100,00000	72,35037	48,00073	29,07937	16,05863	8,08578
4,06E+00	100,00000	72,50262	48,25116	29,35160	16,29152	8,25211
4,11E+00	100,00000	72,65387	48,50054	29,62370	16,52547	8,42022
4,15E+00	100,00000	72,80413	48,74887	29,89565	16,76045	8,59008
4,20E+00	100,00000	72,95341	48,99614	30,16745	16,99644	8,76170
4,25E+00	100,00000	73,10173	49,24235	30,43907	17,23343	8,93505
4,30E+00	100,00000	73,24908	49,48751	30,71049	17,47137	9,11012
4,35E+00	100,00000	73,39548	49,73162	30,98170	17,71026	9,28690
4,40E+00	100,00000	73,54093	49,97468	31,25268	17,95006	9,46537
4,45E+00	100,00000	73,68545	50,21669	31,52342	18,19075	9,64552
4,50E+00	100,00000	73,82904	50,45765	31,79391	18,43232	9,82732
4,55E+00	100,00000	73,97171	50,69756	32,06411	18,67472	10,01077
4,60E+00	100,00000	74,11347	50,93643	32,33403	18,91795	10,19585
4,65E+00	100,00000	74,25433	51,17425	32,60365	19,16197	10,38254
4,70E+00	100,00000	74,39429	51,41102	32,87295	19,40677	10,57083
4,76E+00	100,00000	74,53336	51,64676	33,14192	19,65232	10,76069
4,81E+00	100,00000	74,67155	51,88145	33,41054	19,89859	10,95211
4,86E+00	100,00000	74,80887	52,11511	33,67881	20,14557	11,14508
4,92E+00	100,00000	74,94532	52,34773	33,94670	20,39323	11,33956
4,97E+00	100,00000	75,08091	52,57931	34,21421	20,64155	11,53556
5,03E+00	100,00000	75,21566	52,80987	34,48133	20,89051	11,73304
5,09E+00	100,00000	75,34955	53,03939	34,74803	21,14008	11,93198
5,14E+00	100,00000	75,48261	53,26789	35,01431	21,39024	12,13238
5,20E+00	100,00000	75,61485	53,49536	35,28016	21,64097	12,33421
5,26E+00	100,00000	75,74625	53,72180	35,54557	21,89225	12,53744
5,32E+00	100,00000	75,87684	53,94723	35,81052	22,14405	12,74207
5,38E+00	100,00000	76,00663	54,17164	36,07500	22,39636	12,94807
5,44E+00	100,00000	76,13560	54,39503	36,33901	22,64916	13,15542
5,50E+00	100,00000	76,26379	54,61741	36,60253	22,90241	13,36410
5,56E+00	100,00000	76,39118	54,83878	36,86555	23,15611	13,57409
5,62E+00	100,00000	76,51779	55,05914	37,12806	23,41022	13,78537
5,68E+00	100,00000	76,64362	55,27850	37,39005	23,66474	13,99793
5,74E+00	100,00000	76,76868	55,49685	37,65152	23,91963	14,21173
5,81E+00	100,00000	76,89298	55,71420	37,91245	24,17489	14,42676
5,87E+00	100,00000	77,01652	55,93056	38,17283	24,43048	14,64300
5,94E+00	100,00000	77,13930	56,14593	38,43266	24,68639	14,86043
6,00E+00	100,00000	77,26134	56,36030	38,69192	24,94261	15,07903
6,07E+00	100,00000	77,38264	56,57368	38,95062	25,19910	15,29877
6,13E+00	100,00000	77,50320	56,78608	39,20873	25,45585	15,51964
6,20E+00	100,00000	77,62304	56,99750	39,46625	25,71285	15,74161
6,27E+00	100,00000	77,74215	57,20794	39,72318	25,97007	15,96467
6,34E+00	100,00000	77,86055	57,41740	39,97950	26,22750	16,18879
6,41E+00	100,00000	77,97823	57,62590	40,23522	26,48511	16,41395
6,48E+00	100,00000	78,09521	57,83342	40,49031	26,74289	16,64012
6,55E+00	100,00000	78,21148	58,03998	40,74478	27,00083	16,86730
6,62E+00	100,00000	78,32706	58,24557	40,99862	27,25889	17,09546
6,69E+00	100,00000	78,44196	58,45020	41,25181	27,51708	17,32458
6,76E+00	100,00000	78,55616	58,65388	41,50437	27,77536	17,55463
6,84E+00	100,00000	78,66969	58,85661	41,75627	28,03372	17,78559
6,91E+00	100,00000	78,78254	59,05838	42,00751	28,29215	18,01745
6,99E+00	100,00000	78,89472	59,25921	42,25809	28,55063	18,25019

7,06E+00	100,0000	79,00624	59,45909	42,50799	28,80914	18,48377
7,14E+00	100,0000	79,11710	59,65804	42,75723	29,06766	18,71819
7,22E+00	100,0000	79,22731	59,85605	43,00578	29,32619	18,95342
7,30E+00	100,0000	79,33686	60,05313	43,25365	29,58470	19,18944
7,37E+00	100,0000	79,44578	60,24928	43,50082	29,84318	19,42623
7,45E+00	100,0000	79,55405	60,44450	43,74730	30,10161	19,66377
7,53E+00	100,0000	79,66169	60,63880	43,99308	30,35998	19,90204
7,62E+00	100,0000	79,76870	60,83218	44,23815	30,61828	20,14102
7,70E+00	100,0000	79,87508	61,02464	44,48252	30,87648	20,38069
7,78E+00	100,0000	79,98084	61,21619	44,72616	31,13458	20,62102
7,87E+00	100,0000	80,08599	61,40684	44,96909	31,39256	20,86201
7,95E+00	100,0000	80,19052	61,59658	45,21130	31,65041	21,10362
8,04E+00	100,0000	80,29445	61,78541	45,45278	31,90811	21,34584
8,12E+00	100,0000	80,39777	61,97335	45,69353	32,16565	21,58865
8,21E+00	100,0000	80,50050	62,16040	45,93355	32,42302	21,83203
8,30E+00	100,0000	80,60263	62,34655	46,17283	32,68020	22,07596
8,39E+00	100,0000	80,70417	62,53182	46,41136	32,93718	22,32042
8,48E+00	100,0000	80,80512	62,71620	46,64916	33,19395	22,56539
8,57E+00	100,0000	80,90550	62,89970	46,88620	33,45049	22,81085
8,66E+00	100,0000	81,00530	63,08233	47,12250	33,70679	23,05679
8,75E+00	100,0000	81,10452	63,26408	47,35804	33,96285	23,30318
8,84E+00	100,0000	81,20317	63,44496	47,59282	34,21864	23,55001
8,94E+00	100,0000	81,30127	63,62498	47,82685	34,47416	23,79725
9,03E+00	100,0000	81,39879	63,80413	48,06012	34,72940	24,04490
9,13E+00	100,0000	81,49577	63,98243	48,29262	34,98434	24,29292
9,23E+00	100,0000	81,59219	64,15987	48,52435	35,23898	24,54131
9,33E+00	100,0000	81,68806	64,33645	48,75532	35,49329	24,79004
9,43E+00	100,0000	81,78338	64,51219	48,98552	35,74728	25,03910
9,53E+00	100,0000	81,87816	64,68709	49,21494	36,00093	25,28847
9,63E+00	100,0000	81,97241	64,86114	49,44359	36,25423	25,53814
9,73E+00	100,0000	82,06612	65,03435	49,67146	36,50716	25,78807
9,83E+00	100,0000	82,15930	65,20673	49,89856	36,75973	26,03827
9,94E+00	100,0000	82,25195	65,37828	50,12487	37,01192	26,28870
1,00E+01	100,0000	82,34408	65,54901	50,35041	37,26372	26,53936
1,01E+01	100,0000	82,43570	65,71891	50,57516	37,51512	26,79023
1,03E+01	100,0000	82,52679	65,88799	50,79913	37,76612	27,04129
1,04E+01	100,0000	82,61737	66,05625	51,02231	38,01670	27,29252
1,05E+01	100,0000	82,70745	66,22370	51,24471	38,26685	27,54391
1,06E+01	100,0000	82,79702	66,39034	51,46632	38,51656	27,79545
1,07E+01	100,0000	82,88608	66,55617	51,68714	38,76584	28,04711
1,08E+01	100,0000	82,97465	66,72121	51,90717	39,01466	28,29888
1,09E+01	100,0000	83,06272	66,88544	52,12641	39,26302	28,55075
1,10E+01	100,0000	83,15030	67,04888	52,34486	39,51091	28,80270
1,12E+01	100,0000	83,23740	67,21153	52,56252	39,75833	29,05472
1,13E+01	100,0000	83,32400	67,37338	52,77939	40,00526	29,30678
1,14E+01	100,0000	83,41013	67,53446	52,99546	40,25171	29,55889
1,15E+01	100,0000	83,49577	67,69475	53,21075	40,49765	29,81101
1,16E+01	100,0000	83,58094	67,85426	53,42523	40,74309	30,06314
1,18E+01	100,0000	83,66564	68,01300	53,63893	40,98802	30,31527
1,19E+01	100,0000	83,74987	68,17097	53,85183	41,23242	30,56737
1,20E+01	100,0000	83,83363	68,32817	54,06393	41,47630	30,81945
1,21E+01	100,0000	83,91693	68,48461	54,27524	41,71965	31,07147
1,23E+01	100,0000	83,99977	68,64029	54,48576	41,96245	31,32343

1,24E+01	100,00000	84,08215	68,79521	54,69548	42,20471	31,57532
1,25E+01	100,00000	84,16407	68,94937	54,90441	42,44642	31,82712
1,26E+01	100,00000	84,24555	69,10279	55,11255	42,68757	32,07882
1,28E+01	100,00000	84,32658	69,25545	55,31989	42,92815	32,33040
1,29E+01	100,00000	84,40716	69,40738	55,52644	43,16817	32,58186
1,30E+01	100,00000	84,48730	69,55856	55,73219	43,40761	32,83318
1,32E+01	100,00000	84,56700	69,70901	55,93715	43,64647	33,08436
1,33E+01	100,00000	84,64626	69,85873	56,14132	43,88474	33,33537
1,35E+01	100,00000	84,72509	70,00771	56,34470	44,12242	33,58620
1,36E+01	100,00000	84,80348	70,15597	56,54728	44,35950	33,83686
1,37E+01	100,00000	84,88145	70,30350	56,74908	44,59598	34,08731
1,39E+01	100,00000	84,95900	70,45032	56,95009	44,83186	34,33756
1,40E+01	100,00000	85,03612	70,59641	57,15030	45,06712	34,58759
1,42E+01	100,00000	85,11282	70,74180	57,34973	45,30177	34,83738
1,43E+01	100,00000	85,18910	70,88647	57,54837	45,53580	35,08694
1,45E+01	100,00000	85,26497	71,03044	57,74623	45,76921	35,33625
1,46E+01	100,00000	85,34042	71,17371	57,94329	46,00199	35,58530
1,48E+01	100,00000	85,41547	71,31627	58,13958	46,23413	35,83407
1,49E+01	100,00000	85,49011	71,45814	58,33508	46,46564	36,08257
1,51E+01	100,00000	85,56434	71,59932	58,52980	46,69651	36,33077
1,52E+01	100,00000	85,63817	71,73980	58,72374	46,92674	36,57868
1,54E+01	100,00000	85,71161	71,87960	58,91689	47,15632	36,82628
1,56E+01	100,00000	85,78464	72,01871	59,10927	47,38525	37,07355
1,57E+01	100,00000	85,85728	72,15715	59,30087	47,61352	37,32050
1,59E+01	100,00000	85,92953	72,29491	59,49170	47,84115	37,56712
1,61E+01	100,00000	86,00140	72,43199	59,68175	48,06811	37,81339
1,62E+01	100,00000	86,07287	72,56841	59,87103	48,29441	38,05931
1,64E+01	100,00000	86,14396	72,70415	60,05953	48,52004	38,30487
1,66E+01	100,00000	86,21467	72,83924	60,24727	48,74501	38,55005
1,67E+01	100,00000	86,28500	72,97366	60,43423	48,96931	38,79487
1,69E+01	100,00000	86,35495	73,10742	60,62044	49,19294	39,03930
1,71E+01	100,00000	86,42452	73,24054	60,80587	49,41589	39,28333
1,73E+01	100,00000	86,49373	73,37300	60,99055	49,63817	39,52697
1,74E+01	100,00000	86,56256	73,50481	61,17446	49,85977	39,77021
1,76E+01	100,00000	86,63103	73,63598	61,35761	50,08070	40,01303
1,78E+01	100,00000	86,69913	73,76651	61,54001	50,30094	40,25544
1,80E+01	100,00000	86,76687	73,89640	61,72165	50,52050	40,49742
1,82E+01	100,00000	86,83425	74,02566	61,90253	50,73937	40,73897
1,84E+01	100,00000	86,90127	74,15429	62,08267	50,95756	40,98008
1,85E+01	100,00000	86,96794	74,28229	62,26206	51,17507	41,22075
1,87E+01	100,00000	87,03425	74,40966	62,44070	51,39188	41,46097
1,89E+01	100,00000	87,10021	74,53642	62,61860	51,60801	41,70075
1,91E+01	100,00000	87,16582	74,66255	62,79575	51,82346	41,94006
1,93E+01	100,00000	87,23108	74,78808	62,97217	52,03821	42,17891
1,95E+01	100,00000	87,29600	74,91299	63,14785	52,25227	42,41729
1,97E+01	100,00000	87,36058	75,03730	63,32279	52,46565	42,65521
1,99E+01	100,00000	87,42482	75,16100	63,49701	52,67834	42,89264
2,01E+01	100,00000	87,48872	75,28410	63,67049	52,89033	43,12960
2,03E+01	100,00000	87,55228	75,40661	63,84325	53,10164	43,36608
2,05E+01	100,00000	87,61552	75,52852	64,01529	53,31226	43,60206
2,08E+01	100,00000	87,67842	75,64984	64,18660	53,52219	43,83756
2,10E+01	100,00000	87,74099	75,77057	64,35720	53,73144	44,07257
2,12E+01	100,00000	87,80324	75,89073	64,52709	53,93999	44,30708

2,14E+01	100,00000	87,86517	76,01030	64,69626	54,14786	44,54109
2,16E+01	100,00000	87,92677	76,12930	64,86473	54,35505	44,77460
2,18E+01	100,00000	87,98805	76,24773	65,03249	54,56156	45,00761
2,21E+01	100,00000	88,04902	76,36559	65,19955	54,76738	45,24011
2,23E+01	100,00000	88,10967	76,48288	65,36592	54,97252	45,47211
2,25E+01	100,00000	88,17001	76,59962	65,53159	55,17699	45,70359
2,28E+01	100,00000	88,23005	76,71579	65,69658	55,38077	45,93457
2,30E+01	100,00000	88,28977	76,83142	65,86087	55,58389	46,16504
2,32E+01	100,00000	88,34919	76,94650	66,02449	55,78633	46,39500
2,35E+01	100,00000	88,40831	77,06103	66,18742	55,98810	46,62445
2,37E+01	100,00000	88,46712	77,17502	66,34969	56,18920	46,85339
2,39E+01	100,00000	88,52564	77,28847	66,51128	56,38964	47,08181
2,42E+01	100,00000	88,58387	77,40139	66,67221	56,58942	47,30973
2,44E+01	100,00000	88,64180	77,51378	66,83247	56,78854	47,53713
2,47E+01	100,00000	88,69944	77,62564	66,99208	56,98700	47,76402
2,49E+01	100,00000	88,75679	77,73699	67,15104	57,18481	47,99040
2,52E+01	100,00000	88,81386	77,84782	67,30935	57,38198	48,21628
2,55E+01	100,00000	88,87065	77,95814	67,46702	57,57849	48,44165
2,57E+01	100,00000	88,92715	78,06794	67,62404	57,77437	48,66651
2,60E+01	100,00000	88,98338	78,17725	67,78044	57,96961	48,89086
2,62E+01	100,00000	89,03933	78,28606	67,93621	58,16421	49,11472
2,65E+01	100,00000	89,09501	78,39437	68,09135	58,35819	49,33807
2,68E+01	100,00000	89,15043	78,50219	68,24588	58,55155	49,56093
2,71E+01	100,00000	89,20557	78,60953	68,39979	58,74428	49,78329
2,73E+01	100,00000	89,26045	78,71639	68,55310	58,93640	50,00516
2,76E+01	100,00000	89,31507	78,82277	68,70581	59,12791	50,22654
2,79E+01	100,00000	89,36942	78,92868	68,85792	59,31881	50,44743
2,82E+01	100,00000	89,42353	79,03413	69,00944	59,50911	50,66785
2,85E+01	100,00000	89,47738	79,13911	69,16038	59,69882	50,88778
2,88E+01	100,00000	89,53097	79,24364	69,31073	59,88794	51,10723
2,91E+01	100,00000	89,58432	79,34771	69,46052	60,07648	51,32622
2,94E+01	100,00000	89,63743	79,45134	69,60974	60,26444	51,54474
2,97E+01	100,00000	89,69029	79,55453	69,75840	60,45183	51,76279
3,00E+01	100,00000	89,74292	79,65728	69,90651	60,63865	51,98039
3,03E+01	100,00000	89,79530	79,75960	70,05407	60,82492	52,19753
3,06E+01	100,00000	89,84746	79,86150	70,20109	61,01063	52,41423
3,09E+01	100,00000	89,89938	79,96297	70,34757	61,19580	52,63047
3,12E+01	100,00000	89,95108	80,06403	70,49353	61,38042	52,84629
3,15E+01	100,00000	90,00255	80,16468	70,63896	61,56451	53,06166
3,18E+01	100,00000	90,05380	80,26493	70,78389	61,74808	53,27661
3,22E+01	100,00000	90,10483	80,36477	70,92830	61,93113	53,49114
3,25E+01	100,00000	90,15564	80,46423	71,07221	62,11366	53,70525
3,28E+01	100,00000	90,20625	80,56329	71,21564	62,29569	53,91895
3,32E+01	100,00000	90,25664	80,66198	71,35857	62,47722	54,13224
3,35E+01	100,00000	90,30683	80,76028	71,50102	62,65826	54,34513
3,38E+01	100,00000	90,35681	80,85822	71,64301	62,83881	54,55764
3,42E+01	100,00000	90,40660	80,95579	71,78453	63,01889	54,76975
3,45E+01	100,00000	90,45619	81,05300	71,92559	63,19851	54,98149
3,49E+01	100,00000	90,50558	81,14986	72,06620	63,37765	55,19285
3,52E+01	100,00000	90,55478	81,24637	72,20636	63,55635	55,40384
3,56E+01	100,00000	90,60380	81,34254	72,34610	63,73460	55,61447
3,59E+01	100,00000	90,65263	81,43837	72,48540	63,91241	55,82475
3,63E+01	100,00000	90,70128	81,53387	72,62428	64,08979	56,03468

3,67E+01	100,00000	90,74975	81,62904	72,76275	64,26675	56,24427
3,71E+01	100,00000	90,79805	81,72390	72,90081	64,44330	56,45353
3,74E+01	100,00000	90,84617	81,81844	73,03847	64,61943	56,66245
3,78E+01	100,00000	90,89413	81,91268	73,17575	64,79517	56,87106
3,82E+01	100,00000	90,94192	82,00661	73,31263	64,97052	57,07936
3,86E+01	100,00000	90,98955	82,10024	73,44915	65,14548	57,28734
3,90E+01	100,00000	91,03702	82,19359	73,58529	65,32006	57,49503
3,94E+01	100,00000	91,08433	82,28665	73,72107	65,49428	57,70242
3,98E+01	100,00000	91,13149	82,37943	73,85650	65,66814	57,90953
4,02E+01	100,00000	91,17851	82,47194	73,99157	65,84164	58,11636
4,06E+01	100,00000	91,22537	82,56418	74,12631	66,01480	58,32291
4,10E+01	100,00000	91,27209	82,65615	74,26072	66,18762	58,52920
4,14E+01	100,00000	91,31867	82,74787	74,39480	66,36011	58,73523
4,18E+01	100,00000	91,36511	82,83934	74,52856	66,53228	58,94100
4,23E+01	100,00000	91,41141	82,93057	74,66201	66,70413	59,14653
4,27E+01	100,00000	91,45759	83,02155	74,79516	66,87568	59,35181
4,31E+01	100,00000	91,50363	83,11230	74,92800	67,04692	59,55686
4,36E+01	100,00000	91,54955	83,20281	75,06056	67,21787	59,76168
4,40E+01	100,00000	91,59534	83,29310	75,19283	67,38853	59,96628
4,44E+01	100,00000	91,64102	83,38318	75,32483	67,55892	60,17067
4,49E+01	100,00000	91,68657	83,47303	75,45655	67,72903	60,37484
4,53E+01	100,00000	91,73202	83,56268	75,58801	67,89887	60,57880
4,58E+01	100,00000	91,77734	83,65213	75,71921	68,06845	60,78257
4,63E+01	100,00000	91,82256	83,74137	75,85015	68,23778	60,98614
4,67E+01	100,00000	91,86767	83,83042	75,98085	68,40686	61,18953
4,72E+01	100,00000	91,91268	83,91927	76,11131	68,57571	61,39273
4,77E+01	100,00000	91,95758	84,00794	76,24153	68,74431	61,59574
4,82E+01	100,00000	92,00239	84,09643	76,37153	68,91269	61,79859
4,87E+01	100,00000	92,04709	84,18474	76,50130	69,08084	62,00126
4,92E+01	100,00000	92,09170	84,27288	76,63085	69,24877	62,20377
4,97E+01	100,00000	92,13622	84,36084	76,76019	69,41649	62,40612
5,02E+01	100,00000	92,18065	84,44865	76,88931	69,58399	62,60830
5,07E+01	100,00000	92,22498	84,53628	77,01824	69,75130	62,81033
5,12E+01	100,00000	92,26923	84,62377	77,14696	69,91840	63,01222
5,17E+01	100,00000	92,31340	84,71109	77,27549	70,08531	63,21395
5,22E+01	100,00000	92,35748	84,79827	77,40383	70,25203	63,41554
5,27E+01	100,00000	92,40148	84,88530	77,53199	70,41857	63,61698
5,33E+01	100,00000	92,44540	84,97218	77,65995	70,58491	63,81829
5,38E+01	100,00000	92,48925	85,05892	77,78775	70,75108	64,01946
5,44E+01	100,00000	92,53301	85,14553	77,91536	70,91707	64,22049
5,49E+01	100,00000	92,57671	85,23199	78,04280	71,08289	64,42138
5,55E+01	100,00000	92,62033	85,31833	78,17008	71,24854	64,62215
5,60E+01	100,00000	92,66387	85,40453	78,29718	71,41402	64,82278
5,66E+01	100,00000	92,70735	85,49060	78,42413	71,57933	65,02328
5,72E+01	100,00000	92,75076	85,57655	78,55091	71,74447	65,22366
5,77E+01	100,00000	92,79410	85,66237	78,67753	71,90946	65,42390
5,83E+01	100,00000	92,83737	85,74807	78,80400	72,07428	65,62401
5,89E+01	100,00000	92,88058	85,83365	78,93031	72,23895	65,82399
5,95E+01	100,00000	92,92372	85,91911	79,05647	72,40345	66,02385
6,01E+01	100,00000	92,96680	86,00445	79,18247	72,56780	66,22357
6,07E+01	100,00000	93,00981	86,08967	79,30833	72,73199	66,42316
6,13E+01	100,00000	93,05276	86,17478	79,43403	72,89602	66,62261
6,20E+01	100,00000	93,09565	86,25977	79,55959	73,05989	66,82193

6,26E+01	100,00000	93,13848	86,34465	79,68500	73,22361	67,02111
6,32E+01	100,00000	93,18125	86,42942	79,81026	73,38717	67,22016
6,38E+01	100,00000	93,22395	86,51407	79,93537	73,55057	67,41906
6,45E+01	100,00000	93,26659	86,59861	80,06033	73,71380	67,61782
6,51E+01	100,00000	93,30918	86,68303	80,18514	73,87688	67,81642
6,58E+01	100,00000	93,35170	86,76735	80,30981	74,03979	68,01488
6,65E+01	100,00000	93,39416	86,85155	80,43432	74,20254	68,21318
6,71E+01	100,00000	93,43656	86,93564	80,55869	74,36512	68,41132
6,78E+01	100,00000	93,47890	87,01961	80,68290	74,52753	68,60930
6,85E+01	100,00000	93,52118	87,10347	80,80695	74,68976	68,80711
6,92E+01	100,00000	93,56340	87,18721	80,93086	74,85182	69,00475
6,99E+01	100,00000	93,60556	87,27084	81,05460	75,01370	69,20221
7,06E+01	100,00000	93,64765	87,35435	81,17819	75,17540	69,39949
7,13E+01	100,00000	93,68968	87,43774	81,30161	75,33691	69,59657
7,20E+01	100,00000	93,73165	87,52101	81,42487	75,49823	69,79346
7,27E+01	100,00000	93,77356	87,60416	81,54796	75,65935	69,99015
7,35E+01	100,00000	93,81540	87,68719	81,67088	75,82028	70,18663
7,42E+01	100,00000	93,85717	87,77009	81,79363	75,98100	70,38290
7,50E+01	100,00000	93,89888	87,85286	81,91620	76,14151	70,57894
7,57E+01	100,00000	93,94052	87,93550	82,03860	76,30181	70,77475
7,65E+01	100,00000	93,98209	88,01801	82,16080	76,46188	70,97032
7,73E+01	100,00000	94,02359	88,10039	82,28282	76,62173	71,16565
7,80E+01	100,00000	94,06502	88,18263	82,40465	76,78135	71,36072
7,88E+01	100,00000	94,10638	88,26473	82,52629	76,94073	71,55553
7,96E+01	100,00000	94,14766	88,34669	82,64772	77,09986	71,75007
8,04E+01	100,00000	94,18887	88,42851	82,76894	77,25874	71,94433
8,12E+01	100,00000	94,23000	88,51017	82,88996	77,41737	72,13829
8,20E+01	100,00000	94,27106	88,59168	83,01076	77,57572	72,33197
8,29E+01	100,00000	94,31203	88,67305	83,13133	77,73381	72,52531
8,37E+01	100,00000	94,35292	88,75424	83,25170	77,89159	72,71838
8,46E+01	100,00000	94,39372	88,83530	83,37178	78,04916	72,91102
8,54E+01	100,00000	94,43448	88,91611	83,49176	78,20625	73,10353
8,63E+01	100,00000	94,47503	88,99697	83,61117	78,36345	73,29521
8,71E+01	100,00000	94,51578	89,07711	83,73111	78,51935	73,48768
8,80E+01	100,00000	94,55575	89,15841	83,84888	78,67735	73,67694
8,89E+01	100,00000	94,59732	89,23621	83,97117	78,82898	73,87286
8,98E+01	100,00000	94,63452	89,32219	84,08112	78,99550	74,05060
9,07E+01	100,00000	94,68256	89,38660	84,22164	79,12269	74,27347
9,16E+01	100,00000	94,70218	89,50619	84,28192	79,35067	74,37767
9,25E+01	100,00000	94,79608	89,48011	84,55211	79,31216	74,79283
9,35E+01	100,00000	94,69173	89,84142	84,26159	79,98327	74,37597
9,44E+01	100,00000	95,12249	89,15523	85,48580	78,73322	76,21029
9,54E+01	100,00000	94,08721	91,33821	82,55676	82,75146	71,86270
9,63E+01	100,00000	97,12292	85,54998	91,16951	72,11671	84,71956
9,73E+01	100,00000	88,69567	102,21139	67,25929	102,79453	49,02856
9,83E+01	100,00000	112,98957	54,77102	136,25240	15,38638	152,20559
9,92E+01	100,00000	42,59397	192,87690	-63,78612	270,13129	-147,28444
1,00E+02	100,00000	249,96629	-213,44862	525,89392	-480,05637	736,72568
1,01E+02	100,00000	-368,60421	999,48435	-1234,16438	1761,48066	-1905,01168
1,02E+02	100,00000	1502,14961	-2669,04633	4092,10543	-5024,20451	6098,89839
1,03E+02	100,00000	-4231,31935	8577,39007	-12241,51917	15796,69102	-18474,14937
1,04E+02	100,00000	13577,47080	-26362,29480	38521,88378	-48943,50405	57981,75973
1,05E+02	100,00000	-42478,98802	83640,75863	-121354,92323	####	####

1,06E+02	100,0000	136325,09943	###	388884,06363	###	###
1,08E+02	100,0000	-441594,67313	###	###	###	###
1,09E+02	100,0000	1451084,44149	###	###	###	###
1,10E+02	100,0000	-4829300,40385	###	###	###	###
1,11E+02	100,00000	###	###	###	###	###
1,12E+02	100,00000	###	###	###	###	###
1,13E+02	100,00000	###	###	###	###	###
1,14E+02	100,00000	###	###	###	###	###
1,15E+02	100,00000	###	###	###	###	###
1,16E+02	100,00000	###	###	###	###	###
1,18E+02	100,00000	###	###	###	###	###
1,19E+02	100,00000	###	###	###	###	###
1,20E+02	100,00000	###	###	###	###	###
1,21E+02	100,00000	###	###	###	###	###
1,22E+02	100,00000	###	###	###	###	###
1,24E+02	100,00000	###	###	###	###	###
1,25E+02	100,00000	###	###	###	###	###
1,26E+02	100,00000	###	###	###	###	###
1,27E+02	100,00000	###	###	###	###	###
1,29E+02	100,00000	###	###	###	###	###
1,30E+02	100,00000	###	###	###	###	###
1,31E+02	100,00000	###	###	###	###	###
1,33E+02	100,00000	###	###	###	###	###
1,34E+02	100,00000	###	###	###	###	###
1,35E+02	100,00000	###	###	###	###	###
1,37E+02	100,00000	###	###	###	###	###
1,38E+02	100,00000	###	###	###	###	###
1,39E+02	100,00000	###	###	###	###	###
1,41E+02	100,00000	###	###	###	###	###
1,42E+02	100,00000	###	###	###	###	###
1,44E+02	100,00000	###	###	###	###	###
1,45E+02	100,00000	###	###	###	###	###
1,47E+02	100,00000	###	###	###	###	###
1,48E+02	100,00000	###	###	###	###	###
1,50E+02	100,00000	###	###	###	###	###
1,51E+02	100,00000	###	###	###	###	###
1,53E+02	100,00000	###	###	###	###	###
1,54E+02	100,00000	###	###	###	###	###
1,56E+02	100,00000	###	###	###	###	###
1,57E+02	100,00000	###	###	###	###	###
1,59E+02	100,00000	###	###	###	###	###
1,60E+02	100,00000	###	###	###	###	###
1,62E+02	100,00000	###	###	###	###	###
1,64E+02	100,00000	###	###	###	###	###
1,65E+02	100,00000	###	###	###	###	###
1,67E+02	100,00000	###	###	###	###	###
1,69E+02	100,00000	###	###	###	###	###
1,70E+02	100,00000	###	###	###	###	###
1,72E+02	100,00000	###	###	###	###	###
1,74E+02	100,00000	###	###	###	###	###
1,75E+02	100,00000	###	###	###	###	###
1,77E+02	100,00000	###	###	###	###	###
1,79E+02	100,00000	###	###	###	###	###

3,07E+02	100,0000	###	###	###	###	###
3,10E+02	100,0000	###	###	###	###	###
3,13E+02	100,0000	###	###	###	###	###
3,16E+02	100,0000	###	###	###	###	###
3,19E+02	100,0000	###	###	###	###	###
3,22E+02	100,0000	###	###	###	###	###
3,26E+02	100,0000	###	###	###	###	###
3,29E+02	100,0000	###	###	###	###	###
3,32E+02	100,0000	###	###	###	###	###
3,36E+02	100,0000	###	###	###	###	###
3,39E+02	100,0000	###	###	###	###	###
3,42E+02	100,0000	###	###	###	###	###
3,46E+02	100,0000	###	###	###	###	###
3,49E+02	100,0000	###	###	###	###	###
3,53E+02	100,0000	###	###	###	###	###
3,56E+02	100,0000	###	###	###	###	###
3,60E+02	100,0000	###	###	###	###	###
3,63E+02	100,0000	###	###	###	###	###
3,67E+02	100,0000	###	###	###	###	###
3,71E+02	100,0000	###	###	###	###	###
3,74E+02	100,0000	###	###	###	###	###
3,78E+02	100,0000	###	###	###	###	###
3,82E+02	100,0000	###	###	###	###	###
3,86E+02	100,0000	###	###	###	###	###
3,90E+02	100,0000	###	###	###	###	###
3,94E+02	100,0000	###	###	###	###	###
3,98E+02	100,0000	###	###	###	###	###
4,01E+02	100,0000	###	###	###	###	###
4,06E+02	100,0000	###	###	###	###	###
4,10E+02	100,0000	###	###	###	###	###
4,14E+02	100,0000	###	###	###	###	###
4,18E+02	100,0000	###	###	###	###	###
4,22E+02	100,0000	###	###	###	###	###
4,26E+02	100,0000	###	###	###	###	###
4,31E+02	100,0000	###	###	###	###	###
4,35E+02	100,0000	###	###	###	###	###
4,39E+02	100,0000	###	###	###	###	###
4,44E+02	100,0000	###	###	###	###	###
4,48E+02	100,0000	###	###	###	###	###
4,52E+02	100,0000	###	###	###	###	###
4,57E+02	100,0000	###	###	###	###	###
4,62E+02	100,0000	###	###	###	###	###
4,66E+02	100,0000	###	###	###	###	###
4,71E+02	100,0000	###	###	###	###	###
4,76E+02	100,0000	###	###	###	###	###
4,80E+02	100,0000	###	###	###	###	###
4,85E+02	100,0000	###	###	###	###	###
4,90E+02	100,0000	###	###	###	###	###
4,95E+02	100,0000	###	###	###	###	###
5,00E+02	100,0000	###	###	###	###	###
5,05E+02	100,0000	###	###	###	###	###
5,10E+02	100,0000	###	###	###	###	###
5,15E+02	100,0000	###	###	###	###	###

5,20E+02	100,0000	###	###	###	###	###
5,25E+02	100,0000	###	###	###	###	###
5,31E+02	100,0000	###	###	###	###	###
5,36E+02	100,0000	###	###	###	###	###
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5,47E+02	100,0000	###	###	###	###	###
5,52E+02	100,0000	###	###	###	###	###
5,58E+02	100,0000	###	###	###	###	###
5,63E+02	100,0000	###	###	###	###	###
5,69E+02	100,0000	###	###	###	###	###
5,75E+02	100,0000	###	###	###	###	###
5,80E+02	100,0000	###	###	###	###	###
5,86E+02	100,0000	###	###	###	###	###
5,92E+02	100,0000	###	###	###	###	###
5,98E+02	100,0000	###	###	###	###	###
6,04E+02	100,0000	###	###	###	###	###
6,10E+02	100,0000	###	###	###	###	###
6,16E+02	100,0000	###	###	###	###	###
6,22E+02	100,0000	###	###	###	###	###
6,29E+02	100,0000	###	###	###	###	###
6,35E+02	100,0000	###	###	###	###	###
6,41E+02	100,0000	###	###	###	###	###
6,48E+02	100,0000	###	###	###	###	###
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6,61E+02	100,0000	###	###	###	###	###
6,67E+02	100,0000	###	###	###	###	###
6,74E+02	100,0000	###	###	###	###	###
6,81E+02	100,0000	###	###	###	###	###
6,88E+02	100,0000	###	###	###	###	###
6,94E+02	100,0000	###	###	###	###	###
7,01E+02	100,0000	###	###	###	###	###
7,08E+02	100,0000	###	###	###	###	###
7,15E+02	100,0000	###	###	###	###	###
7,23E+02	100,0000	###	###	###	###	###
7,30E+02	100,0000	###	###	###	###	###
7,37E+02	100,0000	###	###	###	###	###
7,45E+02	100,0000	###	###	###	###	###
7,52E+02	100,0000	###	###	###	###	###
7,60E+02	100,0000	###	###	###	###	###
7,67E+02	100,0000	###	###	###	###	###
7,75E+02	100,0000	###	###	###	###	###
7,83E+02	100,0000	###	###	###	###	###
7,90E+02	100,0000	###	###	###	###	###
7,98E+02	100,0000	###	###	###	###	###
8,06E+02	100,0000	###	###	###	###	###
8,14E+02	100,0000	###	###	###	###	###
8,23E+02	100,0000	###	###	###	###	###
8,31E+02	100,0000	###	###	###	###	###
8,39E+02	100,0000	###	###	###	###	###
8,47E+02	100,0000	###	###	###	###	###
8,56E+02	100,0000	###	###	###	###	###
8,65E+02	100,0000	###	###	###	###	###
8,73E+02	100,0000	###	###	###	###	###

8,82E+02	100,0000	###	###	###	###	###
8,91E+02	100,0000	###	###	###	###	###
9,00E+02	100,0000	###	###	###	###	###
9,09E+02	100,0000	###	###	###	###	###
9,18E+02	100,0000	###	###	###	###	###
9,27E+02	100,0000	###	###	###	###	###
9,36E+02	100,0000	###	###	###	###	###
9,46E+02	100,0000	###	###	###	###	###
9,55E+02	100,0000	###	###	###	###	###
9,65E+02	100,0000	###	###	###	###	###
9,74E+02	100,0000	###	###	###	###	###
9,84E+02	100,0000	###	###	###	###	###
9,94E+02	100,0000	###	###	###	###	###
1,00E+03	100,0000	###	###	###	###	###
1,01E+03	100,0000	###	###	###	###	###
1,02E+03	100,0000	###	###	###	###	###
1,03E+03	100,0000	###	###	###	###	###
1,04E+03	100,0000	###	###	###	###	###
1,06E+03	100,0000	###	###	###	###	###
1,07E+03	100,0000	###	###	###	###	###
1,08E+03	100,0000	###	###	###	###	###
1,09E+03	100,0000	###	###	###	###	###
1,10E+03	100,0000	###	###	###	###	###
1,11E+03	100,0000	###	###	###	###	###
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1,13E+03	100,0000	###	###	###	###	###
1,14E+03	100,0000	###	###	###	###	###
1,15E+03	100,0000	###	###	###	###	###
1,17E+03	100,0000	###	###	###	###	###
1,18E+03	100,0000	###	###	###	###	###
1,19E+03	100,0000	###	###	###	###	###
1,20E+03	100,0000	###	###	###	###	###
1,21E+03	100,0000	###	###	###	###	###
1,22E+03	100,0000	###	###	###	###	###
1,24E+03	100,0000	###	###	###	###	###
1,25E+03	100,0000	###	###	###	###	###
1,26E+03	100,0000	###	###	###	###	###
1,27E+03	100,0000	###	###	###	###	###
1,29E+03	100,0000	###	###	###	###	###
1,30E+03	100,0000	###	###	###	###	###
1,31E+03	100,0000	###	###	###	###	###
1,33E+03	100,0000	###	###	###	###	###
1,34E+03	100,0000	###	###	###	###	###
1,35E+03	100,0000	###	###	###	###	###
1,37E+03	100,0000	###	###	###	###	###
1,38E+03	100,0000	###	###	###	###	###
1,39E+03	100,0000	###	###	###	###	###
1,41E+03	100,0000	###	###	###	###	###
1,42E+03	100,0000	###	###	###	###	###
1,44E+03	100,0000	###	###	###	###	###
1,45E+03	100,0000	###	###	###	###	#NUM!
1,47E+03	100,0000	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!
1,48E+03	100,0000	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!

0,00008	0,00000	0,00000	0,00000	0,00000	0,00000	0,00000
0,00009	0,00000	0,00000	0,00000	0,00000	0,00000	0,00000
0,00011	0,00000	0,00000	0,00000	0,00000	0,00000	0,00000
0,00012	0,00001	0,00000	0,00000	0,00000	0,00000	0,00000
0,00014	0,00001	0,00000	0,00000	0,00000	0,00000	0,00000
0,00017	0,00001	0,00000	0,00000	0,00000	0,00000	0,00000
0,00019	0,00001	0,00000	0,00000	0,00000	0,00000	0,00000
0,00022	0,00001	0,00000	0,00000	0,00000	0,00000	0,00000
0,00025	0,00001	0,00000	0,00000	0,00000	0,00000	0,00000
0,00029	0,00002	0,00000	0,00000	0,00000	0,00000	0,00000
0,00033	0,00002	0,00000	0,00000	0,00000	0,00000	0,00000
0,00038	0,00002	0,00000	0,00000	0,00000	0,00000	0,00000
0,00043	0,00002	0,00000	0,00000	0,00000	0,00000	0,00000
0,00049	0,00003	0,00000	0,00000	0,00000	0,00000	0,00000
0,00056	0,00003	0,00000	0,00000	0,00000	0,00000	0,00000
0,00063	0,00004	0,00000	0,00000	0,00000	0,00000	0,00000
0,00071	0,00004	0,00000	0,00000	0,00000	0,00000	0,00000
0,00080	0,00005	0,00000	0,00000	0,00000	0,00000	0,00000
0,00090	0,00006	0,00000	0,00000	0,00000	0,00000	0,00000
0,00101	0,00007	0,00000	0,00000	0,00000	0,00000	0,00000
0,00113	0,00008	0,00000	0,00000	0,00000	0,00000	0,00000
0,00126	0,00009	0,00001	0,00000	0,00000	0,00000	0,00000
0,00141	0,00010	0,00001	0,00000	0,00000	0,00000	0,00000
0,00157	0,00012	0,00001	0,00000	0,00000	0,00000	0,00000
0,00175	0,00013	0,00001	0,00000	0,00000	0,00000	0,00000
0,00195	0,00015	0,00001	0,00000	0,00000	0,00000	0,00000
0,00216	0,00017	0,00001	0,00000	0,00000	0,00000	0,00000
0,00240	0,00019	0,00001	0,00000	0,00000	0,00000	0,00000
0,00265	0,00022	0,00002	0,00000	0,00000	0,00000	0,00000
0,00293	0,00024	0,00002	0,00000	0,00000	0,00000	0,00000
0,00324	0,00027	0,00002	0,00000	0,00000	0,00000	0,00000
0,00357	0,00031	0,00002	0,00000	0,00000	0,00000	0,00000
0,00393	0,00034	0,00003	0,00000	0,00000	0,00000	0,00000
0,00433	0,00039	0,00003	0,00000	0,00000	0,00000	0,00000
0,00475	0,00043	0,00003	0,00000	0,00000	0,00000	0,00000
0,00522	0,00048	0,00004	0,00000	0,00000	0,00000	0,00000
0,00572	0,00054	0,00004	0,00000	0,00000	0,00000	0,00000
0,00626	0,00060	0,00005	0,00000	0,00000	0,00000	0,00000
0,00685	0,00067	0,00006	0,00000	0,00000	0,00000	0,00000
0,00748	0,00075	0,00006	0,00000	0,00000	0,00000	0,00000
0,00816	0,00083	0,00007	0,00001	0,00000	0,00000	0,00000
0,00890	0,00092	0,00008	0,00001	0,00000	0,00000	0,00000
0,00969	0,00102	0,00009	0,00001	0,00000	0,00000	0,00000
0,01055	0,00113	0,00011	0,00001	0,00000	0,00000	0,00000
0,01147	0,00125	0,00012	0,00001	0,00000	0,00000	0,00000
0,01245	0,00138	0,00013	0,00001	0,00000	0,00000	0,00000
0,01351	0,00152	0,00015	0,00001	0,00000	0,00000	0,00000
0,01465	0,00168	0,00017	0,00001	0,00000	0,00000	0,00000
0,01587	0,00185	0,00019	0,00002	0,00000	0,00000	0,00000
0,01718	0,00203	0,00021	0,00002	0,00000	0,00000	0,00000
0,01857	0,00224	0,00024	0,00002	0,00000	0,00000	0,00000
0,02007	0,00246	0,00026	0,00002	0,00000	0,00000	0,00000
0,02166	0,00269	0,00029	0,00003	0,00000	0,00000	0,00000

0,02336	0,00295	0,00033	0,00003	0,00000	0,00000	0,00000
0,02518	0,00323	0,00036	0,00004	0,00000	0,00000	0,00000
0,02712	0,00354	0,00040	0,00004	0,00000	0,00000	0,00000
0,02918	0,00386	0,00045	0,00005	0,00000	0,00000	0,00000
0,03138	0,00422	0,00050	0,00005	0,00000	0,00000	0,00000
0,03372	0,00460	0,00055	0,00006	0,00001	0,00000	0,00000
0,03621	0,00502	0,00061	0,00007	0,00001	0,00000	0,00000
0,03885	0,00547	0,00067	0,00007	0,00001	0,00000	0,00000
0,04165	0,00595	0,00074	0,00008	0,00001	0,00000	0,00000
0,04463	0,00647	0,00082	0,00009	0,00001	0,00000	0,00000
0,04778	0,00703	0,00091	0,00010	0,00001	0,00000	0,00000
0,05113	0,00763	0,00100	0,00012	0,00001	0,00000	0,00000
0,05467	0,00828	0,00110	0,00013	0,00001	0,00000	0,00000
0,05842	0,00898	0,00121	0,00015	0,00002	0,00000	0,00000
0,06238	0,00972	0,00133	0,00016	0,00002	0,00000	0,00000
0,06658	0,01052	0,00146	0,00018	0,00002	0,00000	0,00000
0,07100	0,01138	0,00160	0,00020	0,00002	0,00000	0,00000
0,07568	0,01230	0,00176	0,00022	0,00003	0,00000	0,00000
0,08061	0,01329	0,00193	0,00025	0,00003	0,00000	0,00000
0,08582	0,01434	0,00211	0,00028	0,00003	0,00000	0,00000
0,09130	0,01547	0,00231	0,00031	0,00004	0,00000	0,00000
0,09708	0,01668	0,00252	0,00034	0,00004	0,00000	0,00000
0,10316	0,01796	0,00275	0,00038	0,00005	0,00001	0,00000
0,10957	0,01933	0,00301	0,00042	0,00005	0,00001	0,00000
0,11630	0,02080	0,00328	0,00046	0,00006	0,00001	0,00000
0,12337	0,02236	0,00357	0,00051	0,00007	0,00001	0,00000
0,13081	0,02402	0,00389	0,00056	0,00007	0,00001	0,00000
0,13862	0,02579	0,00423	0,00062	0,00008	0,00001	0,00000
0,14681	0,02767	0,00460	0,00068	0,00009	0,00001	0,00000
0,15540	0,02967	0,00500	0,00075	0,00010	0,00001	0,00000
0,16441	0,03179	0,00543	0,00083	0,00011	0,00001	0,00000
0,17385	0,03405	0,00589	0,00091	0,00013	0,00002	0,00000
0,18374	0,03644	0,00639	0,00100	0,00014	0,00002	0,00000
0,19409	0,03898	0,00692	0,00110	0,00016	0,00002	0,00000
0,20491	0,04167	0,00750	0,00121	0,00017	0,00002	0,00000
0,21624	0,04452	0,00811	0,00132	0,00019	0,00003	0,00000
0,22807	0,04754	0,00877	0,00145	0,00022	0,00003	0,00000
0,24044	0,05074	0,00948	0,00159	0,00024	0,00003	0,00000
0,25335	0,05412	0,01024	0,00173	0,00026	0,00004	0,00000
0,26683	0,05769	0,01105	0,00190	0,00029	0,00004	0,00001
0,28089	0,06146	0,01192	0,00207	0,00032	0,00005	0,00001
0,29556	0,06545	0,01286	0,00226	0,00036	0,00005	0,00001
0,31084	0,06965	0,01385	0,00247	0,00040	0,00006	0,00001
0,32676	0,07409	0,01491	0,00269	0,00044	0,00007	0,00001
0,34334	0,07876	0,01605	0,00293	0,00048	0,00007	0,00001
0,36060	0,08369	0,01726	0,00319	0,00053	0,00008	0,00001
0,37856	0,08888	0,01855	0,00347	0,00059	0,00009	0,00001
0,39723	0,09434	0,01992	0,00378	0,00065	0,00010	0,00001
0,41665	0,10008	0,02139	0,00410	0,00071	0,00011	0,00002
0,43682	0,10612	0,02295	0,00446	0,00078	0,00013	0,00002
0,45776	0,11247	0,02461	0,00484	0,00086	0,00014	0,00002
0,47951	0,11914	0,02637	0,00525	0,00094	0,00016	0,00002
0,50208	0,12614	0,02825	0,00569	0,00104	0,00017	0,00003

0,52549	0,13349	0,03024	0,00616	0,00114	0,00019	0,00003
0,54977	0,14120	0,03235	0,00667	0,00125	0,00021	0,00003
0,57492	0,14928	0,03459	0,00721	0,00136	0,00024	0,00004
0,60099	0,15774	0,03697	0,00780	0,00149	0,00026	0,00004
0,62798	0,16661	0,03949	0,00843	0,00163	0,00029	0,00005
0,65592	0,17589	0,04216	0,00910	0,00178	0,00032	0,00005
0,68483	0,18561	0,04498	0,00982	0,00195	0,00035	0,00006
0,71473	0,19577	0,04797	0,01060	0,00213	0,00039	0,00007
0,74565	0,20639	0,05113	0,01142	0,00232	0,00043	0,00007
0,77760	0,21749	0,05447	0,01231	0,00253	0,00047	0,00008
0,81061	0,22908	0,05800	0,01325	0,00275	0,00052	0,00009
0,84470	0,24118	0,06172	0,01426	0,00300	0,00058	0,00010
0,87990	0,25381	0,06565	0,01534	0,00326	0,00063	0,00011
0,91622	0,26698	0,06980	0,01649	0,00354	0,00070	0,00013
0,95368	0,28071	0,07417	0,01772	0,00385	0,00077	0,00014
0,99231	0,29502	0,07877	0,01902	0,00418	0,00084	0,00016
1,03213	0,30993	0,08362	0,02041	0,00454	0,00092	0,00017
1,07316	0,32545	0,08873	0,02190	0,00492	0,00101	0,00019
1,11543	0,34160	0,09410	0,02347	0,00533	0,00111	0,00021
1,15895	0,35840	0,09974	0,02515	0,00578	0,00122	0,00024
1,20374	0,37588	0,10568	0,02693	0,00626	0,00133	0,00026
1,24982	0,39404	0,11191	0,02882	0,00677	0,00146	0,00029
1,29723	0,41291	0,11846	0,03083	0,00732	0,00159	0,00032
1,34597	0,43250	0,12533	0,03296	0,00791	0,00174	0,00035
1,39607	0,45285	0,13254	0,03522	0,00854	0,00190	0,00039
1,44754	0,47396	0,14010	0,03761	0,00922	0,00208	0,00043
1,50042	0,49586	0,14802	0,04015	0,00995	0,00226	0,00048
1,55471	0,51856	0,15631	0,04283	0,01073	0,00247	0,00052
1,61043	0,54209	0,16500	0,04567	0,01156	0,00269	0,00058
1,66761	0,56647	0,17409	0,04868	0,01245	0,00293	0,00064
1,72627	0,59171	0,18360	0,05186	0,01340	0,00319	0,00070
1,78641	0,61785	0,19354	0,05521	0,01442	0,00346	0,00077
1,84807	0,64489	0,20393	0,05876	0,01550	0,00376	0,00084
1,91126	0,67286	0,21479	0,06250	0,01666	0,00409	0,00093
1,97598	0,70178	0,22612	0,06644	0,01789	0,00444	0,00102
2,04228	0,73168	0,23795	0,07060	0,01921	0,00481	0,00112
2,11015	0,76256	0,25029	0,07499	0,02060	0,00522	0,00122
2,17961	0,79446	0,26316	0,07960	0,02209	0,00565	0,00134
2,25069	0,82739	0,27657	0,08447	0,02368	0,00612	0,00146
2,32339	0,86138	0,29054	0,08958	0,02536	0,00662	0,00160
2,39773	0,89644	0,30510	0,09496	0,02715	0,00716	0,00175
2,47372	0,93260	0,32025	0,10062	0,02905	0,00774	0,00191
2,55138	0,96988	0,33601	0,10656	0,03107	0,00836	0,00209
2,63073	1,00829	0,35240	0,11280	0,03321	0,00903	0,00228
2,71176	1,04787	0,36945	0,11935	0,03548	0,00974	0,00248
2,79451	1,08862	0,38716	0,12623	0,03788	0,01051	0,00270
2,87897	1,13057	0,40556	0,13343	0,04043	0,01132	0,00294
2,96516	1,17374	0,42466	0,14099	0,04312	0,01220	0,00320
3,05310	1,21815	0,44449	0,14891	0,04598	0,01313	0,00348
3,14278	1,26382	0,46506	0,15720	0,04899	0,01413	0,00379
3,23422	1,31076	0,48640	0,16587	0,05218	0,01520	0,00411
3,32744	1,35901	0,50851	0,17495	0,05555	0,01633	0,00446
3,42243	1,40857	0,53143	0,18445	0,05910	0,01754	0,00484

3,51921	1,45947	0,55517	0,19437	0,06285	0,01884	0,00525
3,61778	1,51173	0,57975	0,20474	0,06681	0,02021	0,00569
3,71816	1,56536	0,60519	0,21557	0,07098	0,02168	0,00616
3,82034	1,62038	0,63152	0,22688	0,07538	0,02324	0,00667
3,92433	1,67682	0,65874	0,23867	0,08001	0,02489	0,00721
4,03015	1,73468	0,68688	0,25097	0,08488	0,02666	0,00780
4,13779	1,79398	0,71597	0,26380	0,09001	0,02853	0,00843
4,24725	1,85475	0,74601	0,27716	0,09540	0,03051	0,00910
4,35855	1,91700	0,77704	0,29108	0,10107	0,03262	0,00982
4,47168	1,98074	0,80907	0,30558	0,10702	0,03486	0,01059
4,58664	2,04600	0,84212	0,32066	0,11327	0,03723	0,01142
4,70345	2,11278	0,87621	0,33635	0,11983	0,03974	0,01230
4,82209	2,18110	0,91137	0,35267	0,12672	0,04239	0,01325
4,94258	2,25099	0,94760	0,36962	0,13394	0,04521	0,01426
5,06491	2,32244	0,98494	0,38724	0,14150	0,04818	0,01533
5,18908	2,39548	1,02340	0,40554	0,14942	0,05132	0,01648
5,31508	2,47012	1,06300	0,42453	0,15772	0,05465	0,01771
5,44293	2,54637	1,10376	0,44424	0,16640	0,05815	0,01902
5,57261	2,62424	1,14571	0,46469	0,17549	0,06185	0,02041
5,70413	2,70376	1,18885	0,48588	0,18498	0,06576	0,02189
5,83748	2,78492	1,23321	0,50785	0,19491	0,06988	0,02347
5,97266	2,86774	1,27881	0,53061	0,20528	0,07422	0,02515
6,10966	2,95224	1,32567	0,55418	0,21611	0,07879	0,02693
6,24847	3,03842	1,37381	0,57858	0,22741	0,08360	0,02883
6,38911	3,12629	1,42324	0,60383	0,23920	0,08866	0,03084
6,53155	3,21586	1,47398	0,62994	0,25149	0,09398	0,03297
6,67579	3,30714	1,52606	0,65695	0,26431	0,09958	0,03523
6,82183	3,40014	1,57948	0,68486	0,27766	0,10546	0,03763
6,96966	3,49486	1,63427	0,71370	0,29156	0,11164	0,04018
7,11926	3,59132	1,69044	0,74348	0,30604	0,11812	0,04287
7,27065	3,68952	1,74801	0,77423	0,32110	0,12492	0,04572
7,42379	3,78947	1,80700	0,80597	0,33676	0,13205	0,04873
7,57870	3,89117	1,86743	0,83871	0,35304	0,13952	0,05191
7,73535	3,99463	1,92930	0,87248	0,36997	0,14735	0,05528
7,89373	4,09985	1,99264	0,90730	0,38755	0,15555	0,05883
8,05384	4,20684	2,05746	0,94317	0,40580	0,16413	0,06258
8,21567	4,31561	2,12378	0,98013	0,42474	0,17311	0,06654
8,37921	4,42614	2,19160	1,01820	0,44440	0,18250	0,07071
8,54444	4,53846	2,26096	1,05739	0,46478	0,19231	0,07511
8,71135	4,65255	2,33184	1,09772	0,48591	0,20256	0,07974
8,87993	4,76843	2,40429	1,13921	0,50781	0,21326	0,08462
9,05017	4,88609	2,47829	1,18188	0,53049	0,22443	0,08975
9,22205	5,00553	2,55388	1,22574	0,55398	0,23609	0,09515
9,39557	5,12676	2,63105	1,27083	0,57829	0,24824	0,10082
9,57070	5,24977	2,70983	1,31715	0,60343	0,26091	0,10678
9,74744	5,37456	2,79021	1,36472	0,62944	0,27411	0,11304
9,92577	5,50114	2,87223	1,41357	0,65633	0,28786	0,11961
10,10567	5,62949	2,95587	1,46371	0,68412	0,30217	0,12651
10,28714	5,75962	3,04117	1,51515	0,71283	0,31706	0,13374
10,47015	5,89153	3,12811	1,56792	0,74247	0,33255	0,14132
10,65469	6,02521	3,21672	1,62203	0,77307	0,34866	0,14926
10,84075	6,16066	3,30701	1,67750	0,80465	0,36540	0,15758
11,02830	6,29787	3,39897	1,73434	0,83722	0,38278	0,16628

11,21734	6,43683	3,49262	1,79258	0,87081	0,40084	0,17539
11,40785	6,57756	3,58797	1,85222	0,90543	0,41958	0,18491
11,59981	6,72003	3,68501	1,91328	0,94111	0,43902	0,19487
11,79320	6,86424	3,78377	1,97579	0,97786	0,45918	0,20527
11,98801	7,01019	3,88424	2,03975	1,01570	0,48009	0,21614
12,18421	7,15787	3,98643	2,10518	1,05465	0,50175	0,22748
12,38180	7,30727	4,09035	2,17209	1,09473	0,52419	0,23931
12,58076	7,45839	4,19599	2,24049	1,13596	0,54743	0,25165
12,78106	7,61121	4,30337	2,31041	1,17836	0,57148	0,26451
12,98269	7,76572	4,41248	2,38185	1,22194	0,59637	0,27792
13,18564	7,92193	4,52334	2,45483	1,26672	0,62211	0,29188
13,38987	8,07982	4,63593	2,52936	1,31273	0,64872	0,30642
13,59539	8,23937	4,75027	2,60545	1,35998	0,67623	0,32156
13,80215	8,40058	4,86635	2,68311	1,40849	0,70465	0,33730
14,01016	8,56345	4,98418	2,76236	1,45827	0,73399	0,35367
14,21939	8,72795	5,10376	2,84320	1,50934	0,76429	0,37068
14,42981	8,89408	5,22508	2,92565	1,56173	0,79556	0,38836
14,64142	9,06182	5,34815	3,00971	1,61544	0,82782	0,40672
14,85419	9,23117	5,47296	3,09540	1,67050	0,86108	0,42579
15,06811	9,40211	5,59952	3,18273	1,72692	0,89538	0,44557
15,28315	9,57463	5,72782	3,27170	1,78472	0,93072	0,46609
15,49929	9,74871	5,85786	3,36232	1,84390	0,96713	0,48737
15,71653	9,92435	5,98964	3,45460	1,90450	1,00462	0,50943
15,93483	10,10153	6,12315	3,54856	1,96653	1,04323	0,53229
16,15418	10,28024	6,25840	3,64418	2,02999	1,08295	0,55597
16,37455	10,46046	6,39536	3,74149	2,09491	1,12383	0,58048
16,59594	10,64217	6,53406	3,84048	2,16129	1,16586	0,60585
16,81832	10,82537	6,67447	3,94117	2,22917	1,20908	0,63210
17,04167	11,01005	6,81659	4,04356	2,29853	1,25351	0,65925
17,26597	11,19617	6,96041	4,14765	2,36941	1,29915	0,68732
17,49120	11,38374	7,10594	4,25345	2,44182	1,34603	0,71633
17,71735	11,57273	7,25316	4,36096	2,51576	1,39417	0,74630
17,94439	11,76312	7,40207	4,47019	2,59125	1,44359	0,77725
18,17230	11,95491	7,55266	4,58114	2,66830	1,49431	0,80920
18,40107	12,14808	7,70492	4,69380	2,74693	1,54634	0,84218
18,63068	12,34261	7,85884	4,80819	2,82714	1,59970	0,87621
18,86110	12,53849	8,01442	4,92431	2,90896	1,65441	0,91130
19,09233	12,73569	8,17165	5,04215	2,99237	1,71048	0,94748
19,32433	12,93421	8,33052	5,16172	3,07741	1,76795	0,98476
19,55709	13,13402	8,49101	5,28302	3,16408	1,82681	1,02318
19,79059	13,33511	8,65312	5,40605	3,25238	1,88710	1,06276
20,02481	13,53746	8,81684	5,53081	3,34234	1,94882	1,10350
20,25973	13,74106	8,98216	5,65729	3,43394	2,01199	1,14544
20,49534	13,94588	9,14907	5,78550	3,52722	2,07663	1,18860
20,73162	14,15191	9,31755	5,91543	3,62217	2,14277	1,23299
20,96854	14,35914	9,48760	6,04709	3,71880	2,21040	1,27864
21,20609	14,56754	9,65921	6,18046	3,81712	2,27955	1,32558
21,44425	14,77710	9,83236	6,31556	3,91713	2,35023	1,37381
21,68301	14,98780	10,00704	6,45237	4,01885	2,42246	1,42337
21,92233	15,19962	10,18323	6,59089	4,12228	2,49626	1,47427
22,16222	15,41255	10,36093	6,73112	4,22742	2,57164	1,52654
22,40264	15,62656	10,54013	6,87305	4,33429	2,64861	1,58019
22,64358	15,84165	10,72081	7,01668	4,44288	2,72718	1,63526

22,88502	16,05778	10,90295	7,16200	4,55321	2,80738	1,69174
23,12694	16,27495	11,08655	7,30902	4,66527	2,88921	1,74968
23,36934	16,49314	11,27159	7,45772	4,77907	2,97269	1,80909
23,61218	16,71232	11,45806	7,60809	4,89461	3,05784	1,86998
23,85546	16,93248	11,64594	7,76014	5,01191	3,14466	1,93239
24,09915	17,15361	11,83521	7,91386	5,13095	3,23316	1,99633
24,34324	17,37568	12,02588	8,06923	5,25175	3,32337	2,06181
24,58771	17,59867	12,21791	8,22626	5,37431	3,41528	2,12887
24,83255	17,82258	12,41131	8,38493	5,49862	3,50893	2,19751
25,07773	18,04738	12,60604	8,54524	5,62470	3,60430	2,26777
25,32325	18,27305	12,80210	8,70718	5,75253	3,70142	2,33965
25,56909	18,49958	12,99948	8,87074	5,88214	3,80030	2,41317
25,81522	18,72694	13,19815	9,03592	6,01350	3,90095	2,48837
26,06164	18,95513	13,39811	9,20270	6,14664	4,00337	2,56525
26,30833	19,18413	13,59934	9,37108	6,28153	4,10758	2,64383
26,55528	19,41391	13,80182	9,54105	6,41820	4,21359	2,72413
26,80246	19,64446	14,00554	9,71260	6,55663	4,32140	2,80617
27,04986	19,87576	14,21048	9,88572	6,69682	4,43103	2,88996
27,29748	20,10780	14,41664	10,06040	6,83878	4,54248	2,97553
27,54528	20,34055	14,62398	10,23663	6,98251	4,65577	3,06289
27,79327	20,57401	14,83251	10,41441	7,12800	4,77090	3,15206
28,04142	20,80816	15,04220	10,59372	7,27524	4,88787	3,24305
28,28972	21,04297	15,25304	10,77456	7,42425	5,00670	3,33588
28,53816	21,27844	15,46501	10,95690	7,57501	5,12740	3,43057
28,78673	21,51454	15,67810	11,14076	7,72753	5,24996	3,52713
29,03540	21,75127	15,89230	11,32610	7,88180	5,37440	3,62557
29,28417	21,98860	16,10758	11,51293	8,03782	5,50073	3,72592
29,53303	22,22652	16,32394	11,70123	8,19559	5,62894	3,82818
29,78195	22,46501	16,54136	11,89099	8,35510	5,75905	3,93238
30,03094	22,70407	16,75982	12,08221	8,51635	5,89105	4,03852
30,27997	22,94366	16,97932	12,27487	8,67934	6,02497	4,14661
30,52903	23,18379	17,19983	12,46896	8,84407	6,16079	4,25668
30,77812	23,42443	17,42134	12,66447	9,01052	6,29853	4,36874
31,02721	23,66557	17,64384	12,86139	9,17870	6,43818	4,48279
31,27631	23,90719	17,86732	13,05970	9,34860	6,57976	4,59885
31,52539	24,14929	18,09175	13,25941	9,52021	6,72327	4,71693
31,77445	24,39184	18,31713	13,46050	9,69354	6,86870	4,83705
32,02348	24,63483	18,54344	13,66295	9,86858	7,01607	4,95921
32,27246	24,87826	18,77066	13,86676	10,04532	7,16537	5,08343
32,52139	25,12210	18,99879	14,07191	10,22375	7,31661	5,20971
32,77025	25,36635	19,22781	14,27840	10,40388	7,46980	5,33806
33,01904	25,61099	19,45771	14,48622	10,58570	7,62492	5,46850
33,26774	25,85601	19,68848	14,69535	10,76920	7,78199	5,60104
33,51636	26,10139	19,92009	14,90578	10,95438	7,94100	5,73568
33,76487	26,34713	20,15255	15,11750	11,14123	8,10196	5,87243
34,01327	26,59321	20,38583	15,33051	11,32974	8,26487	6,01130
34,26155	26,83962	20,61993	15,54479	11,51991	8,42972	6,15229
34,50971	27,08636	20,85482	15,76034	11,71174	8,59652	6,29542
34,75773	27,33340	21,09051	15,97713	11,90521	8,76527	6,44069
35,00561	27,58074	21,32698	16,19516	12,10032	8,93597	6,58811
35,25334	27,82837	21,56421	16,41443	12,29707	9,10862	6,73768
35,50091	28,07627	21,80220	16,63492	12,49545	9,28321	6,88941
35,74832	28,32445	22,04093	16,85661	12,69545	9,45975	7,04331

35,99556	28,57288	22,28040	17,07951	12,89707	9,63823	7,19937
36,24262	28,82156	22,52059	17,30360	13,10029	9,81865	7,35760
36,48951	29,07048	22,76149	17,52888	13,30512	10,00101	7,51802
36,73620	29,31963	23,00309	17,75532	13,51154	10,18532	7,68061
36,98270	29,56901	23,24538	17,98292	13,71955	10,37155	7,84538
37,22900	29,81860	23,48835	18,21168	13,92914	10,55973	8,01235
37,47510	30,06839	23,73200	18,44158	14,14031	10,74983	8,18150
37,72100	30,31839	23,97631	18,67262	14,35304	10,94186	8,35283
37,96668	30,56857	24,22127	18,90478	14,56734	11,13581	8,52636
38,21214	30,81894	24,46687	19,13805	14,78318	11,33168	8,70209
38,45739	31,06949	24,71311	19,37243	15,00058	11,52947	8,88000
38,70241	31,32020	24,95998	19,60791	15,21951	11,72917	9,06011
38,94721	31,57109	25,20747	19,84447	15,43997	11,93078	9,24240
39,19177	31,82212	25,45556	20,08212	15,66195	12,13429	9,42689
39,43611	32,07332	25,70426	20,32084	15,88545	12,33970	9,61357
39,68021	32,32465	25,95355	20,56062	16,11046	12,54700	9,80244
39,92407	32,57613	26,20342	20,80145	16,33697	12,75619	9,99349
40,16770	32,82775	26,45388	21,04333	16,56497	12,96726	10,18673
40,41109	33,07950	26,70491	21,28625	16,79446	13,18021	10,38214
40,65423	33,33137	26,95650	21,53019	17,02542	13,39502	10,57974
40,89713	33,58337	27,20865	21,77516	17,25785	13,61170	10,77951
41,13979	33,83549	27,46135	22,02114	17,49174	13,83023	10,98144
41,38221	34,08772	27,71460	22,26812	17,72708	14,05061	11,18555
41,62438	34,34006	27,96839	22,51610	17,96387	14,27284	11,39181
41,86631	34,59252	28,22271	22,76507	18,20209	14,49690	11,60023
42,10799	34,84508	28,47756	23,01503	18,44175	14,72279	11,81079
42,34943	35,09774	28,73292	23,26595	18,68282	14,95049	12,02350
42,59063	35,35050	28,98881	23,51785	18,92530	15,18001	12,23834
42,83158	35,60336	29,24520	23,77070	19,16918	15,41133	12,45532
43,07230	35,85631	29,50210	24,02450	19,41446	15,64445	12,67441
43,31277	36,10936	29,75951	24,27925	19,66112	15,87935	12,89562
43,55301	36,36250	30,01740	24,53493	19,90916	16,11603	13,11893
43,79300	36,61573	30,27579	24,79155	20,15857	16,35447	13,34435
44,03277	36,86905	30,53467	25,04908	20,40933	16,59467	13,57185
44,27230	37,12246	30,79402	25,30753	20,66144	16,83662	13,80143
44,51159	37,37596	31,05386	25,56689	20,91490	17,08031	14,03308
44,75067	37,62954	31,31417	25,82715	21,16968	17,32573	14,26678
44,98951	37,88320	31,57495	26,08831	21,42579	17,57286	14,50254
45,22813	38,13696	31,83619	26,35035	21,68321	17,82171	14,74034
45,46654	38,39079	32,09790	26,61327	21,94194	18,07224	14,98017
45,70472	38,64472	32,36007	26,87707	22,20196	18,32447	15,22201
45,94269	38,89872	32,62269	27,14173	22,46326	18,57837	15,46586
46,18046	39,15281	32,88576	27,40725	22,72584	18,83393	15,71170
46,41801	39,40699	33,14928	27,67363	22,98968	19,09114	15,95951
46,65536	39,66125	33,41325	27,94085	23,25478	19,34999	16,20930
46,89251	39,91560	33,67765	28,20891	23,52112	19,61047	16,46104
47,12947	40,17003	33,94250	28,47780	23,78870	19,87257	16,71473
47,36624	40,42456	34,20778	28,74752	24,05750	20,13627	16,97034
47,60281	40,67916	34,47349	29,01805	24,32752	20,40155	17,22787
47,83921	40,93386	34,73963	29,28940	24,59874	20,66842	17,48729
48,07542	41,18865	35,00620	29,56155	24,87116	20,93685	17,74860
48,31146	41,44353	35,27319	29,83450	25,14477	21,20683	18,01178
48,54733	41,69849	35,54060	30,10824	25,41954	21,47835	18,27682

48,78304	41,95355	35,80843	30,38276	25,69548	21,75139	18,54369
49,01858	42,20871	36,07667	30,65806	25,97257	22,02595	18,81239
49,25396	42,46396	36,34532	30,93413	26,25080	22,30200	19,08290
49,48919	42,71930	36,61439	31,21096	26,53017	22,57953	19,35520
49,72428	42,97474	36,88386	31,48855	26,81065	22,85853	19,62927
49,95922	43,23028	37,15373	31,76689	27,09224	23,13898	19,90511
50,19402	43,48592	37,42400	32,04596	27,37492	23,42088	20,18269
50,42868	43,74166	37,69466	32,32577	27,65869	23,70419	20,46199
50,66321	43,99750	37,96573	32,60631	27,94354	23,98892	20,74299
50,89762	44,25344	38,23718	32,88757	28,22944	24,27504	21,02569
51,13191	44,50949	38,50902	33,16953	28,51640	24,56254	21,31006
51,36608	44,76564	38,78124	33,45220	28,80439	24,85140	21,59609
51,60013	45,02189	39,05385	33,73557	29,09341	25,14161	21,88374
51,83408	45,27825	39,32683	34,01962	29,38345	25,43315	22,17302
52,06792	45,53472	39,60019	34,30436	29,67448	25,72601	22,46389
52,30166	45,79129	39,87391	34,58976	29,96651	26,02016	22,75634
52,53531	46,04797	40,14801	34,87584	30,25951	26,31560	23,05035
52,76886	46,30476	40,42247	35,16256	30,55348	26,61230	23,34591
53,00232	46,56166	40,69729	35,44994	30,84840	26,91025	23,64298
53,23570	46,81867	40,97246	35,73795	31,14425	27,20944	23,94155
53,46899	47,07578	41,24799	36,02659	31,44103	27,50984	24,24160
53,70221	47,33301	41,52386	36,31585	31,73873	27,81144	24,54312
53,93535	47,59034	41,80008	36,60573	32,03732	28,11422	24,84607
54,16842	47,84778	42,07663	36,89621	32,33680	28,41817	25,15045
54,40141	48,10534	42,35352	37,18729	32,63715	28,72326	25,45622
54,63435	48,36299	42,63074	37,47895	32,93835	29,02948	25,76337
54,86721	48,62076	42,90828	37,77119	33,24041	29,33681	26,07188
55,10002	48,87863	43,18615	38,06399	33,54329	29,64523	26,38172
55,33276	49,13660	43,46432	38,35735	33,84699	29,95473	26,69288
55,56545	49,39468	43,74281	38,65126	34,15148	30,26529	27,00533
55,79808	49,65286	44,02160	38,94570	34,45677	30,57688	27,31905
56,03066	49,91114	44,30069	39,24067	34,76283	30,88949	27,63402
56,26318	50,16952	44,58007	39,53616	35,06965	31,20309	27,95022
56,49566	50,42799	44,85973	39,83215	35,37720	31,51768	28,26762
56,72808	50,68656	45,13967	40,12864	35,68549	31,83324	28,58621
56,96045	50,94522	45,41989	40,42561	35,99449	32,14973	28,90595
57,19277	51,20397	45,70037	40,72305	36,30418	32,46715	29,22683
57,42504	51,46280	45,98111	41,02095	36,61456	32,78547	29,54883
57,65726	51,72171	46,26210	41,31931	36,92560	33,10467	29,87192
57,88943	51,98070	46,54334	41,61810	37,23729	33,42474	30,19607
58,12155	52,23977	46,82481	41,91732	37,54961	33,74565	30,52127
58,35361	52,49890	47,10651	42,21696	37,86255	34,06738	30,84750
58,58563	52,75810	47,38843	42,51699	38,17609	34,38992	31,17472
58,81759	53,01737	47,67056	42,81742	38,49021	34,71324	31,50291
59,04949	53,27669	47,95290	43,11822	38,80490	35,03732	31,83205
59,28134	53,53606	48,23543	43,41938	39,12014	35,36214	32,16212
59,51312	53,79548	48,51815	43,72090	39,43591	35,68768	32,49309
59,74484	54,05493	48,80104	44,02275	39,75220	36,01392	32,82494
59,97650	54,31443	49,08410	44,32493	40,06898	36,34084	33,15764
60,20809	54,57395	49,36731	44,62742	40,38624	36,66841	33,49117
60,43960	54,83349	49,65068	44,93020	40,70397	36,99661	33,82551
60,67104	55,09305	49,93417	45,23326	41,02213	37,32543	34,16062
60,90240	55,35262	50,21780	45,53659	41,34072	37,65484	34,49648

61,13368	55,61218	50,50154	45,84017	41,65972	37,98481	34,83307
61,36487	55,87174	50,78538	46,14399	41,97910	38,31533	35,17036
61,59596	56,13129	51,06931	46,44804	42,29886	38,64637	35,50833
61,82695	56,39081	51,35333	46,75228	42,61896	38,97791	35,84695
62,05784	56,65030	51,63741	47,05672	42,93938	39,30992	36,18619
62,28862	56,90975	51,92155	47,36133	43,26012	39,64239	36,52603
62,51928	57,16915	52,20573	47,66611	43,58115	39,97529	36,86643
62,74982	57,42849	52,48994	47,97102	43,90245	40,30860	37,20739
62,98023	57,68776	52,77417	48,27606	44,22399	40,64228	37,54886
63,21050	57,94695	53,05840	48,58120	44,54576	40,97632	37,89082
63,44063	58,20606	53,34263	48,88644	44,86774	41,31070	38,23325
63,67061	58,46506	53,62683	49,19175	45,18991	41,64539	38,57611
63,90042	58,72396	53,91099	49,49711	45,51224	41,98036	38,91938
64,13007	58,98273	54,19510	49,80252	45,83472	42,31559	39,26302
64,35955	59,24136	54,47914	50,10794	46,15731	42,65105	39,60703
64,58883	59,49986	54,76310	50,41336	46,48001	42,98672	39,95135
64,81792	59,75819	55,04696	50,71876	46,80278	43,32258	40,29597
65,04681	60,01636	55,33071	51,02413	47,12560	43,65859	40,64085
65,27548	60,27434	55,61433	51,32944	47,44846	43,99474	40,98598
65,50393	60,53213	55,89780	51,63467	47,77133	44,33099	41,33131
65,73215	60,78970	56,18111	51,93980	48,09418	44,66732	41,67682
65,96012	61,04706	56,46424	52,24482	48,41699	45,00370	42,02248
66,18783	61,30418	56,74718	52,54970	48,73974	45,34010	42,36826
66,41528	61,56105	57,02990	52,85443	49,06241	45,67651	42,71413
66,64245	61,81765	57,31239	53,15897	49,38496	46,01288	43,06006
66,86932	62,07397	57,59463	53,46332	49,70738	46,34920	43,40602
67,09590	62,33000	57,87660	53,76744	50,02964	46,68543	43,75197
67,32215	62,58572	58,15829	54,07133	50,35171	47,02155	44,09789
67,54810	62,84110	58,43968	54,37493	50,67359	47,35751	44,44376
67,77366	63,09618	58,72071	54,67828	50,99519	47,69335	44,78950
67,99896	63,35080	59,00149	54,98123	51,31662	48,02889	45,13519
68,22368	63,60528	59,28168	55,28408	51,63754	48,36441	45,48053
68,44854	63,85882	59,56205	55,58601	51,95869	48,69917	45,82614
68,67174	64,11329	59,84065	55,88892	52,27818	49,03489	46,17038
68,89764	64,36404	60,12219	56,18808	52,60055	49,36721	46,51723
69,11535	64,62256	60,39488	56,49518	52,91440	49,70691	46,85658
69,35226	64,85982	60,68841	56,78060	53,24847	50,02655	47,21401
69,53838	65,15000	60,92668	57,12018	53,52886	50,39660	47,52347
69,85491	65,30069	61,30722	57,31663	53,94795	50,63318	47,95738
69,82589	65,81775	61,30987	57,89009	53,99765	51,22236	48,05906
70,71882	65,35234	62,32321	57,44991	55,03804	50,86101	49,05436
69,11102	67,55087	60,58857	59,76516	53,37771	53,09062	47,60696
74,37327	62,41875	66,42060	54,47924	59,17314	48,15381	52,92120
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0,00303	0,00090	0,00060	0,00155	0,00530	0,01743	0,05351
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0,00359	0,00109	0,00073	0,00184	0,00616	0,01987	0,05992
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0,00542	0,00174	0,00118	0,00279	0,00887	0,02733	0,07886
0,00588	0,00190	0,00129	0,00303	0,00953	0,02908	0,08320
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0,00873	0,00297	0,00204	0,00451	0,01350	0,03940	0,10806
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0,01018	0,00354	0,00244	0,00527	0,01547	0,04434	0,11960
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0,01185	0,00420	0,00291	0,00615	0,01768	0,04981	0,13216
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0,01593	0,00588	0,00411	0,00831	0,02295	0,06248	0,16055
0,01714	0,00638	0,00447	0,00894	0,02447	0,06605	0,16839
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0,01979	0,00751	0,00529	0,01035	0,02777	0,07371	0,18499
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0,02445	0,00955	0,00677	0,01284	0,03345	0,08660	0,21239
0,02621	0,01034	0,00735	0,01378	0,03555	0,09130	0,22221
0,02808	0,01118	0,00796	0,01478	0,03777	0,09622	0,23241
0,03007	0,01208	0,00862	0,01585	0,04011	0,10135	0,24298
0,03218	0,01305	0,00934	0,01699	0,04258	0,10671	0,25393
0,03443	0,01409	0,01010	0,01819	0,04517	0,11230	0,26527
0,03681	0,01520	0,01092	0,01948	0,04790	0,11814	0,27702
0,03933	0,01639	0,01181	0,02084	0,05078	0,12423	0,28917
0,04200	0,01767	0,01275	0,02229	0,05380	0,13058	0,30175
0,04484	0,01903	0,01376	0,02383	0,05697	0,13719	0,31476
0,04784	0,02048	0,01485	0,02546	0,06030	0,14408	0,32821
0,05101	0,02203	0,01601	0,02720	0,06380	0,15125	0,34211
0,05437	0,02369	0,01725	0,02903	0,06747	0,15872	0,35647
0,05792	0,02546	0,01858	0,03097	0,07132	0,16648	0,37130
0,06167	0,02734	0,02000	0,03303	0,07536	0,17456	0,38661
0,06563	0,02935	0,02152	0,03521	0,07959	0,18295	0,40240
0,06982	0,03149	0,02313	0,03752	0,08402	0,19167	0,41870

0,07423	0,03376	0,02486	0,03995	0,08866	0,20073	0,43550
0,07888	0,03618	0,02670	0,04253	0,09352	0,21013	0,45283
0,08378	0,03875	0,02866	0,04525	0,09860	0,21989	0,47068
0,08895	0,04148	0,03074	0,04812	0,10391	0,23001	0,48906
0,09438	0,04438	0,03296	0,05116	0,10946	0,24051	0,50800
0,10010	0,04746	0,03532	0,05435	0,11526	0,25139	0,52749
0,10612	0,05072	0,03783	0,05773	0,12132	0,26266	0,54755
0,11245	0,05418	0,04050	0,06128	0,12764	0,27434	0,56819
0,11910	0,05784	0,04333	0,06503	0,13425	0,28643	0,58941
0,12608	0,06172	0,04634	0,06897	0,14113	0,29894	0,61122
0,13342	0,06583	0,04952	0,07312	0,14831	0,31189	0,63364
0,14111	0,07017	0,05290	0,07749	0,15579	0,32528	0,65668
0,14918	0,07476	0,05648	0,08208	0,16359	0,33912	0,68034
0,15764	0,07961	0,06027	0,08691	0,17171	0,35343	0,70463
0,16650	0,08472	0,06428	0,09198	0,18016	0,36821	0,72956
0,17578	0,09013	0,06852	0,09731	0,18896	0,38348	0,75514
0,18550	0,09583	0,07300	0,10290	0,19811	0,39924	0,78138
0,19567	0,10183	0,07774	0,10877	0,20763	0,41550	0,80829
0,20631	0,10816	0,08274	0,11493	0,21752	0,43229	0,83588
0,21743	0,11483	0,08802	0,12138	0,22780	0,44960	0,86415
0,22906	0,12185	0,09359	0,12815	0,23849	0,46744	0,89312
0,24120	0,12923	0,09947	0,13523	0,24958	0,48584	0,92279
0,25387	0,13699	0,10566	0,14265	0,26109	0,50479	0,95318
0,26710	0,14515	0,11217	0,15042	0,27304	0,52432	0,98428
0,28090	0,15372	0,11904	0,15855	0,28544	0,54442	1,01611
0,29529	0,16272	0,12626	0,16705	0,29829	0,56512	1,04868
0,31029	0,17217	0,13385	0,17594	0,31162	0,58642	1,08199
0,32592	0,18208	0,14183	0,18523	0,32543	0,60833	1,11606
0,34219	0,19246	0,15022	0,19493	0,33973	0,63087	1,15088
0,35914	0,20335	0,15902	0,20507	0,35455	0,65405	1,18647
0,37677	0,21474	0,16826	0,21565	0,36989	0,67787	1,22284
0,39510	0,22668	0,17796	0,22668	0,38577	0,70235	1,25999
0,41417	0,23917	0,18813	0,23820	0,40220	0,72750	1,29793
0,43399	0,25223	0,19878	0,25020	0,41920	0,75333	1,33666
0,45458	0,26588	0,20994	0,26271	0,43677	0,77985	1,37620
0,47596	0,28015	0,22163	0,27575	0,45494	0,80707	1,41656
0,49815	0,29506	0,23386	0,28933	0,47371	0,83501	1,45773
0,52118	0,31061	0,24665	0,30346	0,49311	0,86367	1,49972
0,54507	0,32685	0,26002	0,31817	0,51314	0,89307	1,54255
0,56984	0,34378	0,27400	0,33348	0,53383	0,92322	1,58622
0,59552	0,36144	0,28860	0,34939	0,55519	0,95413	1,63073
0,62212	0,37984	0,30385	0,36594	0,57722	0,98581	1,67609
0,64967	0,39900	0,31976	0,38313	0,59996	1,01827	1,72231
0,67820	0,41895	0,33636	0,40099	0,62341	1,05153	1,76940
0,70772	0,43972	0,35367	0,41954	0,64759	1,08559	1,81735
0,73827	0,46132	0,37170	0,43880	0,67252	1,12047	1,86618
0,76986	0,48379	0,39050	0,45878	0,69821	1,15618	1,91589
0,80252	0,50714	0,41007	0,47951	0,72468	1,19272	1,96650
0,83627	0,53140	0,43044	0,50100	0,75194	1,23012	2,01799
0,87114	0,55659	0,45163	0,52329	0,78002	1,26838	2,07039
0,90715	0,58274	0,47367	0,54638	0,80892	1,30752	2,12369
0,94433	0,60988	0,49658	0,57031	0,83868	1,34755	2,17790
0,98270	0,63803	0,52039	0,59508	0,86929	1,38847	2,23303

1,02228	0,66722	0,54512	0,62074	0,90079	1,43030	2,28908
1,06311	0,69747	0,57079	0,64728	0,93318	1,47306	2,34606
1,10520	0,72881	0,59744	0,67475	0,96649	1,51675	2,40398
1,14858	0,76127	0,62508	0,70315	1,00073	1,56139	2,46283
1,19328	0,79487	0,65375	0,73252	1,03593	1,60698	2,52263
1,23932	0,82963	0,68346	0,76287	1,07210	1,65354	2,58338
1,28672	0,86560	0,71425	0,79424	1,10925	1,70109	2,64508
1,33551	0,90278	0,74614	0,82663	1,14741	1,74963	2,70775
1,38572	0,94122	0,77915	0,86009	1,18659	1,79918	2,77138
1,43736	0,98093	0,81332	0,89462	1,22682	1,84975	2,83598
1,49048	1,02195	0,84867	0,93025	1,26811	1,90134	2,90156
1,54508	1,06430	0,88523	0,96701	1,31048	1,95398	2,96813
1,60119	1,10801	0,92302	1,00492	1,35394	2,00768	3,03568
1,65884	1,15310	0,96207	1,04401	1,39853	2,06244	3,10423
1,71805	1,19961	1,00241	1,08429	1,44425	2,11829	3,17378
1,77885	1,24756	1,04407	1,12580	1,49113	2,17523	3,24433
1,84126	1,29698	1,08707	1,16855	1,53919	2,23327	3,31590
1,90531	1,34789	1,13144	1,21258	1,58844	2,29243	3,38848
1,97101	1,40033	1,17720	1,25790	1,63890	2,35272	3,46208
2,03840	1,45431	1,22440	1,30455	1,69060	2,41416	3,53672
2,10749	1,50987	1,27304	1,35254	1,74355	2,47675	3,61238
2,17831	1,56704	1,32316	1,40189	1,79777	2,54052	3,68909
2,25088	1,62583	1,37479	1,45265	1,85328	2,60546	3,76685
2,32522	1,68628	1,42795	1,50482	1,91010	2,67160	3,84565
2,40136	1,74842	1,48267	1,55843	1,96825	2,73895	3,92552
2,47932	1,81226	1,53898	1,61351	2,02775	2,80752	4,00645
2,55912	1,87783	1,59690	1,67008	2,08862	2,87732	4,08846
2,64078	1,94517	1,65646	1,72817	2,15088	2,94837	4,17154
2,72432	2,01429	1,71769	1,78780	2,21455	3,02068	4,25571
2,80977	2,08523	1,78061	1,84899	2,27964	3,09427	4,34097
2,89714	2,15800	1,84524	1,91177	2,34618	3,16914	4,42732
2,98646	2,23262	1,91163	1,97616	2,41419	3,24532	4,51479
3,07775	2,30914	1,97978	2,04218	2,48368	3,32280	4,60336
3,17101	2,38756	2,04972	2,10986	2,55467	3,40162	4,69306
3,26628	2,46792	2,12149	2,17923	2,62719	3,48177	4,78388
3,36358	2,55023	2,19510	2,25030	2,70125	3,56328	4,87584
3,46291	2,63452	2,27058	2,32310	2,77687	3,64615	4,96894
3,56431	2,72081	2,34796	2,39765	2,85407	3,73041	5,06319
3,66778	2,80913	2,42725	2,47397	2,93287	3,81606	5,15860
3,77334	2,89949	2,50848	2,55209	3,01328	3,90312	5,25517
3,88102	2,99191	2,59167	2,63202	3,09533	3,99160	5,35292
3,99082	3,08643	2,67685	2,71379	3,17904	4,08151	5,45184
4,10277	3,18305	2,76404	2,79743	3,26441	4,17287	5,55196
4,21687	3,28180	2,85327	2,88294	3,35148	4,26569	5,65328
4,33315	3,38270	2,94454	2,97036	3,44026	4,35998	5,75580
4,45161	3,48576	3,03789	3,05970	3,53075	4,45576	5,85953
4,57228	3,59101	3,13333	3,15099	3,62300	4,55305	5,96449
4,69516	3,69847	3,23088	3,24423	3,71700	4,65184	6,07069
4,82027	3,80814	3,33057	3,33946	3,81278	4,75217	6,17812
4,94762	3,92005	3,43241	3,43669	3,91035	4,85403	6,28680
5,07722	4,03422	3,53643	3,53594	4,00974	4,95745	6,39675
5,20909	4,15065	3,64263	3,63723	4,11095	5,06243	6,50796
5,34323	4,26938	3,75105	3,74058	4,21400	5,16900	6,62045

5,47965	4,39040	3,86169	3,84599	4,31891	5,27715	6,73422
5,61838	4,51374	3,97457	3,95351	4,42570	5,38691	6,84929
5,75940	4,63940	4,08971	4,06312	4,53438	5,49829	6,96567
5,90274	4,76741	4,20712	4,17487	4,64496	5,61129	7,08336
6,04841	4,89777	4,32683	4,28875	4,75746	5,72594	7,20238
6,19640	5,03050	4,44884	4,40479	4,87189	5,84225	7,32273
6,34673	5,16561	4,57317	4,52299	4,98827	5,96022	7,44442
6,49940	5,30311	4,69982	4,64339	5,10661	6,07987	7,56747
6,65442	5,44300	4,82883	4,76598	5,22693	6,20120	7,69188
6,81180	5,58531	4,96019	4,89078	5,34924	6,32425	7,81766
6,97154	5,73003	5,09392	5,01781	5,47354	6,44900	7,94483
7,13364	5,87717	5,23003	5,14708	5,59986	6,57548	8,07339
7,29812	6,02675	5,36853	5,27859	5,72821	6,70369	8,20335
7,46496	6,17877	5,50943	5,41237	5,85859	6,83366	8,33472
7,63418	6,33324	5,65274	5,54842	5,99102	6,96538	8,46752
7,80578	6,49016	5,79847	5,68675	6,12552	7,09887	8,60174
7,97975	6,64955	5,94662	5,82737	6,26208	7,23413	8,73741
8,15611	6,81139	6,09721	5,97030	6,40072	7,37119	8,87452
8,33484	6,97570	6,25025	6,11553	6,54145	7,51005	9,01310
8,51596	7,14248	6,40572	6,26308	6,68428	7,65071	9,15315
8,69946	7,31174	6,56366	6,41297	6,82922	7,79319	9,29467
8,88534	7,48347	6,72404	6,56518	6,97627	7,93750	9,43769
9,07359	7,65768	6,88690	6,71973	7,12545	8,08365	9,58220
9,26422	7,83437	7,05222	6,87663	7,27676	8,23164	9,72822
9,45723	8,01353	7,22000	7,03589	7,43022	8,38148	9,87575
9,65260	8,19518	7,39026	7,19749	7,58582	8,53319	10,02481
9,85034	8,37930	7,56300	7,36147	7,74357	8,68676	10,17541
10,05045	8,56590	7,73821	7,52780	7,90348	8,84222	10,32754
10,25291	8,75498	7,91589	7,69651	8,06556	8,99955	10,48123
10,45772	8,94652	8,09606	7,86758	8,22980	9,15878	10,63648
10,66488	9,14054	8,27869	8,04103	8,39622	9,31990	10,79330
10,87437	9,33701	8,46381	8,21685	8,56482	9,48293	10,95169
11,08621	9,53595	8,65139	8,39505	8,73560	9,64787	11,11167
11,30037	9,73735	8,84145	8,57563	8,90857	9,81473	11,27324
11,51684	9,94119	9,03398	8,75859	9,08372	9,98350	11,43641
11,73563	10,14748	9,22897	8,94392	9,26106	10,15421	11,60119
11,95672	10,35621	9,42642	9,13162	9,44060	10,32684	11,76758
12,18010	10,56736	9,62632	9,32170	9,62233	10,50141	11,93560
12,40576	10,78094	9,82868	9,51415	9,80626	10,67791	12,10524
12,63370	10,99693	10,03348	9,70897	9,99238	10,85636	12,27652
12,86389	11,21532	10,24072	9,90615	10,18069	11,03676	12,44944
13,09634	11,43612	10,45040	10,10570	10,37120	11,21911	12,62401
13,33103	11,65929	10,66249	10,30760	10,56390	11,40340	12,80023
13,56794	11,88485	10,87701	10,51185	10,75880	11,58965	12,97811
13,80707	12,11276	11,09393	10,71845	10,95588	11,77786	13,15765
14,04840	12,34303	11,31325	10,92739	11,15515	11,96802	13,33886
14,29192	12,57565	11,53496	11,13867	11,35661	12,16014	13,52175
14,53762	12,81059	11,75905	11,35227	11,56025	12,35421	13,70632
14,78548	13,04784	11,98551	11,56819	11,76607	12,55025	13,89257
15,03548	13,28740	12,21433	11,78643	11,97406	12,74824	14,08050
15,28762	13,52925	12,44549	12,00697	12,18422	12,94820	14,27013
15,54188	13,77337	12,67898	12,22980	12,39654	13,15010	14,46144
15,79823	14,01976	12,91480	12,45491	12,61102	13,35397	14,65446

16,05668	14,26839	13,15293	12,68231	12,82765	13,55978	14,84917
16,31719	14,51924	13,39335	12,91196	13,04643	13,76755	15,04558
16,57975	14,77232	13,63605	13,14387	13,26734	13,97726	15,24370
16,84435	15,02758	13,88102	13,37802	13,49039	14,18892	15,44352
17,11097	15,28503	14,12824	13,61440	13,71556	14,40253	15,64504
17,37959	15,54465	14,37769	13,85301	13,94284	14,61807	15,84827
17,65020	15,80641	14,62937	14,09381	14,17223	14,83554	16,05321
17,92277	16,07029	14,88325	14,33681	14,40372	15,05494	16,25985
18,19728	16,33629	15,13932	14,58199	14,63729	15,27627	16,46820
18,47372	16,60438	15,39756	14,82933	14,87294	15,49951	16,67825
18,75208	16,87454	15,65795	15,07882	15,11065	15,72467	16,89001
19,03232	17,14675	15,92048	15,33044	15,35042	15,95173	17,10347
19,31442	17,42099	16,18513	15,58419	15,59223	16,18069	17,31863
19,59838	17,69725	16,45188	15,84004	15,83608	16,41154	17,53549
19,88417	17,97551	16,72070	16,09798	16,08194	16,64428	17,75404
20,17176	18,25573	16,99159	16,35799	16,32981	16,87889	17,97429
20,46115	18,53791	17,26452	16,62005	16,57968	17,11537	18,19622
20,75230	18,82201	17,53947	16,88415	16,83152	17,35370	18,41983
21,04519	19,10803	17,81642	17,15027	17,08533	17,59389	18,64513
21,33981	19,39593	18,09536	17,41840	17,34109	17,83591	18,87210
21,63613	19,68569	18,37625	17,68850	17,59879	18,07976	19,10074
21,93413	19,97730	18,65908	17,96057	17,85841	18,32543	19,33104
22,23379	20,27073	18,94383	18,23458	18,11994	18,57291	19,56300
22,53508	20,56596	19,23047	18,51053	18,38336	18,82218	19,79661
22,83799	20,86295	19,51899	18,78837	18,64865	19,07323	20,03186
23,14248	21,16170	19,80935	19,06810	18,91579	19,32605	20,26875
23,44854	21,46218	20,10154	19,34970	19,18478	19,58063	20,50726
23,75615	21,76436	20,39554	19,63314	19,45559	19,83696	20,74739
24,06528	22,06822	20,69132	19,91840	19,72820	20,09501	20,98914
24,37590	22,37373	20,98886	20,20547	20,00260	20,35478	21,23248
24,68799	22,68087	21,28813	20,49431	20,27877	20,61625	21,47740
25,00154	22,98962	21,58910	20,78491	20,55668	20,87941	21,72391
25,31651	23,29994	21,89177	21,07724	20,83632	21,14424	21,97199
25,63288	23,61182	22,19609	21,37129	21,11767	21,41072	22,22162
25,95062	23,92523	22,50205	21,66703	21,40071	21,67884	22,47279
26,26972	24,24015	22,80962	21,96443	21,68542	21,94858	22,72550
26,59014	24,55654	23,11877	22,26347	21,97177	22,21993	22,97972
26,91186	24,87438	23,42948	22,56412	22,25975	22,49286	23,23545
27,23486	25,19365	23,74173	22,86637	22,54934	22,76736	23,49267
27,55910	25,51432	24,05548	23,17019	22,84050	23,04341	23,75137
27,88458	25,83636	24,37071	23,47555	23,13322	23,32099	24,01152
28,21125	26,15975	24,68739	23,78243	23,42748	23,60008	24,27312
28,53909	26,48445	25,00551	24,09080	23,72325	23,88066	24,53615
28,86808	26,81045	25,32501	24,40064	24,02052	24,16271	24,80060
29,19819	27,13771	25,64590	24,71191	24,31924	24,44621	25,06643
29,52940	27,46620	25,96812	25,02460	24,61941	24,73114	25,33365
29,86167	27,79590	26,29166	25,33867	24,92099	25,01747	25,60223
30,19499	28,12679	26,61649	25,65411	25,22397	25,30519	25,87214
30,52932	28,45882	26,94258	25,97087	25,52831	25,59427	26,14338
30,86463	28,79198	27,26990	26,28894	25,83398	25,88469	26,41592
31,20091	29,12624	27,59842	26,60828	26,14098	26,17642	26,68975
31,53811	29,46156	27,92812	26,92888	26,44926	26,46945	26,96483
31,87623	29,79792	28,25896	27,25069	26,75880	26,76374	27,24115

32,21522	30,13528	28,59091	27,57369	27,06957	27,05927	27,51870
32,55505	30,47363	28,92394	27,89785	27,38155	27,35602	27,79743
32,89571	30,81292	29,25803	28,22314	27,69470	27,65396	28,07734
33,23716	31,15314	29,59315	28,54953	28,00901	27,95307	28,35840
33,57938	31,49424	29,92926	28,87700	28,32443	28,25331	28,64059
33,92233	31,83620	30,26633	29,20550	28,64094	28,55467	28,92388
34,26599	32,17899	30,60433	29,53502	28,95852	28,85711	29,20824
34,61032	32,52258	30,94323	29,86551	29,27713	29,16060	29,49366
34,95530	32,86693	31,28300	30,19695	29,59673	29,46512	29,78010
35,30091	33,21202	31,62361	30,52931	29,91731	29,77064	30,06755
35,64710	33,55782	31,96502	30,86256	30,23883	30,07713	30,35596
35,99385	33,90429	32,30721	31,19665	30,56126	30,38456	30,64532
36,34112	34,25140	32,65013	31,53156	30,88456	30,69290	30,93560
36,68890	34,59912	32,99376	31,86726	31,20871	31,00212	31,22676
37,03715	34,94742	33,33807	32,20372	31,53367	31,31218	31,51879
37,38583	35,29627	33,68301	32,54089	31,85941	31,62306	31,81165
37,73492	35,64562	34,02857	32,87875	32,18590	31,93473	32,10531
38,08439	35,99546	34,37469	33,21727	32,51310	32,24715	32,39974
38,43420	36,34574	34,72136	33,55640	32,84098	32,56030	32,69491
38,78432	36,69644	35,06853	33,89611	33,16950	32,87413	32,99079
39,13473	37,04751	35,41617	34,23637	33,49864	33,18861	33,28735
39,48538	37,39893	35,76425	34,57715	33,82835	33,50372	33,58456
39,83625	37,75067	36,11273	34,91840	34,15860	33,81941	33,88238
40,18731	38,10268	36,46157	35,26010	34,48935	34,13565	34,18078
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41,24125	39,16003	37,50993	36,28747	35,48429	35,08735	35,07914
41,59271	39,51280	37,85987	36,63056	35,81671	35,40545	35,37953
41,94419	39,86569	38,20999	36,97393	36,14944	35,72393	35,68033
42,29568	40,21862	38,56028	37,31749	36,48248	36,04273	35,98151
42,64704	40,57164	38,91062	37,66129	36,81572	36,36187	36,28301
42,99850	40,92450	39,26118	38,00510	37,14927	36,68118	36,58488
43,34941	41,27770	39,61142	38,34933	37,48274	37,00094	36,88683
43,70123	41,62987	39,96252	38,69287	37,81699	37,32033	37,18950
44,05022	41,98431	40,31144	39,03832	38,14969	37,64128	37,49114
44,40563	42,33258	40,66566	39,37901	38,48660	37,95875	37,79602
44,74383	42,69605	41,00599	39,73184	38,81287	38,28552	38,09311
45,12564	43,01940	41,38193	40,05289	39,16685	38,58828	38,41091
45,39185	43,44735	41,66352	40,45732	39,44755	38,95456	38,67418
45,96449	43,59550	42,19614	40,63844	39,92406	39,15060	39,08382
45,70893	44,49852	42,04868	41,42383	39,86904	39,80873	39,09557
47,71715	43,33270	43,76528	40,54912	41,27476	39,19465	40,20341
43,44717	47,90895	40,29892	44,29389	38,60926	42,12912	38,25001
56,81879	36,32586	51,43410	35,00617	47,44110	35,02969	44,96045
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754,02870	-603,22875	635,24870	-486,26224	512,26802	-370,17512	398,76719
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0,00001	0,00015	0,00135	0,01083	0,07493	0,43731	2,09931

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0,01346	0,05284	0,18794	0,60187	1,72337	4,38047	9,81664
0,01441	0,05596	0,19702	0,62491	1,77338	4,47098	9,94813
0,01541	0,05923	0,20645	0,64861	1,82433	4,56241	10,07996
0,01648	0,06267	0,21625	0,67298	1,87624	4,65475	10,21213
0,01761	0,06627	0,22642	0,69803	1,92910	4,74799	10,34462
0,01881	0,07005	0,23698	0,72377	1,98291	4,84213	10,47741
0,02007	0,07401	0,24793	0,75021	2,03768	4,93715	10,61050
0,02142	0,07816	0,25928	0,77735	2,09340	5,03304	10,74387
0,02284	0,08250	0,27104	0,80522	2,15010	5,12980	10,87750
0,02434	0,08704	0,28323	0,83381	2,20775	5,22742	11,01138
0,02593	0,09180	0,29586	0,86313	2,26637	5,32588	11,14549
0,02761	0,09677	0,30892	0,89321	2,32595	5,42517	11,27984
0,02938	0,10197	0,32244	0,92404	2,38650	5,52529	11,41439
0,03125	0,10739	0,33643	0,95563	2,44802	5,62622	11,54914
0,03322	0,11306	0,35089	0,98799	2,51050	5,72796	11,68408
0,03530	0,11897	0,36584	1,02114	2,57396	5,83048	11,81919
0,03749	0,12514	0,38128	1,05507	2,63837	5,93378	11,95446
0,03980	0,13158	0,39723	1,08981	2,70375	6,03786	12,08988
0,04223	0,13828	0,41370	1,12534	2,77010	6,14269	12,22544
0,04479	0,14527	0,43069	1,16169	2,83741	6,24826	12,36112
0,04748	0,15255	0,44822	1,19886	2,90568	6,35457	12,49691
0,05031	0,16012	0,46630	1,23686	2,97491	6,46161	12,63280
0,05328	0,16800	0,48494	1,27569	3,04509	6,56935	12,76878
0,05640	0,17620	0,50415	1,31536	3,11623	6,67779	12,90483
0,05968	0,18472	0,52393	1,35588	3,18832	6,78693	13,04096
0,06311	0,19358	0,54431	1,39725	3,26135	6,89673	13,17714
0,06672	0,20278	0,56528	1,43949	3,33533	7,00720	13,31336
0,07049	0,21233	0,58687	1,48258	3,41025	7,11833	13,44962
0,07445	0,22225	0,60907	1,52655	3,48610	7,23009	13,58590
0,07860	0,23253	0,63191	1,57139	3,56289	7,34248	13,72219
0,08294	0,24320	0,65538	1,61711	3,64060	7,45548	13,85849
0,08748	0,25426	0,67951	1,66372	3,71924	7,56909	13,99478
0,09222	0,26572	0,70429	1,71122	3,79879	7,68329	14,13106

0,09719	0,27759	0,72974	1,75961	3,87925	7,79807	14,26731
0,10237	0,28988	0,75587	1,80889	3,96062	7,91342	14,40352
0,10779	0,30260	0,78268	1,85908	4,04289	8,02932	14,53969
0,11344	0,31576	0,81019	1,91017	4,12606	8,14576	14,67580
0,11934	0,32937	0,83841	1,96217	4,21011	8,26273	14,81185
0,12549	0,34344	0,86734	2,01507	4,29504	8,38022	14,94783
0,13190	0,35798	0,89699	2,06889	4,38085	8,49822	15,08372
0,13858	0,37301	0,92738	2,12363	4,46752	8,61671	15,21953
0,14554	0,38852	0,95850	2,17927	4,55506	8,73569	15,35524
0,15279	0,40453	0,99037	2,23584	4,64345	8,85513	15,49085
0,16033	0,42106	1,02300	2,29332	4,73268	8,97503	15,62634
0,16818	0,43811	1,05639	2,35172	4,82276	9,09538	15,76171
0,17633	0,45568	1,09055	2,41105	4,91366	9,21616	15,89695
0,18481	0,47380	1,12549	2,47129	5,00539	9,33736	16,03206
0,19362	0,49247	1,16122	2,53245	5,09793	9,45897	16,16702
0,20277	0,51170	1,19774	2,59454	5,19127	9,58099	16,30183
0,21227	0,53150	1,23506	2,65754	5,28541	9,70338	16,43648
0,22212	0,55188	1,27318	2,72147	5,38035	9,82616	16,57096
0,23234	0,57285	1,31212	2,78631	5,47606	9,94930	16,70527
0,24294	0,59442	1,35188	2,85207	5,57254	10,07279	16,83940
0,25393	0,61661	1,39246	2,91874	5,66978	10,19662	16,97335
0,26531	0,63941	1,43387	2,98633	5,76778	10,32078	17,10711
0,27709	0,66284	1,47612	3,05483	5,86652	10,44525	17,24066
0,28929	0,68690	1,51921	3,12424	5,96599	10,57004	17,37402
0,30191	0,71162	1,56314	3,19455	6,06619	10,69512	17,50716
0,31497	0,73699	1,60793	3,26577	6,16710	10,82048	17,64008
0,32847	0,76303	1,65357	3,33789	6,26872	10,94612	17,77279
0,34243	0,78974	1,70007	3,41091	6,37103	11,07203	17,90526
0,35685	0,81713	1,74743	3,48483	6,47403	11,19818	18,03750
0,37174	0,84522	1,79566	3,55963	6,57771	11,32458	18,16950
0,38712	0,87401	1,84476	3,63532	6,68205	11,45121	18,30126
0,40299	0,90350	1,89474	3,71190	6,78705	11,57805	18,43277
0,41936	0,93372	1,94559	3,78935	6,89269	11,70511	18,56403
0,43624	0,96465	1,99732	3,86767	6,99896	11,83237	18,69503
0,45365	0,99632	2,04993	3,94687	7,10586	11,95982	18,82576
0,47159	1,02873	2,10342	4,02692	7,21338	12,08744	18,95622
0,49007	1,06189	2,15780	4,10784	7,32150	12,21524	19,08642
0,50910	1,09580	2,21307	4,18960	7,43022	12,34320	19,21633
0,52870	1,13048	2,26923	4,27222	7,53951	12,47130	19,34596
0,54886	1,16592	2,32628	4,35567	7,64939	12,59955	19,47531
0,56961	1,20214	2,38422	4,43996	7,75982	12,72793	19,60436
0,59094	1,23915	2,44304	4,52508	7,87081	12,85643	19,73313
0,61288	1,27694	2,50277	4,61103	7,98233	12,98504	19,86159
0,63542	1,31553	2,56338	4,69778	8,09439	13,11375	19,98975
0,65858	1,35492	2,62489	4,78535	8,20697	13,24256	20,11761
0,68237	1,39511	2,68728	4,87372	8,32006	13,37145	20,24516
0,70680	1,43612	2,75057	4,96288	8,43365	13,50041	20,37239
0,73187	1,47794	2,81475	5,05284	8,54773	13,62945	20,49931
0,75759	1,52059	2,87981	5,14357	8,66229	13,75854	20,62591
0,78398	1,56406	2,94577	5,23507	8,77731	13,88768	20,75218
0,81103	1,60837	3,01261	5,32734	8,89280	14,01686	20,87813
0,83877	1,65351	3,08033	5,42037	9,00873	14,14608	21,00375
0,86720	1,69949	3,14893	5,51415	9,12509	14,27531	21,12904

0,89632	1,74632	3,21842	5,60867	9,24189	14,40457	21,25400
0,92614	1,79399	3,28878	5,70393	9,35910	14,53383	21,37861
0,95668	1,84252	3,36002	5,79990	9,47671	14,66309	21,50289
0,98794	1,89190	3,43212	5,89660	9,59472	14,79235	21,62682
1,01992	1,94213	3,50510	5,99400	9,71312	14,92159	21,75041
1,05264	1,99323	3,57894	6,09211	9,83189	15,05080	21,87365
1,08610	2,04519	3,65364	6,19090	9,95102	15,17999	21,99654
1,12031	2,09802	3,72920	6,29038	10,07051	15,30914	22,11908
1,15528	2,15171	3,80561	6,39053	10,19035	15,43824	22,24126
1,19101	2,20627	3,88287	6,49135	10,31051	15,56729	22,36308
1,22751	2,26170	3,96097	6,59282	10,43100	15,69628	22,48455
1,26478	2,31800	4,03992	6,69494	10,55181	15,82521	22,60565
1,30284	2,37517	4,11970	6,79770	10,67292	15,95406	22,72639
1,34168	2,43322	4,20030	6,90108	10,79433	16,08283	22,84677
1,38132	2,49214	4,28174	7,00508	10,91602	16,21151	22,96677
1,42176	2,55193	4,36399	7,10970	11,03798	16,34010	23,08641
1,46300	2,61260	4,44706	7,21491	11,16021	16,46859	23,20568
1,50505	2,67414	4,53093	7,32072	11,28270	16,59697	23,32458
1,54792	2,73655	4,61561	7,42710	11,40543	16,72524	23,44310
1,59161	2,79984	4,70108	7,53406	11,52840	16,85340	23,56125
1,63612	2,86400	4,78734	7,64158	11,65159	16,98142	23,67902
1,68146	2,92903	4,87439	7,74966	11,77501	17,10932	23,79641
1,72763	2,99493	4,96221	7,85828	11,89863	17,23708	23,91343
1,77465	3,06170	5,05081	7,96743	12,02245	17,36470	24,03006
1,82250	3,12934	5,14017	8,07710	12,14647	17,49217	24,14631
1,87120	3,19784	5,23028	8,18729	12,27066	17,61949	24,26218
1,92074	3,26721	5,32115	8,29799	12,39503	17,74665	24,37766
1,97114	3,33743	5,41276	8,40918	12,51956	17,87364	24,49276
2,02239	3,40851	5,50510	8,52086	12,64425	18,00047	24,60747
2,07450	3,48045	5,59817	8,63301	12,76908	18,12712	24,72180
2,12746	3,55324	5,69196	8,74563	12,89405	18,25359	24,83573
2,18129	3,62688	5,78647	8,85871	13,01915	18,37987	24,94928
2,23599	3,70137	5,88168	8,97224	13,14437	18,50597	25,06244
2,29155	3,77670	5,97759	9,08620	13,26970	18,63187	25,17521
2,34798	3,85287	6,07419	9,20059	13,39513	18,75757	25,28758
2,40528	3,92988	6,17148	9,31540	13,52066	18,88307	25,39957
2,46346	4,00772	6,26943	9,43062	13,64628	19,00836	25,51116
2,52251	4,08638	6,36806	9,54624	13,77198	19,13343	25,62236
2,58243	4,16587	6,46734	9,66225	13,89775	19,25829	25,73316
2,64323	4,24618	6,56727	9,77864	14,02359	19,38293	25,84357
2,70490	4,32731	6,66784	9,89540	14,14948	19,50734	25,95359
2,76745	4,40925	6,76905	10,01252	14,27542	19,63152	26,06321
2,83088	4,49199	6,87088	10,13000	14,40140	19,75547	26,17244
2,89519	4,57553	6,97333	10,24782	14,52741	19,87918	26,28127
2,96038	4,65987	7,07639	10,36598	14,65345	20,00265	26,38970
3,02645	4,74501	7,18005	10,48446	14,77951	20,12588	26,49774
3,09340	4,83093	7,28430	10,60325	14,90558	20,24885	26,60538
3,16123	4,91763	7,38914	10,72236	15,03166	20,37158	26,71263
3,22994	5,00511	7,49455	10,84176	15,15773	20,49404	26,81948
3,29952	5,09336	7,60053	10,96145	15,28380	20,61625	26,92593
3,36999	5,18237	7,70707	11,08143	15,40985	20,73820	27,03198
3,44134	5,27215	7,81416	11,20167	15,53587	20,85988	27,13764
3,51356	5,36268	7,92179	11,32218	15,66187	20,98129	27,24290

3,58666	5,45396	8,02995	11,44294	15,78783	21,10242	27,34777
3,66064	5,54599	8,13864	11,56395	15,91375	21,22329	27,45223
3,73550	5,63875	8,24784	11,68520	16,03962	21,34387	27,55631
3,81123	5,73225	8,35756	11,80668	16,16544	21,46417	27,65998
3,88784	5,82648	8,46778	11,92838	16,29120	21,58419	27,76326
3,96533	5,92143	8,57849	12,05029	16,41689	21,70392	27,86614
4,04369	6,01709	8,68968	12,17241	16,54251	21,82337	27,96863
4,12292	6,11347	8,80135	12,29473	16,66805	21,94252	28,07072
4,20302	6,21055	8,91350	12,41724	16,79351	22,06138	28,17242
4,28400	6,30834	9,02610	12,53993	16,91888	22,17994	28,27372
4,36585	6,40682	9,13916	12,66279	17,04416	22,29820	28,37462
4,44857	6,50599	9,25266	12,78582	17,16933	22,41616	28,47514
4,53216	6,60584	9,36660	12,90902	17,29441	22,53382	28,57526
4,61662	6,70638	9,48098	13,03236	17,41937	22,65118	28,67498
4,70195	6,80759	9,59577	13,15586	17,54422	22,76822	28,77432
4,78814	6,90947	9,71099	13,27949	17,66895	22,88496	28,87326
4,87521	7,01201	9,82662	13,40325	17,79356	23,00139	28,97182
4,96314	7,11522	9,94265	13,52715	17,91804	23,11750	29,06998
5,05194	7,21908	10,05907	13,65116	18,04239	23,23331	29,16775
5,14160	7,32359	10,17589	13,77529	18,16660	23,34879	29,26513
5,23214	7,42875	10,29309	13,89952	18,29067	23,46396	29,36213
5,32354	7,53455	10,41067	14,02386	18,41460	23,57882	29,45874
5,41581	7,64099	10,52863	14,14829	18,53838	23,69335	29,55496
5,50894	7,74806	10,64694	14,27282	18,66201	23,80757	29,65079
5,60294	7,85577	10,76562	14,39743	18,78548	23,92146	29,74625
5,69782	7,96410	10,88466	14,52212	18,90880	24,03503	29,84131
5,79356	8,07305	11,00404	14,64688	19,03196	24,14828	29,93600
5,89017	8,18263	11,12377	14,77172	19,15495	24,26120	30,03031
5,98765	8,29283	11,24384	14,89663	19,27777	24,37381	30,12423
6,08600	8,40364	11,36425	15,02160	19,40043	24,48608	30,21778
6,18523	8,51506	11,48499	15,14662	19,52292	24,59804	30,31095
6,28533	8,62709	11,60605	15,27171	19,64523	24,70967	30,40374
6,38631	8,73973	11,72744	15,39684	19,76736	24,82097	30,49616
6,48816	8,85298	11,84915	15,52202	19,88932	24,93195	30,58821
6,59090	8,96683	11,97118	15,64724	20,01110	25,04260	30,67988
6,69451	9,08128	12,09352	15,77251	20,13270	25,15293	30,77119
6,79902	9,19634	12,21617	15,89782	20,25412	25,26294	30,86212
6,90440	9,31199	12,33913	16,02316	20,37535	25,37262	30,95270
7,01068	9,42825	12,46240	16,14854	20,49640	25,48199	31,04290
7,11786	9,54511	12,58597	16,27395	20,61727	25,59103	31,13275
7,22593	9,66257	12,70984	16,39940	20,73795	25,69975	31,22223
7,33490	9,78062	12,83402	16,52487	20,85844	25,80815	31,31136
7,44477	9,89928	12,95849	16,65037	20,97875	25,91623	31,40013
7,55555	10,01854	13,08327	16,77590	21,09888	26,02400	31,48855
7,66724	10,13840	13,20834	16,90146	21,21882	26,13145	31,57661
7,77985	10,25887	13,33372	17,02705	21,33858	26,23859	31,66433
7,89338	10,37994	13,45939	17,15267	21,45816	26,34542	31,75170
8,00783	10,50162	13,58537	17,27831	21,57755	26,45194	31,83873
8,12321	10,62390	13,71164	17,40398	21,69677	26,55815	31,92542
8,23953	10,74680	13,83822	17,52969	21,81581	26,66406	32,01178
8,35679	10,87032	13,96510	17,65543	21,93467	26,76967	32,09779
8,47499	10,99445	14,09229	17,78120	22,05336	26,87498	32,18348
8,59415	11,11921	14,21978	17,90700	22,17188	26,98000	32,26884

8,71426	11,24458	14,34758	18,03285	22,29023	27,08473	32,35388
8,83534	11,37059	14,47570	18,15873	22,40841	27,18916	32,43859
8,95739	11,49723	14,60413	18,28466	22,52643	27,29332	32,52299
9,08042	11,62451	14,73289	18,41064	22,64430	27,39719	32,60708
9,20443	11,75244	14,86197	18,53666	22,76201	27,50079	32,69085
9,32944	11,88101	14,99137	18,66274	22,87957	27,60412	32,77433
9,45544	12,01023	15,12111	18,78888	22,99698	27,70718	32,85750
9,58245	12,14012	15,25118	18,91509	23,11426	27,80998	32,94038
9,71047	12,27067	15,38160	19,04136	23,23140	27,91252	33,02297
9,83952	12,40189	15,51237	19,16771	23,34841	28,01481	33,10527
9,96959	12,53379	15,64349	19,29413	23,46529	28,11686	33,18729
10,10070	12,66638	15,77497	19,42065	23,58206	28,21867	33,26903
10,23286	12,79965	15,90681	19,54725	23,69871	28,32024	33,35051
10,36607	12,93363	16,03903	19,67395	23,81526	28,42158	33,43172
10,50035	13,06832	16,17163	19,80076	23,93171	28,52270	33,51267
10,63570	13,20372	16,30462	19,92768	24,04806	28,62361	33,59336
10,77213	13,33985	16,43801	20,05472	24,16434	28,72431	33,67381
10,90964	13,47670	16,57180	20,18189	24,28053	28,82481	33,75402
11,04826	13,61430	16,70600	20,30920	24,39666	28,92512	33,83400
11,18798	13,75265	16,84062	20,43666	24,51273	29,02524	33,91374
11,32883	13,89176	16,97568	20,56426	24,62875	29,12519	33,99327
11,47079	14,03163	17,11117	20,69203	24,74472	29,22497	34,07258
11,61390	14,17229	17,24711	20,81998	24,86066	29,32459	34,15169
11,75815	14,31373	17,38352	20,94810	24,97658	29,42405	34,23059
11,90355	14,45597	17,52039	21,07642	25,09248	29,52338	34,30930
12,05012	14,59901	17,65774	21,20495	25,20838	29,62257	34,38783
12,19786	14,74288	17,79558	21,33368	25,32428	29,72163	34,46618
12,34679	14,88757	17,93392	21,46264	25,44021	29,82059	34,54437
12,49691	15,03310	18,07277	21,59184	25,55616	29,91943	34,62239
12,64824	15,17947	18,21214	21,72129	25,67215	30,01819	34,70027
12,80078	15,32671	18,35205	21,85099	25,78819	30,11686	34,77800
12,95454	15,47482	18,49251	21,98097	25,90429	30,21546	34,85559
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