

AMENDMENT 3**Invitation For Bids (IFB)
UOG IFB No. B25-13**

Date Issued: June 26, 2024

“INDEFINITE QUANTITY BID MICROSOFT EDUCATION LICENSE RENEWALS WITH STUDENT BENEFITS”

This is to notify all prospective offerors of the following amendment set forth below:

- 1.1 DEADLINE FOR WRITTEN QUESTIONS/CLARIFICATIONS should read as follows: **The last day for UOG to accept WRITTEN QUESTIONS and/or CLARIFICATIONS is four (4) business days BEFORE the bid submission deadline Tuesday, July 1, 2025. Please adjust accordingly if the deadline is extended.**
- 1.2 DEADLINE FOR SUBMISSION of Bid Packages should read as follows: **Monday, July 7, 2024, ON or BEFORE 2:00 P.M. Chamoru Standard Time, via link provided for electronic submission to Bid Share folder provided by UOG Procurement Office. One (1) original copy along with original bid security must be dropped off to Procurement Office before bid submission deadline.**
- 1.3 Revised & Replace - Exhibit A & B set forth as attached. Please utilize this form for your submission.
- 1.4 Page 20 - Declaration re Compliance with U.S. DOL Wage Determination form with signature line set forth as attached.
- 1.5 DMR_9a-b pdf. Set forth as attached.
- 1.6 DMR_9c pdf. Set forth as attached.
- 1.7 Question and Answer Sheet 2 set forth as attached.
- 1.8 Question and Answer Sheet 3 set forth as attached

T: +1 671.735.2925 F: +1 671.735.3010 W: www.uog.edu E: uog.bids@triton.uog.edu

Mailing Address: 303 University Drive UOG Station Mangilao, Guam 96913

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ADMINISTRATION & FINANCE
Consolidated Procurement Office

All other terms and conditions remain the same.

Damian Guerrero
Interim Procurement Manager

Please acknowledge receipt and return by email to uog.bids@triton.uog.edu:

Name of company: _____

Print Name/Signature/Date

QUESTION & ANSWER SHEET NO.2

June 25, 2025

In response to the written "Questions" and/or 'Request for Clarifications' UOG received as of June 24, 2025 @ 3:28 pm from vendor: Data Management Resources, LLC

Question 1: The IFB, as issued, does not expressly indicate that this IFB is all-or-none. Please clarify whether this IFB is an All-Or-None IFB?

Answer: This is NOT an All-Or-None

Question 2: Relative to Amendment 1, Exhibit A, Scope, IFB states "UOG is looking for authorized Microsoft resellers to provide the necessary Microsoft Education U.S. licenses."

- a. Per Microsoft's Cloud Service Provider (CSP) program region restrictions (<https://llearn.microsoft.com/en-us/partner-center/enroll/regional-authorization-overview#asia-and-pacific-region-and-market>), CSP resellers established in Guam may only sell licenses within Microsoft's defined Australia region and market. Similarly, CSP resellers established in the United States may only sell licenses within Microsoft's defined United States region and market.

- i. Please clarify what is meant by "Microsoft Education U.S. licenses."

UOG: UOG's is a US territory and it's tenant was initially created with US based licenses. UOG is also using USD currency for payments

- ii. Given Microsoft's regional restrictions and UOG's requirement that vendor be "authorized to sell Microsoft Subscription U.S. licenses," please confirm that UOG's IFB requirements preclude Microsoft Authorized Reseller vendors established in and doing business only in Guam from participating in this IFB.

UOG: UOG is not cognizant or aware of Microsoft's restrictions for sellers. UOG is looking for a vendor that is capable to renew it's current license with Student Use Benefits and migrate its students to it's primary tenant. UOG is not putting any restrictions on vendors.

- b. Please provide the UOG billing address listed in the Microsoft Admin Center for Microsoft domain connected to triton@uog.edu.

UOG: *Clarification - UOG's tenant is @triton.uog.edu

Billing address listed:

303 University Drive, UOG Station

Computer Center, Room 104

Redmond WA 98052, US

- c. Please provide the UOG physical location address listed in the Microsoft Admin Center for Microsoft domain connected to triton@uog.edu.

UOG: Billing address listed:

303 University Drive, UOG Station

Computer Center, Room 104

Redmond WA 98052, US

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- d. Please provide the UOG billing address listed in the Microsoft Admin Center for Microsoft domain connected to gotritons.uog.edu.
UOG: Billing address listed:
UOG Office Of Info. Technology
U.O.G. Station, Mangilao, GUAM
Redmond WA 98052 US
- e. Please provide the UOG physical location address listed in the Microsoft Admin Center for Microsoft domain connected to gotritons.uog.edu.
UOG: Billing address listed:
UOG Office Of Info. Technology
U.O.G. Station, Mangilao, GUAM
Redmond WA 98052 US

Question 3: When were the Microsoft tenants connected to triton@uog.edu & gotritons@uog.edu created?

Answer: **Triton.uog.edu = Oct 23, 2013**
GoTriton.uog.edu = Oct 23, 2013

Question 4: Please provide the incumbent vendor/provider of Microsoft/Office 365 licenses for tenants triton@uog.edu & gotritons@uog.edu.

Answer: **IT1Source LLC**

Question 5: What is the Microsoft Tenant ID for the tenant connected to triton@uog.edu?

Answer: **2a652fdf-10c3-4e4f-9e94-369090abfd04**

Question 6: What is the Microsoft Tenant ID for the tenant connected to gotritons@uog.edu?

Answer: **f4f883fb-23d4-406e-8d95-eead687e5415**

Question 7: If the IFB is awarded to a non-incumbent vendor, please confirm that UOG will be responsible for terminating its existing reseller relationship with its incumbent vendor and executing a reseller relationship with the awarded vendor.

Answer: **Should a non-incumbent vendor be awarded, UOG will require assistance to terminate its existing reseller**

Question 8: Relative to Amendment 1, Exhibit B, IFB specifies "Bid award to be based on the required items in EXHIBIT A." However, there is a mismatch between the subscription licenses referenced in Exhibit A and the Item Descriptions listed in Exhibit B. Exhibit A references "Office 365 A3" in Item 1 Bullet 2, and Exhibit B lists "Microsoft 365 A3" in Item 2. Please confirm or clarify the Item Description for Bid Item No. 2 in Exhibit B.

Answer: **UOG acknowledges the mismatch and error on Exhibit A and the corrected form is set forth as attached. It should read as follows:**

Office 365 A3

· Teacher, Faculty, and Staff licenses - Quantity: 1,360

Microsoft 365 A3

· Teacher, Faculty, and Staff licenses - Quantity: 5

Microsoft 365 A5

· Teacher, Faculty, and Staff licenses - Quantity: 5

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Question 9: Relative to Amendment 1, Exhibit A Item 2. Migration of Student [from] GoTritons.uog.edu to Triton.uog.edu tenant (Email and OneDrive), please specify the following:

- a) Quantity of email items, per account to be migrated
- b) Size of email mailbox, per account to be migrated
- c) Size of OneDrive data, per account to be migrated

Answer: see export (DMR_9a-b.pdf , DMR_9c.pdf)

Question 10: Relative to Amendment 1, Exhibit A Item 2. Migration of Student [from] GoTritons.uog.edu to Triton.uog.edu tenant (Email and OneDrive), IFB states "Vendor will ensure that the old GoTriton tenant with remaining student accounts will remain active."

- a. What is the current anniversary renewal date for these student accounts existing in the GoTritons.uog.edu domain?

October 28, 2025

- b. Will all inactive users be covered under an archived user license?

UOG: No. The accounts that will not be migrated should be transferred to the default Microsoft domain.

- i. If yes, is the vendor responsible for providing these licenses, and if so, please provide the required quantity and revised bid form to include quantity of archived user licenses for the inactive GoTritons accounts.

UOG: n/a

- ii. If no, please clarify what licenses will be consumed to store the data for inactive accounts, as referenced in Amendment 2, UOG response to Question 2 from IT1 Source.

UOG: The current student tenant will remain active and store data for the inactive accounts.

Question 11: Relative to Amendment 1, Exhibit A Item 3. Setup Student-Use license, please clarify, is UOG requiring the vendor to administer not only the 365 license, but also create/setup the user account of the student identified by UOG?

- a. If yes, please clarify the scope of the setup required.

Answer: UOG: Yes. The vendor will have to establish the Student Use accounts as needed and assign all identified students into the Student Use Benefit license.

Question 12: Relative to Amendment 1, Exhibit A Item 4. Training with a script to move users from one license to another, IFB states "Vendor will provide training to UOG to move users from the old student tenant to the primary triton tenant. Training shall be documented and recorded."

- a. Item 2 of Exhibit A requires vendor to migrate accounts. Why is training needed?

Answer: UOG: Training is needed to allow UOG to move users in the future as needed

Question 13: Relative to Amendment 1, Exhibit A Item 9, please specify the scope of what the script should update, with reference to the "script for future mass updating of UOG user tenants."

Answer: UOG: The script should update the license associated with the account as needed. As an example, moving a student from Student Office 365 license A3 to Student Office 365 A3 Student Use Benefit license.

Question 14: Relative to Amendment 1, Exhibit A Vendor Requirements Item 4., specifies "The vendor shall provide any additional licenses within 1-3 business days." Please confirm that the 1-3 business delivery timeframe is from receipt of Purchase Order.

Answer: UOG: Yes

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Question 15: Relative to Amendment 2, Response to Question 1 regarding accounts to be migrated, UOG response indicates "UOG will identify the student's accounts for migration." However, the IFB Bid Form specifies quantity of 4700 for Bid Item 4. Migration of Students. Please confirm the number of student accounts to be migrated for the initial purchase for this IFB.

Answer: **UOG: 4700**

Question 16: If the number of accounts to be migrated is less than 4,700, please provide a revised Bid Form/Exhibit B to reflect the initial purchase quantity for this line item. Relative to Amendment 2, UOG response to Question 6 from iT1 Source, UOG specifies "Yes - re-create mail flow rules." To the question of whether the vendor should plan to re-create mail flow rules, connectors, or transport rules in the Triton tenant.

- a. Which tenant does "Triton tenant" refer to?

UOG: triton.uog.edu

- b. How many mail-flow rules will vendor be required to "re-create"?

UOG: 15

- c. How many connectors will vendor be required to "re-create"?

UOG: 0

- d. How many transport rules will vendor be required to "re-create"?

UOG: 0

- e. Will UOG provide a listing to the awarded vendor of the exact configurations to re- create?

UOG: Yes

Question 17: Relative to Amendment 2, UOG's response to Question 5 from "Outstanding Microsoft Defender," UOG specifies "Yes" to the question of whether UOG requires assistance building or tuning Defender for Endpoint policies.

- a. Please clearly define the scope of assistance for "building or tuning."

UOG needs assistance to effectively setup and use Defender. Some of the assistance needed would include onboarding devices, notifications, fine-tuning, reporting, and off-boarding, etc.

- b. As Defender for Endpoint is listed as an optional bid item, please confirm that the service, assistance building or tuning for Microsoft Defender, is also optional.

UOG: Yes

- c. Please indicate where on the Bid Form the bidder should include pricing for the service, assistance building or tuning for Microsoft Defender for the optional Defender for Endpoint item.

UOG: Please see the updated bid form.

Question 18: Relative to Amendment 2, UOG's response to Question 7 from "Outstanding Microsoft Defender," UOG specifies "Yes" to the question of whether UOG requires configuration review, new baseline setup, or help implementing advanced threat protection features.

- a. Please clearly define the scope for configuration review, new baseline setup, and help implementing advanced threat protection features.

UOG: UOG needs assistance to effectively setup and use Defender. Some of the assistance needed would include onboarding devices, notifications, fine-tuning, reporting, and off-boarding, etc.

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- b. As Defender for Endpoint is listed as an optional bid item, please confirm that the service, configuration review, new baseline setup, or help implementing advanced threat protection features for Microsoft Defender, is also optional.

UOG: Yes

- c. Please indicate where on the Bid Form the bidder should include pricing for the service, configuration review, new baseline setup, or help implementing advanced threat protection features for Microsoft Defender for the optional Defender for Endpoint item.

UOG: Please see the updated bid form.

Question 19: Attachment I on Page 20 of the IFB, Declaration re Compliance with U.S. DOL Wage Determinations form, is missing a signature line. Please confirm if bidder may add a signature and date line to the form, or if UOG will provide an updated form.

Answer: Please see corrected Page 20, Declaration re Compliance with U.S. DOL Wage Determination form set forth as attached.

Question 20: Should UOG responses require further clarification for IFB specification clarity, will UOG accept follow-up questions to UOG responses?

Answer: Yes. Provided that there is reasonable time to renew the licenses

Question 21: Relative to Page 1 of Issued IFB, Deadline for Submission is "Friday, June 27, 2025." Per the official UOG procurement website, <https://www.uog.edu/procurement/index.php>, the Date Issued/Posted of this IFB is June 19, 2025. The Deadline for Submission is only six (6) business days after the initial public notice. We respectfully request the deadline for submission be extended to two weeks from the date of UOG's distribution of responses to bidder questions to allow for adequate time to prepare a bid response.

Answer: UOG is willing to extend to a time frame that allows reasonable time for vendors to renew the licenses and for UOG to complete awarding and contracting. Failure to renew before July 31, 2025 is detrimental to University of Guam operations and data.

QUESTION & ANSWER SHEET NO.3

June 25, 2025

*In response to the written "Questions" and/or 'Request for Clarifications' UOG received as of June 25, 2025 @ 3:55 pm from vendor: **Docomo Pacific***

Question 1: Please clarify both A3. Is the only difference between the quantity?

Office 365 A3

- Teacher, Faculty, and Staff licenses - Quantity: 1,360 each

Office 365 A3

- Teacher, Faculty, and Staff licenses - Quantity: 5 each

Answer: **UOG: UOG acknowledges the mismatch and error on Exhibit A. It should read as follows:**

Office 365 A3

- Teacher, Faculty, and Staff licenses - Quantity: 1,360

Microsoft 365 A3

- Teacher, Faculty, and Staff licenses - Quantity: 5

Microsoft 365 A5

- Teacher, Faculty, and Staff licenses - Quantity: 5

**EXHIBIT A
UOG BID NO. B25-13****“INDEFINITE QUANTITY BID FOR MICROSOFT EDUCATION LICENSE RENEWALS WITH STUDENT BENEFITS”****BID SPECIFICATIONS****General:**

The University of Guam, also referred to as UOG, maintains two Microsoft for Education Office 365 tenants. The tenants owned by UOG are identified by the email domains @triton.uog.edu and @GoTritons.uog.edu.

Scope:

UOG is purchasing renewals for its current Microsoft Education licenses for the campus. UOG is NOT interested in moving its primary tenant and intends to renew its current licenses in its current tenant with the addition of its Microsoft Student Use Benefits.

UOG is looking for authorized Microsoft resellers to provide the necessary Microsoft Education U.S. licenses. UOG will purchase Microsoft Education faculty licenses that are eligible for the Microsoft student use benefit ratio (1 Faculty/staff license = 40 Student Use benefit licenses).

The Microsoft for Education licenses that UOG is looking to purchase are:

1. **Subscription: Microsoft 365 for Education licenses eligible for Student Use benefits**
Office 365 A3

- Teacher, Faculty, and Staff licenses - Quantity: 1,360 each

Microsoft 365 A3

- Teacher, Faculty, and Staff licenses - Quantity: 5 each

Microsoft 365 A5

- Teacher, Faculty, and Staff licenses - Quantity: 5 each

Microsoft Defender for Endpoint P1 – (OPTIONAL) (UOG would like to get pricing for consideration)

- Quantity: 1360 each

2. Migration of Student GoTritons.uog.edu to Triton.uog.edu tenant (Email and OneDrive)

- Migration Quantity: 4700 each

Vendor will migrate UOG students (GoTritons.uog.edu) to the primary UOG tenant (triton.uog.edu). Vendor will move the GoTriton domain to the primary Triton tenant. Vendor will ensure that the old GoTriton tenant with remaining student accounts will remain active.

3. Setup Student-Use license.

Vendor will setup and assign all UOG students identified to use the Microsoft Student Use Benefit license on the UOG primary triton tenant.

4. Training with a script to move users from one license to another

Vendor will provide training to UOG to move users from the old student tenant to the primary triton tenant. Training shall be documented and recorded.

5. Establish trust and relationship between tenants Triton.uog.edu and Gotritons.uog.edu
Vendor will setup and establish trust and relationship between the UOG tenants.
6. Microsoft Defender for Endpoint P1 (OPTIONAL)
Vendor will assist UOG with the proper setup and installation of Microsoft Defender for EndPoint P1 EDR.
7. CSP Term Based Subscriptions include 24x7 technical break/fix support
8. The successful bidder will renew and assign the faculty licenses. UOG will provide a delimited file for updating as needed.
9. The successful bidder will develop, provide, and train UOG with a script for future mass updating of UOG user tenants. Training will be documented and recorded.
10. The successful bidder will deliver the Microsoft for Education licenses no later than July 25, 2025.

The successful bidder will provide all licenses to the University of Guam tenants.

Vendor Requirements:

1. Vendor is authorized to sell Microsoft Subscription U.S. licenses (i.e.: Microsoft 365, Office 365).
2. The vendor is responsible for addressing and assisting UOG with any license and title changes.
3. The vendor shall purchase, load, assign, and apply all licenses under the official UOG tenants.
4. The vendor shall provide any additional licenses within 1-3 business days

CONTRACT TERM:

The term of this contract will be for one (1) year. The contract will be reviewed every six (6) months for a determination of the continued need for such a contract in accordance with UOG Procurement Regulations Article 3.19.9.2. The contract will be renewed annually based on performance and availability of funds. Termination of the contract must be agreed upon by both parties with a written notice to the other party at least sixty (60) days prior to the end of the current contract.

EXHIBIT B
UOG BID NO. B25-13

“INDEFINITE QUANTITY BID FOR MICROSOFT EDUCATION LICENSE RENEWALS WITH STUDENT BENEFITS”

1. Bid Submittals:
 - a) Bid prices shall be submitted on the Bid Price Form. All prices shall include shipping, delivery, and manufacturer's warranty. Any additional costs not stated in this bid but are required to complete the delivery and installation of the product and/or services must be included in the bidder's price.
 - b) Bidder shall submit an electronic file with the copy of the bid security included. One (1) original file of copy submitted electronically, and original bid security will need to be receipted at UOG procurement office before the bid deadline.

Bid award to be based on the required items in EXHIBIT A and to be based on price, compliance to the specification, services, delivery and any requirements in the BID package.

No.	ITEM DESCRIPTION	Quantity	Unit Price	BID Price
1.	Office 365 A3:			
	• Teacher, Faculty, and Staff Licenses	1,360	\$	\$
2.	Microsoft 365 A3:			
	• Teacher, Faculty, and Staff Licenses	5	\$	\$
3.	Microsoft 365 A5:			
	• Teacher, Faculty, and Staff Licenses	5	\$	\$
4.	Migration of Students (1yr active students)	4700	\$	\$
5.	Miscellaneous services			
	• Setup, Training, Technical break-fix, etc.			
Grand Total:				
OPTIONAL:				
	Microsoft Defender for Endpoint P1	1360		
	Miscellaneous services for Endpoint P1			
	• Setup, Training, Technical break-fix, etc.			
Delivery: _____ weeks after receipt of purchase order				

BIDDERS ACKNOWLEDGMENT (PRINT, SIGN & DATE)

OTHER NOTES:

1. These specifications have been written to describe minimum equipment and performance requirements to be supplied by the equipment manufacturer bidding. Reasonable tests may be conducted upon delivery before acceptance.
2. The University reserves the right to accept and/or reject any and all bids, to waive any defects, irregularities, or specification discrepancies and to award the bid deemed to be in the best interest of the University.

ATTACHMENT I
DECLARATION re COMPLIANCE WITH U.S. DOL WAGE DETERMINATIONS

Procurement No.:

Name of Offeror Company: _____

I, _____ hereby certify under penalty of perjury:

- (1) That I am _____ (please select one: *the offeror, a partner of the offeror, an officer of the offeror*) making the bid or proposal in the foregoing identified procurement;
- (2) That I have read and understand the provisions of 5 GCA § 5801 and 5802 which read:

§ 5801. Wage Determination Established.

In such cases where the government of Guam enters into contractual arrangements with a sole proprietorship, a partnership or a corporation ("contractor") for the provision of a service to the government of Guam, and in such cases where the contractor employs a person(s) whose purpose, in whole or in part, is the direct delivery of service contracted by the government of Guam, then the contractor shall pay such employee(s) in accordance with the Wage Determination for Guam and the Northern Mariana Islands issued and promulgated by the U.S. Department of Labor for such labor as is employed in the direct delivery of contract deliverables to the government of Guam.

The Wage Determination most recently issued by the U.S. Department of Labor at the time a contract is awarded to a contractor by the government of Guam shall be used to determine wages, which shall be paid to employees pursuant to this Article. Should any contract contain a renewal clause, then at the time of renewal adjustments, there shall be made stipulations contained in the contract for applying the Wage Determination, as required by this Article, so the Wage Determination promulgated by the U.S. Department of Labor on a date most recent to the renewal date shall apply.

§ 5802. Benefits.

In addition to the Wage Determination detailed in this Article, any contract to which this Article applies shall also contain provisions mandating health and similar benefits for employees covered by this Article, such benefits having a minimum value as detailed in the Wage Determination issued and promulgated by the U.S. Department of Labor, and shall contain provisions guaranteeing a minimum of ten (10) paid holidays per annum per employees.

- (3) That the offeror is in full compliance with 5 GCA § 5801 and § 5802, as may be applicable to the procurement referenced herein;
- (4) That I have attached the most recent wage determination applicable to Guam issued by the U.S. Department of Labor. (*AG Procurement Form 006 (Feb. 16, 2010)*)

Signature

DMR_9a-b pdf.

Account Item Count Storage Used (Byte)

1	27498	7616159196
2	19170	5893030815
3	11172	5847255953
4	19116	5125821772
5	14121	4423866689
6	6676	4222404835
7	6070	3945240592
8	10826	3906929401
9	11035	3675283915
10	7238	3477840555
11	10058	3468409334
12	5486	3401020736
13	5913	3398828592
14	7899	3296746133
15	6961	3183854665
16	6322	3167282670
17	7158	3165300517
18	7673	3050246523
19	34152	6072206142
20	8325	3025607608
21	6611	2995748883
22	6128	2946865089
23	8052	2885752931
24	6425	2868724173
25	5879	2829191359
26	8470	2810288725
27	3689	2752818450
28	4009	2732943746
29	4339	2722081643
30	8031	2688954705
31	5481	2657702286
32	7056	2661868518
33	7879	5248734074
34	8606	2578841127
35	5522	2560965181
36	7527	2564685669
37	4646	2507051573
38	9652	4954061632
39	5133	2428175258
40	5849	2422592193
41	4221	2422523785
42	6734	2396931428
43	4096	2393757991
44	3634	2388688398
45	6079	2387530500
46	8075	2378356250
47	6041	2313353748

48	4945	2289022773
49	4449	2249489319
50	6407	2207876636
51	5647	2202359218
52	5302	2182255900
53	3685	4339852479
54	8157	4259560569
55	3936	2110910421
56	4405	2108310766
57	4440	2088522263
58	6328	2092805936
59	3228	2063770510
60	4892	2059939089
61	5730	4094321951
62	4852	2050504017
63	7549	2011663700
64	5934	1991945807
65	4552	1987089766
66	3792	1984336453
67	5404	1973495498
68	4932	1969366206
69	4913	1969785944
70	4570	1960536364
71	10725	3920907259
72	7595	3823782088
73	4821	1907019073
74	4260	1895411386
75	4420	1886492942
76	3761	1880892897
77	4453	1881118100
78	4538	1880556236
79	6184	1876861675
80	4614	1872193455
81	4748	1864241814
82	4305	1867405841
83	6877	1856647536
84	4598	1841163582
85	4644	1833021986
86	2654	1834539693
87	3288	1822382194
88	3871	1807511021
89	4091	1806759022
90	6761	3602072143
91	4305	1798534235
92	4239	1802342345
93	8074	3581967609
94	4447	1758299838
95	4881	1760171676

96	4300	1741402164
97	6082	3458219471
98	4855	1715328035
99	4584	1706427680
100	4659	1700744246
101	3443	1696102456
102	3108	1696419791
103	2969	1675765150
104	4813	1665063274
105	4653	1663334186
106	5875	1661378843
107	4168	1648688519
108	3781	1611152470
109	4570	1602950165
110	7898	3185227790
111	6945	3185435955
112	9746	3165019543
113	4594	1573951267
114	7155	3138721411
115	4477	1568991101
116	4578	3131875889
117	2860	1554764115
118	2312	1551776758
119	3748	1548800747
120	3546	1540537008
121	3138	1532069346
122	2645	1525484263
123	3181	1520524029
124	3749	1499952244
125	3240	1499422747
126	3653	1498293929
127	3850	1497906948
128	7204	2972670620
129	5880	2918637138
130	4232	1449344893
131	4494	1446879267
132	3089	1446094053
133	3197	1441553934
134	3691	1434065290
135	4942	2874361556
136	7292	2842312788
137	2547	1398556626
138	4146	1391466699
139	6092	2739421254
140	3723	1374033058
141	3642	1360770019
142	2241	1359163511
143	2239	1351661192

144	3087	1342844581
145	4367	1332501226
146	6216	2672092158
147	3521	1335425699
148	3541	1330459270
149	2868	1327200932
150	4338	1322186781
151	3930	1301471865
152	5679	2571538591
153	7403	2542662261
154	6437	1265250038
155	2294	1264096773
156	3761	1259787208
157	3436	1253814269
158	2902	1243322253
159	3083	1239213507
160	3377	1234863036
161	3416	1231010344
162	3280	1216864504
163	3363	1214939869
164	4979	2417934337
165	2823	1200463408
166	6073	2391921215
167	4905	2384524883
168	2924	1163830218
169	1781	1158604489
170	5328	2292935975
171	2964	1137761220
172	3111	1123876484
173	2405	1124368253
174	6487	2228589135
175	2639	1111968141
176	5649	2206387382
177	3822	1104222808
178	3624	1100790258
179	3964	1097168593
180	3642	1085122966
181	2893	1088325517
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DMR_9c pdf.

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5	3177416	1.07E+11
6	15490467	1.07E+11
7	26519001	1.10E+12
8	12729992	1.07E+11
9	3949585	1.07E+11
10	9990690	1.07E+11
11	13946362	1.07E+11
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347	96442677	1.10E+12
348	1737642	1.07E+11
349	4462577	1.07E+11
350	1579032825	1.07E+11
351	429015021	1.07E+11

352	94100628	1.07E+11
353	555372046	1.07E+11
354	9289257	1.07E+11
355	46112609	1.07E+11
356	9975838	1.07E+11
357	464037087	1.07E+11
358	1709146	1.07E+11
359	8395093216	1.07E+11
360	3121745	1.10E+12
361	1856593	1.07E+11
362	3186684240	1.07E+11
363	2476189	1.07E+11
364	2752169913	1.07E+11
365	45065207	1.07E+11
366	5296540	1.07E+11
367	2610904	1.07E+11
368	2808800382	1.07E+11
369	5527600	1.07E+11
370	1754293231	1.07E+11
371	1839247	1.07E+11
372	2327266096	1.07E+11
373	1739792	1.07E+11
374	601353575	1.10E+12
375	407166282	1.07E+11
376	6087206	1.07E+11
377	4721733	1.07E+11
378	9493599	1.07E+11
379	445243649	1.07E+11
380	117259904	1.07E+11
381	8289355660	1.07E+11
382	61651883	1.07E+11
383	1.21E+11	1.10E+12
384	1922856	1.10E+12
385	11358139	1.07E+11
386	251598802	1.07E+11
387	49654670	1.10E+12
388	425804521	1.07E+11
389	4286398	1.07E+11
390	1843771	1.07E+11
391	61070616	1.07E+11
392	92197425	1.07E+11
393	150888536	1.07E+11
394	1052071490	1.10E+12
395	3719034	1.07E+11

396	211482488	1.10E+12
397	2282843	1.07E+11
398	2923479	1.07E+11
399	29884162	1.07E+11
400	286673381	1.07E+11
401	3495659	1.07E+11
402	828818770	1.10E+12
403	1995146	1.07E+11
404	1087774869	1.07E+11
405	1462246410	1.07E+11
406	7563168	1.07E+11
407	1897100710	1.07E+11
408	5080962083	1.07E+11
409	1763064	1.07E+11
410	7743819	1.07E+11
411	3714507	1.07E+11
412	2329554130	1.07E+11
413	45910899	1.07E+11
414	361359600	1.07E+11
415	32908016	1.10E+12
416	1703164	1.07E+11
417	2201742	1.07E+11
418	595458474	1.07E+11
419	546598913	1.07E+11
420	6259695675	1.07E+11
421	40371089	1.07E+11
422	9073420	1.07E+11
423	2159996	1.07E+11
424	437988475	1.07E+11
425	7636697	1.07E+11
426	3853371	1.07E+11
427	31421005	1.07E+11
428	141154907	1.07E+11
429	1714288	1.07E+11
430	1763431	1.07E+11
431	20794396	1.07E+11
432	21293195	1.07E+11
433	692210660	1.07E+11
434	449094454	1.07E+11
435	2407050	1.07E+11
436	19056459	1.07E+11
437	4231038505	1.10E+12
438	207316520	1.07E+11
439	118182902	1.07E+11

440	13141549 1.07E+11
441	1781920 1.07E+11
442	28469562 1.07E+11
443	464978261 1.07E+11
444	175239641 1.07E+11
445	90600363 1.07E+11
446	1678186886 1.07E+11
447	24788640 1.07E+11
448	2177134 1.07E+11
449	2311215628 1.07E+11
450	1738829 1.07E+11
451	20680514 1.07E+11
452	14413762 1.07E+11
453	846273051 1.07E+11
454	6014773 1.07E+11
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456	2611853 1.07E+11
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458	1688023 1.07E+11
459	1113823698 1.07E+11
460	500156636 1.07E+11
461	1900879586 1.07E+11
462	2801385519 1.07E+11
463	5864665 1.07E+11
464	14893355 1.07E+11
465	1568754112 1.10E+12
466	2898910 1.07E+11
467	2703460 1.10E+12
468	4321459661 1.07E+11
469	94975992 1.07E+11
470	5873341934 1.07E+11
471	2077337 1.07E+11
472	1722204 1.07E+11
473	686036270 1.07E+11
474	3608307 1.10E+12
475	5003322 1.10E+12
476	1795256554 1.07E+11
477	8615364 1.07E+11
478	1895417 1.07E+11
479	1187093584 1.07E+11
480	1599437819 1.07E+11
481	63694357 1.07E+11
482	687555391 1.07E+11
483	206551666 1.07E+11

484	429887569	1.07E+11
485	4388126	1.07E+11
486	1723620	1.07E+11
487	895733201	1.07E+11
488	1694610848	1.07E+11
489	82062180	1.07E+11
490	152435169	1.07E+11
491	3135128	1.07E+11
492	57764	1.07E+11
493	44299864	1.07E+11
494	1228702265	1.07E+11
495	1996785	1.07E+11
496	88380711	1.07E+11
497	31214925	1.07E+11
498	2104065	1.07E+11
499	33386932	1.07E+11
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501	496240136	1.07E+11
502	1737308	1.07E+11
503	3596117	1.07E+11
504	96484000	1.07E+11
505	166018278	1.07E+11
506	247023939	1.07E+11
507	89479573	1.10E+12
508	537053322	1.07E+11
509	9588108	1.10E+12
510	1716550575	1.07E+11
511	11011809	1.07E+11
512	42356517	1.07E+11
513	52615848	1.10E+12
514	1968458	1.07E+11
515	119041055	1.07E+11
516	160242295	1.07E+11
517	312111489	1.07E+11
518	1687647	1.07E+11
519	1958132	1.07E+11
520	16888269	1.07E+11
521	1218813453	1.07E+11
522	12026506	1.07E+11
523	12175054	1.07E+11
524	1878197	1.07E+11
525	2996173215	1.07E+11
526	15218783	1.07E+11
527	29767521	1.07E+11

528	99423669	1.07E+11
529	85402617	1.10E+12
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531	2152018	1.07E+11
532	2109091	1.07E+11
533	6981092890	1.07E+11
534	18424235	1.07E+11
535	3430403860	1.07E+11
536	14278771275	1.07E+11
537	248648	1.07E+11
538	1857066	1.07E+11
539	1436619197	1.07E+11
540	2237541034	1.07E+11
541	18305294	1.07E+11
542	167185752	1.10E+12
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546	148149002	1.07E+11
547	268275921	1.07E+11
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550	131595928	1.07E+11
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553	4330749	1.07E+11
554	1847037	1.07E+11
555	29345383	1.07E+11
556	1920034444	1.07E+11
557	1157517842	1.07E+11
558	828597395	1.10E+12
559	1194220188	1.07E+11
560	3844886	1.07E+11
561	2886140390	1.10E+12
562	28684133	1.07E+11
563	98833275	1.07E+11
564	2580082744	1.07E+11
565	1707537	1.07E+11
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571	546391183	1.07E+11

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578	64948815	1.07E+11
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583	4944605709	1.07E+11
584	29675517	1.07E+11
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586	1451983821	1.10E+12
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596	64569889	1.07E+11
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615	19539357	1.10E+12

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627	135725606	1.07E+11
628	2168611	1.07E+11
629	136951911	1.07E+11
630	27457387	1.07E+11
631	19185723718	1.07E+11
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634	150305093	1.07E+11
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693	3347754	1.07E+11
694	118341564	1.07E+11
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697	85602818	1.07E+11
698	2267100	1.07E+11
699	63875914	1.07E+11
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701	4620034	1.07E+11
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703	8165050	1.07E+11

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705	2274565	1.07E+11
706	222650450	1.07E+11
707	58203732	1.07E+11
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710	443048161	1.10E+12
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713	708067722	1.07E+11
714	1730829	1.07E+11
715	1712374	1.07E+11
716	161238668	1.07E+11
717	3907398	1.07E+11
718	792565775	1.07E+11
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720	1697272	1.07E+11
721	4604554678	1.07E+11
722	1786159	1.07E+11
723	24004703	1.07E+11
724	3514699859	1.07E+11
725	10909557951	1.10E+12
726	2106234	1.07E+11
727	7190469992	1.07E+11
728	1761609	1.07E+11
729	20000693	1.07E+11
730	1423902530	1.07E+11
731	5903510	1.07E+11
732	195029002	1.10E+12
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734	3163724637	1.07E+11
735	990973663	1.07E+11
736	47803545	1.07E+11
737	11708098	1.07E+11
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739	521336699	1.07E+11
740	87968873	1.07E+11
741	30414444	1.07E+11
742	18336380	1.07E+11
743	3599215	1.07E+11
744	1734254	1.07E+11
745	937947036	1.07E+11
746	49280135	1.07E+11
747	1129953118	1.07E+11

748	144907282	1.07E+11
749	1776286	1.07E+11
750	540916957	1.07E+11
751	1836661	1.07E+11
752	2079848	1.07E+11
753	25266683080	1.07E+11
754	928314436	1.07E+11
755	2432412372	1.07E+11
756	82507188	1.07E+11
757	630600714	1.07E+11
758	912280154	1.07E+11
759	66590600	1.07E+11
760	37426400	1.07E+11
761	104684830	1.07E+11
762	202570042	1.10E+12
763	150660465	1.07E+11
764	105328305	1.07E+11
765	5692390	1.07E+11
766	47219500	1.07E+11
767	2032401	1.07E+11
768	1746280	1.07E+11
769	3357092610	1.07E+11
770	10001813543	1.10E+12
771	999695460	1.07E+11
772	1689438502	1.10E+12
773	1100376471	1.10E+12
774	4447583	1.07E+11
775	478974281	1.07E+11
776	148967364	1.07E+11
777	9067712	1.07E+11
778	122406640	1.07E+11
779	1788165	1.07E+11
780	11474786	1.07E+11
781	13516158935	1.07E+11
782	29832687	1.07E+11
783	575318741	1.10E+12
784	191331590	1.10E+12
785	44873771	1.07E+11
786	3917538	1.07E+11
787	534099638	1.07E+11
788	1933109	1.07E+11
789	2772032663	1.10E+12
790	289646384	1.07E+11
791	1542021861	1.10E+12

792	38996417	1.07E+11
793	1070546254	1.07E+11
794	516021987	1.07E+11
795	42386803	1.10E+12
796	1764952	1.07E+11
797	2238709221	1.10E+12
798	1779354	1.07E+11
799	3009786295	1.07E+11
800	15075815	1.07E+11
801	4382460	1.07E+11
802	1528976791	1.07E+11
803	5857797	1.07E+11
804	251561147	1.07E+11
805	1909385	1.07E+11
806	178381015	1.07E+11
807	733524742	1.07E+11
808	1277112896	1.07E+11
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812	34411794543	1.07E+11
813	371457009	1.07E+11
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817	52760848	1.07E+11
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822	142747535	1.07E+11
823	63244940	1.07E+11
824	8854214	1.07E+11
825	1736972	1.07E+11
826	1998417	1.07E+11
827	108652108	1.07E+11
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830	388985209	1.10E+12
831	6931611	1.07E+11
832	3049169	1.07E+11
833	1654101320	1.07E+11
834	162923220	1.07E+11
835	305037712	1.07E+11

836	40008440	1.07E+11
837	2406450785	1.07E+11
838	4629616634	1.07E+11
839	40503212	1.10E+12
840	938914431	1.07E+11
841	61579146	1.07E+11
842	1167403726	1.07E+11
843	3999621	1.07E+11
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845	66411533	1.07E+11
846	1898853	1.07E+11
847	6771664	1.07E+11
848	3378250906	1.07E+11
849	73373632	1.07E+11
850	3235354	1.07E+11
851	1760910	1.07E+11
852	5165068	1.07E+11
853	114123222	1.07E+11
854	4767262477	1.07E+11
855	2754685	1.07E+11
856	24724096	1.07E+11
857	32097560	1.10E+12
858	1725290	1.07E+11
859	145884859	1.07E+11
860	130322500	1.07E+11
861	581256108	1.07E+11
862	444494598	1.07E+11
863	0	1.07E+11
864	429437958	1.07E+11
865	2993251	1.07E+11
866	3807911766	1.07E+11
867	2116620	1.07E+11
868	25794090	1.07E+11
869	2004277	1.07E+11
870	534759020	1.07E+11
871	1926518	1.07E+11
872	1830015	1.07E+11
873	453634273	1.07E+11
874	3912707	1.07E+11
875	35771836	1.07E+11
876	1689289	1.07E+11
877	64887797	1.07E+11
878	1763864	1.07E+11
879	18559614	1.07E+11

880	383446797	1.07E+11
881	4440797289	1.10E+12
882	1558276237	1.07E+11
883	123474772	1.07E+11
884	577274923	1.07E+11
885	6559601265	1.10E+12
886	27817256	1.07E+11
887	433773199	1.07E+11
888	808113864	1.07E+11
889	439961344	1.07E+11
890	32371816	1.07E+11
891	56044544	1.07E+11
892	283853433	1.07E+11
893	30161110	1.07E+11
894	2308535	1.07E+11
895	117766146	1.07E+11
896	9646154	1.07E+11
897	2851229	1.07E+11
898	706307106	1.07E+11
899	5771085	1.10E+12
900	1828446	1.07E+11
901	6606969334	1.07E+11
902	68636202	1.07E+11
903	99038359	1.07E+11
904	112102141	1.07E+11
905	1689354	1.07E+11
906	33270327393	1.07E+11
907	3109869	1.07E+11
908	4099005	1.07E+11
909	4832800	1.07E+11
910	682224240	1.07E+11
911	390908134	1.07E+11
912	285069098	1.07E+11
913	2264378	1.07E+11
914	59433481	1.07E+11
915	1.32E+11	1.07E+11
916	25970611	1.07E+11
917	129226195	1.10E+12
918	480749045	1.07E+11
919	72467775	1.07E+11
920	10045751	1.07E+11
921	2532274	1.07E+11
922	1742400	1.07E+11
923	3905152	1.07E+11

924	43068147	1.07E+11
925	43204745	1.07E+11
926	1939233	1.07E+11
927	23129726	1.10E+12
928	68453221	1.07E+11
929	2047682	1.07E+11
930	93893212	1.10E+12
931	1781	1.10E+12
932	6586238	1.07E+11
933	50194312	1.07E+11
934	3349162	1.07E+11
935	1720424	1.07E+11
936	2665947384	1.07E+11
937	12684012	1.07E+11
938	1713211	1.07E+11
939	1895632	1.07E+11
940	696800671	1.07E+11
941	50091990	1.07E+11
942	5507368	1.07E+11
943	733967987	1.07E+11
944	44066173	1.07E+11
945	32915259	1.10E+12
946	47434281	1.07E+11
947	11659246	1.07E+11
948	2202919132	1.07E+11
949	594136412	1.07E+11
950	5768637254	1.07E+11
951	13079237	1.07E+11
952	61120169211	1.10E+12
953	1206379	1.07E+11
954	3203789	1.07E+11
955	75329377	1.07E+11
956	396688642	1.07E+11
957	19280806	1.10E+12
958	922548352	1.07E+11
959	3203652	1.07E+11
960	2633371	1.07E+11
961	107888803	1.07E+11
962	2186289	1.07E+11
963	4221488686	1.07E+11
964	16652489	1.07E+11
965	3843362	1.07E+11
966	1452289108	1.07E+11
967	8163560494	1.07E+11

968	135848305	1.07E+11
969	12189501	1.07E+11
970	1723496	1.07E+11
971	2251276	1.07E+11
972	1708922	1.07E+11
973	2196420229	1.07E+11
974	15076903011	1.10E+12
975	1563438459	1.07E+11
976	180258410	1.07E+11
977	2147503	1.07E+11
978	4044651	1.07E+11
979	385548317	1.10E+12
980	31833197	1.07E+11
981	543283248	1.10E+12
982	1011262804	1.10E+12
983	658682540	1.07E+11
984	204278794	1.07E+11
985	3200108	1.07E+11
986	3150988	1.07E+11
987	272731503	1.07E+11
988	1759341940	1.10E+12
989	565452904	1.07E+11
990	184637057	1.07E+11
991	1873202	1.07E+11
992	9191569988	1.07E+11
993	530327990	1.07E+11
994	1705218	1.07E+11
995	448086585	1.10E+12
996	133271532	1.07E+11
997	2053420	1.07E+11
998	3171	1.07E+11
999	185646238	1.10E+12
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1001	20756528	1.07E+11
1002	1126205103	1.07E+11
1003	18879313	1.10E+12
1004	532611689	1.07E+11
1005	295943052	1.07E+11
1006	1001035703	1.07E+11
1007	1688590	1.07E+11
1008	621640044	1.07E+11
1009	315928183	1.07E+11
1010	566911729	1.07E+11
1011	1745796	1.07E+11

1012	34804624	1.07E+11
1013	6611534	1.10E+12
1014	17214980	1.07E+11
1015	17732002	1.07E+11
1016	60532871	1.07E+11
1017	43556380	1.07E+11
1018	401309949	1.07E+11
1019	1703209	1.07E+11
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1022	4169464	1.07E+11
1023	2496838533	1.07E+11
1024	12826721	1.07E+11
1025	33401471	1.10E+12
1026	133614004	1.07E+11
1027	37981524	1.07E+11
1028	1987359	1.07E+11
1029	1799740	1.07E+11
1030	7304760304	1.10E+12
1031	15339775	1.07E+11
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1034	790901265	1.07E+11
1035	2960175	1.07E+11
1036	3666219280	1.07E+11
1037	517234634	1.10E+12
1038	2052405	1.07E+11
1039	933443522	1.10E+12
1040	2604492954	1.10E+12
1041	27628147	1.07E+11
1042	2808400	1.07E+11
1043	73035996	1.07E+11
1044	1239921349	1.07E+11
1045	54570476	1.07E+11
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1049	2387435	1.07E+11
1050	53326723	1.07E+11
1051	1594109162	1.07E+11
1052	103161014	1.07E+11
1053	9187647326	1.07E+11
1054	2332349817	1.07E+11
1055	1798578	1.07E+11

1056	3333735	1.07E+11
1057	413535084	1.10E+12
1058	264214358	1.10E+12
1059	3344768	1.07E+11
1060	3302352773	1.07E+11
1061	209822465	1.07E+11
1062	31051348	1.07E+11
1063	15018836	1.07E+11
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1065	59998199	1.07E+11
1066	224328	1.10E+12
1067	46119236	1.07E+11
1068	2107132	1.07E+11
1069	1782042	1.07E+11
1070	791985811	1.07E+11
1071	211992702	1.07E+11
1072	153703824	1.07E+11
1073	3035715051	1.07E+11
1074	26312483	1.07E+11
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1076	8941627	1.07E+11
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1078	148825060	1.07E+11
1079	457981444	1.07E+11
1080	4408774948	1.10E+12
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1083	1757162	1.07E+11
1084	6155817	1.07E+11
1085	171730291	1.07E+11
1086	5208782	1.07E+11
1087	518438581	1.07E+11
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1089	778526053	1.07E+11
1090	399488214	1.07E+11
1091	241104273	1.07E+11
1092	705474231	1.07E+11
1093	504273342	1.10E+12
1094	1693011	1.07E+11
1095	7842581	1.07E+11
1096	67167638	1.07E+11
1097	2866004	1.07E+11
1098	26855034	1.07E+11
1099	1807041	1.07E+11

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1102	3249987 1.07E+11
1103	3631116 1.07E+11
1104	455455557 1.07E+11
1105	601568069 1.07E+11
1106	6530395 1.10E+12
1107	1733875 1.07E+11
1108	781865179 1.07E+11
1109	1413072307 1.07E+11
1110	88460418 1.07E+11
1111	545670494 1.07E+11
1112	357171205 1.07E+11
1113	57550865 1.07E+11
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1115	199508077 1.07E+11
1116	1711103 1.07E+11
1117	1706928 1.07E+11
1118	117025538 1.10E+12
1119	11258524 1.07E+11
1120	141792731 1.07E+11
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1122	2189599 1.07E+11
1123	767883890 1.07E+11
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1127	20611434105 1.07E+11
1128	5564286 1.07E+11
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1164	9246801	1.10E+12
1165	71550569	1.10E+12
1166	3523125773	1.10E+12
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1171	100526043	1.07E+11
1172	65725242	1.07E+11
1173	30376637	1.07E+11
1174	400158836	1.07E+11
1175	3728724037	1.07E+11
1176	8633846	1.07E+11
1177	10304469	1.07E+11
1178	4763003	1.07E+11
1179	179814701	1.07E+11
1180	31476723	1.07E+11
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1182	1972147	1.07E+11
1183	428796531	1.07E+11
1184	457486426	1.07E+11
1185	1272006782	1.10E+12
1186	3321722	1.07E+11
1187	495695449	1.07E+11

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1191	2178865	1.10E+12
1192	1413575383	1.07E+11
1193	1817202	1.07E+11
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1195	1772680358	1.10E+12
1196	9682286	1.07E+11
1197	197238238	1.07E+11
1198	4378144797	1.07E+11
1199	3031322	1.07E+11
1200	9034807	1.07E+11
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1202	177821137	1.10E+12
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1231	2019271	1.07E+11

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1242	379989105	1.10E+12
1243	9363162	1.07E+11
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1246	75995553	1.07E+11
1247	27991039	1.07E+11
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1263	14924371	1.07E+11
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1266	16800027	1.07E+11
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1269	2003267	1.07E+11
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1271	1733752	1.07E+11
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1273	134896169	1.07E+11
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1276	1751856	1.07E+11
1277	40606285	1.07E+11
1278	214410943	1.07E+11
1279	460656862	1.07E+11
1280	22079829	1.07E+11
1281	209611480	1.10E+12
1282	1931240	1.07E+11
1283	2142478	1.07E+11
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1287	199487732	1.07E+11
1288	183298512	1.10E+12
1289	6467901	1.07E+11
1290	213769799	1.07E+11
1291	9639503	1.10E+12
1292	1742738	1.07E+11
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1294	1564789411	1.07E+11
1295	1023747518	1.07E+11
1296	267623584	1.07E+11
1297	2365136	1.07E+11
1298	8564557	1.07E+11
1299	357932333	1.10E+12
1300	391419087	1.07E+11
1301	406029252	1.07E+11
1302	29459867	1.07E+11
1303	756653312	1.07E+11
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1305	1775282	1.07E+11
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1375	1891837142	1.07E+11
1376	1728959042	1.07E+11
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1379	2864071423	1.07E+11
1380	37988645931	1.07E+11
1381	12498375	1.07E+11
1382	96329190	1.10E+12
1383	9216269	1.07E+11
1384	29719835	1.07E+11
1385	87559565	1.07E+11
1386	474121502	1.07E+11
1387	24148023	1.07E+11
1388	105498724	1.07E+11
1389	630121997	1.07E+11
1390	3241989	1.07E+11
1391	81204741	1.07E+11
1392	1719457	1.07E+11
1393	98262507	1.07E+11
1394	10252955	1.07E+11
1395	942863474	1.07E+11
1396	325118644	1.07E+11
1397	2128705	1.07E+11
1398	1788104	1.07E+11
1399	46009394	1.07E+11
1400	152446192	1.07E+11
1401	1852785	1.07E+11
1402	1771630	1.07E+11
1403	5287991	1.07E+11
1404	4298049	1.07E+11
1405	9955504	1.10E+12
1406	934154521	1.07E+11
1407	586701691	1.07E+11

1408	2801513	1.07E+11
1409	1897266	1.07E+11
1410	1861048424	1.07E+11
1411	630446877	1.07E+11
1412	11446680	1.07E+11
1413	1816347	1.07E+11
1414	781020697	1.07E+11
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1418	5065098	1.07E+11
1419	717057	1.07E+11
1420	73014431	1.07E+11
1421	1720253	1.07E+11
1422	1722172359	1.07E+11
1423	11487732	1.07E+11
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1425	1843579	1.07E+11
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1427	10263463	1.10E+12
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1433	2450849929	1.07E+11
1434	2049208327	1.07E+11
1435	6045782	1.07E+11
1436	5851657	1.10E+12
1437	2210883919	1.10E+12
1438	290020160	1.07E+11
1439	1258707979	1.07E+11
1440	1294356158	1.07E+11
1441	1818358	1.07E+11
1442	249637427	1.07E+11
1443	571781296	1.07E+11
1444	1700434790	1.10E+12
1445	5966880504	1.07E+11
1446	809388526	1.07E+11
1447	75348040	1.07E+11
1448	37107089	1.07E+11
1449	127231194	1.07E+11
1450	1835382	1.07E+11
1451	3830549693	1.07E+11

1452	1175047256	1.07E+11
1453	1693526	1.07E+11
1454	435293184	1.07E+11
1455	1875951	1.07E+11
1456	6535780	1.07E+11
1457	1033376169	1.07E+11
1458	727050	1.07E+11
1459	277834254	1.07E+11
1460	1753781	1.07E+11
1461	4595228	1.07E+11
1462	4634114905	1.07E+11
1463	2797076727	1.10E+12
1464	1922805	1.07E+11
1465	1873696	1.07E+11
1466	3157889868	1.07E+11
1467	101526752	1.10E+12
1468	3167496	1.07E+11
1469	84057144	1.10E+12
1470	7230131	1.07E+11
1471	19865067	1.07E+11
1472	16626902	1.07E+11
1473	1386957426	1.07E+11
1474	1879030	1.07E+11
1475	1448979958	1.07E+11
1476	2078720830	1.07E+11
1477	2787467	1.07E+11
1478	2666821	1.07E+11
1479	30448586116	1.07E+11
1480	2168486	1.07E+11
1481	3908583810	1.10E+12
1482	1724331	1.07E+11
1483	979167523	1.07E+11
1484	1937498914	1.07E+11
1485	1777638	1.07E+11
1486	1285363807	1.07E+11
1487	1466270075	1.07E+11
1488	12554275	1.07E+11
1489	1904459	1.07E+11
1490	386817272	1.07E+11
1491	2212164	1.07E+11
1492	79489116	1.10E+12
1493	11686311	1.07E+11
1494	3729954	1.07E+11
1495	4952547728	1.07E+11

1496	504838063	1.07E+11
1497	5244666	1.07E+11
1498	20047419	1.07E+11
1499	36098568	1.07E+11
1500	3581143	1.07E+11
1501	111987874	1.07E+11
1502	146932464	1.07E+11
1503	4715539	1.07E+11
1504	100097592	1.07E+11
1505	5380708	1.07E+11
1506	2554914	1.07E+11
1507	478975604	1.07E+11
1508	132465442	1.07E+11
1509	3633100	1.07E+11
1510	254517348	1.07E+11
1511	5120488	1.07E+11
1512	158151186	1.07E+11
1513	34150529	1.10E+12
1514	211720018	1.07E+11
1515	8303829976	1.07E+11
1516	864922891	1.07E+11
1517	3862151	1.07E+11
1518	505268409	1.10E+12
1519	5564989	1.07E+11
1520	8238091	1.07E+11
1521	2049949735	1.07E+11
1522	1882928	1.07E+11
1523	32853338	1.07E+11
1524	57742244	1.07E+11
1525	15509386	1.07E+11
1526	4452777	1.07E+11
1527	15745306	1.07E+11
1528	1735246	1.07E+11
1529	1797567	1.07E+11
1530	1910373	1.07E+11
1531	489077943	1.07E+11
1532	526741356	1.07E+11
1533	72415191	1.07E+11
1534	63872308	1.07E+11
1535	75260094	1.07E+11
1536	8410403	1.07E+11
1537	31182704	1.07E+11
1538	25745921	1.07E+11
1539	2655960549	1.10E+12

1540	33036958 1.07E+11
1541	6539140 1.07E+11
1542	1952383 1.07E+11
1543	867452102 1.07E+11
1544	63177315 1.07E+11
1545	402416443 1.07E+11
1546	1754292979 1.07E+11
1547	703529854 1.07E+11
1548	1045262500 1.07E+11
1549	13646711 1.07E+11
1550	4217485 1.07E+11
1551	229274017 1.07E+11
1552	312049711 1.07E+11
1553	43671843 1.07E+11
1554	1786127 1.07E+11
1555	1931682 1.07E+11
1556	1426604211 1.07E+11
1557	76369137 1.07E+11
1558	1556611074 1.10E+12
1559	339471337 1.07E+11
1560	163606428 1.07E+11
1561	35495167 1.07E+11
1562	303474961 1.07E+11
1563	651461221 1.07E+11
1564	31347769 1.07E+11
1565	26105412 1.07E+11
1566	4365576 1.07E+11
1567	10325907659 1.10E+12
1568	3930704 1.07E+11
1569	383176595 1.07E+11
1570	90248120 1.10E+12
1571	1143450751 1.07E+11
1572	17938132 1.07E+11
1573	11256976334 1.10E+12
1574	448457444 1.07E+11
1575	346541461 1.07E+11
1576	135128365 1.07E+11
1577	5067561 1.07E+11
1578	1897126 1.07E+11
1579	299428883 1.07E+11
1580	527856490 1.07E+11
1581	1365440970 1.07E+11
1582	59591829 1.07E+11
1583	4852657200 1.07E+11

1584	17082469458	1.07E+11
1585	171610949	1.07E+11
1586	2582184	1.07E+11
1587	1831463	1.07E+11
1588	11152389081	1.07E+11
1589	604280983	1.07E+11
1590	43706072	1.07E+11
1591	1773967	1.07E+11
1592	4163078	1.07E+11
1593	71708512	1.07E+11
1594	10422841	1.07E+11
1595	1090760851	1.07E+11
1596	37387246	1.07E+11
1597	4103222	1.07E+11
1598	4203285043	1.07E+11
1599	50375100	1.10E+12
1600	12230824	1.07E+11
1601	85785155	1.10E+12
1602	1520066640	1.10E+12
1603	146957490	1.07E+11
1604	1880775	1.07E+11
1605	740305101	1.07E+11
1606	37589899	1.07E+11
1607	94664277	1.07E+11
1608	78386990	1.07E+11
1609	57162168	1.10E+12
1610	5570155	1.07E+11
1611	145803814	1.07E+11
1612	1724403	1.07E+11
1613	2953004746	1.07E+11
1614	8657546	1.07E+11
1615	85543183	1.07E+11
1616	185198091	1.07E+11
1617	389930357	1.07E+11
1618	16491063	1.07E+11
1619	467	1.07E+11
1620	2118146	1.07E+11
1621	113921669	1.07E+11
1622	25872684615	1.07E+11
1623	3714446865	1.07E+11
1624	4187195086	1.10E+12
1625	1697702	1.07E+11
1626	14976912	1.07E+11
1627	261778467	1.07E+11

1628	1921807 1.07E+11
1629	3362961897 1.07E+11
1630	73512915 1.07E+11
1631	39564335 1.07E+11
1632	82095494 1.07E+11
1633	982354997 1.07E+11
1634	427543744 1.07E+11
1635	5365185 1.07E+11
1636	105804495 1.07E+11
1637	835578026 1.07E+11
1638	363490477 1.07E+11
1639	84448511 1.07E+11
1640	59552089 1.07E+11
1641	14642581 1.07E+11
1642	24689877987 1.10E+12
1643	1286506439 1.07E+11
1644	1 1.07E+11
1645	6370355822 1.07E+11
1646	50015324 1.07E+11
1647	1981111 1.07E+11
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1651	199134694 1.07E+11
1652	6316030 1.07E+11
1653	5902450 1.07E+11
1654	1799367295 1.07E+11
1655	162432213 1.07E+11
1656	851038537 1.07E+11
1657	1566196880 1.10E+12
1658	54197124119 1.07E+11
1659	619454706 1.07E+11
1660	36577169 1.07E+11
1661	19126581 1.07E+11
1662	30454953 1.07E+11
1663	88448887 1.07E+11
1664	5553217 1.07E+11
1665	430860395 1.07E+11
1666	3298822 1.07E+11
1667	229727238 1.07E+11
1668	3616472 1.07E+11
1669	2225573730 1.07E+11
1670	55434818 1.07E+11
1671	4753516 1.07E+11

1672	1151539070	1.10E+12
1673	94104570	1.07E+11
1674	2725835	1.07E+11
1675	2514055	1.07E+11
1676	12100457	1.07E+11
1677	2171278	1.07E+11
1678	1713722	1.07E+11
1679	45132205	1.10E+12
1680	1747084052	1.07E+11
1681	4495150	1.07E+11
1682	1136422379	1.07E+11
1683	6403593	1.07E+11
1684	65564847	1.07E+11
1685	192231021	1.07E+11
1686	2798298	1.07E+11
1687	1728488	1.07E+11
1688	6965562229	1.07E+11
1689	837783813	1.07E+11
1690	1550825103	1.07E+11
1691	775033358	1.07E+11
1692	481776980	1.07E+11
1693	3255374	1.07E+11
1694	46722115	1.07E+11
1695	1921182	1.07E+11
1696	2339206	1.07E+11
1697	235513252	1.10E+12
1698	291753446	1.10E+12
1699	1854382	1.07E+11
1700	1069544427	1.10E+12
1701	2308556	1.07E+11
1702	4666668225	1.07E+11
1703	72562326	1.10E+12
1704	3482999	1.07E+11
1705	58782198724	1.07E+11
1706	7093314790	1.07E+11
1707	1804447	1.07E+11
1708	3330984	1.07E+11
1709	63269765	1.10E+12
1710	4648434006	1.10E+12
1711	12651623	1.07E+11
1712	97080335	1.07E+11
1713	1270321387	1.07E+11
1714	146995576	1.10E+12
1715	1720178	1.07E+11

1716	50419061	1.07E+11
1717	2310175	1.07E+11
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1719	758543773	1.07E+11
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1721	1291373130	1.07E+11
1722	1938838	1.07E+11
1723	4873617769	1.07E+11
1724	12790869	1.07E+11
1725	1861530	1.07E+11
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1746	98464680	1.07E+11
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1749	119765871	1.07E+11
1750	6792941	1.07E+11
1751	428591468	1.10E+12
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1753	2416772	1.07E+11
1754	18389079	1.07E+11
1755	51013666	1.07E+11
1756	388948537	1.07E+11
1757	2245174238	1.07E+11
1758	13177385	1.07E+11
1759	28061208	1.07E+11

1760	4188866	1.07E+11
1761	67618837	1.07E+11
1762	485460675	1.07E+11
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1765	1369631455	1.07E+11
1766	1703153	1.07E+11
1767	1124232204	1.10E+12
1768	32307274	1.07E+11
1769	1765796	1.07E+11
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1771	22733623	1.07E+11
1772	49313339	1.07E+11
1773	1913452244	1.07E+11
1774	2278658707	1.07E+11
1775	63869823	1.07E+11
1776	2289877819	1.10E+12
1777	8144230	1.07E+11
1778	22789568647	1.07E+11
1779	6675846	1.07E+11
1780	52246629	1.07E+11
1781	806984353	1.07E+11
1782	1705716	1.07E+11
1783	33971523	1.07E+11
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1788	6955777	1.07E+11
1789	103880005	1.07E+11
1790	1768379	1.07E+11
1791	222270338	1.07E+11
1792	1120388146	1.07E+11
1793	345088447	1.07E+11
1794	1863331079	1.07E+11
1795	13133218	1.07E+11
1796	1788914	1.07E+11
1797	38283393	1.07E+11
1798	129078206	1.07E+11
1799	5446284	1.10E+12
1800	2220044	1.10E+12
1801	34038292	1.07E+11
1802	110304178	1.07E+11
1803	29851033	1.07E+11

1804	880740309	1.07E+11
1805	169356974	1.07E+11
1806	5422102	1.07E+11
1807	1091660753	1.07E+11
1808	342183341	1.07E+11
1809	3781770	1.07E+11
1810	32828111	1.07E+11
1811	217109804	1.07E+11
1812	2127730	1.07E+11
1813	7489812017	1.07E+11
1814	99971021	1.07E+11
1815	15094401	1.07E+11
1816	8160717	1.07E+11
1817	3700270	1.07E+11
1818	34554504945	1.07E+11
1819	65209439	1.07E+11
1820	1820385	1.07E+11
1821	973412522	1.07E+11
1822	684788461	1.07E+11
1823	80817876	1.07E+11
1824	3007080370	1.07E+11
1825	9003213	1.07E+11
1826	145266380	1.07E+11
1827	28218766	1.07E+11
1828	689464397	1.07E+11
1829	4488954	1.07E+11
1830	63638841	1.10E+12
1831	22062725	1.07E+11
1832	1742014	1.07E+11
1833	101539403	1.07E+11
1834	1489236097	1.07E+11
1835	830609372	1.10E+12
1836	134718108	1.07E+11
1837	1980697065	1.10E+12
1838	1404707	1.07E+11
1839	10774730	1.07E+11
1840	10997474	1.07E+11
1841	5797667	1.07E+11
1842	3329607700	1.07E+11
1843	1703087	1.07E+11
1844	83998590	1.07E+11
1845	142731666	1.10E+12
1846	17906310	1.07E+11
1847	1835797	1.07E+11

1848	184905063	1.07E+11
1849	6231327	1.10E+12
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1851	387716534	1.07E+11
1852	1771321	1.07E+11
1853	2496419	1.07E+11
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1856	2102935694	1.07E+11
1857	16559720	1.07E+11
1858	2187062557	1.07E+11
1859	99032889	1.07E+11
1860	33565239	1.07E+11
1861	70907142	1.07E+11
1862	4977883	1.07E+11
1863	1481980379	1.10E+12
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1879	3326337	1.07E+11
1880	1866157	1.07E+11
1881	1910767	1.07E+11
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1886	3993428562	1.07E+11
1887	2396517450	1.07E+11
1888	17720185451	1.07E+11
1889	245733727	1.07E+11
1890	4711964648	1.07E+11
1891	95949540	1.07E+11

1892	92929540	1.07E+11
1893	4428534688	1.07E+11
1894	1852555366	1.07E+11
1895	352208622	1.07E+11
1896	1990229	1.07E+11
1897	104555451	1.07E+11
1898	748200854	1.10E+12
1899	3774393	1.07E+11
1900	73221118	1.07E+11
1901	3276575	1.07E+11
1902	4945052	1.07E+11
1903	2668022871	1.07E+11
1904	97611779	1.10E+12
1905	1834149	1.07E+11
1906	3669370	1.07E+11
1907	0	1.07E+11
1908	1773740	1.07E+11
1909	6696541	1.07E+11
1910	13864032	1.07E+11
1911	289374109	1.07E+11
1912	3098879863	1.07E+11
1913	217506934	1.07E+11
1914	336470063	1.10E+12
1915	483309663	1.07E+11
1916	2685511592	1.10E+12
1917	4547834	1.07E+11
1918	686735453	1.07E+11
1919	1586811076	1.10E+12
1920	815876927	1.07E+11
1921	271484589	1.10E+12
1922	6814408	1.07E+11
1923	2801900191	1.10E+12
1924	2941583	1.07E+11
1925	1	1.07E+11
1926	2157701063	1.07E+11
1927	16290836	1.07E+11
1928	37125144	1.07E+11
1929	2426232487	1.10E+12
1930	318782481	1.07E+11
1931	738775563	1.07E+11
1932	14120873	1.07E+11
1933	16405151	1.07E+11
1934	38519411925	1.10E+12
1935	1350024305	1.07E+11

1936	430071043	1.07E+11
1937	18513427	1.07E+11
1938	286746991	1.07E+11
1939	2755822	1.10E+12
1940	29757761	1.07E+11
1941	1627328515	1.07E+11
1942	4509603	1.07E+11
1943	1365709210	1.10E+12
1944	3456775	1.07E+11
1945	6317449090	1.07E+11
1946	4360927	1.10E+12
1947	450784881	1.07E+11
1948	4555462450	1.07E+11
1949	47178787	1.07E+11
1950	1676884004	1.07E+11
1951	1997457	1.07E+11
1952	1687731	1.07E+11
1953	17824854	1.07E+11
1954	37337310	1.07E+11
1955	443083473	1.07E+11
1956	130283462	1.07E+11
1957	1703671	1.07E+11
1958	12807402	1.07E+11
1959	484065549	1.07E+11
1960	1702637	1.07E+11
1961	162132635	1.10E+12
1962	1152065056	1.07E+11
1963	4302975	1.10E+12
1964	206703648	1.07E+11
1965	3513187	1.07E+11
1966	347478486	1.07E+11
1967	13271262	1.10E+12
1968	1847896	1.07E+11
1969	2236283	1.07E+11
1970	1974628	1.07E+11
1971	18333427628	1.07E+11
1972	17220957	1.07E+11
1973	4174257	1.07E+11
1974	768850422	1.07E+11
1975	85145891	1.07E+11
1976	1760016	1.07E+11
1977	3905161	1.07E+11
1978	50794638	1.07E+11
1979	192321683	1.07E+11

1980	1779043	1.07E+11
1981	873382636	1.07E+11
1982	13065113	1.07E+11
1983	4199247654	1.07E+11
1984	40990489	1.07E+11
1985	177921797	1.07E+11
1986	277908	1.10E+12
1987	37751284	1.07E+11
1988	834750337	1.07E+11
1989	505302682	1.07E+11
1990	5011543	1.07E+11
1991	1702744	1.07E+11
1992	1820856	1.07E+11
1993	1762683	1.10E+12
1994	103872244	1.10E+12
1995	1702832	1.07E+11
1996	46545065	1.07E+11
1997	74891033	1.10E+12
1998	29921407	1.07E+11
1999	4168886	1.07E+11
2000	3594460242	1.07E+11
2001	66064798	1.07E+11
2002	1780199	1.07E+11
2003	2933264659	1.07E+11
2004	475860849	1.07E+11
2005	4036299	1.07E+11
2006	2030308	1.07E+11
2007	74732868	1.07E+11
2008	1783002	1.07E+11
2009	1171402440	1.07E+11
2010	309071289	1.07E+11
2011	159925465	1.07E+11
2012	2507100969	1.07E+11
2013	981646378	1.07E+11
2014	131430934	1.07E+11
2015	1724712	1.07E+11
2016	314206382	1.07E+11
2017	2545240	1.07E+11
2018	29965558	1.07E+11
2019	1734154	1.07E+11
2020	1823088	1.07E+11
2021	3131332	1.07E+11
2022	654618314	1.07E+11
2023	1651649397	1.07E+11

2024	6942090244	1.07E+11
2025	1972341	1.07E+11
2026	32658768	1.07E+11
2027	1205576433	1.10E+12
2028	104274579	1.07E+11
2029	12735264	1.07E+11
2030	52246847	1.07E+11
2031	2456781788	1.10E+12
2032	80037134	1.07E+11
2033	72814018	1.07E+11
2034	1745071	1.07E+11
2035	446611651	1.07E+11
2036	637846894	1.07E+11
2037	118201378	1.07E+11
2038	4224784	1.07E+11
2039	635323120	1.07E+11
2040	5313177154	1.10E+12
2041	542011348	1.10E+12
2042	574781424	1.07E+11
2043	2343709	1.07E+11
2044	24261229	1.07E+11
2045	609017076	1.07E+11
2046	664667561	1.07E+11
2047	409615052	1.07E+11
2048	59318343	1.07E+11
2049	5738214737	1.07E+11
2050	901181105	1.07E+11
2051	1366353928	1.07E+11
2052	2233185	1.07E+11
2053	183868756	1.07E+11
2054	491269441	1.07E+11
2055	58873331	1.10E+12
2056	1747486	1.07E+11
2057	27653002	1.10E+12
2058	98853051	1.07E+11
2059	4910567	1.07E+11
2060	2597099	1.07E+11
2061	7882423	1.07E+11
2062	701176587	1.07E+11
2063	2061584	1.07E+11
2064	6348817269	1.07E+11
2065	199562447	1.07E+11
2066	6248024	1.07E+11
2067	663237478	1.07E+11

2068	2678840 1.07E+11
2069	1938531 1.07E+11
2070	1720338 1.07E+11
2071	2896798 1.07E+11
2072	542488946 1.07E+11
2073	232438929 1.07E+11
2074	576163240 1.07E+11
2075	370478223 1.07E+11
2076	3096954 1.07E+11
2077	61034582 1.07E+11
2078	5584693 1.07E+11
2079	173865093 1.07E+11
2080	13983282 1.07E+11
2081	4351247 1.07E+11
2082	87941480 1.07E+11
2083	138817359 1.07E+11
2084	3391578 1.07E+11
2085	1728761 1.07E+11
2086	136982467 1.07E+11
2087	2739008459 1.10E+12
2088	134426761 1.07E+11
2089	11780850 1.07E+11
2090	887778999 1.07E+11
2091	2426804 1.07E+11
2092	215445885 1.07E+11
2093	91988432 1.07E+11
2094	52719888 1.07E+11
2095	96098374 1.10E+12
2096	1139155174 1.07E+11
2097	207812072 1.07E+11
2098	164769872 1.07E+11
2099	5683118432 1.07E+11
2100	1013319913 1.10E+12
2101	50873691 1.07E+11
2102	144230994 1.07E+11
2103	267191198 1.07E+11
2104	1956454806 1.07E+11
2105	43551322 1.07E+11
2106	21959390 1.07E+11
2107	78900013 1.07E+11
2108	1105630603 1.07E+11
2109	29833589 1.07E+11
2110	264855706 1.07E+11
2111	651317931 1.07E+11

2112	45132380	1.07E+11
2113	4168658	1.07E+11
2114	7514381	1.07E+11
2115	2245055428	1.07E+11
2116	1040605403	1.07E+11
2117	1919130530	1.07E+11
2118	122355835	1.07E+11
2119	67873139	1.07E+11
2120	1618923773	1.07E+11
2121	196660533	1.07E+11
2122	1223378647	1.07E+11
2123	227243623	1.07E+11
2124	691063078	1.07E+11
2125	60279869307	1.07E+11
2126	8398425	1.07E+11
2127	179885044	1.10E+12
2128	136884308	1.10E+12
2129	49491105	1.07E+11
2130	45113712	1.07E+11
2131	9514221	1.07E+11
2132	238067364	1.07E+11
2133	1706763	1.07E+11
2134	454574400	1.07E+11
2135	4014953	1.07E+11
2136	170763935	1.10E+12
2137	1705252	1.07E+11
2138	210393477	1.07E+11
2139	414439550	1.07E+11
2140	359791873	1.07E+11
2141	867622348	1.07E+11
2142	354257340	1.07E+11
2143	53560702	1.07E+11
2144	165786384	1.07E+11
2145	816159300	1.07E+11
2146	638	1.07E+11
2147	32350929	1.07E+11
2148	7311391	1.07E+11
2149	961568012	1.07E+11
2150	2275317562	1.07E+11
2151	9493180082	1.07E+11
2152	321766849	1.07E+11
2153	3328550	1.07E+11
2154	3503148890	1.07E+11
2155	46612581324	1.10E+12

2156	93306537	1.10E+12
2157	1995374205	1.07E+11
2158	1157541386	1.07E+11
2159	0	1.07E+11
2160	2423179188	1.07E+11
2161	198917646	1.07E+11
2162	211945905	1.07E+11
2163	37134532	1.07E+11
2164	213070892	1.07E+11
2165	9722877405	1.07E+11
2166	1887360	1.07E+11
2167	1831262458	1.07E+11
2168	1692914	1.07E+11
2169	2270345860	1.07E+11
2170	76656075	1.07E+11
2171	204593665	1.07E+11
2172	12081328	1.07E+11
2173	9055739	1.07E+11
2174	9716330	1.07E+11
2175	1739328	1.07E+11
2176	2397891	1.07E+11
2177	182437303	1.07E+11
2178	2014486	1.07E+11
2179	6452504304	1.10E+12
2180	833669738	1.07E+11
2181	1736876	1.07E+11
2182	564254100	1.07E+11
2183	104282382	1.07E+11
2184	324620287	1.07E+11
2185	1822434	1.07E+11
2186	1079656	1.10E+12
2187	1859723	1.10E+12
2188	6259773	1.07E+11
2189	53285617	1.07E+11
2190	58228934	1.07E+11
2191	1077394205	1.10E+12
2192	44154030	1.07E+11
2193	1904692	1.07E+11
2194	5530509	1.07E+11
2195	7955794	1.07E+11
2196	198456391	1.07E+11
2197	1133319098	1.07E+11
2198	5893920	1.07E+11
2199	1849165	1.07E+11

2200	4477768	1.07E+11
2201	28499890523	1.07E+11
2202	490758278	1.07E+11
2203	268937858	1.07E+11
2204	13710609	1.07E+11
2205	60982094	1.07E+11
2206	553851158	1.07E+11
2207	6523291	1.07E+11
2208	1926352	1.07E+11
2209	404289263	1.07E+11
2210	397652050	1.10E+12
2211	312779526	1.07E+11
2212	1708841	1.07E+11
2213	151935523	1.07E+11
2214	38287903	1.07E+11
2215	994033038	1.07E+11
2216	3456709	1.07E+11
2217	35763893	1.07E+11
2218	2236241	1.07E+11
2219	590847997	1.07E+11
2220	2105333	1.07E+11
2221	18199579	1.10E+12
2222	829490912	1.07E+11
2223	8900197406	1.07E+11
2224	1724778	1.07E+11
2225	2770813615	1.10E+12
2226	1360661	1.07E+11
2227	12161240204	1.07E+11
2228	28477381499	1.07E+11
2229	127620606	1.10E+12
2230	226682042	1.07E+11
2231	4423997	1.07E+11
2232	1780355	1.07E+11
2233	2253373326	1.07E+11
2234	232963633	1.10E+12
2235	75725433	1.07E+11
2236	19170789	1.07E+11
2237	192912898	1.10E+12
2238	46383788	1.07E+11
2239	1931875535	1.10E+12
2240	535446373	1.07E+11
2241	36449129	1.07E+11
2242	2171050	1.07E+11
2243	35944468	1.07E+11

2244	440877803	1.07E+11
2245	66999104	1.07E+11
2246	1380208346	1.07E+11
2247	460233799	1.07E+11
2248	93119151	1.07E+11
2249	4063964375	1.07E+11
2250	375282451	1.07E+11
2251	1812706	1.07E+11
2252	3473657	1.07E+11
2253	10319619	1.07E+11
2254	67034423	1.07E+11
2255	50479132	1.07E+11
2256	4157878417	1.07E+11
2257	310419710	1.07E+11
2258	369636986	1.07E+11
2259	164420668	1.07E+11
2260	10054363	1.07E+11
2261	71731798	1.07E+11
2262	2705723	1.07E+11
2263	9288784447	1.10E+12
2264	339199627	1.07E+11
2265	2013720	1.07E+11
2266	5339944450	1.07E+11
2267	1465313836	1.07E+11
2268	145055147	1.07E+11
2269	21643172	1.07E+11
2270	52958607	1.07E+11
2271	958321617	1.07E+11
2272	16580756	1.10E+12
2273	9500286	1.07E+11
2274	11491902	1.07E+11
2275	1693025	1.07E+11
2276	55238745	1.07E+11
2277	166913398	1.07E+11
2278	1865480260	1.07E+11
2279	1697216	1.07E+11
2280	19647331633	1.07E+11
2281	1703002	1.07E+11
2282	214422492	1.10E+12
2283	1905882	1.07E+11
2284	2223047	1.07E+11
2285	148075340	1.10E+12
2286	75300152	1.07E+11
2287	18438112291	1.07E+11

2288	2738777205	1.10E+12
2289	2024620662	1.10E+12
2290	50158047	1.07E+11
2291	127659730	1.07E+11
2292	116876577	1.07E+11
2293	2913040165	1.07E+11
2294	952163297	1.07E+11
2295	4846934	1.07E+11
2296	4462035	1.07E+11
2297	203865506	1.07E+11
2298	127068	1.07E+11
2299	8889168503	1.07E+11
2300	4391116	1.07E+11
2301	1715479	1.07E+11
2302	342810453	1.07E+11
2303	1744665	1.07E+11
2304	369539	1.07E+11
2305	10808340	1.07E+11
2306	1960840964	1.07E+11
2307	36431284	1.07E+11
2308	13644729404	1.10E+12
2309	4927732	1.07E+11
2310	6938611	1.10E+12
2311	2010731	1.07E+11
2312	8270440	1.07E+11
2313	257922364	1.07E+11
2314	1841645	1.07E+11
2315	116202117	1.07E+11
2316	18701387	1.07E+11
2317	2859326	1.07E+11
2318	3260542	1.07E+11
2319	2803949	1.07E+11
2320	285269169	1.07E+11
2321	193032141	1.07E+11
2322	5185867574	1.10E+12
2323	1412881478	1.07E+11
2324	161565552	1.07E+11
2325	41645252139	1.07E+11
2326	2778055	1.07E+11
2327	18667542	1.07E+11
2328	247724710	1.07E+11
2329	6489663	1.07E+11
2330	55044544	1.07E+11
2331	174745651	1.07E+11

2332	445801067	1.07E+11
2333	172725504	1.07E+11
2334	173960038	1.07E+11
2335	61516587	1.07E+11
2336	320181734	1.10E+12
2337	25852251	1.07E+11
2338	18217814	1.10E+12
2339	262098718	1.07E+11
2340	96873489	1.07E+11
2341	32495345	1.07E+11
2342	6418339	1.07E+11
2343	1703233	1.07E+11
2344	6026239	1.07E+11
2345	496161118	1.07E+11
2346	3946431132	1.10E+12
2347	4385264	1.07E+11
2348	3316389	1.07E+11
2349	790256232	1.10E+12
2350	13207336	1.07E+11
2351	16563805	1.07E+11
2352	731693289	1.07E+11
2353	1795791	1.07E+11
2354	22743666072	1.07E+11
2355	457423264	1.07E+11
2356	4827388605	1.07E+11
2357	152256572	1.07E+11
2358	701969042	1.07E+11
2359	949419415	1.10E+12
2360	8805384	1.07E+11
2361	62138129	1.07E+11
2362	1101084732	1.07E+11
2363	39093589	1.07E+11
2364	1741067	1.07E+11
2365	1418115975	1.10E+12
2366	98781369555	1.07E+11
2367	326828340	1.07E+11
2368	86938176	1.07E+11
2369	1334845687	1.10E+12
2370	9220610	1.07E+11
2371	7944055919	1.10E+12
2372	741157547	1.07E+11
2373	1718532	1.07E+11
2374	3801257	1.07E+11
2375	1925409	1.07E+11

2376	53465662	1.07E+11
2377	3351558	1.07E+11
2378	1748103	1.07E+11
2379	1632917364	1.07E+11
2380	9241810	1.07E+11
2381	5042084475	1.07E+11
2382	739270874	1.10E+12
2383	1687538	1.07E+11
2384	436396858	1.07E+11
2385	26204297550	1.07E+11
2386	76248046	1.07E+11
2387	2928501	1.07E+11
2388	11856957	1.07E+11
2389	64632959	1.07E+11
2390	2024130	1.07E+11
2391	461109935	1.07E+11
2392	1782911	1.07E+11
2393	47284905	1.07E+11
2394	13268307	1.07E+11
2395	29875574	1.07E+11
2396	162959329	1.07E+11
2397	18682306	1.07E+11
2398	122755330	1.07E+11
2399	1924804	1.07E+11
2400	297200386	1.07E+11
2401	53243796	1.10E+12
2402	16644034	1.07E+11
2403	3233049	1.07E+11
2404	2	1.07E+11
2405	8043508	1.07E+11
2406	16189630884	1.07E+11
2407	3653417943	1.07E+11
2408	577214453	1.07E+11
2409	1237161473	1.07E+11
2410	897120642	1.07E+11
2411	2350510	1.07E+11
2412	18998466	1.07E+11
2413	2857555	1.07E+11
2414	1285484041	1.07E+11
2415	161114072	1.07E+11
2416	60883386	1.07E+11
2417	1634496154	1.07E+11
2418	132574257	1.07E+11
2419	447237162	1.07E+11

2420	1227473854	1.07E+11
2421	9500197110	1.07E+11
2422	102226345	1.07E+11
2423	10474701107	1.07E+11
2424	3618541083	1.07E+11
2425	5534144	1.07E+11
2426	51934443	1.07E+11
2427	135524089	1.07E+11
2428	2170694	1.07E+11
2429	1175282365	1.07E+11
2430	131407593	1.07E+11
2431	4310556	1.07E+11
2432	339006177	1.07E+11
2433	1830289	1.07E+11
2434	16213520	1.07E+11
2435	129194462	1.07E+11
2436	79144517	1.07E+11
2437	1702818507	1.07E+11
2438	969051567	1.07E+11
2439	2128768	1.07E+11
2440	9378634	1.07E+11
2441	3990814	1.07E+11
2442	1003526498	1.07E+11
2443	2322062	1.07E+11
2444	1616843071	1.07E+11
2445	323332838	1.10E+12
2446	644833791	1.07E+11
2447	197474206	1.07E+11
2448	1161553774	1.07E+11
2449	298910663	1.07E+11
2450	4283169982	1.07E+11
2451	1643397538	1.07E+11
2452	124947422	1.10E+12
2453	43424250	1.07E+11
2454	7817736	1.07E+11
2455	2039042	1.07E+11
2456	129363002	1.07E+11
2457	2288301972	1.07E+11
2458	3051331	1.07E+11
2459	3403370	1.07E+11
2460	326556934	1.07E+11
2461	623895839	1.07E+11
2462	520545001	1.10E+12
2463	2843025	1.07E+11

2464	1738408	1.07E+11
2465	2596374	1.07E+11
2466	1775305201	1.07E+11
2467	395558807	1.07E+11
2468	2388400	1.07E+11
2469	169803386	1.07E+11
2470	8833959	1.07E+11
2471	3781148510	1.07E+11
2472	15153837	1.07E+11
2473	5645337	1.07E+11
2474	1873000	1.07E+11
2475	1711434	1.07E+11
2476	48418772	1.07E+11
2477	230576	1.07E+11
2478	10956514619	1.07E+11
2479	55844339	1.07E+11
2480	57985844	1.07E+11
2481	3643828695	1.10E+12
2482	870812341	1.07E+11
2483	116998538	1.10E+12
2484	2406977	1.07E+11
2485	566004629	1.10E+12
2486	120970225	1.07E+11
2487	221618850	1.07E+11
2488	21232706	1.07E+11
2489	1686787	1.07E+11
2490	337363530	1.07E+11
2491	11525762	1.07E+11
2492	10202040	1.07E+11
2493	641959352	1.10E+12
2494	1795247	1.07E+11
2495	475006882	1.07E+11
2496	2618711694	1.10E+12
2497	96950725	1.07E+11
2498	160243376	1.07E+11
2499	1916039	1.07E+11
2500	1813832	1.07E+11
2501	177464316	1.07E+11
2502	13946700	1.07E+11
2503	288767231	1.07E+11
2504	2357473164	1.10E+12
2505	20725729682	1.07E+11
2506	2658635373	1.07E+11
2507	62182090	1.07E+11

2508	2123612	1.07E+11
2509	2707010220	1.07E+11
2510	53359180	1.10E+12
2511	29351322	1.07E+11
2512	70836865	1.07E+11
2513	20764611	1.07E+11
2514	7481627	1.07E+11
2515	4042239240	1.07E+11
2516	5051277	1.07E+11
2517	660197751	1.07E+11
2518	1798749891	1.07E+11
2519	63516880065	1.10E+12
2520	760712825	1.07E+11
2521	115286979	1.07E+11
2522	410143559	1.07E+11
2523	24439104	1.10E+12
2524	4114701	1.07E+11
2525	1799308	1.07E+11
2526	15408820	1.07E+11
2527	8990864	1.07E+11
2528	4376173	1.07E+11
2529	450449325	1.07E+11
2530	668499582	1.07E+11
2531	58679044	1.07E+11
2532	1126563698	1.07E+11
2533	18457869	1.07E+11
2534	9908428	1.07E+11
2535	36909408	1.07E+11
2536	1724875	1.07E+11
2537	21216900	1.07E+11
2538	148419276	1.07E+11
2539	1069822540	1.07E+11
2540	3622010243	1.07E+11
2541	261394147	1.07E+11
2542	1778247	1.07E+11
2543	2689644	1.07E+11
2544	1079331298	1.07E+11
2545	24416862	1.07E+11
2546	18285049	1.10E+12
2547	355427389	1.07E+11
2548	1734591	1.07E+11
2549	38086850	1.07E+11
2550	206106967	1.10E+12
2551	1019898578	1.07E+11

2552	1556197093	1.10E+12
2553	115244409	1.07E+11
2554	238107661	1.07E+11
2555	4036455	1.07E+11
2556	1038497725	1.10E+12
2557	4873403732	1.07E+11
2558	105533620	1.07E+11
2559	759719047	1.07E+11
2560	1752296	1.07E+11
2561	1704885	1.07E+11
2562	78914907	1.07E+11
2563	2134220	1.07E+11
2564	582329995	1.07E+11
2565	511009666	1.07E+11
2566	7866315660	1.07E+11
2567	114149600	1.07E+11
2568	1819087	1.07E+11
2569	1036225305	1.07E+11
2570	1752514	1.07E+11
2571	665545068	1.10E+12
2572	12607772	1.07E+11
2573	459788874	1.07E+11
2574	14547371	1.07E+11
2575	266400572	1.07E+11
2576	142403539	1.07E+11
2577	10467090173	1.07E+11
2578	4250551	1.07E+11
2579	2763955	1.07E+11
2580	3382512	1.07E+11
2581	1897997	1.07E+11
2582	1257055856	1.07E+11
2583	133995349	1.07E+11
2584	8186863	1.07E+11
2585	98296950	1.07E+11
2586	528938	1.07E+11
2587	244661775	1.10E+12
2588	2748909	1.07E+11
2589	346452459	1.07E+11
2590	1767956	1.07E+11
2591	1753231	1.07E+11
2592	39679296890	1.07E+11
2593	1736297	1.07E+11
2594	15657469	1.07E+11
2595	1371135974	1.10E+12

2596	4805133038	1.07E+11
2597	1794025	1.07E+11
2598	75507199	1.07E+11
2599	14859507	1.07E+11
2600	16473055	1.07E+11
2601	1130902359	1.07E+11
2602	1926687	1.07E+11
2603	5474184	1.07E+11
2604	2412263	1.10E+12
2605	109170921	1.07E+11
2606	16887198344	1.07E+11
2607	28617672392	1.07E+11
2608	2406051787	1.07E+11
2609	1532254466	1.07E+11
2610	166176443	1.07E+11
2611	593092703	1.10E+12
2612	40009461	1.07E+11
2613	160263041	1.07E+11
2614	1860264	1.07E+11
2615	464713020	1.07E+11
2616	423785007	1.07E+11
2617	2531299	1.07E+11
2618	653060767	1.07E+11
2619	1721292	1.07E+11
2620	763632950	1.10E+12
2621	4187722	1.07E+11
2622	18714532	1.07E+11
2623	337942380	1.10E+12
2624	314102778	1.07E+11
2625	13497121	1.07E+11
2626	813577100	1.10E+12
2627	922351241	1.07E+11
2628	7359211	1.07E+11
2629	1158348692	1.07E+11
2630	4896167107	1.10E+12
2631	30412508	1.07E+11
2632	2768461994	1.07E+11
2633	704613038	1.07E+11
2634	458158357	1.07E+11
2635	1775513	1.07E+11
2636	1802208	1.07E+11
2637	1582377919	1.07E+11
2638	279354576	1.07E+11
2639	793155057	1.07E+11

2640	13688718	1.10E+12
2641	1353118093	1.07E+11
2642	1839192	1.07E+11
2643	159121780	1.07E+11
2644	196943937	1.07E+11
2645	1689940	1.07E+11
2646	857667941	1.07E+11
2647	3909974	1.07E+11
2648	2168534	1.07E+11
2649	4862507	1.07E+11
2650	97327706	1.07E+11
2651	80330339	1.07E+11
2652	1684545591	1.07E+11
2653	7764505904	1.07E+11
2654	7613835	1.07E+11
2655	88600045	1.07E+11
2656	11741815	1.07E+11
2657	480907221	1.07E+11
2658	28359099	1.07E+11
2659	1093702994	1.07E+11
2660	2224717065	1.07E+11
2661	933717028	1.07E+11
2662	728866009	1.07E+11
2663	1725729	1.07E+11
2664	1200017584	1.07E+11
2665	455837245	1.07E+11
2666	79917007	1.07E+11
2667	16458726	1.07E+11
2668	138028938	1.07E+11
2669	120431863	1.07E+11
2670	1964410	1.07E+11
2671	1732857	1.07E+11
2672	4843265	1.07E+11
2673	47434256	1.10E+12
2674	1930131213	1.07E+11
2675	5565237	1.07E+11
2676	391419196	1.07E+11
2677	153971	1.10E+12
2678	2589073	1.07E+11
2679	1697791338	1.07E+11
2680	20751474738	1.07E+11
2681	1707266	1.07E+11
2682	3557648	1.07E+11
2683	3011453	1.07E+11

2684	6449183 1.07E+11
2685	838339991 1.07E+11
2686	3753149537 1.10E+12
2687	119794078 1.07E+11
2688	359798 1.07E+11
2689	1693094 1.07E+11
2690	817098492 1.07E+11
2691	2252740360 1.10E+12
2692	102159649 1.10E+12
2693	2274043 1.07E+11
2694	3512822 1.07E+11
2695	1964167230 1.10E+12
2696	80642404 1.07E+11
2697	4708074 1.07E+11
2698	150545384 1.10E+12
2699	2390590 1.07E+11
2700	1334667700 1.07E+11
2701	16714431 1.07E+11
2702	12599907 1.07E+11
2703	39246348 1.07E+11
2704	115924858 1.07E+11
2705	411923788 1.07E+11
2706	164512808 1.10E+12
2707	16003243 1.07E+11
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2709	2613393 1.07E+11
2710	14403486 1.07E+11
2711	8940530 1.07E+11
2712	9437213 1.07E+11
2713	2189242 1.07E+11
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2724	1705615 1.07E+11
2725	93642676 1.07E+11
2726	90448786 1.07E+11
2727	740937101 1.07E+11

2728	47338671 1.07E+11
2729	2365589270 1.10E+12
2730	42314626 1.07E+11
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2732	2372671 1.07E+11
2733	73025381 1.07E+11
2734	9996195867 1.10E+12
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2757	5591749 1.07E+11
2758	37717557 1.07E+11
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2764	1038055701 1.07E+11
2765	230993360 1.07E+11
2766	200370430 1.07E+11
2767	83151100 1.07E+11
2768	988789493 1.07E+11
2769	1310307464 1.10E+12
2770	7272330664 1.07E+11
2771	5516221 1.07E+11

2772	53475151	1.07E+11
2773	6105981	1.07E+11
2774	4299743568	1.07E+11
2775	4587546	1.07E+11
2776	224513543	1.07E+11
2777	1353279595	1.07E+11
2778	298642	1.07E+11
2779	6668689	1.07E+11
2780	249875031	1.07E+11
2781	53007945	1.07E+11
2782	7033024	1.07E+11
2783	13156956	1.07E+11
2784	9464381	1.07E+11
2785	1388532	1.07E+11
2786	22650836	1.07E+11
2787	2806794053	1.10E+12
2788	1989468	1.07E+11
2789	438612173	1.07E+11
2790	84346758	1.07E+11
2791	10388732682	1.07E+11
2792	1819183	1.07E+11
2793	9301840	1.10E+12
2794	255783567	1.07E+11
2795	10645094	1.07E+11
2796	101668226	1.07E+11
2797	40683605	1.07E+11
2798	9994207	1.07E+11
2799	3710644	1.07E+11
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2801	1768258	1.07E+11
2802	3137498113	1.07E+11
2803	250126	1.07E+11
2804	164179964	1.07E+11
2805	1708547004	1.10E+12
2806	12308515	1.07E+11
2807	12023584	1.07E+11
2808	1298296131	1.07E+11
2809	4241170055	1.07E+11
2810	65850630	1.07E+11
2811	212883181	1.07E+11
2812	76604242	1.07E+11
2813	686523879	1.07E+11
2814	18472973	1.07E+11
2815	4108523848	1.07E+11

2816	2656937	1.07E+11
2817	189268313	1.07E+11
2818	359618954	1.10E+12
2819	73168658	1.07E+11
2820	905478793	1.07E+11
2821	4371781	1.07E+11
2822	91179414	1.10E+12
2823	1634435612	1.07E+11
2824	1789314508	1.07E+11
2825	1955246	1.07E+11
2826	1446699501	1.07E+11
2827	199593558	1.07E+11
2828	40660128	1.07E+11
2829	1936857	1.07E+11
2830	14378298	1.07E+11
2831	182022600	1.07E+11
2832	3777878	1.10E+12
2833	50464908	1.07E+11
2834	1702599	1.07E+11
2835	1777572	1.07E+11
2836	88424830	1.07E+11
2837	12254136	1.07E+11
2838	154614406	1.07E+11
2839	627256473	1.07E+11
2840	1875618	1.07E+11
2841	284674800	1.07E+11
2842	557573291	1.07E+11
2843	2411951	1.07E+11
2844	564038390	1.10E+12
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2846	304104001	1.07E+11
2847	14295152	1.07E+11
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2849	22995211720	1.07E+11
2850	1721532	1.07E+11
2851	3150957	1.07E+11
2852	1685699324	1.10E+12
2853	4762596	1.07E+11
2854	91574110	1.07E+11
2855	223841157	1.07E+11
2856	166453680	1.07E+11
2857	237358516	1.07E+11
2858	6138681	1.07E+11
2859	47986116	1.07E+11

2860	2746931	1.07E+11
2861	115573456	1.07E+11
2862	1935664	1.07E+11
2863	12156636428	1.10E+12
2864	81291942	1.10E+12
2865	24104495	1.10E+12
2866	124060560	1.07E+11
2867	2181238259	1.10E+12
2868	289554251	1.07E+11
2869	2048984	1.07E+11
2870	494085677	1.07E+11
2871	70851998	1.07E+11
2872	4377717	1.07E+11
2873	5666167436	1.10E+12
2874	120645580	1.10E+12
2875	1923512	1.07E+11
2876	5792669	1.07E+11
2877	4593913	1.07E+11
2878	3729144088	1.07E+11
2879	61816857	1.07E+11
2880	1047053806	1.07E+11
2881	1106622694	1.07E+11
2882	153057755	1.07E+11
2883	5363553713	1.07E+11
2884	156794790	1.07E+11
2885	124258910	1.10E+12
2886	100003431	1.10E+12
2887	2130055372	1.07E+11
2888	2050826	1.07E+11
2889	212376665	1.07E+11
2890	2982824	1.07E+11
2891	323013088	1.07E+11
2892	2798533	1.07E+11
2893	1411046743	1.07E+11
2894	173009874	1.07E+11
2895	748900014	1.07E+11
2896	1646074	1.07E+11
2897	71754142	1.07E+11
2898	554346634	1.07E+11
2899	85277587	1.07E+11
2900	63816999	1.07E+11
2901	2878927	1.07E+11
2902	159622820	1.07E+11
2903	109830384	1.10E+12

2904	6993200	1.07E+11
2905	110634020	1.07E+11
2906	250984515	1.07E+11
2907	194198742	1.07E+11
2908	115961090	1.07E+11
2909	198214590	1.07E+11
2910	5058262556	1.07E+11
2911	20254495	1.07E+11
2912	786571317	1.07E+11
2913	107864854	1.07E+11
2914	47736519	1.10E+12
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2923	1074202608	1.07E+11
2924	120260963	1.07E+11
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2932	146171935	1.07E+11
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2945	4315869	1.07E+11
2946	51127627087	1.10E+12
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2955	1770099	1.07E+11
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2960	1769378	1.10E+12
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2964	14981583	1.07E+11
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2966	1155105018	1.07E+11
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2969	14108242	1.07E+11
2970	98618531	1.07E+11
2971	61120211	1.07E+11
2972	1776777	1.07E+11
2973	305112396	1.07E+11
2974	4024214	1.07E+11
2975	18715768	1.07E+11
2976	7419752063	1.07E+11
2977	2552827	1.07E+11
2978	131433784	1.07E+11
2979	164908828	1.07E+11
2980	5568748807	1.07E+11
2981	1809753	1.07E+11
2982	13842260	1.07E+11
2983	9901327	1.07E+11
2984	1915848	1.07E+11
2985	296550569	1.07E+11
2986	12124768	1.07E+11
2987	5471807	1.07E+11
2988	2200010	1.07E+11
2989	1401567503	1.07E+11
2990	1041055382	1.07E+11
2991	43806468	1.10E+12

2992	1717061	1.07E+11
2993	2847672726	1.07E+11
2994	3009421	1.07E+11
2995	285634108	1.07E+11
2996	34060222	1.07E+11
2997	3783439	1.10E+12
2998	1686164	1.07E+11
2999	1541122517	1.07E+11
3000	21253443	1.07E+11
3001	846296443	1.07E+11
3002	1666589739	1.07E+11
3003	21930819	1.07E+11
3004	417431427	1.07E+11
3005	66386573	1.07E+11
3006	66427389	1.10E+12
3007	1883270168	1.07E+11
3008	2252461	1.07E+11
3009	1732419	1.07E+11
3010	22306699520	1.07E+11
3011	10095548	1.07E+11
3012	32463280	1.07E+11
3013	50088340	1.07E+11
3014	3091980	1.07E+11
3015	986211021	1.07E+11
3016	17586293	1.07E+11
3017	449871219	1.07E+11
3018	1803487	1.07E+11
3019	21577902	1.07E+11
3020	62568019	1.07E+11
3021	6201515575	1.10E+12
3022	330105334	1.10E+12
3023	315467	1.07E+11
3024	9774570	1.07E+11
3025	58446249	1.07E+11
3026	2199967	1.07E+11
3027	1706184	1.07E+11
3028	3029118	1.07E+11
3029	164346963	1.07E+11
3030	744465107	1.07E+11
3031	8156562582	1.07E+11
3032	62147061	1.10E+12
3033	1689185	1.07E+11
3034	891504625	1.07E+11
3035	74250632	1.07E+11

3036	1841679	1.07E+11
3037	393174104	1.07E+11
3038	544427890	1.07E+11
3039	2627444	1.07E+11
3040	199827316	1.07E+11
3041	22598650057	1.07E+11
3042	713570298	1.07E+11
3043	2274320	1.07E+11
3044	42873852	1.07E+11
3045	3420728	1.07E+11
3046	1688030	1.07E+11
3047	289894133	1.07E+11
3048	185772891	1.07E+11
3049	166320467	1.07E+11
3050	28457613	1.07E+11
3051	9332748	1.07E+11
3052	7231911	1.07E+11
3053	12716063	1.07E+11
3054	288169736	1.07E+11
3055	221848377	1.07E+11
3056	516050529	1.07E+11
3057	19810334	1.07E+11
3058	4693865316	1.07E+11
3059	2597870	1.07E+11
3060	939668848	1.07E+11
3061	379837993	1.07E+11
3062	46477155	1.07E+11
3063	176125735	1.07E+11
3064	44967687	1.07E+11
3065	22329200	1.07E+11
3066	564694004	1.07E+11
3067	373754462	1.07E+11
3068	106744495	1.10E+12
3069	48189828	1.07E+11
3070	648537074	1.10E+12
3071	1947423	1.07E+11
3072	620219285	1.07E+11
3073	651381003	1.10E+12
3074	1393242230	1.10E+12
3075	9955144	1.07E+11
3076	56849130	1.07E+11
3077	41810480441	1.07E+11
3078	2382747	1.07E+11
3079	16087438	1.07E+11

3080	162856318	1.07E+11
3081	919709005	1.07E+11
3082	2989047	1.07E+11
3083	742913950	1.07E+11
3084	284435093	1.07E+11
3085	3983465	1.07E+11
3086	1723609	1.07E+11
3087	11351977	1.07E+11
3088	833849358	1.07E+11
3089	13746551	1.07E+11
3090	369383145	1.07E+11
3091	40105220	1.07E+11
3092	13959246230	1.07E+11
3093	250087026	1.07E+11
3094	277293926	1.07E+11
3095	1793443	1.07E+11
3096	11660515952	1.07E+11
3097	57501192	1.07E+11
3098	1065399936	1.07E+11
3099	3063616	1.07E+11
3100	144923761	1.07E+11
3101	1949498	1.07E+11
3102	3756613031	1.07E+11
3103	3759399	1.07E+11
3104	61238060	1.07E+11
3105	431361370	1.07E+11
3106	17312064	1.07E+11
3107	5136711	1.07E+11
3108	44007539	1.07E+11
3109	5453714	1.07E+11
3110	1975461	1.07E+11
3111	1767635	1.07E+11
3112	95098648	1.07E+11
3113	1317085580	1.07E+11
3114	672185309	1.07E+11
3115	11129179	1.07E+11
3116	3206716916	1.07E+11
3117	18509219789	1.07E+11
3118	3113741837	1.07E+11
3119	57681600	1.07E+11
3120	3013272	1.07E+11
3121	517661775	1.07E+11
3122	32981527618	1.10E+12
3123	3263184149	1.10E+12

3124	851550100	1.07E+11
3125	463042334	1.07E+11
3126	211355690	1.07E+11
3127	3715043	1.07E+11
3128	373240767	1.07E+11
3129	3849354131	1.07E+11
3130	1836898	1.07E+11
3131	1964629	1.07E+11
3132	1957600	1.07E+11
3133	147929219	1.07E+11
3134	187407352	1.07E+11
3135	8136122	1.07E+11
3136	44969787	1.07E+11
3137	8948741	1.07E+11
3138	929649816	1.07E+11
3139	3129613	1.07E+11
3140	239648284	1.07E+11
3141	5901702	1.07E+11
3142	6401866	1.10E+12
3143	465096841	1.10E+12
3144	2476478409	1.07E+11
3145	4410456	1.07E+11
3146	453281172	1.07E+11
3147	9815162	1.07E+11
3148	121663131	1.07E+11
3149	112035839	1.07E+11
3150	2207186	1.07E+11
3151	327142052	1.07E+11
3152	160993461	1.07E+11
3153	66911088	1.07E+11
3154	45786099	1.07E+11
3155	39047518	1.10E+12
3156	74034290	1.07E+11
3157	2688078	1.07E+11
3158	131271643	1.07E+11
3159	52387870	1.07E+11
3160	492805587	1.07E+11
3161	108317509	1.07E+11
3162	58900727	1.07E+11
3163	7571128	1.07E+11
3164	2538111	1.07E+11
3165	1166842911	1.10E+12
3166	2534394	1.07E+11
3167	21117937	1.07E+11

3168	5411417575	1.10E+12
3169	944050124	1.07E+11
3170	152542995	1.07E+11
3171	4567993	1.07E+11
3172	7584212	1.07E+11
3173	750593208	1.07E+11
3174	118377713	1.07E+11
3175	32566480860	1.07E+11
3176	230606957	1.07E+11
3177	285752505	1.07E+11
3178	11622650	1.07E+11
3179	167964323	1.07E+11
3180	27015785	1.07E+11
3181	26601718	1.07E+11
3182	2547672	1.07E+11
3183	118699112	1.07E+11
3184	266896182	1.07E+11
3185	7770152	1.07E+11
3186	4285224	1.07E+11
3187	1835888	1.07E+11
3188	2243028491	1.07E+11
3189	3226475	1.07E+11
3190	2563998211	1.10E+12
3191	324051585	1.07E+11
3192	224061225	1.07E+11
3193	13317121	1.07E+11
3194	48435136	1.07E+11
3195	239596675	1.07E+11
3196	2390098922	1.07E+11
3197	66770363	1.07E+11
3198	15229163	1.07E+11
3199	2260186	1.07E+11
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3201	271453525	1.07E+11
3202	2564400	1.07E+11
3203	143061283	1.07E+11
3204	26011656	1.07E+11
3205	36965460	1.07E+11
3206	86883477	1.07E+11
3207	85719076	1.07E+11
3208	1766433	1.07E+11
3209	1072951163	1.07E+11
3210	619079809	1.07E+11
3211	2537711006	1.07E+11

3212	95371082	1.07E+11
3213	417957954	1.07E+11
3214	3674626	1.07E+11
3215	184651268	1.07E+11
3216	139339690	1.07E+11
3217	2560760505	1.07E+11
3218	146729253	1.07E+11
3219	12397103	1.07E+11
3220	9792744	1.07E+11
3221	59829731	1.07E+11
3222	6325497	1.07E+11
3223	1089385842	1.07E+11
3224	159745542	1.07E+11
3225	197430745	1.07E+11
3226	5289169	1.07E+11
3227	6185739271	1.07E+11
3228	128672642	1.07E+11
3229	6374067	1.07E+11
3230	104494002	1.07E+11
3231	22349201	1.07E+11
3232	872370477	1.07E+11
3233	3219578	1.07E+11
3234	658073130	1.07E+11
3235	35343866	1.07E+11
3236	5784631	1.07E+11
3237	360744976	1.07E+11
3238	851768628	1.10E+12
3239	184214093	1.07E+11
3240	2470582009	1.07E+11
3241	1944110	1.07E+11
3242	611230	1.07E+11
3243	67439633248	1.07E+11
3244	523474395	1.07E+11
3245	3124630	1.07E+11
3246	60049452	1.07E+11
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3248	4106766058	1.07E+11
3249	2078594	1.07E+11
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3253	9900277175	1.07E+11
3254	163261177	1.07E+11
3255	41705158	1.07E+11

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3257	8863257	1.10E+12
3258	64258712	1.07E+11
3259	1353047529	1.07E+11
3260	2780758	1.07E+11
3261	1791998	1.07E+11
3262	64916302	1.10E+12
3263	1848726	1.07E+11
3264	138381859	1.07E+11
3265	434531573	1.07E+11
3266	2326139090	1.07E+11
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3268	147366239	1.10E+12
3269	1692264	1.07E+11
3270	2752771687	1.07E+11
3271	14130900	1.07E+11
3272	1762564	1.07E+11
3273	11592842	1.07E+11
3274	14771811	1.07E+11
3275	974282890	1.07E+11
3276	29109810	1.07E+11
3277	2196704218	1.07E+11
3278	5481115	1.07E+11
3279	13753838	1.07E+11
3280	1779909	1.07E+11
3281	5871231	1.07E+11
3282	4613961676	1.07E+11
3283	225417862	1.07E+11
3284	29265350	1.07E+11
3285	1914128	1.07E+11
3286	4363660	1.07E+11
3287	1101965026	1.07E+11
3288	117724195	1.07E+11
3289	1825187	1.07E+11
3290	7794241	1.07E+11
3291	71723492948	1.07E+11
3292	4078743	1.07E+11
3293	2653279486	1.07E+11
3294	233301341	1.07E+11
3295	264273950	1.07E+11
3296	5077834	1.07E+11
3297	398737685	1.07E+11
3298	9147211042	1.07E+11
3299	1865325932	1.10E+12

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3301	1032248261	1.07E+11
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3303	43154791	1.07E+11
3304	2372085	1.07E+11
3305	120182286	1.07E+11
3306	287552009	1.10E+12
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3308	21569118	1.07E+11
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3310	36817742662	1.07E+11
3311	2145655	1.07E+11
3312	48353737	1.07E+11
3313	894554027	1.07E+11
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3315	198852081	1.10E+12
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3317	129935779	1.07E+11
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3325	41124415	1.07E+11
3326	54079898	1.07E+11
3327	2366709	1.07E+11
3328	178075806	1.07E+11
3329	8725836	1.07E+11
3330	4789989	1.07E+11
3331	1306811625	1.07E+11
3332	13256161	1.07E+11
3333	8883842	1.07E+11
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3335	55945964	1.07E+11
3336	164623687	1.07E+11
3337	3315614	1.07E+11
3338	1820404	1.07E+11
3339	16185189537	1.07E+11
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3341	197350626	1.07E+11
3342	18504047	1.07E+11
3343	4765256800	1.07E+11

3344	1134275728	1.07E+11
3345	23406331	1.07E+11
3346	2013132	1.07E+11
3347	13100980	1.07E+11
3348	1687649	1.07E+11
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3351	2161946861	1.10E+12
3352	2351210	1.07E+11
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3357	5174120	1.10E+12
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3359	912037138	1.07E+11
3360	37428660769	1.07E+11
3361	114812514	1.10E+12
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3363	383229555	1.07E+11
3364	1030601895	1.07E+11
3365	825470407	1.07E+11
3366	197066838	1.07E+11
3367	580679628	1.07E+11
3368	3627863	1.10E+12
3369	100963088	1.07E+11
3370	32369931	1.10E+12
3371	359622069	1.10E+12
3372	7266400	1.07E+11
3373	3692883430	1.07E+11
3374	1753373	1.07E+11
3375	3048896	1.07E+11
3376	2116665	1.07E+11
3377	4832298260	1.07E+11
3378	1852028	1.07E+11
3379	763695634	1.07E+11
3380	281765370	1.07E+11
3381	14410970398	1.07E+11
3382	1835163	1.07E+11
3383	29045408	1.07E+11
3384	483736751	1.07E+11
3385	4898371101	1.07E+11
3386	17772891	1.07E+11
3387	1688593	1.07E+11

3388	833359479	1.10E+12
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3396	15327181	1.07E+11
3397	77580257	1.07E+11
3398	3036024459	1.07E+11
3399	12213494740	1.07E+11
3400	744690695	1.07E+11
3401	241958223	1.07E+11
3402	1469942596	1.10E+12
3403	48545342	1.07E+11
3404	753068706	1.07E+11
3405	6504781553	1.07E+11
3406	523599022	1.10E+12
3407	649250480	1.07E+11
3408	4992137893	1.07E+11
3409	4215752	1.07E+11
3410	327004431	1.07E+11
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3412	4859320281	1.07E+11
3413	264165909	1.07E+11
3414	1692935	1.07E+11
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3416	269905119	1.07E+11
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3418	43834785	1.07E+11
3419	7072876	1.07E+11
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3431	1730085	1.07E+11

3432	5786110211	1.10E+12
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3434	1777005	1.07E+11
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3456	528461731	1.07E+11
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3459	2719084310	1.07E+11
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3461	304467939	1.07E+11
3462	1879662	1.07E+11
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3470	1740437	1.07E+11
3471	190754379	1.07E+11
3472	2003141	1.07E+11
3473	913751	1.07E+11
3474	60673013	1.07E+11
3475	75047589	1.07E+11

3476	205674889	1.07E+11
3477	30130379	1.07E+11
3478	294096346	1.10E+12
3479	21444869	1.10E+12
3480	38906452273	1.07E+11
3481	1.44E+11	1.07E+11
3482	60453077	1.07E+11
3483	7755434	1.07E+11
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3485	15031779	1.07E+11
3486	230746313	1.07E+11
3487	2642866	1.07E+11
3488	1693054	1.07E+11
3489	31976586	1.10E+12
3490	2794194	1.07E+11
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3493	4618528	1.07E+11
3494	11843027	1.07E+11
3495	1993049	1.07E+11
3496	9631061344	1.07E+11
3497	14301990	1.07E+11
3498	242977587	1.07E+11
3499	12986818	1.07E+11
3500	1726736	1.07E+11
3501	38449656	1.07E+11
3502	1734721	1.07E+11
3503	3417737	1.07E+11
3504	4413262	1.07E+11
3505	3185533	1.07E+11
3506	1701978	1.07E+11
3507	4037012	1.07E+11
3508	100146118	1.07E+11
3509	5726944519	1.07E+11
3510	14070753	1.07E+11
3511	114431010	1.07E+11
3512	533893198	1.07E+11
3513	124560075	1.10E+12
3514	127023884	1.07E+11
3515	43709362	1.07E+11
3516	49609500	1.07E+11
3517	179774938	1.07E+11
3518	149502671	1.07E+11
3519	95365173	1.10E+12

3520	6067569	1.07E+11
3521	1687530558	1.07E+11
3522	10866515	1.10E+12
3523	621742752	1.07E+11
3524	110801547	1.07E+11
3525	19587016	1.10E+12
3526	3926033	1.07E+11
3527	14811055	1.07E+11
3528	101724662	1.07E+11
3529	4489398	1.07E+11
3530	162230328	1.07E+11
3531	1742234	1.07E+11
3532	130370533	1.07E+11
3533	1300847953	1.07E+11
3534	74612856	1.10E+12
3535	5084857961	1.07E+11
3536	44618191	1.07E+11
3537	1823671	1.07E+11
3538	12870859545	1.07E+11
3539	45499234	1.07E+11
3540	2125964	1.07E+11
3541	17147	1.07E+11
3542	114868695	1.10E+12
3543	266975608	1.07E+11
3544	1654924349	1.07E+11
3545	42383307	1.07E+11
3546	51508458412	1.10E+12
3547	3580039	1.07E+11
3548	55850257	1.07E+11
3549	7258962231	1.07E+11
3550	33259955	1.07E+11
3551	0	1.07E+11
3552	49659301	1.07E+11
3553	350520939	1.07E+11
3554	2213762	1.07E+11
3555	395777374	1.07E+11
3556	1759919	1.07E+11
3557	761256378	1.07E+11
3558	3261063	1.07E+11
3559	1748710	1.07E+11
3560	4047123	1.07E+11
3561	6828207	1.07E+11
3562	3497778	1.07E+11
3563	539570687	1.10E+12

3564	571623188	1.07E+11
3565	455079338	1.07E+11
3566	915252008	1.07E+11
3567	1956475	1.07E+11
3568	1735925	1.07E+11
3569	262497050	1.07E+11
3570	1859284	1.07E+11
3571	756681382	1.07E+11
3572	1795118234	1.07E+11
3573	1899007	1.07E+11
3574	2970895	1.07E+11
3575	977836343	1.07E+11
3576	17412369	1.07E+11
3577	1921560	1.07E+11
3578	204863048	1.07E+11
3579	22641006	1.07E+11
3580	3390489	1.07E+11
3581	3492881	1.07E+11
3582	24282233	1.07E+11
3583	203767944	1.07E+11
3584	6450095	1.07E+11
3585	384099599	1.07E+11
3586	91870273	1.10E+12
3587	8166172	1.07E+11
3588	521319366	1.10E+12
3589	3798580	1.07E+11
3590	4867256	1.07E+11
3591	1689629	1.07E+11
3592	187648716	1.07E+11
3593	339060547	1.07E+11
3594	2923654510	1.07E+11
3595	2241863	1.10E+12
3596	2755859	1.07E+11
3597	33806565	1.07E+11
3598	169354098	1.10E+12
3599	1085708390	1.07E+11
3600	7014024317	1.07E+11
3601	3197522	1.07E+11
3602	521443866	1.07E+11
3603	551473280	1.07E+11
3604	1741988893	1.07E+11
3605	8665563	1.07E+11
3606	2176095	1.07E+11
3607	167769917	1.07E+11

3608	191381757	1.07E+11
3609	4699437560	1.07E+11
3610	329008341	1.10E+12
3611	562076151	1.07E+11
3612	1952630	1.07E+11
3613	165393976	1.10E+12
3614	1938705726	1.07E+11
3615	443219173	1.07E+11
3616	8075883	1.07E+11
3617	5022013458	1.10E+12
3618	1228390816	1.10E+12
3619	3749865961	1.07E+11
3620	10850203	1.07E+11
3621	1732807	1.07E+11
3622	5526692	1.07E+11
3623	36660164	1.07E+11
3624	298106967	1.07E+11
3625	728810097	1.07E+11
3626	426543297	1.07E+11
3627	6893754	1.07E+11
3628	47813031	1.07E+11
3629	3690804	1.07E+11
3630	11585120	1.07E+11
3631	6458957898	1.07E+11
3632	7024121	1.07E+11
3633	1700139781	1.10E+12
3634	3005791	1.07E+11
3635	34290169	1.07E+11
3636	251469556	1.07E+11
3637	1821167	1.07E+11
3638	635159883	1.07E+11
3639	2033765	1.07E+11
3640	5647546	1.10E+12
3641	224249399	1.07E+11
3642	14217712	1.07E+11
3643	414010975	1.07E+11
3644	49179016	1.07E+11
3645	324142098	1.10E+12
3646	12800597	1.07E+11
3647	1457219256	1.10E+12
3648	40720020827	1.07E+11
3649	110930538	1.07E+11
3650	664646191	1.07E+11
3651	73037024	1.07E+11

3652	103011946	1.07E+11
3653	82973067	1.07E+11
3654	1519295312	1.10E+12
3655	5317100	1.07E+11
3656	0	1.07E+11
3657	422233158	1.10E+12
3658	30013602	1.07E+11
3659	77578359	1.07E+11
3660	468460177	1.07E+11
3661	1400139492	1.07E+11
3662	93007840	1.07E+11
3663	2164729189	1.10E+12
3664	302677309	1.07E+11
3665	2211114	1.07E+11
3666	111106411	1.07E+11
3667	237708832	1.07E+11
3668	47382986	1.07E+11
3669	3260715	1.07E+11
3670	222795721	1.10E+12
3671	1839454	1.07E+11
3672	271908154	1.07E+11
3673	60000359	1.07E+11
3674	4681355224	1.07E+11
3675	126980261	1.07E+11
3676	168132934	1.07E+11
3677	1705177	1.07E+11
3678	368445651	1.07E+11
3679	345727178	1.10E+12
3680	271601303	1.07E+11
3681	4138420944	1.07E+11
3682	3196391084	1.07E+11
3683	5506517162	1.07E+11
3684	2243497	1.10E+12
3685	823253322	1.07E+11
3686	11770146	1.10E+12
3687	839544719	1.07E+11
3688	3764361	1.07E+11
3689	192599390	1.10E+12
3690	2530911	1.07E+11
3691	19203267	1.07E+11
3692	19499983481	1.07E+11
3693	4698208517	1.07E+11
3694	324007868	1.07E+11
3695	238321607	1.07E+11

3696	13424112948	1.07E+11
3697	998238638	1.07E+11
3698	309347338	1.07E+11
3699	4072102	1.07E+11
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3701	73852031	1.07E+11
3702	27621752	1.07E+11
3703	6839845842	1.07E+11
3704	3769714	1.07E+11
3705	12504981614	1.10E+12
3706	307360205	1.07E+11
3707	61440609	1.07E+11
3708	21219486	1.07E+11
3709	684081958	1.07E+11
3710	396518634	1.07E+11
3711	112546279	1.10E+12
3712	753965	1.07E+11
3713	2411348896	1.07E+11
3714	1494835108	1.07E+11
3715	36868794	1.07E+11
3716	42954288	1.07E+11
3717	1794118	1.07E+11
3718	2353796	1.07E+11
3719	111629176	1.07E+11
3720	92033514	1.07E+11
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3723	5186942	1.10E+12
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3726	2334497	1.07E+11
3727	1737348	1.07E+11
3728	19229392968	1.07E+11
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3731	3730159	1.07E+11
3732	7324593100	1.07E+11
3733	102050108	1.07E+11
3734	4790154	1.07E+11
3735	65339224	1.07E+11
3736	614297586	1.07E+11
3737	325868992	1.10E+12
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3739	83740023	1.07E+11

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3742	8161596	1.10E+12
3743	3860025	1.07E+11
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3746	33316900	1.07E+11
3747	2311100425	1.07E+11
3748	371894130	1.10E+12
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3751	207573049	1.07E+11
3752	208759385	1.07E+11
3753	176437714	1.07E+11
3754	1037816578	1.07E+11
3755	59054976	1.07E+11
3756	1919749	1.07E+11
3757	4531415	1.07E+11
3758	2352306648	1.07E+11
3759	3423672	1.07E+11
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3761	263235052	1.07E+11
3762	2147826942	1.10E+12
3763	538585329	1.07E+11
3764	1882454701	1.10E+12
3765	750651532	1.07E+11
3766	511233529	1.07E+11
3767	396653779	1.07E+11
3768	37897367	1.10E+12
3769	17053754	1.07E+11
3770	71729890	1.07E+11
3771	11795071	1.07E+11
3772	28890095	1.07E+11
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3774	64744651	1.10E+12
3775	1964689201	1.07E+11
3776	34512113	1.10E+12
3777	750946821	1.07E+11
3778	7340353	1.07E+11
3779	238649848	1.07E+11
3780	114036537	1.07E+11
3781	389587917	1.07E+11
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3783	110404512	1.10E+12

3784	1970986 1.07E+11
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3807	6611925 1.07E+11
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3859	6177303 1.07E+11
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3863	89455069 1.07E+11
3864	760052180 1.07E+11
3865	830354115 1.07E+11
3866	612420037 1.07E+11
3867	1803601 1.07E+11
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3869	148816378 1.07E+11
3870	35353266 1.07E+11
3871	4325569258 1.07E+11

3872	4716174559	1.07E+11
3873	1337766615	1.07E+11
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3875	12821043	1.07E+11
3876	35489124	1.07E+11
3877	4198021	1.07E+11
3878	102412336	1.07E+11
3879	34539243	1.07E+11
3880	384775197	1.07E+11
3881	107423287	1.07E+11
3882	149128939	1.07E+11
3883	260616160	1.07E+11
3884	7249395	1.07E+11
3885	125608454	1.07E+11
3886	146530201	1.07E+11
3887	594209709	1.07E+11
3888	379315860	1.07E+11
3889	3904593	1.07E+11
3890	1395850804	1.10E+12
3891	77836967	1.07E+11
3892	2316465	1.07E+11
3893	142237341	1.07E+11
3894	4528456	1.07E+11
3895	3757405190	1.07E+11
3896	2692863	1.07E+11
3897	2392941100	1.07E+11
3898	337980394	1.07E+11
3899	739222919	1.07E+11
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3903	210847161	1.10E+12
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3908	147034530	1.07E+11
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3910	142203022	1.07E+11
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3912	124510899	1.07E+11
3913	6244088708	1.10E+12
3914	13832958	1.07E+11
3915	1776399	1.07E+11

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3917	96447712	1.07E+11
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3919	11180650	1.07E+11
3920	1742395	1.07E+11
3921	322066	1.07E+11
3922	1703104	1.07E+11
3923	1025263485	1.07E+11
3924	1406032799	1.10E+12
3925	68818125	1.10E+12
3926	32745983	1.07E+11
3927	47874237	1.07E+11
3928	1884961	1.07E+11
3929	39284447	1.07E+11
3930	7900161942	1.07E+11
3931	1858773732	1.07E+11
3932	3108012	1.10E+12
3933	821105774	1.07E+11
3934	6066594	1.07E+11
3935	38134295	1.07E+11
3936	14169407196	1.07E+11
3937	363835389	1.07E+11
3938	361932362	1.07E+11
3939	100545283	1.07E+11
3940	6635603	1.07E+11
3941	2564582	1.07E+11
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3947	3586975	1.07E+11
3948	1935004	1.07E+11
3949	3584933	1.07E+11
3950	602930917	1.07E+11
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3958	1687153	1.07E+11
3959	2918347380	1.07E+11

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3961	55487024	1.07E+11
3962	100040342	1.07E+11
3963	1694061	1.07E+11
3964	720166289	1.07E+11
3965	1684218	1.07E+11
3966	78889742	1.07E+11
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3981	1039645236	1.07E+11
3982	1914839	1.07E+11
3983	26232969	1.07E+11
3984	651517375	1.07E+11
3985	41323842	1.07E+11
3986	100620926	1.07E+11
3987	34372144	1.07E+11
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3989	887087909	1.07E+11
3990	713885277	1.10E+12
3991	1785067	1.07E+11
3992	10929242033	1.07E+11
3993	3846027	1.07E+11
3994	891841254	1.07E+11
3995	7787167	1.07E+11
3996	7001623677	1.07E+11
3997	108808364	1.07E+11
3998	51960318	1.07E+11
3999	559934781	1.07E+11
4000	10303554	1.07E+11
4001	58189868	1.07E+11
4002	1762015	1.07E+11
4003	0	1.07E+11

4004	305335038	1.07E+11
4005	1736275	1.07E+11
4006	2206127	1.07E+11
4007	770555477	1.07E+11
4008	709824237	1.07E+11
4009	38457761	1.07E+11
4010	11659214	1.07E+11
4011	278216160	1.10E+12
4012	28541181	1.07E+11
4013	410703356	1.07E+11
4014	4708916590	1.07E+11
4015	651502328	1.07E+11
4016	326561156	1.10E+12
4017	0	1.07E+11
4018	36903414	1.10E+12
4019	25900444	1.07E+11
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4031	49177712	1.07E+11
4032	4494785	1.07E+11
4033	81072655	1.10E+12
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4035	1739555	1.07E+11
4036	16537288	1.07E+11
4037	235785556	1.07E+11
4038	840683	1.07E+11
4039	108884259	1.07E+11
4040	17536723	1.07E+11
4041	108932327	1.07E+11
4042	2005078	1.07E+11
4043	118899983	1.07E+11
4044	1770080	1.07E+11
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4047	2238870424	1.07E+11

4048	2385107976	1.07E+11
4049	78720422	1.07E+11
4050	6636867953	1.10E+12
4051	378630509	1.07E+11
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4053	740767870	1.07E+11
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4060	52291980	1.07E+11
4061	128807287	1.07E+11
4062	2275993057	1.10E+12
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4064	2177247	1.07E+11
4065	175228293	1.07E+11
4066	112199158	1.07E+11
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4069	380789637	1.07E+11
4070	1740213	1.07E+11
4071	32927879	1.07E+11
4072	513815123	1.07E+11
4073	166348972	1.07E+11
4074	3118433	1.07E+11
4075	1758843	1.07E+11
4076	43128560	1.07E+11
4077	24809783	1.07E+11
4078	1784089	1.07E+11
4079	441079067	1.07E+11
4080	1748454	1.07E+11
4081	72702673	1.07E+11
4082	1773704753	1.10E+12
4083	2562900362	1.07E+11
4084	86484316	1.07E+11
4085	126637554	1.07E+11
4086	865942129	1.07E+11
4087	1689382	1.07E+11
4088	811835683	1.07E+11
4089	1759370	1.07E+11
4090	3488351	1.07E+11
4091	23730923	1.07E+11

4092	675866823	1.07E+11
4093	16701608	1.10E+12
4094	12737119524	1.10E+12
4095	2137978	1.07E+11
4096	207373801	1.07E+11
4097	2653812113	1.07E+11
4098	1693150	1.07E+11
4099	244823132	1.07E+11
4100	54538384	1.07E+11
4101	38190088	1.07E+11
4102	5445459	1.10E+12
4103	8842989	1.07E+11
4104	53016683	1.07E+11
4105	2043260145	1.07E+11
4106	12872992	1.07E+11
4107	4829478994	1.10E+12
4108	1751249285	1.07E+11
4109	4150751	1.07E+11
4110	149404958	1.07E+11
4111	245884653	1.07E+11
4112	8246113343	1.07E+11
4113	5995478398	1.07E+11
4114	1980321	1.07E+11
4115	931749045	1.07E+11
4116	582294263	1.07E+11
4117	132761842	1.10E+12
4118	1705163	1.07E+11
4119	2077951	1.07E+11
4120	72143862	1.07E+11
4121	402484205	1.07E+11
4122	6028261	1.07E+11
4123	1833037	1.07E+11
4124	1747714	1.07E+11
4125	1389252970	1.10E+12
4126	70246058	1.07E+11
4127	4987131978	1.07E+11
4128	4535072	1.07E+11
4129	1781715	1.07E+11
4130	540853141	1.07E+11
4131	57445236	1.07E+11
4132	4749987	1.07E+11
4133	1757550	1.07E+11
4134	66118971	1.07E+11
4135	442042185	1.10E+12

4136	67455102	1.07E+11
4137	1965363	1.07E+11
4138	1765377	1.07E+11
4139	126931966	1.07E+11
4140	2955672	1.07E+11
4141	3052200	1.07E+11
4142	128896880	1.07E+11
4143	2512936	1.07E+11
4144	27765442597	1.07E+11
4145	4281288	1.10E+12
4146	44939234	1.07E+11
4147	35659445	1.10E+12
4148	183992554	1.07E+11
4149	145662797	1.07E+11
4150	43247859	1.07E+11
4151	198309902	1.07E+11
4152	200188795	1.07E+11
4153	311035944	1.07E+11
4154	85127322	1.07E+11
4155	17919856547	1.07E+11
4156	4113656	1.07E+11
4157	30073819	1.07E+11
4158	5164504	1.07E+11
4159	63395411	1.10E+12
4160	4183337	1.07E+11
4161	38857942	1.07E+11
4162	20795986	1.07E+11
4163	193127395	1.07E+11
4164	39627225	1.07E+11
4165	669171572	1.07E+11
4166	1655523497	1.07E+11
4167	4521683	1.07E+11
4168	1886234987	1.07E+11
4169	292953642	1.07E+11
4170	2246711237	1.07E+11
4171	856891908	1.07E+11
4172	2291450	1.07E+11
4173	1687778	1.07E+11
4174	138110758	1.10E+12
4175	2999197	1.07E+11
4176	1788255	1.07E+11
4177	15227236	1.07E+11
4178	67444927	1.07E+11
4179	480739282	1.07E+11

4180	2498254375	1.07E+11
4181	8016215	1.07E+11
4182	243291503	1.10E+12
4183	32770996	1.10E+12
4184	159851175	1.07E+11
4185	1848755905	1.07E+11
4186	64090538003	1.07E+11
4187	9805677683	1.10E+12
4188	15590345	1.07E+11
4189	194668481	1.07E+11
4190	4155744	1.07E+11
4191	116107279	1.07E+11
4192	2268029	1.07E+11
4193	3139016	1.07E+11
4194	386135938	1.07E+11
4195	4500330843	1.07E+11
4196	16054294484	1.07E+11
4197	56198236	1.07E+11
4198	200799187	1.07E+11
4199	4150263	1.07E+11
4200	228670542	1.07E+11
4201	64007869	1.07E+11
4202	16303881	1.10E+12
4203	1256301339	1.07E+11
4204	26088654	1.07E+11
4205	35181756	1.07E+11
4206	2342057	1.07E+11
4207	58485846	1.10E+12
4208	128313292	1.07E+11
4209	66830659	1.07E+11
4210	764028	1.10E+12
4211	154148090	1.07E+11
4212	119934654	1.10E+12
4213	30726342092	1.07E+11
4214	105367306	1.07E+11
4215	9211167	1.07E+11
4216	461970505	1.07E+11
4217	490319595	1.07E+11
4218	70835801	1.07E+11
4219	2669123856	1.07E+11
4220	1787202	1.07E+11
4221	59316138	1.07E+11
4222	40222017	1.07E+11
4223	343515062	1.07E+11

4224	87473216 1.07E+11
4225	280950517 1.07E+11
4226	2458942 1.07E+11
4227	124438283 1.07E+11
4228	1821303 1.07E+11
4229	96483732 1.07E+11
4230	370142354 1.07E+11
4231	69856432 1.07E+11
4232	298728304 1.07E+11
4233	3781650 1.07E+11
4234	69524375 1.07E+11
4235	7250793 1.07E+11
4236	3198411 1.07E+11
4237	115153183 1.07E+11
4238	339476666 1.07E+11
4239	187844604 1.07E+11
4240	74399957 1.07E+11
4241	494525745 1.10E+12
4242	410601135 1.07E+11
4243	77037660 1.07E+11
4244	6959189 1.07E+11
4245	46281106 1.07E+11
4246	1400924750 1.07E+11
4247	10223799 1.07E+11
4248	177455127 1.07E+11
4249	37864805 1.07E+11
4250	696650370 1.07E+11
4251	302005531 1.10E+12
4252	5836029 1.07E+11
4253	1689748 1.07E+11
4254	23843389 1.07E+11
4255	394749825 1.07E+11
4256	2482967 1.07E+11
4257	798073513 1.07E+11
4258	3416313 1.07E+11
4259	2079662 1.07E+11
4260	48417523 1.07E+11
4261	37661036 1.07E+11
4262	3275872 1.07E+11
4263	242994698 1.07E+11
4264	576011502 1.07E+11
4265	2468324399 1.07E+11
4266	6118772 1.07E+11
4267	12885924 1.07E+11

4268	286977713	1.07E+11
4269	3971762479	1.07E+11
4270	3868021	1.07E+11
4271	19458326	1.07E+11
4272	188973969	1.07E+11
4273	641671361	1.07E+11
4274	904302844	1.07E+11
4275	2170590	1.07E+11
4276	180366189	1.10E+12
4277	73021042	1.07E+11
4278	10063860	1.07E+11
4279	2052336	1.07E+11
4280	1341775238	1.07E+11
4281	2122815	1.07E+11
4282	158916183	1.10E+12
4283	28901902	1.07E+11
4284	5179695	1.07E+11
4285	21029392	1.07E+11
4286	1702957	1.07E+11
4287	7044820	1.10E+12
4288	2009557	1.07E+11
4289	65917235	1.07E+11
4290	592204855	1.07E+11
4291	34474491	1.07E+11
4292	166359881	1.07E+11
4293	225578393	1.07E+11
4294	12329897	1.07E+11
4295	93429299	1.07E+11
4296	276161483	1.07E+11
4297	192162293	1.07E+11
4298	405810381	1.07E+11
4299	26770852	1.07E+11
4300	2749360368	1.07E+11
4301	4607098	1.07E+11
4302	52613664	1.07E+11
4303	182976182	1.07E+11
4304	3449142791	1.07E+11
4305	261194438	1.07E+11
4306	1860479	1.07E+11
4307	1455421412	1.07E+11
4308	323829439	1.07E+11
4309	825761242	1.10E+12
4310	3019592	1.07E+11
4311	617587671	1.10E+12

4312	800479464	1.07E+11
4313	2428148	1.07E+11
4314	21553223	1.07E+11
4315	697751024	1.07E+11
4316	6167788	1.07E+11
4317	22961715	1.07E+11
4318	13623469	1.07E+11
4319	982456947	1.10E+12
4320	59537814	1.07E+11
4321	246789089	1.07E+11
4322	116683471	1.10E+12
4323	172444803	1.07E+11
4324	19938626	1.07E+11
4325	201256977	1.10E+12
4326	2009028	1.07E+11
4327	1688408014	1.07E+11
4328	1783956	1.07E+11
4329	41978268	1.07E+11
4330	318420029	1.07E+11
4331	753390188	1.07E+11
4332	1452470771	1.07E+11
4333	11597059	1.07E+11
4334	1702693	1.07E+11
4335	1248429991	1.07E+11
4336	216636611	1.07E+11
4337	99068933	1.07E+11
4338	128153612	1.07E+11
4339	195422037	1.07E+11
4340	3624257	1.07E+11
4341	107130944	1.10E+12
4342	1406987592	1.07E+11
4343	1830388	1.07E+11
4344	81267390	1.07E+11
4345	1328570608	1.07E+11
4346	9564306215	1.07E+11
4347	268905138	1.07E+11
4348	4097543	1.07E+11
4349	2557109	1.07E+11
4350	5641307516	1.07E+11
4351	6581651333	1.10E+12
4352	1810298	1.07E+11
4353	6218309105	1.07E+11
4354	1803218866	1.07E+11
4355	2647762567	1.07E+11

4356	11869239	1.07E+11
4357	318735741	1.07E+11
4358	1741405	1.10E+12
4359	11652644	1.10E+12
4360	58976380	1.07E+11
4361	1825981	1.07E+11
4362	61764305	1.07E+11
4363	2372746	1.07E+11
4364	1757166	1.07E+11
4365	3480977	1.07E+11
4366	1032063413	1.07E+11
4367	19022956	1.10E+12
4368	563045082	1.07E+11
4369	189696674	1.07E+11
4370	2413755	1.07E+11
4371	64366332	1.07E+11
4372	2008649	1.07E+11
4373	2474707	1.07E+11
4374	182479906	1.07E+11
4375	595710437	1.07E+11
4376	1480188567	1.07E+11
4377	3070957	1.07E+11
4378	7947304	1.10E+12
4379	124506571	1.07E+11
4380	1720442	1.07E+11
4381	146598272	1.10E+12
4382	27425787	1.07E+11
4383	79027404	1.07E+11
4384	1752350	1.07E+11
4385	18452818424	1.07E+11
4386	269058737	1.07E+11
4387	1213595459	1.07E+11
4388	2.04E+11	1.07E+11
4389	3544421	1.07E+11
4390	7060344	1.10E+12
4391	17760934	1.07E+11
4392	437175084	1.10E+12
4393	2784683	1.07E+11
4394	125441556	1.10E+12
4395	2592631898	1.07E+11
4396	6407684	1.07E+11
4397	822828072	1.07E+11
4398	143493335	1.07E+11
4399	1550846954	1.10E+12

4400	278356287	1.07E+11
4401	300558187	1.07E+11
4402	959016866	1.07E+11
4403	619277936	1.07E+11
4404	687897807	1.07E+11
4405	1715418	1.07E+11
4406	405820134	1.07E+11
4407	150948146	1.07E+11
4408	487007355	1.10E+12
4409	1500824119	1.10E+12
4410	44025462	1.07E+11
4411	562225602	1.10E+12
4412	279814909	1.07E+11
4413	2025348	1.07E+11
4414	206163113	1.07E+11
4415	2073435	1.07E+11
4416	137287145	1.07E+11
4417	957502740	1.07E+11
4418	497870673	1.07E+11
4419	79748874	1.07E+11
4420	1973837	1.07E+11
4421	161096725	1.10E+12
4422	1786568	1.07E+11
4423	3109218	1.07E+11
4424	3099579655	1.07E+11
4425	174612037	1.07E+11
4426	2326421724	1.07E+11
4427	1441224094	1.07E+11
4428	168189854	1.10E+12
4429	1727578	1.07E+11
4430	2151783	1.07E+11
4431	19949260	1.07E+11
4432	1878325	1.07E+11
4433	13931543	1.07E+11
4434	3325292374	1.07E+11
4435	1254884558	1.07E+11
4436	85537375	1.07E+11
4437	14161930	1.07E+11
4438	15888659	1.07E+11
4439	11906194	1.07E+11
4440	1869449	1.07E+11
4441	279071886	1.07E+11
4442	27928143	1.07E+11
4443	4856373	1.07E+11

4444	47065092	1.07E+11
4445	1794321	1.07E+11
4446	27073295	1.07E+11
4447	6390336524	1.10E+12
4448	1367197645	1.07E+11
4449	5213607869	1.07E+11
4450	5063521	1.07E+11
4451	8982309	1.07E+11
4452	645214668	1.07E+11
4453	352867397	1.07E+11
4454	2766765	1.07E+11
4455	1784979989	1.07E+11
4456	1251937356	1.07E+11
4457	5376783650	1.10E+12
4458	341769766	1.07E+11
4459	27929	1.07E+11
4460	59566659	1.10E+12
4461	747490335	1.10E+12
4462	57647995	1.07E+11
4463	165141462	1.07E+11
4464	2447297	1.07E+11
4465	8169139	1.07E+11
4466	13886277	1.07E+11
4467	2340024	1.07E+11
4468	479452264	1.07E+11
4469	2243523	1.07E+11
4470	65115996	1.07E+11
4471	1770205	1.07E+11
4472	5895991	1.07E+11
4473	710340223	1.07E+11
4474	1.69E+11	1.07E+11
4475	11514297118	1.07E+11
4476	672885472	1.07E+11
4477	3573324	1.07E+11
4478	21427747	1.07E+11
4479	105568055	1.10E+12
4480	10089824744	1.07E+11
4481	12858091	1.07E+11
4482	143880741	1.07E+11
4483	97250041	1.07E+11
4484	700298449	1.07E+11
4485	61958160794	1.07E+11
4486	1767109	1.07E+11
4487	271274879	1.07E+11

4488	1051682967	1.10E+12
4489	51977192	1.07E+11
4490	39035937	1.07E+11
4491	692848605	1.10E+12
4492	39707496	1.07E+11
4493	10761880	1.07E+11
4494	1038765662	1.10E+12
4495	233595743	1.10E+12
4496	11990277	1.07E+11
4497	529507271	1.07E+11
4498	750995763	1.07E+11
4499	1154939159	1.07E+11
4500	1899808	1.07E+11
4501	24065261	1.07E+11
4502	309907951	1.10E+12
4503	22623752	1.07E+11
4504	36596141	1.07E+11
4505	4404209	1.07E+11
4506	15607916410	1.07E+11
4507	169455864	1.07E+11
4508	356314365	1.10E+12
4509	157831158	1.07E+11
4510	211768659	1.07E+11
4511	1140162494	1.07E+11
4512	1823014854	1.07E+11
4513	19760604	1.07E+11
4514	110677503	1.07E+11
4515	9252881535	1.10E+12
4516	394554918	1.10E+12
4517	9115858747	1.07E+11
4518	1810230	1.07E+11
4519	46827791	1.07E+11
4520	536301651	1.07E+11
4521	162238683	1.10E+12
4522	21072227	1.10E+12
4523	96506502	1.10E+12
4524	2321219	1.07E+11
4525	5848392383	1.10E+12
4526	1901892770	1.07E+11
4527	652739783	1.07E+11
4528	1896099	1.07E+11
4529	720297876	1.07E+11
4530	1509764489	1.07E+11
4531	4712675	1.07E+11

4532	2750029	1.07E+11
4533	839556360	1.10E+12
4534	1062124839	1.07E+11
4535	77688546	1.07E+11
4536	423962721	1.07E+11
4537	1336387604	1.10E+12
4538	7595225566	1.07E+11
4539	36305821	1.07E+11
4540	30891166	1.07E+11
4541	64533210	1.07E+11
4542	58765256	1.07E+11
4543	14190200	1.07E+11
4544	62400199	1.07E+11
4545	1324903785	1.07E+11
4546	10560219	1.07E+11
4547	2024072	1.07E+11
4548	152784368	1.07E+11
4549	172535866	1.07E+11
4550	204982975	1.07E+11
4551	4878921	1.07E+11
4552	16714511	1.07E+11
4553	56797949	1.07E+11
4554	3744470	1.07E+11
4555	439825870	1.07E+11
4556	154704986	1.07E+11
4557	1580815876	1.07E+11
4558	2323059	1.07E+11
4559	6780852	1.07E+11
4560	14995878222	1.07E+11
4561	3645655	1.07E+11
4562	1018935683	1.07E+11
4563	9117604	1.07E+11
4564	49082609	1.07E+11
4565	65123021	1.10E+12
4566	1702783	1.07E+11
4567	230501944	1.07E+11
4568	317627256	1.07E+11
4569	7734187	1.07E+11
4570	98367133	1.07E+11
4571	8306604	1.07E+11
4572	209978335	1.07E+11
4573	1584807937	1.10E+12
4574	700979024	1.10E+12
4575	160849256	1.07E+11

4576	1154805796	1.07E+11
4577	1772264	1.07E+11
4578	5021149	1.10E+12
4579	1876302	1.07E+11
4580	6241271	1.07E+11
4581	665916	1.07E+11
4582	6495659	1.07E+11
4583	116223971	1.07E+11
4584	127160069	1.07E+11
4585	1082305723	1.07E+11
4586	1687619	1.07E+11
4587	31441023694	1.07E+11
4588	100298932	1.07E+11
4589	4830736	1.07E+11
4590	2724389	1.07E+11
4591	2522270	1.07E+11
4592	1298266142	1.07E+11
4593	63700679	1.07E+11
4594	1746025	1.07E+11
4595	38443610	1.10E+12
4596	15723980	1.07E+11
4597	1842082	1.07E+11
4598	32666535	1.07E+11
4599	1779213	1.07E+11
4600	56314000	1.07E+11
4601	7680885	1.07E+11
4602	12698728567	1.07E+11
4603	6030985	1.07E+11
4604	1853064	1.07E+11
4605	178666023	1.07E+11
4606	171428772	1.07E+11
4607	14875768	1.07E+11
4608	960056203	1.10E+12
4609	26052625	1.07E+11
4610	346800028	1.07E+11
4611	259228196	1.10E+12
4612	2895265	1.07E+11
4613	59208141	1.10E+12
4614	49260267	1.07E+11
4615	24970078	1.07E+11
4616	832262960	1.07E+11
4617	4923211	1.07E+11
4618	8122851853	1.07E+11
4619	733226625	1.07E+11

4620	3774426	1.07E+11
4621	7295807576	1.07E+11
4622	1755440	1.07E+11
4623	186547567	1.07E+11
4624	333402485	1.07E+11
4625	1798114	1.07E+11
4626	78206922	1.07E+11
4627	1169247736	1.07E+11
4628	2548020	1.07E+11
4629	2607493	1.07E+11
4630	382545772	1.07E+11
4631	95825680	1.07E+11
4632	104793621	1.07E+11
4633	958446833	1.10E+12
4634	325239783	1.07E+11
4635	118025727	1.10E+12
4636	1446533607	1.07E+11
4637	5674065	1.07E+11
4638	33256196	1.07E+11
4639	1848671	1.07E+11
4640	2121348	1.07E+11
4641	80439396	1.10E+12
4642	784970426	1.10E+12
4643	446714590	1.07E+11
4644	17662711	1.07E+11
4645	6166118	1.07E+11
4646	44575646	1.07E+11
4647	3388249	1.07E+11
4648	2184296	1.07E+11
4649	28275073055	1.07E+11
4650	2345846	1.07E+11
4651	66737000	1.07E+11
4652	1718567	1.07E+11
4653	16274509	1.07E+11
4654	8259790	1.07E+11
4655	1516963180	1.07E+11
4656	2343990	1.07E+11
4657	491364060	1.10E+12
4658	6421198	1.07E+11
4659	1912335	1.07E+11
4660	27191590	1.07E+11
4661	1687810	1.07E+11
4662	3475953	1.07E+11
4663	1791771468	1.07E+11

4664	158147051	1.07E+11
4665	606084729	1.07E+11
4666	509669823	1.07E+11
4667	81162514	1.10E+12
4668	22487476	1.07E+11
4669	80316585950	1.07E+11
4670	362553732	1.07E+11
4671	10545891	1.07E+11
4672	710791980	1.07E+11
4673	75390843	1.07E+11
4674	8430823	1.07E+11
4675	327426208	1.07E+11
4676	1723288	1.07E+11
4677	1817485	1.07E+11
4678	4478468	1.10E+12
4679	550080396	1.07E+11