

TABVLA
LOGARITHMICA

CONTINENS
VNDECIM NVMERORVM CHILIADES,
CVM SVIS LOGARITHMIS

Ab vnitate, scilicèt, ad 11100.

DISPOSITIS
NOVA METHODO,

ET PROPORTIONI ASTRONOMICÆ
APPLICATIS IN GRATIAM
ASTRONOMORVM,



MATRITI.

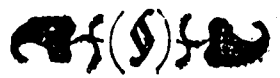
Apud Bernardum à Villa-Diego.
Anno M.DC.LXXII.

1	1.0000000	0.0000000	1.0000000
2	0.3010300	0.3010300	0.6989700
3	0.4771213	0.4771213	0.5228787
4	0.6020600	0.6020600	0.3979399
5	0.6989700	0.6989700	0.3010300
6	0.7781513	0.7781513	0.2218487
7	0.8450980	0.8450980	0.1549013
8	0.9030900	0.9030900	0.0969100
9	0.9542425	0.9542425	0.0457575
10	1.0000000	0.0000000	0.0000000
11	1.0413927	0.0413927	0.9586073
12	1.0791812	0.0791812	0.9208188
13	1.1141432	0.1141432	0.8858568
14	1.1473929	0.1473929	0.8526071
15	1.1790313	0.1790313	0.8209687
16	1.2090610	0.2090610	0.7909390
17	1.2373927	0.2373927	0.7625073
18	1.2640313	0.2640313	0.7357687
19	1.2889700	0.2889700	0.7107300
20	1.3122187	0.3122187	0.6872813
21	1.3338571	0.3338571	0.6651429
22	1.3530900	0.3530900	0.6441099
23	1.3700313	0.3700313	0.6240787
24	1.3848700	0.3848700	0.6049299
25	1.3977127	0.3977127	0.5865713
26	1.4088571	0.4088571	0.5689287
27	1.4183927	0.4183927	0.5519913
28	1.4263927	0.4263927	0.5356687
29	1.4329213	0.4329213	0.5198613
30	1.4380700	0.4380700	0.5045700
31	1.4419213	0.4419213	0.4897987
32	1.4455700	0.4455700	0.4754473
33	1.4489987	0.4489987	0.4615157
34	1.4521927	0.4521927	0.4479941
35	1.4551427	0.4551427	0.4348725
36	1.4578427	0.4578427	0.4221409
37	1.4602927	0.4602927	0.4097893
38	1.4624927	0.4624927	0.3978077
39	1.4644427	0.4644427	0.3861861
40	1.4661427	0.4661427	0.3749145
41	1.4675927	0.4675927	0.3640829
42	1.4687927	0.4687927	0.3536813
43	1.4697427	0.4697427	0.3436997
44	1.4704427	0.4704427	0.3341281
45	1.4708927	0.4708927	0.3249665
46	1.4710927	0.4710927	0.3162049
47	1.4711427	0.4711427	0.3078433
48	1.4710427	0.4710427	0.2998717
49	1.4707927	0.4707927	0.2922801
50	1.4703927	0.4703927	0.2850685
51	1.4697427	0.4697427	0.2782369
52	1.4688427	0.4688427	0.2717753
53	1.4676927	0.4676927	0.2656737
54	1.4662927	0.4662927	0.2599221
55	1.4646427	0.4646427	0.2545105
56	1.4627427	0.4627427	0.2494289
57	1.4605927	0.4605927	0.2446673
58	1.4581927	0.4581927	0.2402257
59	1.4555427	0.4555427	0.2361041
60	1.4526427	0.4526427	0.2323025
61	1.4494927	0.4494927	0.2288109
62	1.4460927	0.4460927	0.2256193
63	1.4424427	0.4424427	0.2227277
64	1.4385427	0.4385427	0.2201361
65	1.4343927	0.4343927	0.2178345
66	1.4300927	0.4300927	0.2158129
67	1.4256427	0.4256427	0.2140713
68	1.4210427	0.4210427	0.2125997
69	1.4162927	0.4162927	0.2113781
70	1.4113927	0.4113927	0.2103965
71	1.4062427	0.4062427	0.2096449
72	1.4008427	0.4008427	0.2091233
73	1.3951927	0.3951927	0.2088217
74	1.3892927	0.3892927	0.2087301
75	1.3831427	0.3831427	0.2088385
76	1.3767427	0.3767427	0.2090469
77	1.3700927	0.3700927	0.2093553
78	1.3631927	0.3631927	0.2097637
79	1.3560427	0.3560427	0.2102721
80	1.3486427	0.3486427	0.2108805
81	1.3409927	0.3409927	0.2115889
82	1.3329927	0.3329927	0.2123973
83	1.3246427	0.3246427	0.2133057
84	1.3159427	0.3159427	0.2143141
85	1.3068927	0.3068927	0.2154225
86	1.2974927	0.2974927	0.2166309
87	1.2877427	0.2877427	0.2179393
88	1.2776427	0.2776427	0.2193477
89	1.2671927	0.2671927	0.2208561
90	1.2563927	0.2563927	0.2224645
91	1.2451427	0.2451427	0.2241729
92	1.2334927	0.2334927	0.2259813
93	1.2213927	0.2213927	0.2278897
94	1.2088427	0.2088427	0.2298981
95	1.1958427	0.1958427	0.2319065
96	1.1823927	0.1823927	0.2340149
97	1.1684927	0.1684927	0.2362233
98	1.1541427	0.1541427	0.2385317
99	1.1393427	0.1393427	0.2409401
100	1.1240927	0.1240927	0.2434485

TABVLA LOGARITHMICA

CONTINENS
VNDECIM NVMERORVM CHILIADES,
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Ab vnitate, scilicèt, ad 11100.

DISPOSITIS
NOVA METHODO,
ET PROPORTIONI ASTRONOMICÆ
APPLICATIS IN GRATIAM
ASTRONOMORVM,



MATRITI.

Apud Bernardum à Villa-Diego.
Anno M.DC.LXXII.

LECTORI MONITVM.

TAbula sequens continet Logarithmos numerorum ab unitate vsque ad 11100. numeri tamen nunquam positi sunt nisi supra centenarios, & ad numeri dexteram ipsius inuenietur Logarithmus *exemp. gr.* si quærat^r Logarithmus numeri 225. quærat^r prius numerus 200. & postea infra ipsum descendendo numerus 25. cui respondet Logarithmus 2.3521825. similiter desideratur Logarithmus numeri 7834. quærat^r prius numerus 7800. & infra ipsum descédendo numerus 34. cui respōdet Logarithmus 3.8939836.

In superiori tabulæ parte positi sunt gradus, & eorum minuta quibus etiam *secunda* sunt addita in primis columnis omnium paginarum, quæ pro singulis minutis omnium paginarum in seruiunt. *Exemp. gr.* Datus sit arcus *gr.* 0. 4. *min.* 47. *secunda*.

Inueniantur prius in parte superiori tabulæ *gr.* 0. 4. *min.* scilicet, in columna quinta Logarithmorum prioris paginæ. Deinde in priori numerorum columna eiusdem paginæ inueniantur 47. *secunda* quibus in columna quinta rectè procedendo respondet Logarithmus 2.4578819. similiter in alijs erit operatio instituenda. Videantur quæ de proportionem Astronomica diximus lib. I. *Trigonom.* à numero 227.

secūda.	Gr. Mi. O. 0.	Gr. Mi. O. 1.	Gr. Mi. O. 2.	Gr. Mi. O. 3.	Gr. Mi. O. 4.				
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.				
0	0.0000000	60	1.7781512	120	2.0791812	180	2.2552725	240	2.3802112
1	0.0000000	61	1.7853298	21	2.0827854	81	2.2576786	41	2.3820170
2	0.3010300	62	1.7923917	22	2.0863598	82	2.2600714	42	2.3838154
3	0.4771212	63	1.7993405	23	2.0899051	83	2.2624511	43	2.3856063
4	0.6020600	64	1.8061800	24	2.0934217	84	2.2648178	44	2.3873898
5	0.6987700	65	1.8129133	25	2.0969100	85	2.2671717	45	2.3891661
6	0.7781512	66	1.8195439	26	2.1003705	86	2.2695129	46	2.3909351
7	0.8450980	67	1.8260748	27	2.1038037	87	2.2717416	47	2.3926969
8	0.9030200	68	1.8325089	28	2.1072100	88	2.2741578	48	2.3944517
9	0.9542425	69	1.8389491	29	2.1105897	89	2.2764618	49	2.3961991
10	1.0000000	70	1.8453980	30	2.1139433	90	2.2787536	50	2.3979400
11	1.0413927	71	1.8518582	31	2.1172713	91	2.2810334	51	2.3996717
12	1.0791312	72	1.8583325	32	2.1205739	92	2.2833012	52	2.4014005
13	1.1139433	73	1.8648229	33	2.1238516	93	2.2855573	53	2.4031205
14	1.1461250	74	1.8693177	34	2.1271048	94	2.2878017	54	2.4048317
15	1.1760913	75	1.8750613	35	2.1303338	95	2.2900346	55	2.4065402
16	1.2041200	76	1.8808136	36	2.1335389	96	2.2922561	56	2.4082400
17	1.2304489	77	1.8864907	37	2.1367206	97	2.2944662	57	2.4099351
18	1.2552725	78	1.8920946	38	2.1398791	98	2.2966652	58	2.4116197
19	1.2787536	79	1.8976271	39	2.1430148	99	2.2988531	59	2.4132998
20	1.3010300	80	1.9030900	40	2.1461280	200	2.3010300	60	2.4149733
21	1.3222193	81	1.9084850	41	2.1492191	1	2.3031961	61	2.4166405
22	1.3424227	82	1.9138138	42	2.1522883	2	2.3053514	62	2.4183013
23	1.3617278	83	1.9190781	43	2.1553360	3	2.3074960	63	2.4199557
24	1.3802112	84	1.9242793	44	2.1583625	4	2.3096302	64	2.4216039
25	1.3979400	85	1.9294189	45	2.1613680	5	2.3117519	65	2.4232459
26	1.4149733	86	1.9344984	46	2.1643528	6	2.3138672	66	2.4248816
27	1.4313638	87	1.9395192	47	2.1673173	7	2.3159703	67	2.4265113
28	1.4471580	88	1.9444827	48	2.1702617	8	2.3180633	68	2.4281348
29	1.4623980	89	1.9493900	49	2.1731863	9	2.3201463	69	2.4297533
30	1.4771212	90	1.9542425	50	2.1760913	10	2.3222193	70	2.4313618
31	1.4913617	91	1.9590414	51	2.1789769	11	2.3242824	71	2.4329693
32	1.5051500	92	1.9637878	52	2.1818436	12	2.3263359	72	2.4345639
33	1.5185139	93	1.9684829	53	2.1846914	13	2.3283796	73	2.4361626
34	1.5314789	94	1.9731278	54	2.1875207	14	2.3304138	74	2.4377506
35	1.5440680	95	1.9777236	55	2.1903317	15	2.3324385	75	2.4393327
36	1.5563025	96	1.9822712	56	2.1931246	16	2.3344537	76	2.4409091
37	1.5682017	97	1.9867717	57	2.1958966	17	2.3364597	77	2.4424798
38	1.5797836	98	1.9912261	58	2.1986571	18	2.3384565	78	2.4440448
39	1.5910646	99	1.9956352	59	2.2013971	19	2.3404441	79	2.4456042
40	1.6020600	100	2.0000000	60	2.2041200	20	2.3424227	80	2.4471580
41	1.6127819	1	2.0043214	61	2.2068259	21	2.3443923	81	2.4487063
42	1.6232493	2	2.0086002	62	2.2095150	22	2.3463530	82	2.4502491
43	1.6334685	3	2.0128372	63	2.2121876	23	2.3483049	83	2.4517864
44	1.6434527	4	2.0170333	64	2.2148438	24	2.3502480	84	2.4533183
45	1.6532125	5	2.0211893	65	2.2174839	25	2.3521825	85	2.4548449
46	1.6627578	6	2.0253059	66	2.2201081	26	2.3541084	86	2.4563660
47	1.6720979	7	2.0293838	67	2.2227165	27	2.3560259	87	2.4578819
48	1.6812412	8	2.0334238	68	2.2253093	28	2.3579344	88	2.4593925
49	1.6901961	9	2.0374265	69	2.2278867	29	2.3598355	89	2.4608978
50	1.6989700	10	2.0413927	70	2.2304489	30	2.3617278	90	2.4623980
51	1.7075702	11	2.0453230	71	2.2329961	31	2.3636120	91	2.4638930
52	1.7160033	12	2.0492180	72	2.2355284	32	2.3654880	92	2.4653828
53	1.7242759	13	2.0530784	73	2.2380461	33	2.3673559	93	2.4668676
54	1.7323938	14	2.0569048	74	2.2405492	34	2.3692159	94	2.4683473
55	1.7403627	15	2.0606978	75	2.2430380	35	2.3710679	95	2.4698220
56	1.7481880	16	2.0644580	76	2.2455127	36	2.3729120	96	2.4712917
57	1.7558748	17	2.0681859	77	2.2479733	37	2.3747483	97	2.4727564
58	1.7634280	18	2.0718820	78	2.2504200	38	2.3765770	98	2.4742163
59	1.7708520	19	2.0755470	79	2.2528530	39	2.3783979	99	2.4756712

secū da.	Gr. Mi. 0. 5.	Gr. Mi. 0. 6.	Gr. Mi. 0. 7.	Gr. Mi. 0. 8.	Gr. Mi. 0. 9.
1	2.4771212	60	2.5563025	420	2.6232493
2	2.4785665	61	2.5575072	21	2.6242821
3	2.4800069	62	2.5587026	22	2.6253124
4	2.4814426	63	2.5599006	23	2.6263404
5	2.4828736	64	2.5611014	24	2.6273659
6	2.4842998	65	2.5622929	25	2.6283889
7	2.4857214	66	2.5634811	26	2.6294096
8	2.4871384	67	2.5646661	27	2.6304279
9	2.4885507	68	2.5658478	28	2.6314438
10	2.4899585	69	2.5670264	29	2.6324573
11	2.4913617	70	2.5682017	30	2.6334685
12	2.4927604	71	2.5693739	31	2.6344773
13	2.4941546	72	2.5705429	32	2.6354837
14	2.4955443	73	2.5717088	33	2.6364879
15	2.4969296	74	2.5728716	34	2.6374897
16	2.4983105	75	2.5740313	35	2.6384893
17	2.4996871	76	2.5751878	36	2.6394865
18	2.5010593	77	2.5763412	37	2.6404814
19	2.5024271	78	2.5774918	38	2.6414741
20	2.5037907	79	2.5786392	39	2.6424645
21	2.5051500	80	2.5797836	40	2.6434527
22	2.5065050	81	2.5809250	41	2.6444386
23	2.5078559	82	2.5820634	42	2.6454223
24	2.5092025	83	2.5831988	43	2.6464037
25	2.5105450	84	2.5843312	44	2.6473830
26	2.5118834	85	2.5854607	45	2.6483600
27	2.5132176	86	2.5865872	46	2.6493349
28	2.5145477	87	2.5877110	47	2.6503075
29	2.5158738	88	2.5888317	48	2.6512780
30	2.5171950	89	2.5899496	49	2.6522463
31	2.5185139	90	2.5910646	50	2.6532125
32	2.5198280	91	2.5921768	51	2.6541765
33	2.5211382	92	2.5932861	52	2.6551384
34	2.5224444	93	2.5943925	53	2.6560982
35	2.5237465	94	2.5954962	54	2.6570558
36	2.5250448	95	2.5965971	55	2.6580114
37	2.5263393	96	2.5976952	56	2.6589648
38	2.5276299	97	2.5987905	57	2.6599162
39	2.5289167	98	2.5998831	58	2.6608655
40	2.5301997	99	2.6009729	59	2.6618127
41	2.5314789	400	2.6020600	60	2.6627578
42	2.5327544	1	2.6031444	61	2.6637009
43	2.5340261	2	2.6042260	62	2.6646420
44	2.5352941	3	2.6053050	63	2.6655810
45	2.5365584	4	2.6063814	64	2.6665180
46	2.5378191	5	2.6074550	65	2.6674529
47	2.5390761	6	2.6085260	66	2.6683859
48	2.5403295	7	2.6095944	67	2.6693169
49	2.5415792	8	2.6106602	68	2.6702458
50	2.5428254	9	2.6117233	69	2.6711728
51	2.5440680	10	2.6127810	70	2.6720970
52	2.5453071	11	2.6138418	71	2.6730209
53	2.5465427	12	2.6148972	72	2.6739420
54	2.5477747	13	2.6159500	73	2.6748611
55	2.5490031	14	2.6170003	74	2.6757783
56	2.5502283	15	2.6180481	75	2.6766936
57	2.5514500	16	2.6190931	76	2.6776069
58	2.5526682	17	2.6201365	77	2.6785184
59	2.5538830	18	2.6211763	78	2.6794279
60	2.5550944	19	2.6222140	79	2.6803355
61	2.5563025	20	2.6232493	80	2.6812412
62	2.5575072	21	2.6242821	81	2.6821451
63	2.5587026	22	2.6253124	82	2.6830470
64	2.5599006	23	2.6263404	83	2.6839471
65	2.5611014	24	2.6273659	84	2.6848454
66	2.5622929	25	2.6283889	85	2.6857417
67	2.5634811	26	2.6294096	86	2.6866363
68	2.5646661	27	2.6304279	87	2.6875290
69	2.5658478	28	2.6314438	88	2.6884198
70	2.5670264	29	2.6324573	89	2.6893089
71	2.5682017	30	2.6334685	90	2.6901961
72	2.5693739	31	2.6344773	91	2.6910815
73	2.5705429	32	2.6354837	92	2.6919651
74	2.5717088	33	2.6364879	93	2.6928469
75	2.5728716	34	2.6374897	94	2.6937269
76	2.5740313	35	2.6384893	95	2.6946052
77	2.5751878	36	2.6394865	96	2.6954817
78	2.5763412	37	2.6404814	97	2.6963564
79	2.5774918	38	2.6414741	98	2.6972293
80	2.5786392	39	2.6424645	99	2.6981005
81	2.5797836	40	2.6434527	500	2.6989700
82	2.5809250	41	2.6444386	1	2.6998377
83	2.5820634	42	2.6454223	2	2.7007037
84	2.5831988	43	2.6464037	3	2.7015680
85	2.5843312	44	2.6473830	4	2.7024305
86	2.5854607	45	2.6483600	5	2.7032914
87	2.5865872	46	2.6493349	6	2.7041505
88	2.5877110	47	2.6503075	7	2.7050080
89	2.5888317	48	2.6512780	8	2.7058637
90	2.5899496	49	2.6522463	9	2.7067178
91	2.5910646	50	2.6532125	10	2.7075702
92	2.5921768	51	2.6541765	11	2.7084209
93	2.5932861	52	2.6551384	12	2.7092700
94	2.5943925	53	2.6560982	13	2.7101174
95	2.5954962	54	2.6570558	14	2.7109631
96	2.5965971	55	2.6580114	15	2.7118072
97	2.5976952	56	2.6589648	16	2.7126497
98	2.5987905	57	2.6599162	17	2.7134905
99	2.5998831	58	2.6608655	18	2.7143298
400	2.6009729	59	2.6618127	19	2.7151674
1	2.6020600	60	2.6627578	20	2.7160033
2	2.6031444	61	2.6637009	21	2.7168377
3	2.6042260	62	2.6646420	22	2.7176705
4	2.6053050	63	2.6655810	23	2.7185017
5	2.6063814	64	2.6665180	24	2.7193313
6	2.6074550	65	2.6674529	25	2.7201593
7	2.6085260	66	2.6683859	26	2.7209857
8	2.6095944	67	2.6693169	27	2.7218106
9	2.6106602	68	2.6702458	28	2.7226339
10	2.6117233	69	2.6711728	29	2.7234557
11	2.6127810	70	2.6720970	30	2.7242759
12	2.6138418	71	2.6730209	31	2.7250945
13	2.6148972	72	2.6739420	32	2.7259116
14	2.6159500	73	2.6748611	33	2.7267272
15	2.6170003	74	2.6757783	34	2.7275413
16	2.6180481	75	2.6766936	35	2.7283538
17	2.6190931	76	2.6776069	36	2.7291648
18	2.6201365	77	2.6785184	37	2.7300743
19	2.6211763	78	2.6794279	38	2.7308823
20	2.6222140	79	2.6803355	39	2.7316888
21	2.6232493	80	2.6812412	40	2.7324928
22	2.6242821	81	2.6821451	41	2.7332933
23	2.6253124	82	2.6830470	42	2.7340903
24	2.6263404	83	2.6839471	43	2.7348838
25	2.6273659	84	2.6848454	44	2.7356739
26	2.6283889	85	2.6857417	45	2.7364605
27	2.6294096	86	2.6866363	46	2.7372436
28	2.6304279	87	2.6875290	47	2.7380233
29	2.6314438	88	2.6884198	48	2.7388006
30	2.6324573	89	2.6893089	49	2.7395753
31	2.6334685	90	2.6901961	50	2.7403474
32	2.6344773	91	2.6910815	51	2.7411170
33	2.6354837	92	2.6919651	52	2.7418841
34	2.6364879	93	2.6928469	53	2.7426487
35	2.6374897	94	2.6937269	54	2.7434108
36	2.6384893	95	2.6946052	55	2.7441705
37	2.6394865	96	2.6954817	56	2.7449278
38	2.6404814	97	2.6963564	57	2.7456825
39	2.6414741	98	2.6972293	58	2.7464346
40	2.6424645	99	2.6981005	59	2.7471841
41	2.6434527	500	2.6989700	60	2.7479310
42	2.6444386	1	2.6998377	61	2.7486762
43	2.6454223	2	2.7007037	62	2.7494193
44	2.6464037	3	2.7015680	63	2.7501604
45	2.6473830	4	2.7024305	64	2.7512919
46	2.6483600	5	2.7032914	65	2.7520248
47	2.6493349	6	2.7041505	66	2.7527581
48	2.6503075	7	2.7050080	67	2.7534919
49	2.6512780	8	2.7058637	68	2.7542251
50	2.6522463	9	2.7067178	69	2.7549586
51	2.6532125	10	2.7075702	70	2.7556914
52	2.6541765	11	2.7084209	71	2.7564245
53	2.6551384	12	2.7092700	72	2.7571569
54	2.6560982	13	2.7101174	73	2.7578896
55	2.6570558	14	2.7109631	74	2.7586216
56	2.6580114	15	2.7118072	75	2.7593529
57	2.6589648	16	2.7126497	76	2.7600844
58	2.6599162	17	2.7134905	77	2.7608151
59	2.6608655	18	2.7143298	78	2.7615450
60	2.6618127	19	2.7151674	79	2.7622741
61	2.6627578	20	2.7160033	80	2.7630024
62	2.6637009	21	2.7168377	81	2.7637300
63	2.6646420	22	2.7176705	82	2.7644568
64	2.6655810	23	2.7185017	83	2.7651829
65	2.6665180	24	2.7193313	84	2.7659082
66	2.6674529	25	2.7201593	85	2.7666327
67	2.6683859	26	2.7209857	86	2.7673564
68	2.6693169	27	2.7218106	87	2.7680793
69	2.6702458	28	2.7226339	88	2.7688014
70	2.6711728	29	2.7234557	89	2.7695227
71	2.6720970	30	2.7242759	90	2.7702433
72	2.6730209	31	2.7250945	91	2.7709631
73	2.6739420	32	2.7259116	92	2.7716820
74	2.6748611	33	2.7267272	93	2.7724000
75	2.6757783	34	2.7275413	94	2.7731171
76	2.6766936	35	2.7283538	95	2.7738334
77	2.6776069	36	2.7291648	96	2.7745489
78	2.6785184	37	2.7300743	97	2.7752635
79	2.6794279	38	2.7308823	98	2.7759772
80	2.6803355	39	2.7316888	99	2.7766900

secū da.	Gr. Mi. O. 15.	Gr. Mi. O. 16.	Gr. Mi. O. 17.	Gr. Mi. O. 18.	Gr. Mi. O. 19.
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
900	2.9542425	60	2.9822712	1020	3.0086002
1	2.9547248	61	2.9827234	21	3.0090257
2	2.9552065	62	2.9831751	22	3.0094509
3	2.9556877	63	2.9836263	23	3.0098756
4	2.9561684	64	2.9840770	24	3.0102999
5	2.9566486	65	2.9845273	25	3.0107239
6	2.9571282	66	2.9849771	26	3.0111474
7	2.9576073	67	2.9854265	27	3.0115704
8	2.9580858	68	2.9858753	28	3.0119931
9	2.9585639	69	2.9863238	29	3.0124154
10	2.9590414	70	2.9867717	30	3.0128372
11	2.9595184	71	2.9872192	31	3.0132587
12	2.9599948	72	2.9876663	32	3.0136797
13	2.9604708	73	2.9881128	33	3.0141003
14	2.9609462	74	2.9885589	34	3.0145205
15	2.9614211	75	2.9890046	35	3.0149403
16	2.9618955	76	2.9894498	36	3.0153597
17	2.9623693	77	2.9898946	37	3.0157787
18	2.9628427	78	2.9903388	38	3.0161973
19	2.9633155	79	2.9907827	39	3.0166155
20	2.9637874	80	2.9912261	40	3.0170333
21	2.9642596	81	2.9916690	41	3.0174507
22	2.9647309	82	2.9921115	42	3.0178677
23	2.9652017	83	2.9925535	43	3.0182843
24	2.9656720	84	2.9929951	44	3.0187005
25	2.9661417	85	2.9934362	45	3.0191163
26	2.9666110	86	2.9938769	46	3.0195317
27	2.9670797	87	2.9943171	47	3.0199467
28	2.9675480	88	2.9947569	48	3.0203613
29	2.9680157	89	2.9951963	49	3.0207755
30	2.9684829	90	2.9956352	50	3.0211893
31	2.9689497	91	2.9960736	51	3.0216027
32	2.9694159	92	2.9965117	52	3.0220157
33	2.9698816	93	2.9969492	53	3.0224284
34	2.9703469	94	2.9973864	54	3.0228406
35	2.9708116	95	2.9978231	55	3.0232524
36	2.9712758	96	2.9982593	56	3.0236639
37	2.9717396	97	2.9986951	57	3.0240750
38	2.9722028	98	2.9991305	58	3.0244857
39	2.9726656	99	2.9995655	59	3.0248960
40	2.9731278	1000	3.0000000	60	3.0253059
41	2.9735896	1	3.0004341	61	3.0257154
42	2.9740509	2	3.0008687	62	3.0261245
43	2.9745117	3	3.0013009	63	3.0265333
44	2.9749720	4	3.0017337	64	3.0269416
45	2.9754318	5	3.0021661	65	3.0273496
46	2.9758911	6	3.0025930	66	3.0277572
47	2.9763500	7	3.0030295	67	3.0281644
48	2.9768083	8	3.0034605	68	3.0285712
49	2.9772662	9	3.0038912	69	3.0289777
50	2.9777236	10	3.0043214	70	3.0293838
51	2.9781805	11	3.0047511	71	3.0297895
52	2.9786369	12	3.0051805	72	3.0301948
53	2.9790929	13	3.0056094	73	3.0305997
54	2.9795484	14	3.0060379	74	3.0310043
55	2.9800034	15	3.0064660	75	3.0314085
56	2.9804579	16	3.0068937	76	3.0318123
57	2.9809119	17	3.0073209	77	3.0322157
58	2.9813655	18	3.0077478	78	3.0326188
59	2.9818186	19	3.0081742	79	3.0330214
60	2.9822712	20	3.0086002	80	3.0334237
61	2.9827234	21	3.0090257	81	3.0338257
62	2.9831751	22	3.0094509	82	3.0342273
63	2.9836263	23	3.0098756	83	3.0346284
64	2.9840770	24	3.0102999	84	3.0350293
65	2.9845273	25	3.0107239	85	3.0354297
66	2.9849771	26	3.0111474	86	3.0358298
67	2.9854265	27	3.0115704	87	3.0362295
68	2.9858753	28	3.0119931	88	3.0366289
69	2.9863238	29	3.0124154	89	3.0370279
70	2.9867717	30	3.0128372	90	3.0374265
71	2.9872192	31	3.0132587	91	3.0378247
72	2.9876663	32	3.0136797	92	3.0382226
73	2.9881128	33	3.0141003	93	3.0386201
74	2.9885589	34	3.0145205	94	3.0390173
75	2.9890046	35	3.0149403	95	3.0394141
76	2.9894498	36	3.0153597	96	3.0398105
77	2.9898946	37	3.0157787	97	3.0402066
78	2.9903388	38	3.0161973	98	3.0406023
79	2.9907827	39	3.0166155	99	3.0409977
80	2.9912261	40	3.0170333	1000	3.0413927
81	2.9916690	41	3.0174507	1	3.0417873
82	2.9921115	42	3.0178677	2	3.0421816
83	2.9925535	43	3.0182843	3	3.0425755
84	2.9929951	44	3.0187005	4	3.0429691
85	2.9934362	45	3.0191163	5	3.0433623
86	2.9938769	46	3.0195317	6	3.0437551
87	2.9943171	47	3.0199467	7	3.0441476
88	2.9947569	48	3.0203613	8	3.0445398
89	2.9951963	49	3.0207755	9	3.0449318
90	2.9956352	50	3.0211893	10	3.0453230
91	2.9960736	51	3.0216027	11	3.0457140
92	2.9965117	52	3.0220157	12	3.0461048
93	2.9969492	53	3.0224284	13	3.0464952
94	2.9973864	54	3.0228406	14	3.0468852
95	2.9978231	55	3.0232524	15	3.0472749
96	2.9982593	56	3.0236639	16	3.0476642
97	2.9986951	57	3.0240750	17	3.0480532
98	2.9991305	58	3.0244857	18	3.0484418
99	2.9995655	59	3.0248960	19	3.0488301
1000	3.0000000	60	3.0253059	20	3.0492180
1	3.0004341	61	3.0257154	21	3.0496066
2	3.0008687	62	3.0261245	22	3.0499928
3	3.0013009	63	3.0265333	23	3.0503797
4	3.0017337	64	3.0269416	24	3.0507663
5	3.0021661	65	3.0273496	25	3.0511525
6	3.0025930	66	3.0277572	26	3.0515384
7	3.0030295	67	3.0281644	27	3.0519239
8	3.0034605	68	3.0285712	28	3.0523091
9	3.0038912	69	3.0289777	29	3.0526939
10	3.0043214	70	3.0293838	30	3.0530784
11	3.0047511	71	3.0297895	31	3.0534626
12	3.0051805	72	3.0301948	32	3.0538464
13	3.0056094	73	3.0305997	33	3.0542299
14	3.0060379	74	3.0310043	34	3.0546130
15	3.0064660	75	3.0314085	35	3.0549958
16	3.0068937	76	3.0318123	36	3.0553783
17	3.0073209	77	3.0322157	37	3.0557604
18	3.0077478	78	3.0326188	38	3.0561423
19	3.0081742	79	3.0330214	39	3.0565237
20	3.0086002	80	3.0334237	40	3.0569048
21	3.0090257	81	3.0338257	41	3.0572856
22	3.0094509	82	3.0342273	42	3.0576661
23	3.0098756	83	3.0346284	43	3.0580462
24	3.0102999	84	3.0350293	44	3.0584260
25	3.0107239	85	3.0354297	45	3.0588055
26	3.0111474	86	3.0358298	46	3.0591846
27	3.0115704	87	3.0362295	47	3.0595634
28	3.0119931	88	3.0366289	48	3.0599419
29	3.0124154	89	3.0370279	49	3.0603200
30	3.0128372	90	3.0374265	50	3.0606978
31	3.0132587	91	3.0378247	51	3.0610753
32	3.0136797	92	3.0382226	52	3.0614525
33	3.0141003	93	3.0386201	53	3.0618293
34	3.0145205	94	3.0390173	54	3.0622058
35	3.0149403	95	3.0394141	55	3.0625820
36	3.0153597	96	3.0398105	56	3.0629578
37	3.0157787	97	3.0402066	57	3.0633334
38	3.0161973	98	3.0406023	58	3.0637085
39	3.0166155	99	3.0409977	59	3.0640834
40	3.0170333	1000	3.0413927	60	3.0644580
41	3.0174507	1	3.0417873	61	3.0648322
42	3.0178677	2	3.0421816	62	3.0652061
43	3.0182843	3	3.0425755	63	3.0655797
44	3.0187005	4	3.0429691	64	3.0659530
45	3.0191163	5	3.0433623	65	3.0663259
46	3.0195317	6	3.0437551	66	3.0666985
47	3.0199467	7	3.0441476	67	3.0670708
48	3.0203613	8	3.0445398	68	3.0674428
49	3.0207755	9	3.0449318	69	3.0678145
50	3.0211893	10	3.0453230	70	3.0681859
51	3.0216027	11	3.0457140	71	3.0685569
52	3.0220157	12	3.0461048	72	3.0689276
53	3.0224284	13	3.0464952	73	3.0692980
54	3.0228406	14	3.0468852	74	3.0696681
55	3.0232524	15	3.0472749	75	3.0700379
56	3.0236639	16	3.0476642	76	3.0704073
57	3.0240750	17	3.0480532	77	3.0707765
58	3.0244857	18	3.0484418	78	3.0711453
59	3.0248960	19	3.0488301	79	3.0715138
60	3.0253059	20	3.04921		

secū da.	Gr. Mi. 0. 25	Gr. Mi. 0. 26.	Gr. Mi. 0. 27.	Gr. Mi. 0. 28.	Gr. Mi. 0. 29.
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
150	3.1760213	3.1931246	3.2095150	3.2255492	3.2405498
1	3.1761807	3.1932840	3.2096744	3.2257086	3.2407092
2	3.1763401	3.1934434	3.2098338	3.2258680	3.2408686
3	3.1764995	3.1936028	3.2100032	3.2260274	3.2410280
4	3.1766589	3.1937622	3.2101626	3.2261868	3.2411874
5	3.1768183	3.1939216	3.2103220	3.2263462	3.2413468
6	3.1769777	3.1940810	3.2104814	3.2265056	3.2415062
7	3.1771371	3.1942404	3.2106408	3.2266650	3.2416656
8	3.1772965	3.1944000	3.2108002	3.2268244	3.2418250
9	3.1774559	3.1945594	3.2109596	3.2269838	3.2419844
10	3.1776153	3.1947188	3.2111190	3.2271432	3.2421438
11	3.1777747	3.1948782	3.2112784	3.2273026	3.2423032
12	3.1779341	3.1950376	3.2114378	3.2274620	3.2424626
13	3.1780935	3.1951970	3.2115972	3.2276214	3.2426220
14	3.1782529	3.1953564	3.2117566	3.2277808	3.2427814
15	3.1784123	3.1955158	3.2119160	3.2279402	3.2429408
16	3.1785717	3.1956752	3.2120754	3.2280996	3.2430992
17	3.1787311	3.1958346	3.2122348	3.2282590	3.2432586
18	3.1788905	3.1959940	3.2123942	3.2284184	3.2434180
19	3.1790499	3.1961534	3.2125536	3.2285778	3.2435774
20	3.1792093	3.1963128	3.2127130	3.2287372	3.2437368
21	3.1793687	3.1964722	3.2128724	3.2288966	3.2438962
22	3.1795281	3.1966316	3.2130318	3.2290560	3.2440556
23	3.1796875	3.1967910	3.2131912	3.2292154	3.2442150
24	3.1798469	3.1969504	3.2133506	3.2293748	3.2443744
25	3.1800063	3.1971098	3.2135100	3.2295342	3.2445338
26	3.1801657	3.1972692	3.2136694	3.2296936	3.2446932
27	3.1803251	3.1974286	3.2138288	3.2298530	3.2448526
28	3.1804845	3.1975880	3.2139882	3.2300124	3.2450120
29	3.1806439	3.1977474	3.2141476	3.2301718	3.2451714
30	3.1808033	3.1979068	3.2143070	3.2303312	3.2453308
31	3.1809627	3.1980662	3.2144664	3.2304906	3.2454902
32	3.1811221	3.1982256	3.2146258	3.2306500	3.2456496
33	3.1812815	3.1983850	3.2147852	3.2308094	3.2458090
34	3.1814409	3.1985444	3.2149446	3.2309688	3.2459684
35	3.1816003	3.1987038	3.2151040	3.2311282	3.2461278
36	3.1817597	3.1988632	3.2152634	3.2312876	3.2462872
37	3.1819191	3.1990226	3.2154228	3.2314470	3.2464466
38	3.1820785	3.1991820	3.2155822	3.2316064	3.2466060
39	3.1822379	3.1993414	3.2157416	3.2317658	3.2467654
40	3.1823973	3.1995008	3.2159010	3.2319252	3.2469248
41	3.1825567	3.1996602	3.2160604	3.2320846	3.2470842
42	3.1827161	3.1998196	3.2162198	3.2322440	3.2472436
43	3.1828755	3.1999790	3.2163792	3.2324034	3.2474030
44	3.1830349	3.2001384	3.2165386	3.2325628	3.2475624
45	3.1831943	3.2002978	3.2166980	3.2327222	3.2477218
46	3.1833537	3.2004572	3.2168574	3.2328816	3.2478812
47	3.1835131	3.2006166	3.2170168	3.2330410	3.2480406
48	3.1836725	3.2007760	3.2171762	3.2332004	3.2482000
49	3.1838319	3.2009354	3.2173356	3.2333598	3.2483594
50	3.1839913	3.2010948	3.2174950	3.2335192	3.2485188
51	3.1841507	3.2012542	3.2176544	3.2336786	3.2486782
52	3.1843101	3.2014136	3.2178138	3.2338380	3.2488376
53	3.1844695	3.2015730	3.2179732	3.2339974	3.2489970
54	3.1846289	3.2017324	3.2181326	3.2341568	3.2491564
55	3.1847883	3.2018918	3.2182920	3.2343162	3.2493158
56	3.1849477	3.2020512	3.2184514	3.2344756	3.2494752
57	3.1851071	3.2022106	3.2186108	3.2346350	3.2496346
58	3.1852665	3.2023700	3.2187702	3.2347944	3.2497940
59	3.1854259	3.2025294	3.2189296	3.2349538	3.2499534
60	3.1855853	3.2026888	3.2190890	3.2351132	3.2501128
61	3.1857447	3.2028482	3.2192484	3.2352726	3.2502722
62	3.1859041	3.2030076	3.2194078	3.2354320	3.2504316
63	3.1860635	3.2031670	3.2195672	3.2355914	3.2505910
64	3.1862229	3.2033264	3.2197266	3.2357508	3.2507504
65	3.1863823	3.2034858	3.2198860	3.2359102	3.2509098
66	3.1865417	3.2036452	3.2200454	3.2360696	3.2510692
67	3.1867011	3.2038046	3.2202048	3.2362290	3.2512286
68	3.1868605	3.2039640	3.2203642	3.2363884	3.2513880
69	3.1870199	3.2041234	3.2205236	3.2365478	3.2515474
70	3.1871793	3.2042828	3.2206830	3.2367072	3.2517068
71	3.1873387	3.2044422	3.2208424	3.2368666	3.2518662
72	3.1874981	3.2046016	3.2210018	3.2370260	3.2520256
73	3.1876575	3.2047610	3.2211612	3.2371854	3.2521850
74	3.1878169	3.2049204	3.2213206	3.2373448	3.2523444
75	3.1879763	3.2050798	3.2214800	3.2375042	3.2525038
76	3.1881357	3.2052392	3.2216394	3.2376636	3.2526632
77	3.1882951	3.2053986	3.2217988	3.2378230	3.2528226
78	3.1884545	3.2055580	3.2219582	3.2379824	3.2529820
79	3.1886139	3.2057174	3.2221176	3.2381418	3.2531414
80	3.1887733	3.2058768	3.2222770	3.2383012	3.2533008
81	3.1889327	3.2060362	3.2224364	3.2384606	3.2534602
82	3.1890921	3.2061956	3.2225958	3.2386200	3.2536196
83	3.1892515	3.2063550	3.2227552	3.2387794	3.2537790
84	3.1894109	3.2065144	3.2229146	3.2389388	3.2539384
85	3.1895703	3.2066738	3.2230740	3.2390982	3.2540978
86	3.1897297	3.2068332	3.2232334	3.2392576	3.2542572
87	3.1898891	3.2069926	3.2233928	3.2394170	3.2544166
88	3.1900485	3.2071520	3.2235522	3.2395764	3.2545760
89	3.1902079	3.2073114	3.2237116	3.2397358	3.2547354
90	3.1903673	3.2074708	3.2238710	3.2398952	3.2548948
91	3.1905267	3.2076302	3.2240304	3.2400546	3.2550542
92	3.1906861	3.2077896	3.2241898	3.2402140	3.2552136
93	3.1908455	3.2079490	3.2243492	3.2403734	3.2553730
94	3.1910049	3.2081084	3.2245086	3.2405328	3.2555324
95	3.1911643	3.2082678	3.2246680	3.2406922	3.2556918
96	3.1913237	3.2084272	3.2248274	3.2408516	3.2558512
97	3.1914831	3.2085866	3.2249868	3.2410110	3.2560106
98	3.1916425	3.2087460	3.2251462	3.2411704	3.2561700
99	3.1918019	3.2089054	3.2253056	3.2413298	3.2563294
100	3.1919613	3.2090648	3.2254650	3.2414892	3.2564888

secū da.	Gr. Mi. 0. 30.	Gr. Mi. 0. 31.	Gr. Mi. 0. 32.	Gr. Mi. 0. 33.	Gr. Mi. 0. 34.
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
1800	3.2552725	3.2695129	3.2833012	3.2966652	3.3098302
1	3.2554319	3.2696723	3.2834606	3.2968246	3.3100000
2	3.2555913	3.2698317	3.2836200	3.2969840	3.3101698
3	3.2557507	3.2700000	3.2837794	3.2971434	3.3103396
4	3.2559101	3.2701594	3.2839388	3.2973028	3.3105094
5	3.2560695	3.2703188	3.2840982	3.2974622	3.3106792
6	3.2562289	3.2704782	3.2842576	3.2976216	3.3108490
7	3.2563883	3.2706376	3.2844170	3.2977810	3.3110188
8	3.2565477	3.2707970	3.2845764	3.2979404	3.3111886
9	3.2567071	3.2709564	3.2847358	3.2980998	3.3113584
10	3.2568665	3.2711158	3.2848952	3.2982592	3.3115282
11	3.2570259	3.2712752	3.2850546	3.2984186	3.3116980
12	3.2571853	3.2714346	3.2852140	3.2985780	3.3118678
13	3.2573447	3.2715940	3.2853734	3.2987374	3.3120376
14	3.2575041	3.2717534	3.2855328	3.2988968	3.3122074
15	3.2576635	3.2719128	3.2856922	3.2990562	3.3123772
16	3.2578229	3.2720722	3.2858516	3.2992156	3.3125470
17	3.2579823	3.2722316	3.2860110	3.2993750	3.3127168
18	3.2581417	3.2723910	3.2861704	3.2995344	3.3128866
19	3.2583011	3.2725504	3.2863298	3.2996938	3.3130564
20	3.2584605	3.2727098	3.2864892	3.2998532	3.3132262
21	3.2586199	3.2728692	3.2866486	3.2999999	3.3133960
22	3.2587793	3.2730286	3.2868080	3.3001593	3.3135658
23	3.2589387	3.2731880	3.2869674	3.3003187	3.3137356
24	3.2590981	3.2733474	3.2871268	3.3004781	3.3139054
25	3.2592575	3.2735068	3.2872862	3.3006375	3.3140752
26	3.2594169	3.2736662	3.2874456	3.3007969	3.3142450
27	3.2595763	3.2738256	3.2876050	3.3009563	3.3144148
28	3.2597357	3.2739850	3.2877644	3.3011157	3.3145846
29	3.2598951	3.2741444	3.2879238	3.3012751	3.3147544
30	3.2600545	3.2743038	3.2880832	3.3014345	3.3149242
31	3.2602139	3.2744632	3.2882426	3.3015939	3.3150

secū da.	Gr. Mi. O. 35.	Gr. Mi. O. 36.	Gr. Mi. O. 37.	Gr. Mi. O. 38.	Gr. Mi. O. 39.
	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
1000	3.322193	1160 3.3344537	2220 3.3465530	2280 3.3579348	2340 3.3692159
1	3.3221260	61 3.3346548	21 3.3465486	81 3.3581253	41 3.3694014
2	3.322527	62 3.3348557	22 3.3467411	82 3.3583156	42 3.3695869
3	3.3228993	63 3.3350565	23 3.3469395	83 3.3585059	43 3.3697724
4	3.32320457	64 3.3352572	24 3.3471348	84 3.3586961	44 3.3699576
5	3.323521	65 3.3354579	25 3.3473300	85 3.3588862	45 3.3701428
6	3.3238484	66 3.3356585	26 3.3475252	86 3.3590762	46 3.3703280
7	3.32416645	67 3.3358589	27 3.3477202	87 3.3592662	47 3.3705131
8	3.3244832	68 3.3360594	28 3.3479152	88 3.3594560	48 3.3706981
9	3.3247900	69 3.3362598	29 3.3481101	89 3.3596458	49 3.3708830
10	3.3242225	70 3.3364597	30 3.3483049	90 3.3598355	50 3.3710679
11	3.3244882	71 3.3366603	31 3.3484996	91 3.3600251	51 3.3712526
12	3.3247939	72 3.3368607	32 3.3486942	92 3.3602145	52 3.3714373
13	3.3248925	73 3.3370597	33 3.3488887	93 3.3604041	53 3.3716219
14	3.3251057	74 3.3372595	34 3.3490832	94 3.3605934	54 3.3718065
15	3.3253104	75 3.3374593	35 3.3492775	95 3.3607827	55 3.3719909
16	3.3255157	76 3.3376589	36 3.3494718	96 3.3609719	56 3.3721753
17	3.3257209	77 3.3378581	37 3.3496660	97 3.3611610	57 3.3723596
18	3.3259260	78 3.3380579	38 3.3498601	98 3.3613500	58 3.3725438
19	3.3261310	79 3.3382572	39 3.3500541	99 3.3615390	59 3.3727279
20	3.3263359	80 3.3384565	40 3.3502480	1 3.3617278	60 3.3729120
21	3.3265407	81 3.3386557	41 3.3504419	2 3.3619166	61 3.3730960
22	3.3267454	82 3.3388547	42 3.3506356	3 3.3621053	62 3.3732799
23	3.3269500	83 3.3390537	43 3.3508293	4 3.3622940	63 3.3734637
24	3.3271545	84 3.3392526	44 3.3510228	5 3.3624825	64 3.3736475
25	3.3273589	85 3.3394514	45 3.3512163	6 3.3626709	65 3.3738311
26	3.3275631	86 3.3396501	46 3.3514098	7 3.3628593	66 3.3740147
27	3.3277675	87 3.3398488	47 3.3516031	8 3.3630476	67 3.3741983
28	3.3279716	88 3.3400473	48 3.3517963	9 3.3632358	68 3.3743817
29	3.3281757	89 3.3402458	49 3.3519895	10 3.3634219	69 3.3745651
30	3.3283796	90 3.3404441	50 3.3521825	11 3.3636102	70 3.3747485
31	3.3285834	91 3.3406424	51 3.3523755	12 3.3637999	71 3.3749316
32	3.3287872	92 3.3408405	52 3.3525684	13 3.3639878	72 3.3751147
33	3.3289909	93 3.3410386	53 3.3527612	14 3.3641756	73 3.3752977
34	3.3291944	94 3.3412366	54 3.3529539	15 3.3643633	74 3.3754807
35	3.3293979	95 3.3414345	55 3.3531465	16 3.3645510	75 3.3756636
36	3.3296012	96 3.3416323	56 3.3533391	17 3.3647386	76 3.3758464
37	3.3298045	97 3.3418301	57 3.3535316	18 3.3649260	77 3.3760292
38	3.3300077	98 3.3420277	58 3.3537239	19 3.3651134	78 3.3762118
39	3.3302108	99 3.3422252	59 3.3539162	20 3.3652997	79 3.3763944
40	3.3304138	2200 3.3424227	60 3.3541084	21 3.3654880	80 3.3765769
41	3.3306167	1 3.3426200	61 3.3543006	22 3.3656751	81 3.3767594
42	3.3308195	2 3.3428173	62 3.3544926	23 3.3658622	82 3.3769415
43	3.3310222	3 3.3430145	63 3.3546845	24 3.3660492	83 3.3771240
44	3.3312248	4 3.3432116	64 3.3548764	25 3.3662361	84 3.3773062
45	3.3314273	5 3.3434086	65 3.3550682	26 3.3664230	85 3.3774884
46	3.3316297	6 3.3436055	66 3.3552599	27 3.3666097	86 3.3776704
47	3.3318320	7 3.3438023	67 3.3554515	28 3.3667954	87 3.3778524
48	3.3320343	8 3.3440000	68 3.3556430	29 3.3669810	88 3.3780343
49	3.3322364	9 3.3441977	69 3.3558345	30 3.3671665	89 3.3782161
50	3.3324385	10 3.3443952	70 3.3560259	31 3.3673520	90 3.3783979
51	3.3326404	11 3.3445927	71 3.3562171	32 3.3675375	91 3.3785796
52	3.3328423	12 3.3447891	72 3.3564083	33 3.3677228	92 3.3787612
53	3.3330440	13 3.3449814	73 3.3565994	34 3.3679078	93 3.3789427
54	3.3332457	14 3.3451776	74 3.3567905	35 3.3680927	94 3.3791241
55	3.3334473	15 3.3453737	75 3.3569814	36 3.3682780	95 3.3793055
56	3.3336488	16 3.3455698	76 3.3571723	37 3.3684628	96 3.3794868
57	3.3338501	17 3.3457657	77 3.3573630	38 3.3686475	97 3.3796680
58	3.3340514	18 3.3459615	78 3.3575537	39 3.3688345	98 3.3798492
59	3.3342526	19 3.3461573	79 3.3577443	40 3.3690202	99 3.3800304

secū da.	Gr. Mi. O. 40.	Gr. Mi. O. 41.	Gr. Mi. O. 42.	Gr. Mi. O. 43.	Gr. Mi. O. 44.
	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
2400	3.3802112	2460 3.3903551	2520 3.4014005	2580 3.4116197	2640 3.4216039
1	3.3803922	61 3.3911116	21 3.4015728	81 3.4117880	41 3.4217684
2	3.3805710	62 3.3912830	22 3.4017451	82 3.4119562	42 3.4219328
3	3.3807536	63 3.3914544	23 3.4019173	83 3.4121244	43 3.4220972
4	3.3809345	64 3.3916247	24 3.4020893	84 3.4122925	44 3.4222614
5	3.3811151	65 3.3917951	25 3.4022614	85 3.4124605	45 3.4224257
6	3.3812956	66 3.3919654	26 3.4024333	86 3.4126285	46 3.4225898
7	3.3814761	67 3.3921357	27 3.4026052	87 3.4127964	47 3.4227539
8	3.3816565	68 3.3923059	28 3.4027771	88 3.4129643	48 3.4229180
9	3.3818368	69 3.3924761	29 3.4029488	89 3.4131320	49 3.4230820
10	3.3820170	70 3.3926463	30 3.4031205	90 3.4132998	50 3.4232459
11	3.3821972	71 3.3928165	31 3.4032921	91 3.4134674	51 3.4234097
12	3.3823773	72 3.3929867	32 3.4034637	92 3.4136350	52 3.4235735
13	3.3825573	73 3.3931569	33 3.4036352	93 3.4138025	53 3.4237372
14	3.3827373	74 3.3933271	34 3.4038066	94 3.4139700	54 3.4238999
15	3.3829171	75 3.3934972	35 3.4039780	95 3.4141374	55 3.4240645
16	3.3830969	76 3.3936673	36 3.4041492	96 3.4143047	56 3.4242281
17	3.3832766	77 3.3938374	37 3.4043205	97 3.4144719	57 3.4243916
18	3.3834563	78 3.3940075	38 3.4044917	98 3.4146391	58 3.4245550
19	3.3836359	79 3.3941776	39 3.4046627	99 3.4148063	59 3.4247181
20	3.3838154	80 3.3943477	40 3.4048337	2600 3.4149733	60 3.4248816
21	3.3839948	81 3.3945178	41 3.4050047	1 3.4151404	61 3.4250449
22	3.3841741	82 3.3946879	42 3.4051755	2 3.4153073	62 3.4252080
23	3.3843534	83 3.3948579	43 3.4053464	3 3.4154742	63 3.4253712
24	3.3845326	84 3.3950279	44 3.4055171	4 3.4156410	64 3.4255342
25	3.3847117	85 3.3951978	45 3.4056878	5 3.4158079	65 3.4256972
26	3.3848908	86 3.3953677	46 3.4058584	6 3.4159747	66 3.4258601
27	3.3850698	87 3.3955376	47 3.4060289	7 3.4161410	67 3.4260230
28	3.3852487	88 3.3957075	48 3.4061994	8 3.4163076	68 3.4261858
29	3.3854275	89 3.3958774	49 3.4063698	9 3.4164741	69 3.4263486
30	3.3856063	90 3.3960473	50 3.4065402	10 3.4166405	70 3.4265113
31	3.3857851	91 3.3962172	51 3.4067105	11 3.4168069	71 3.4266739
32	3.3859636	92 3.3963871	52 3.4068807	12 3.4169732	72 3.4268365
33	3.3861421	93 3.3965570	53 3.4070508	13 3.4171394	73 3.4269990
34	3.3863206	94 3.3967269	54 3.4072209	14 3.4173056	74 3.4271614
35	3.3864990	95 3.3968968	55 3.4073909	15 3.4174717	75 3.4273238
36	3.3866773	96 3.3970667	56 3.4075608	16 3.4176377	76 3.4274861
37	3.3868555	97 3.3972366	57 3.4077307	17 3.4178037	77 3.4276484
38	3.3870337	98 3.3974065	58 3.4079005	18 3.4179696	78 3.4278106
39	3.3872118	99 3.3975764	59 3.4080703	19 3.4181355	79 3.4279727
40	3.3873899	2500 3.3977463	60 3.4082400	20 3.4183012	80 3.4281348
41	3.3875678	1 3.3979162	61 3.4084096	21 3.4184670	81 3.4282968
42	3.3877457	2 3.3980861	62 3.4085791	22 3.4186327	82 3.4284588
43	3.3879235	3 3.3982560	63 3.4087486	23 3.4187983	83 3.4286207
44	3.3881014	4 3.3984259	64 3.4089180	24 3.4189638	84 3.4287825
45	3.3882792	5 3.3985957	65 3.4090874	25 3.4191293	85 3.4289443
46	3.3884569	6 3.3987656	66 3.4092567	26 3.4192947	86 3.4291060
47	3.3886347	7 3.3989354	67 3.4094260	27 3.4194601	87 3.4292677
48	3.3888124	8 3.3991053	68 3.4095953	28 3.4196255	88 3.4294293
49	3.3889901	9 3.3992751	69 3.4097646	29 3.4197909	89 3.4295908
50	3.3891678	10 3.3994450	70 3.4099339	30 3.4199562	90 3.4297523
51	3.3893455	11 3.3996148	71 3.4101031	31 3.4201216	91 3.4299137
52	3.3895232	12 3.3997847	72 3.4102500	32 3.4202869	92 3.4300750
53	3.3897009	13 3.3999545	73 3.4103969	33 3.4204522	93 3.4302364
54	3.3898786	14 3.4001244	74 3.4105437	34 3.4206175	94 3.4303976
55	3.3900563	15 3.4002942	75 3.4106906	35 3.4207828	95 3.4305588
56	3.3902340	16 3.4004640	76 3.4108374	36 3.4209480	96 3.4307199
57	3.3904117	17 3.4006338	77 3.4109843	37 3.42111	

secū da.	Gr. Mi. o. 55.	Gr. Mi. o. 56.	Gr. Mi. o. 57.	Gr. Mi. o. 58.	Gr. Mi. o. 59.
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
3300	3.5185137	3360	3.5263393	3420	3.5340261
1	3.5186455	61	3.5264695	21	3.5341531
2	3.5187771	62	3.5265977	22	3.5342800
3	3.5189089	63	3.5267209	23	3.5344069
4	3.5190400	64	3.5268560	24	3.5345338
5	3.5191715	65	3.5269851	25	3.5346606
6	3.5193029	66	3.5271141	26	3.5347874
7	3.5194344	67	3.5272431	27	3.5349141
8	3.5195655	68	3.5273721	28	3.5350408
9	3.5196970	69	3.5275010	29	3.5351675
10	3.5198280	70	3.5276299	30	3.5352941
11	3.5199592	71	3.5277588	31	3.5354207
12	3.5200903	72	3.5278876	32	3.5355473
13	3.5202214	73	3.5280163	33	3.5356738
14	3.5203525	74	3.5281451	34	3.5358003
15	3.5204835	75	3.5282738	35	3.5359267
16	3.5206145	76	3.5284024	36	3.5360532
17	3.5207455	77	3.5285311	37	3.5361795
18	3.5208764	78	3.5286596	38	3.5363059
19	3.5210073	79	3.5287882	39	3.5364322
20	3.5211381	80	3.5289167	40	3.5365584
21	3.5212689	81	3.5290452	41	3.5366847
22	3.5213996	82	3.5291736	42	3.5368109
23	3.5215303	83	3.5293020	43	3.5369370
24	3.5216611	84	3.5294303	44	3.5370631
25	3.5217916	85	3.5295587	45	3.5371892
26	3.5219222	86	3.5296870	46	3.5373153
27	3.5220528	87	3.5298152	47	3.5374413
28	3.5221833	88	3.5299434	48	3.5375672
29	3.5223138	89	3.5300716	49	3.5376931
30	3.5224442	90	3.5301997	50	3.5378191
31	3.5225746	91	3.5303278	51	3.5379450
32	3.5227050	92	3.5304558	52	3.5380708
33	3.5228355	93	3.5305839	53	3.5381966
34	3.5229656	94	3.5307118	54	3.5383223
35	3.5230958	95	3.5308398	55	3.5384481
36	3.5232260	96	3.5309677	56	3.5385737
37	3.5233562	97	3.5310955	57	3.5386994
38	3.5234865	98	3.5312234	58	3.5388250
39	3.5236164	99	3.5313512	59	3.5389506
40	3.5237465	3400	3.5314789	60	3.5390761
41	3.5238765	1	3.5316066	61	3.5392016
42	3.5240064	2	3.5317343	62	3.5393271
43	3.5241366	3	3.5318619	63	3.5394525
44	3.5242663	4	3.5319895	64	3.5395779
45	3.5243961	5	3.5321171	65	3.5397032
46	3.5245259	6	3.5322446	66	3.5398286
47	3.5246557	7	3.5323721	67	3.5399538
48	3.5247854	8	3.5324996	68	3.5400791
49	3.5249151	9	3.5326270	69	3.5402043
50	3.5250448	10	3.5327544	70	3.5403295
51	3.5251744	11	3.5328819	71	3.5404546
52	3.5253041	12	3.5330090	72	3.5405797
53	3.5254338	13	3.5331363	73	3.5407048
54	3.5255631	14	3.5332635	74	3.5408298
55	3.5256925	15	3.5333907	75	3.5409548
56	3.5258219	16	3.5335179	76	3.5410798
57	3.5259513	17	3.5336450	77	3.5412047
58	3.5260807	18	3.5337721	78	3.5413296
59	3.5262100	19	3.5338991	79	3.5414544
60	3.5263393	20	3.5340261	80	3.5415792
61	3.5264685	21	3.5341531	81	3.5417040
62	3.5265977	22	3.5342800	82	3.5418288
63	3.5267269	23	3.5344069	83	3.5419535
64	3.5268560	24	3.5345338	84	3.5420781
65	3.5269851	25	3.5346606	85	3.5422028
66	3.5271141	26	3.5347874	86	3.5423274
67	3.5272431	27	3.5349141	87	3.5424519
68	3.5273721	28	3.5350408	88	3.5425765
69	3.5275010	29	3.5351675	89	3.5427010
70	3.5276299	30	3.5352941	90	3.5428254
71	3.5277588	31	3.5354207	91	3.5429498
72	3.5278876	32	3.5355473	92	3.5430742
73	3.5280163	33	3.5356738	93	3.5431986
74	3.5281451	34	3.5358003	94	3.5433229
75	3.5282738	35	3.5359267	95	3.5434472
76	3.5284024	36	3.5360532	96	3.5435714
77	3.5285311	37	3.5361795	97	3.5436956
78	3.5286596	38	3.5363059	98	3.5438198
79	3.5287882	39	3.5364322	99	3.5439439
80	3.5289167	40	3.5365584	60	3.5440680
81	3.5290452	41	3.5366847	1	3.5441921
82	3.5291736	42	3.5368109	2	3.5443161
83	3.5293020	43	3.5369370	3	3.5444401
84	3.5294303	44	3.5370631	4	3.5445641
85	3.5295587	45	3.5371892	5	3.5446881
86	3.5296870	46	3.5373153	6	3.5448119
87	3.5298152	47	3.5374413	7	3.5449355
88	3.5299434	48	3.5375672	8	3.5450596
89	3.5300716	49	3.5376931	9	3.5451834
90	3.5301997	50	3.5378191	10	3.5453071
91	3.5303278	51	3.5379450	11	3.5454308
92	3.5304558	52	3.5380708	12	3.5455545
93	3.5305839	53	3.5381966	13	3.5456781
94	3.5307118	54	3.5383223	14	3.5458018
95	3.5308398	55	3.5384481	15	3.5459253
96	3.5309677	56	3.5385737	16	3.5460489
97	3.5310955	57	3.5386994	17	3.5461724
98	3.5312234	58	3.5388250	18	3.5462959
99	3.5313512	59	3.5389506	19	3.5464193
3400	3.5314789	60	3.5390761	20	3.5465427
1	3.5316066	61	3.5392016	21	3.5466660
2	3.5317343	62	3.5393271	22	3.5467894
3	3.5318619	63	3.5394525	23	3.5469126
4	3.5319895	64	3.5395779	24	3.5470359
5	3.5321171	65	3.5397032	25	3.5471591
6	3.5322446	66	3.5398286	26	3.5472823
7	3.5323721	67	3.5399538	27	3.5474055
8	3.5324996	68	3.5400791	28	3.5475286
9	3.5326270	69	3.5402043	29	3.5476517
10	3.5327544	70	3.5403295	30	3.5477747
11	3.5328819	71	3.5404546	31	3.5478977
12	3.5330090	72	3.5405797	32	3.5480207
13	3.5331363	73	3.5407048	33	3.5481436
14	3.5332635	74	3.5408298	34	3.5482665
15	3.5333907	75	3.5409548	35	3.5483894
16	3.5335179	76	3.5410798	36	3.5485122
17	3.5336450	77	3.5412047	37	3.5486351
18	3.5337721	78	3.5413296	38	3.5487578
19	3.5338991	79	3.5414544	39	3.5488806
20	3.5340261	80	3.5415792	40	3.5490033
21	3.5341531	81	3.5417040	41	3.5491259
22	3.5342800	82	3.5418288	42	3.5492486
23	3.5344069	83	3.5419535	43	3.5493712
24	3.5345338	84	3.5420781	44	3.5494937
25	3.5346606	85	3.5422028	45	3.5496162
26	3.5347874	86	3.5423274	46	3.5497387
27	3.5349141	87	3.5424519	47	3.5498612
28	3.5350408	88	3.5425765	48	3.5499837
29	3.5351675	89	3.5427010	49	3.5501060
30	3.5352941	90	3.5428254	50	3.5502283
31	3.5354207	91	3.5429498	51	3.5503507
32	3.5355473	92	3.5430742	52	3.5504730
33	3.5356738	93	3.5431986	53	3.5505952
34	3.5358003	94	3.5433229	54	3.5507174
35	3.5359267	95	3.5434472	55	3.5508396
36	3.5360532	96	3.5435714	56	3.5509618
37	3.5361795	97	3.5436956	57	3.5510839
38	3.5363059	98	3.5438198	58	3.5512059
39	3.5364322	99	3.5439439	59	3.5513280
40	3.5365584	60	3.5440680	60	3.5514500
41	3.5366847	1	3.5441921	61	3.5515720
42	3.5368109	2	3.5443161	62	3.5516939
43	3.5369370	3	3.5444401	63	3.5518158
44	3.5370631	4	3.5445641	64	3.5519377
45	3.5371892	5	3.5446881	65	3.5520595
46	3.5373153	6	3.5448119	66	3.5521813
47	3.5374413	7	3.5449355	67	3.5523031
48	3.5375672	8	3.5450596	68	3.5524248
49	3.5376931	9	3.5451834	69	3.5525465
50	3.5378191	10	3.5453071	70	3.5526682
51	3.5379450	11	3.5454308	71	3.5527899
52	3.5380708	12	3.5455545	72	3.5529114
53	3.5381966	13	3.5456781	73	3.5530330
54	3.5383223	14	3.5458018	74	3.5531545
55	3.5384481	15	3.5459253	75	3.5532760
56	3.5385737	16	3.5460489	76	3.5533975
57	3.5386994	17	3.5461724	77	3.5535189
58	3.5388250	18	3.5462959	78	3.5536403
59	3.5389506	19	3.5464193	79	3.5537617
60	3.5390761	20	3.5465427	80	3.5538830
61	3.5392016	21	3.5466660	81	3.5540043
62	3.5393271	22	3.5467894	82	3.5541256
63	3.5394525	23	3.5469126	83	3.5542468
64	3.5395779	24	3.5470359	84	3.5543680
65	3.5397032	25	3.5471591	85	3.5544892
66	3.5398286	26	3.5472823	86	3.5546103
67	3.5399538	27	3.5474055	87	3.5547314
68	3.5400791	28	3.5475286	88	3.5548524
69	3.5402043	29	3.5476517	89	3.5549735
70	3.5403295	30	3.5477747	90	3.5550944
71	3.5404546	31	3.5478977	91	3.5552154
72	3.5405797	32	3.5480207	92	3.5553363
73	3.5407048	33	3.5481436	93	3.5554572
74	3.5408298	34	3.5482665	94	3.5555781
75	3.5409548	35	3.5483894	95	3.5556989
76	3.5410798	36	3.5485122	96	3.5558197
77	3.5412047	37	3.5486351	97	3.5559405
78	3.5413296	38	3.5487578	98	3.5560612
79	3.5414544	39			

secū Gr. M.		Gr. M.		Gr. M.		Gr. M.		Gr. M.	
da.	I. 5.	I. 6.	I. 7.	I. 8.	I. 9.	I. 10.	I. 11.	I. 12.	I. 13.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
1	3.5910645	596	3.5976952	4020	3.6042261	4020	3.6106662	4140	3.6170005
2	3.5911752	61	3.5978049	21	3.6043358	81	3.6107759	41	3.6171102
3	3.5912859	62	3.5979146	22	3.6044455	82	3.6108856	42	3.6172200
4	3.5913966	63	3.5980243	23	3.6045552	83	3.6109953	43	3.6173297
5	3.5915073	64	3.5981340	24	3.6046649	84	3.6111050	44	3.6174394
6	3.5916180	65	3.5982437	25	3.6047746	85	3.6112147	45	3.6175491
7	3.5917287	66	3.5983534	26	3.6048843	86	3.6113244	46	3.6176588
8	3.5918394	67	3.5984631	27	3.6049940	87	3.6114341	47	3.6177685
9	3.5919501	68	3.5985728	28	3.6051037	88	3.6115438	48	3.6178782
10	3.5920608	69	3.5986825	29	3.6052134	89	3.6116535	49	3.6179879
11	3.5921715	70	3.5987922	30	3.6053231	90	3.6117632	50	3.6180976
12	3.5922822	71	3.5989019	31	3.6054328	91	3.6118729	51	3.6182073
13	3.5923929	72	3.5990116	32	3.6055425	92	3.6119826	52	3.6183170
14	3.5925036	73	3.5991213	33	3.6056522	93	3.6120923	53	3.6184267
15	3.5926143	74	3.5992310	34	3.6057619	94	3.6122020	54	3.6185364
16	3.5927250	75	3.5993407	35	3.6058716	95	3.6123117	55	3.6186461
17	3.5928357	76	3.5994504	36	3.6059813	96	3.6124214	56	3.6187558
18	3.5929464	77	3.5995601	37	3.6060910	97	3.6125311	57	3.6188655
19	3.5930571	78	3.5996698	38	3.6062007	98	3.6126408	58	3.6189752
20	3.5931678	79	3.5997795	39	3.6063104	99	3.6127505	59	3.6190849
21	3.5932785	80	3.5998892	40	3.6064201	100	3.6128602	60	3.6191946
22	3.5933892	81	3.5999989	41	3.6065298	1	3.6129699	21	3.6193043
23	3.5935000	82	3.6001086	42	3.6066395	2	3.6130796	22	3.6194140
24	3.5936107	83	3.6002183	43	3.6067492	3	3.6131893	23	3.6195237
25	3.5937214	84	3.6003280	44	3.6068589	4	3.6132990	24	3.6196334
26	3.5938321	85	3.6004377	45	3.6069686	5	3.6134087	25	3.6197431
27	3.5939428	86	3.6005474	46	3.6070783	6	3.6135184	26	3.6198528
28	3.5940535	87	3.6006571	47	3.6071880	7	3.6136281	27	3.6199625
29	3.5941642	88	3.6007668	48	3.6072977	8	3.6137378	28	3.6200722
30	3.5942749	89	3.6008765	49	3.6074074	9	3.6138475	29	3.6201819
31	3.5943856	90	3.6009862	50	3.6075171	10	3.6139572	30	3.6202916
32	3.5944963	91	3.6010959	51	3.6076268	11	3.6140669	31	3.6204013
33	3.5946070	92	3.6012056	52	3.6077365	12	3.6141766	32	3.6205110
34	3.5947177	93	3.6013153	53	3.6078462	13	3.6142863	33	3.6206207
35	3.5948284	94	3.6014250	54	3.6079559	14	3.6143960	34	3.6207304
36	3.5949391	95	3.6015347	55	3.6080656	15	3.6145057	35	3.6208401
37	3.5950498	96	3.6016444	56	3.6081753	16	3.6146154	36	3.6209498
38	3.5951605	97	3.6017541	57	3.6082850	17	3.6147251	37	3.6210595
39	3.5952712	98	3.6018638	58	3.6083947	18	3.6148348	38	3.6211692
40	3.5953819	99	3.6019735	59	3.6085044	19	3.6149445	39	3.6212789
41	3.5954926	1000	3.6020832	60	3.6086141	20	3.6150542	40	3.6213886
42	3.5956033	1	3.6021929	61	3.6087238	21	3.6151639	41	3.6214983
43	3.5957140	2	3.6023026	62	3.6088335	22	3.6152736	42	3.6216080
44	3.5958247	3	3.6024123	63	3.6089432	23	3.6153833	43	3.6217177
45	3.5959354	4	3.6025220	64	3.6090529	24	3.6154930	44	3.6218274
46	3.5960461	5	3.6026317	65	3.6091626	25	3.6156027	45	3.6219371
47	3.5961568	6	3.6027414	66	3.6092723	26	3.6157124	46	3.6220468
48	3.5962675	7	3.6028511	67	3.6093820	27	3.6158221	47	3.6221565
49	3.5963782	8	3.6029608	68	3.6094917	28	3.6159318	48	3.6222662
50	3.5964889	9	3.6030705	69	3.6096014	29	3.6160415	49	3.6223759
51	3.5965996	10	3.6031802	70	3.6097111	30	3.6161512	50	3.6224856
52	3.5967103	11	3.6032899	71	3.6098208	31	3.6162609	51	3.6225953
53	3.5968210	12	3.6033996	72	3.6099305	32	3.6163706	52	3.6227050
54	3.5969317	13	3.6035093	73	3.6100402	33	3.6164803	53	3.6228147
55	3.5970424	14	3.6036190	74	3.6101499	34	3.6165900	54	3.6229244
56	3.5971531	15	3.6037287	75	3.6102596	35	3.6167000	55	3.6230341
57	3.5972638	16	3.6038384	76	3.6103693	36	3.6168097	56	3.6231438
58	3.5973745	17	3.6039481	77	3.6104790	37	3.6169194	57	3.6232535
59	3.5974852	18	3.6040578	78	3.6105887	38	3.6170291	58	3.6233632
60	3.5975959	19	3.6041675	79	3.6106984	39	3.6171388	59	3.6234729
61	3.5977066	20	3.6042772	80	3.6108081	40	3.6172485	60	3.6235826
62	3.5978173	1	3.6043869	81	3.6109178	41	3.6173582	61	3.6236923
63	3.5979280	2	3.6044966	82	3.6110275	42	3.6174679	62	3.6238020
64	3.5980387	3	3.6046063	83	3.6111372	43	3.6175776	63	3.6239117
65	3.5981494	4	3.6047160	84	3.6112469	44	3.6176873	64	3.6240214
66	3.5982601	5	3.6048257	85	3.6113566	45	3.6177970	65	3.6241311
67	3.5983708	6	3.6049354	86	3.6114663	46	3.6179067	66	3.6242408
68	3.5984815	7	3.6050451	87	3.6115760	47	3.6180164	67	3.6243505
69	3.5985922	8	3.6051548	88	3.6116857	48	3.6181261	68	3.6244602
70	3.5987029	9	3.6052645	89	3.6117954	49	3.6182358	69	3.6245699
71	3.5988136	10	3.6053742	90	3.6119051	50	3.6183455	70	3.6246796
72	3.5989243	11	3.6054839	91	3.6120148	51	3.6184552	71	3.6247893
73	3.5990350	12	3.6055936	92	3.6121245	52	3.6185649	72	3.6248990
74	3.5991457	13	3.6057033	93	3.6122342	53	3.6186746	73	3.6250087
75	3.5992564	14	3.6058130	94	3.6123439	54	3.6187843	74	3.6251184
76	3.5993671	15	3.6059227	95	3.6124536	55	3.6188940	75	3.6252281
77	3.5994778	16	3.6060324	96	3.6125633	56	3.6190037	76	3.6253378
78	3.5995885	17	3.6061421	97	3.6126730	57	3.6191134	77	3.6254475
79	3.5996992	18	3.6062518	98	3.6127827	58	3.6192231	78	3.6255572
80	3.5998099	19	3.6063615	99	3.6128924	59	3.6193328	79	3.6256669
81	3.5999206	20	3.6064712	100	3.6130021	60	3.6194425	80	3.6257766
82	3.6000313	1	3.6065809	1	3.6131118	61	3.6195522	81	3.6258863
83	3.6001420	2	3.6066906	2	3.6132215	62	3.6196619	82	3.6259960
84	3.6002527	3	3.6068003	3	3.6133312	63	3.6197716	83	3.6261057
85	3.6003634	4	3.6069100	4	3.6134409	64	3.6198813	84	3.6262154
86	3.6004741	5	3.6070197	5	3.6135506	65	3.6199910	85	3.6263251
87	3.6005848	6	3.6071294	6	3.6136603	66	3.6201007	86	3.6264348
88	3.6006955	7	3.6072391	7	3.6137700	67	3.6202104	87	3.6265445
89	3.6008062	8	3.6073488	8	3.6138797	68	3.6203201	88	3.6266542
90	3.6009169	9	3.6074585	9	3.6139894	69	3.6204298	89	3.6267639
91	3.6010276	10	3.6075682	10	3.6140991	70	3.6205395	90	3.6268736
92	3.6011383	11	3.6076779	11	3.6142088	71	3.6206492	91	3.6269833
93	3.6012490	12	3.6077876	12	3.6143185	72	3.6207589	92	3.6270930
94	3.6013597	13	3.6078973	13	3.6144282	73	3.6208686	93	3.6272027
95	3.6014704	14	3.6080070	14	3.6145379	74	3.6209783	94	3.6273124
96	3.6015811	15	3.6081167	15	3.6146476	75	3.6210880	95	3.6274221
97	3.6016918	16	3.6082264	16	3.6147573	76	3.6211977	96	3.6275318
98	3.6018025	17	3.6083361	17	3.6148670	77	3.6213074	97	3.6276415
99	3.6019132	18	3.6084458	18	3.6149767	78	3.6214171	98	3.6277512
100	3.6020239	19	3.6085555	19	3.6150864	79	3.6215268	99	3.6278609
101	3.6021346	20	3.6086652	20	3.6151961	80	3.6216365	100	3.6279706
102	3.6022453	1	3.6087749	21	3.6153058	81	3.6217462	1	3.6280803
103	3.6023560	2	3.6088846	22	3.6154155	82	3.6218559	2	3.6281900
104	3.6024667	3	3.6089943	23	3.6155252	83	3.6219656	3	3.6283000
105	3.6025774	4	3.6091040	24	3.6156349	84	3.6220753	4	3.6284097
106	3.6026881	5	3.6092137	25	3.6157446	85	3.6221850	5	3.6285194
107	3.6027988	6	3.6093234	26	3.6158543	86	3.6222947	6	3.6286291
108	3.6029095	7	3.6094331	27	3.6159640	87	3.6224044	7	3.6287388
109	3.6030202	8	3.6095428	28	3.6160737	88	3.6225141	8	3.6288485
110	3.6031309	9	3.6096525	29	3.6161834	89	3.6226238	9	3.6289582
111	3.6032416	10	3.609						

Secū da.	Gr. Mi. I. 15	Gr. Mi. I. 16	Gr. Mi. I. 17	Gr. Mi. I. 18	Gr. Mi. I. 19
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
1	3.6532125	4500	3.6589648	4620	3.6646420
2	3.6533900	61	3.6590661	21	3.6647360
3	3.6534255	62	3.6591553	22	3.6648299
4	3.6535019	63	3.6592505	23	3.6649239
5	3.6535934	64	3.6593456	24	3.6650178
6	3.6536928	65	3.6594408	25	3.6651117
7	3.6537912	66	3.6595359	26	3.6652056
8	3.6538876	67	3.6596310	27	3.6652995
9	3.6539839	68	3.6597261	28	3.6653933
10	3.6540802	69	3.6598212	29	3.6654872
11	3.6541765	70	3.6599162	30	3.6655810
12	3.6542728	71	3.6600112	31	3.6656748
13	3.6543691	72	3.6601062	32	3.6657685
14	3.6544653	73	3.6602012	33	3.6658623
15	3.6545616	74	3.6602962	34	3.6659560
16	3.6546578	75	3.6603911	35	3.6660497
17	3.6547539	76	3.6604860	36	3.6661434
18	3.6548502	77	3.6605809	37	3.6662371
19	3.6549464	78	3.6606758	38	3.6663307
20	3.6550423	79	3.6607706	39	3.6664244
21	3.6551384	80	3.6608655	40	3.6665180
22	3.6552345	81	3.6609603	41	3.6666116
23	3.6553306	82	3.6610551	42	3.6667051
24	3.6554266	83	3.6611499	43	3.6667987
25	3.6555226	84	3.6612446	44	3.6668922
26	3.6556186	85	3.6613393	45	3.6669857
27	3.6557145	86	3.6614340	46	3.6670792
28	3.6558105	87	3.6615287	47	3.6671727
29	3.6559064	88	3.6616234	48	3.6672661
30	3.6560023	89	3.6617181	49	3.6673595
31	3.6560982	90	3.6618127	50	3.6674530
32	3.6561941	91	3.6619073	51	3.6675463
33	3.6562900	92	3.6620019	52	3.6676397
34	3.6563857	93	3.6620964	53	3.6677331
35	3.6564815	94	3.6621910	54	3.6678264
36	3.6565773	95	3.6622855	55	3.6679197
37	3.6566730	96	3.6623800	56	3.6680130
38	3.6567688	97	3.6624745	57	3.6681062
39	3.6568645	98	3.6625690	58	3.6681995
40	3.6569602	99	3.6626634	59	3.6682927
41	3.6570559	4600	3.6627578	60	3.6683859
42	3.6571515	1	3.6628522	61	3.6684791
43	3.6572472	2	3.6629466	62	3.6685723
44	3.6573427	3	3.6630410	63	3.6686654
45	3.6574383	4	3.6631353	64	3.6687585
46	3.6575339	5	3.6632296	65	3.6688516
47	3.6576294	6	3.6633239	66	3.6689447
48	3.6577250	7	3.6634182	67	3.6690378
49	3.6578205	8	3.6635125	68	3.6691309
50	3.6579159	9	3.6636067	69	3.6692239
51	3.6580114	10	3.6637009	70	3.6693169
52	3.6581068	11	3.6637951	71	3.6694099
53	3.6582023	12	3.6638893	72	3.6695028
54	3.6582976	13	3.6639835	73	3.6695958
55	3.6583930	14	3.6640776	74	3.6696887
56	3.6584884	15	3.6641717	75	3.6697816
57	3.6585837	16	3.6642658	76	3.6698745
58	3.6586790	17	3.6643599	77	3.6699674
59	3.6587743	18	3.6644540	78	3.6700602
60	3.6588696	19	3.6645480	79	3.6701530
61	3.6589648	20	3.6646420	80	3.6702459
62	3.6590600	21	3.6647360	81	3.6703386
63	3.6591551	22	3.6648299	82	3.6704314
64	3.6592502	23	3.6649239	83	3.6705242
65	3.6593453	24	3.6650178	84	3.6706169
66	3.6594404	25	3.6651117	85	3.6707095
67	3.6595355	26	3.6652056	86	3.6708023
68	3.6596306	27	3.6652995	87	3.6708950
69	3.6597257	28	3.6653933	88	3.6709876
70	3.6598208	29	3.6654872	89	3.6710802
71	3.6599159	30	3.6655810	90	3.6711728
72	3.6599910	31	3.6656748	91	3.6712654
73	3.6600761	32	3.6657685	92	3.6713580
74	3.6601612	33	3.6658623	93	3.6714506
75	3.6602463	34	3.6659560	94	3.6715431
76	3.6603314	35	3.6660497	95	3.6716357
77	3.6604165	36	3.6661434	96	3.6717282
78	3.6605016	37	3.6662371	97	3.6718207
79	3.6605867	38	3.6663307	98	3.6719132
80	3.6606718	39	3.6664244	99	3.6720057
81	3.6607569	40	3.6665180	4700	3.6720982
82	3.6608420	41	3.6666116	1	3.6721907
83	3.6609271	42	3.6667051	2	3.6722832
84	3.6610122	43	3.6667987	3	3.6723757
85	3.6610973	44	3.6668922	4	3.6724682
86	3.6611824	45	3.6669857	5	3.6725607
87	3.6612675	46	3.6670792	6	3.6726532
88	3.6613526	47	3.6671727	7	3.6727457
89	3.6614377	48	3.6672661	8	3.6728382
90	3.6615228	49	3.6673595	9	3.6729307
91	3.6616079	50	3.6674530	10	3.6730232
92	3.6616930	51	3.6675463	11	3.6731157
93	3.6617781	52	3.6676397	12	3.6732082
94	3.6618632	53	3.6677331	13	3.6733007
95	3.6619483	54	3.6678264	14	3.6733932
96	3.6620334	55	3.6679197	15	3.6734857
97	3.6621185	56	3.6680130	16	3.6735782
98	3.6622036	57	3.6681062	17	3.6736707
99	3.6622887	58	3.6681995	18	3.6737632
4000	3.6623738	59	3.6682927	19	3.6738557
1	3.6624589	60	3.6683859	20	3.6739482
2	3.6625440	61	3.6684791	21	3.6740407
3	3.6626291	62	3.6685723	22	3.6741332
4	3.6627142	63	3.6686654	23	3.6742257
5	3.6627993	64	3.6687585	24	3.6743182
6	3.6628844	65	3.6688516	25	3.6744107
7	3.6629695	66	3.6689447	26	3.6745032
8	3.6630546	67	3.6690378	27	3.6745957
9	3.6631397	68	3.6691309	28	3.6746882
10	3.6632248	69	3.6692239	29	3.6747807
11	3.6633099	70	3.6693169	30	3.6748732
12	3.6633950	71	3.6694099	31	3.6749657
13	3.6634801	72	3.6695028	32	3.6750582
14	3.6635652	73	3.6695958	33	3.6751507
15	3.6636503	74	3.6696887	34	3.6752432
16	3.6637354	75	3.6697816	35	3.6753357
17	3.6638205	76	3.6698745	36	3.6754282
18	3.6639056	77	3.6699674	37	3.6755207
19	3.6639907	78	3.6700602	38	3.6756132
20	3.6640758	79	3.6701530	39	3.6757057
21	3.6641609	80	3.6702459	40	3.6757982
22	3.6642460	81	3.6703386	41	3.6758907
23	3.6643311	82	3.6704314	42	3.6759832
24	3.6644162	83	3.6705242	43	3.6760757
25	3.6645013	84	3.6706169	44	3.6761682
26	3.6645864	85	3.6707095	45	3.6762607
27	3.6646715	86	3.6708023	46	3.6763532
28	3.6647566	87	3.6708950	47	3.6764457
29	3.6648417	88	3.6709876	48	3.6765382
30	3.6649268	89	3.6710802	49	3.6766307
31	3.6650119	90	3.6711728	50	3.6767232
32	3.6650970	91	3.6712654	51	3.6768157
33	3.6651821	92	3.6713580	52	3.6769082
34	3.6652672	93	3.6714506	53	3.6769907
35	3.6653523	94	3.6715431	54	3.6770832
36	3.6654374	95	3.6716357	55	3.6771757
37	3.6655225	96	3.6717282	56	3.6772682
38	3.6656076	97	3.6718207	57	3.6773607
39	3.6656927	98	3.6719132	58	3.6774532
40	3.6657778	99	3.6720057	59	3.6775457

Secū da.	Gr. Mi. I. 20	Gr. Mi. I. 21	Gr. Mi. I. 22	Gr. Mi. I. 23	Gr. Mi. I. 24
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
4800	3.6812412	4860	3.6869363	4920	3.6926314
1	3.6813317	61	3.6870268	21	3.6927219
2	3.6814222	62	3.6871173	22	3.6928124
3	3.6815127	63	3.6872078	23	3.6929029
4	3.6816032	64	3.6872983	24	3.6929934
5	3.6816937	65	3.6873888	25	3.6930839
6	3.6817842	66	3.6874793	26	3.6931744
7	3.6818747	67	3.6875698	27	3.6932649
8	3.6819652	68	3.6876603	28	3.6933554
9	3.6820557	69	3.6877508	29	3.6934459
10	3.6821462	70	3.6878413	30	3.6935364
11	3.6822367	71	3.6879318	31	3.6936269
12	3.6823272	72	3.6880223	32	3.6937174
13	3.6824177	73	3.6881128	33	3.6938079
14	3.6825082	74	3.6882033	34	3.6938984
15	3.6825987	75	3.6882938	35	3.6939889
16	3.6826892	76	3.6883843	36	3.6940794
17	3.6827797	77	3.6884748	37	3.6941699
18	3.68287				

secū Gr. Mi.		Gr. Mi.		Gr. Mi.		Gr. Mi.		Gr. Mi.	
da. I. 25.		I. 26.		I. 27.		I. 28.		I. 29.	
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
100	3.7075702	110	3.7126497	120	3.7176705	130	3.7226339	140	3.7275413
1	3.7076553	61	3.7127339	21	3.7177537	31	3.7227162	41	3.7276226
2	3.7077405	62	3.7128180	22	3.7178369	32	3.7227984	42	3.7277039
3	3.7078256	63	3.7129021	23	3.7179200	33	3.7228806	43	3.7277852
4	3.7079107	64	3.7129862	24	3.7180032	34	3.7229628	44	3.7278664
5	3.7079957	65	3.7130703	25	3.7180863	35	3.7230450	45	3.7279477
6	3.7080808	66	3.7131544	26	3.7181694	36	3.7231272	46	3.7280290
7	3.7081659	67	3.7132385	27	3.7182525	37	3.7232093	47	3.7281102
8	3.7082509	68	3.7133225	28	3.7183356	38	3.7232914	48	3.7281914
9	3.7083359	69	3.7134065	29	3.7184186	39	3.7233736	49	3.7282726
10	3.7084209	70	3.7134905	30	3.7185017	40	3.7234557	50	3.7283538
11	3.7085059	71	3.7135745	31	3.7185847	41	3.7235378	51	3.7284349
12	3.7085909	72	3.7136585	32	3.7186677	42	3.7236199	52	3.7285161
13	3.7086758	73	3.7137425	33	3.7187507	43	3.7237019	53	3.7285972
14	3.7087607	74	3.7138264	34	3.7188337	44	3.7237839	54	3.7286784
15	3.7088456	75	3.7139104	35	3.7189167	45	3.7238660	55	3.7287595
16	3.7089305	76	3.7139943	36	3.7189996	46	3.7239480	56	3.7288406
17	3.7090154	77	3.7140782	37	3.7190826	47	3.7240300	57	3.7289216
18	3.7091003	78	3.7141620	38	3.7191655	48	3.7241120	58	3.7290027
19	3.7091851	79	3.7142459	39	3.7192484	49	3.7241939	59	3.7290838
20	3.7092700	80	3.7143298	40	3.7193313	50	3.7242758	60	3.7291648
21	3.7093548	81	3.7144136	41	3.7194142	1	3.7243578	61	3.7292458
22	3.7094396	82	3.7144974	42	3.7194970	2	3.7244397	62	3.7293268
23	3.7095244	83	3.7145812	43	3.7195799	3	3.7245216	63	3.7294078
24	3.7096091	84	3.7146650	44	3.7196627	4	3.7246035	64	3.7294888
25	3.7096939	85	3.7147488	45	3.7197455	5	3.7246854	65	3.7295697
26	3.7097786	86	3.7148325	46	3.7198283	6	3.7247672	66	3.7296506
27	3.7098633	87	3.7149162	47	3.7199111	7	3.7248491	67	3.7297316
28	3.7099480	88	3.7150000	48	3.7199938	8	3.7249309	68	3.7298125
29	3.7100327	89	3.7150837	49	3.7200766	9	3.7250127	69	3.7298934
30	3.7101174	90	3.7151674	50	3.7201593	10	3.7250945	70	3.7299743
31	3.7102020	91	3.7152510	51	3.7202420	11	3.7251763	71	3.7300551
32	3.7102866	92	3.7153347	52	3.7203247	12	3.7252581	72	3.7301360
33	3.7103713	93	3.7154183	53	3.7204074	13	3.7253398	73	3.7302168
34	3.7104559	94	3.7155019	54	3.7204901	14	3.7254215	74	3.7302977
35	3.7105404	95	3.7155856	55	3.7205727	15	3.7255033	75	3.7303785
36	3.7106250	96	3.7156692	56	3.7206554	16	3.7255850	76	3.7304593
37	3.7107096	97	3.7157527	57	3.7207380	17	3.7256667	77	3.7305400
38	3.7107941	98	3.7158363	58	3.7208206	18	3.7257483	78	3.7306208
39	3.7108786	99	3.7159198	59	3.7209032	19	3.7258300	79	3.7307015
40	3.7109631	5200	3.7160033	60	3.7209857	20	3.7259116	80	3.7307823
41	3.7110476	1	3.7160869	61	3.7210683	21	3.7259933	81	3.7308630
42	3.7111321	2	3.7161703	62	3.7211508	22	3.7260749	82	3.7309437
43	3.7112165	3	3.7162538	63	3.7212334	23	3.7261565	83	3.7310244
44	3.7113010	4	3.7163373	64	3.7213159	24	3.7262380	84	3.7311051
45	3.7113854	5	3.7164207	65	3.7213984	25	3.7263196	85	3.7311857
46	3.7114698	6	3.7165042	66	3.7214809	26	3.7264012	86	3.7312663
47	3.7115542	7	3.7165876	67	3.7215633	27	3.7264827	87	3.7313470
48	3.7116385	8	3.7166710	68	3.7216458	28	3.7265642	88	3.7314276
49	3.7117229	9	3.7167544	69	3.7217282	29	3.7266457	89	3.7315082
50	3.7118072	10	3.7168377	70	3.7218106	30	3.7267272	90	3.7315888
51	3.7118915	11	3.7169211	71	3.7218930	31	3.7268087	91	3.7316693
52	3.7119759	12	3.7170044	72	3.7219754	32	3.7268901	92	3.7317499
53	3.7120601	13	3.7170877	73	3.7220578	33	3.7269716	93	3.7318304
54	3.7121444	14	3.7171710	74	3.7221401	34	3.7270530	94	3.7319109
55	3.7122287	15	3.7172543	75	3.7222225	35	3.7271344	95	3.7319914
56	3.7123129	16	3.7173376	76	3.7223048	36	3.7272158	96	3.7320719
57	3.7123971	17	3.7174208	77	3.7223871	37	3.7272972	97	3.7321524
58	3.7124813	18	3.7175041	78	3.7224694	38	3.7273786	98	3.7322329
59	3.7125655	19	3.7175873	79	3.7225517	39	3.7274599	99	3.7323133

secū Gr. Mi.		Gr. Mi.		Gr. Mi.		Gr. Mi.		Gr. Mi.	
da. I. 30.		I. 31.		I. 32.		I. 33.		I. 34.	
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
5400	3.7323938	5460	3.7371926	5520	3.7419391	5580	3.7466842	5640	3.7514291
1	3.7324742	61	3.7372722	21	3.7420177	81	3.7467120	41	3.7515561
2	3.7325546	62	3.7373517	22	3.7420964	82	3.7467808	42	3.7516331
3	3.7326350	63	3.7374312	23	3.7421750	83	3.7468496	43	3.7517100
4	3.7327153	64	3.7375107	24	3.7422537	84	3.7469184	44	3.7517869
5	3.7327957	65	3.7375902	25	3.7423323	85	3.7469872	45	3.7518639
6	3.7328760	66	3.7376696	26	3.7424109	86	3.7470560	46	3.7519408
7	3.7329564	67	3.7377491	27	3.7424895	87	3.7471248	47	3.7520178
8	3.7330367	68	3.7378285	28	3.7425680	88	3.7471936	48	3.7520947
9	3.7331170	69	3.7379079	29	3.7426466	89	3.7472624	49	3.7521717
10	3.7331973	70	3.7379873	30	3.7427251	90	3.7473312	50	3.7522486
11	3.7332775	71	3.7380667	31	3.7428037	91	3.7474000	51	3.7523255
12	3.7333578	72	3.7381461	32	3.7428822	92	3.7474688	52	3.7524024
13	3.7334380	73	3.7382254	33	3.7429607	93	3.7475376	53	3.7524793
14	3.7335182	74	3.7383048	34	3.7430392	94	3.7476064	54	3.7525562
15	3.7335984	75	3.7383841	35	3.7431176	95	3.7476752	55	3.7526331
16	3.7336787	76	3.7384634	36	3.7431960	96	3.7477440	56	3.7527100
17	3.7337589	77	3.7385427	37	3.7432744	97	3.7478128	57	3.7527869
18	3.7338391	78	3.7386220	38	3.7433528	98	3.7478816	58	3.7528638
19	3.7339193	79	3.7387013	39	3.7434312	99	3.7479504	59	3.7529407
20	3.7339995	80	3.7387806	40	3.7435096	5600	3.7480192	60	3.7530176
21	3.7340797	81	3.7388598	41	3.7435880	1	3.7480880	61	3.7530945
22	3.7341599	82	3.7389390	42	3.7436664	2	3.7481568	62	3.7531714
23	3.7342392	83	3.7390182	43	3.7437448	3	3.7482256	63	3.7532483
24	3.7343184	84	3.7390974	44	3.7438232	4	3.7482944	64	3.7533252
25	3.7343977	85	3.7391766	45	3.7439016	5	3.7483632	65	3.7534021
26	3.7344769	86	3.7392558	46	3.7439799	6	3.7484320	66	3.7534790
27	3.7345561	87	3.7393350	47	3.7440582	7	3.7485008	67	3.7535559
28	3.7346353	88	3.7394141	48	3.7441365	8	3.7485696	68	3.7536328
29	3.7347145	89	3.7394932	49	3.7442148	9	3.7486384	69	3.7537097
30	3.7347937	90	3.7395723	50	3.7442930	10	3.7487072	70	3.7537866
31	3.7348729	91	3.7396514	51	3.7443712	11	3.7487760	71	3.7538635
32	3.7349521	92	3.7397305	52	3.7444494	12	3.7488448	72	3.7539404
33	3.7350312	93	3.7398096	53	3.7445277	13	3.7489136	73	3.7540173
34	3.7351104	94	3.7398886	54	3.7446059	14	3.7489824	74	3.7540942
35	3.7351895	95	3.7399677	55	3.7446841	15	3.7490512	75	3.7541711
36	3.7352687	96	3.7400467	56	3.7447622	16	3.7491200	76	3.7542480
37	3.7353478	97	3.7401257	57	3.7448404	17	3.7491888	77	3.7543249
38	3.7354269	98	3.7402047	58	3.7449185	18	3.7492576	78	3.7544018
39	3.7355060	99	3.7402837	59	3.7449966	19	3.7493264	79	3.7544787
40	3.7355851	5500	3.7403627	60	3.7450748	20	3.7493952	80	3.7545556
41	3.7356642	1	3.7404416	61	3.7451529	21	3.7494640	81	3.7546325
42	3.7357433	2	3.7405206	62	3.7452310	22	3.7495328	82	3.7547094
43	3.7358223	3	3.7405995	63	3.7453091	23	3.7496016	83	3.7547863
44	3.7359013	4	3.7406784	64	3.7453872	24	3.7496704	84	3.7548632
45	3.7359803	5	3.7407573	65	3.7454652	25	3.7497392	85	3.7549401
46	3.7360592	6	3.7408362	66	3.7455432	26	3.7498080	86	3.7550170
47	3.7361382	7	3.74						

secū Gr. Mi. Gr. Mi. Gr. Mi. Gr. Mi. Gr. Mi.
da. i. 35. I. 36. I. 37. I. 38. I. 39.

Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
3700 3.7558749	5760 3.7604225	5820 3.7649230	5880 3.7693773	5940 3.7737864
1 3.7559510	61 3.7604979	21 3.7649976	81 3.7694512	41 3.7738596
2 3.7560272	62 3.7605733	22 3.7650722	82 3.7695250	42 3.7739326
3 3.7561034	63 3.7606486	23 3.7651408	83 3.7695988	43 3.7740057
4 3.7561795	64 3.7607240	24 3.7652114	84 3.7696727	44 3.7740788
5 3.7562555	65 3.7607993	25 3.7652859	85 3.7697465	45 3.7741519
6 3.7563318	66 3.7608746	26 3.7653705	86 3.7698203	46 3.7742249
7 3.7564079	67 3.7609500	27 3.7654450	87 3.7698940	47 3.7742979
8 3.7564840	68 3.7610253	28 3.7655195	88 3.7699678	48 3.7743710
9 3.7565600	69 3.7611005	29 3.7655941	89 3.7700416	49 3.7744440
10 3.7566361	70 3.7611758	30 3.7656686	90 3.7701153	50 3.7745170
11 3.7567122	71 3.7612511	31 3.7657430	91 3.7701890	51 3.7745900
12 3.7567883	72 3.7613263	32 3.7658175	92 3.7702627	52 3.7746629
13 3.7568644	73 3.7614016	33 3.7658920	93 3.7703364	53 3.7747359
14 3.7569404	74 3.7614768	34 3.7659664	94 3.7704101	54 3.7748088
15 3.7570164	75 3.7615520	35 3.7660409	95 3.7704838	55 3.7748818
16 3.7570924	76 3.7616272	36 3.7661153	96 3.7705575	56 3.7749547
17 3.7571682	77 3.7617024	37 3.7661897	97 3.7706311	57 3.7750276
18 3.7572441	78 3.7617775	38 3.7662641	98 3.7707048	58 3.7751005
19 3.7573201	79 3.7618527	39 3.7663385	99 3.7707784	59 3.7751734
20 3.7573960	80 3.7619278	40 3.7664128	5900 3.7708520	60 3.7752463
21 3.7574719	81 3.7620030	41 3.7664872	1 3.7709256	61 3.7753191
22 3.7575479	82 3.7620781	42 3.7665616	2 3.7709992	62 3.7753920
23 3.7576237	83 3.7621532	43 3.7666359	3 3.7710728	63 3.7754648
24 3.7576996	84 3.7622283	44 3.7667102	4 3.7711465	64 3.7755376
25 3.7577755	85 3.7623034	45 3.7667845	5 3.7712201	65 3.7756104
26 3.7578513	86 3.7623785	46 3.7668588	6 3.7712934	66 3.7756832
27 3.7579272	87 3.7624535	47 3.7669331	7 3.7713670	67 3.7757560
28 3.7580030	88 3.7625285	48 3.7670074	8 3.7714405	68 3.7758288
29 3.7580788	89 3.7626035	49 3.7670816	9 3.7715140	69 3.7759016
30 3.7581546	90 3.7626786	50 3.7671559	10 3.7715875	70 3.7759744
31 3.7582304	91 3.7627536	51 3.7672301	11 3.7716610	71 3.7760471
32 3.7583062	92 3.7628286	52 3.7673043	12 3.7717344	72 3.7761198
33 3.7583819	93 3.7629035	53 3.7673785	13 3.7718079	73 3.7761925
34 3.7584577	94 3.7629785	54 3.7674527	14 3.7718813	74 3.7762652
35 3.7585334	95 3.7630534	55 3.7675269	15 3.7719547	75 3.7763379
36 3.7586091	96 3.7631284	56 3.7676011	16 3.7720282	76 3.7764106
37 3.7586848	97 3.7632033	57 3.7676752	17 3.7721016	77 3.7764833
38 3.7587605	98 3.7632782	58 3.7677494	18 3.7721750	78 3.7765559
39 3.7588362	99 3.7633531	59 3.7678235	19 3.7722483	79 3.7766286
40 3.7589119	5800 3.7634280	60 3.7678976	20 3.7723217	80 3.7767012
41 3.7589875	1 3.7635029	61 3.7679717	21 3.7723951	81 3.7767738
42 3.7590632	2 3.7635777	62 3.7680458	22 3.7724684	82 3.7768464
43 3.7591388	3 3.7636526	63 3.7681199	23 3.7725417	83 3.7769190
44 3.7592144	4 3.7637274	64 3.7681940	24 3.7726150	84 3.7769916
45 3.7592900	5 3.7638022	65 3.7682680	25 3.7726884	85 3.7770642
46 3.7593656	6 3.7638770	66 3.7683421	26 3.7727616	86 3.7771367
47 3.7594412	7 3.7639518	67 3.7684161	27 3.7728349	87 3.7772093
48 3.7595168	8 3.7640266	68 3.7684901	28 3.7729082	88 3.7772818
49 3.7595923	9 3.7641014	69 3.7685641	29 3.7729814	89 3.7773544
50 3.7596678	10 3.7641761	70 3.7686381	30 3.7730547	90 3.7774268
51 3.7597434	11 3.7642509	71 3.7687121	31 3.7731279	91 3.7774993
52 3.7598189	12 3.7643256	72 3.7687860	32 3.7732011	92 3.7775718
53 3.7598944	13 3.7644003	73 3.7688600	33 3.7732743	93 3.7776443
54 3.7599699	14 3.7644750	74 3.7689339	34 3.7733475	94 3.7777167
55 3.7600453	15 3.7645497	75 3.7690079	35 3.7734207	95 3.7777892
56 3.7601208	16 3.7646244	76 3.7690818	36 3.7734939	96 3.7778616
57 3.7601962	17 3.7646991	77 3.7691557	37 3.7735670	97 3.7779340
58 3.7602717	18 3.7647737	78 3.7692296	38 3.7736402	98 3.7780065
59 3.7603471	19 3.7648484	79 3.7693035	39 3.7737133	99 3.7780789

secū Gr. Mi. Gr. Mi. Gr. Mi. Gr. Mi. Gr. Mi.
da. i. 40. I. 41. I. 42. I. 43. I. 44.

Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
6000 3.7781512	6060 3.7824746	6120 3.7867514	6180 3.7909885	6240 3.7951846
1 3.7782256	61 3.7825489	21 3.7868244	81 3.7910587	41 3.7953542
2 3.7782999	62 3.7826231	22 3.7868987	82 3.7911329	42 3.7954283
3 3.7783743	63 3.7826976	23 3.7869730	83 3.7912070	43 3.7955024
4 3.7784487	64 3.7827720	24 3.7870473	84 3.7912811	44 3.7955765
5 3.7785230	65 3.7828463	25 3.7871216	85 3.7913552	45 3.7956506
6 3.7785973	66 3.7829206	26 3.7871959	86 3.7914293	46 3.7957247
7 3.7786716	67 3.7829949	27 3.7872702	87 3.7915034	47 3.7957988
8 3.7787459	68 3.7830692	28 3.7873445	88 3.7915775	48 3.7958729
9 3.7788202	69 3.7831435	29 3.7874188	89 3.7916516	49 3.7959470
10 3.7788945	70 3.7832178	30 3.7874931	90 3.7917257	50 3.7960211
11 3.7789688	71 3.7832921	31 3.7875674	91 3.7918000	51 3.7960952
12 3.7790431	72 3.7833664	32 3.7876417	92 3.7918741	52 3.7961693
13 3.7791174	73 3.7834407	33 3.7877160	93 3.7919484	53 3.7962434
14 3.7791917	74 3.7835150	34 3.7877903	94 3.7920225	54 3.7963175
15 3.7792660	75 3.7835893	35 3.7878646	95 3.7920966	55 3.7963916
16 3.7793403	76 3.7836636	36 3.7879389	96 3.7921707	56 3.7964657
17 3.7794146	77 3.7837379	37 3.7880132	97 3.7922448	57 3.7965398
18 3.7794889	78 3.7838122	38 3.7880875	98 3.7923189	58 3.7966139
19 3.7795632	79 3.7838865	39 3.7881618	99 3.7923930	59 3.7966880
20 3.7796375	80 3.7839608	40 3.7882361	6000 3.7924671	60 3.7967621
21 3.7797118	81 3.7840351	41 3.7883104	1 3.7925412	61 3.7968362
22 3.7797861	82 3.7841094	42 3.7883847	2 3.7926153	62 3.7969103
23 3.7798604	83 3.7841837	43 3.7884590	3 3.7926894	63 3.7969844
24 3.7799347	84 3.7842580	44 3.7885333	4 3.7927635	64 3.7970585
25 3.7799990	85 3.7843323	45 3.7886076	5 3.7928376	65 3.7971326
26 3.7800733	86 3.7844066	46 3.7886819	6 3.7929117	66 3.7972067
27 3.7801476	87 3.7844809	47 3.7887562	7 3.7929858	67 3.7972808
28 3.7802219	88 3.7845552	48 3.7888305	8 3.7930599	68 3.7973549
29 3.7802962	89 3.7846295	49 3.7889048	9 3.7931340	69 3.7974290
30 3.7803705	90 3.7847038	50 3.7889791	10 3.7932081	70 3.7975031
31 3.7804448	91 3.7847781	51 3.7890534	11 3.7932822	71 3.7975772
32 3.7805191	92 3.7848524	52 3.7891277	12 3.7933563	72 3.7976513
33 3.7805934	93 3.7849267	53 3.7892020	13 3.7934304	73 3.7977254
34 3.7806677	94 3.7849999	54 3.7892763	14 3.7935045	74 3.7977995
35 3.7807420	95 3.7850742	55 3.7893506	15 3.7935786	75 3.7978736
36 3.7808163	96 3.7851485	56 3.7894249	16 3.7936527	76 3.7979477
37 3.7808906	97 3.7852228	57 3.7894992	17 3.7937268	77 3.7980218
38 3.7809649	98 3.7852971	58 3.7895735	18 3.7938009	78 3.7980959
39 3.7810392	99 3.7853714	59 3.7896478	19 3.7938750	79 3.7981700
40 3.7811135	6000 3.7854457	60 3.7897221	20 3.7939491	80 3.7982441
41 3.7811878	1 3.7855200	61 3.7897964	21 3.7940232	81 3.7983182
42 3.7812621	2 3.7855943	62 3.7898707	22 3.7940973	82 3.7983923
43 3.7813364	3 3.7856686	63 3.7899450	23 3.7941714	83 3.7984664
44 3.7814107	4 3.7857429	64 3.7900193	24 3.7942455	84 3.7985405
45 3.7814850	5 3.7858172	65 3.7900936	25 3.7943196	85 3.7986146
46 3.7815593	6 3.7858915	66 3.7901679	26 3.7943937	86 3.7986887
47 3.7816336	7 3.7859658	67 3.7902422	27 3.7944678	87 3.7987628
48 3.7817079	8 3.7860401	68 3.7903165	28 3.7945419	88 3.7988369
49 3.7817822	9 3.7861144	69 3.7903908	29 3.7946160	89 3.7989110
50 3.7818565	10 3.7861887	70 3.7904651	30 3.7946901	90 3.7989851
51 3.7819308	11 3.7862630	71 3.7905394	31 3.7947642	91 3.7990592
52 3.7819999	12 3.7863373	72 3.7906137	32 3.7948383	92 3.7991333
53 3.7820742	13 3.7864116	73 3.7906880	33 3.7949124	93 3.7992074
54 3.7821485	14 3.7864859	74 3.7907623	34 3.7949865	94 3.7992815
55 3.7822228	15 3.7865602	75 3.7908366	35 3.7950606	95 3.7993556
56 3.7822971	16 3.7866345	76 3.7909109	36 3.7951347	96 3.7994297
57 3.7823714	17 3.7867088	77 3.7909852	37 3.7952088	97 3.7995038
58 3.7824457	18 3.7867831	78 3.7910595	38 3.7952829	98 3.7995779
59 3.7825200	19 3.7868574	79 3.7911338	39 3.7953570	99 3.7996520

secū da.	Gr. Mi. I. 45.	Gr. Mi. I. 46.	Gr. Mi. I. 47.	Gr. Mi. I. 48.	Gr. Mi. I. 49.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
6300	3.7993405	6360	3.8034571	6420	3.8075350
1	3.7994095	61	3.8035254	21	3.8076027
2	3.7994784	62	3.8035937	22	3.8076703
3	3.7995473	63	3.8036619	23	3.8077379
4	3.7996162	64	3.8037302	24	3.8078055
5	3.7996851	65	3.8037984	25	3.8078731
6	3.7997540	66	3.8038666	26	3.8079407
7	3.7998228	67	3.8039348	27	3.8080083
8	3.7998917	68	3.8040031	28	3.8080759
9	3.7999605	69	3.8040712	29	3.8081434
10	3.8000294	70	3.8041394	30	3.8082110
11	3.8000982	71	3.8042076	31	3.8082785
12	3.8001670	72	3.8042758	32	3.8083460
13	3.8002358	73	3.8043439	33	3.8084136
14	3.8003046	74	3.8044121	34	3.8084811
15	3.8003734	75	3.8044802	35	3.8085485
16	3.8004421	76	3.8045483	36	3.8086160
17	3.8005109	77	3.8046164	37	3.8086835
18	3.8005796	78	3.8046845	38	3.8087510
19	3.8006484	79	3.8047526	39	3.8088184
20	3.8007171	80	3.8048207	40	3.8088859
21	3.8007858	81	3.8048887	41	3.8089533
22	3.8008545	82	3.8049568	42	3.8090207
23	3.8009232	83	3.8050248	43	3.8090881
24	3.8009919	84	3.8050929	44	3.8091555
25	3.8010605	85	3.8051609	45	3.8092229
26	3.8011292	86	3.8052289	46	3.8092903
27	3.8011978	87	3.8052969	47	3.8093577
28	3.8012665	88	3.8053649	48	3.8094250
29	3.8013351	89	3.8054329	49	3.8094924
30	3.8014037	90	3.8055009	50	3.8095597
31	3.8014723	91	3.8055688	51	3.8096270
32	3.8015409	92	3.8056368	52	3.8096944
33	3.8016095	93	3.8057047	53	3.8097617
34	3.8016781	94	3.8057726	54	3.8098290
35	3.8017466	95	3.8058405	55	3.8098962
36	3.8018152	96	3.8059085	56	3.8099635
37	3.8018837	97	3.8059763	57	3.8100308
38	3.8019522	98	3.8060442	58	3.8100980
39	3.8020208	99	3.8061121	59	3.8101653
40	3.8020893	6400	3.8061800	60	3.8102325
41	3.8021578	1	3.8062478	61	3.8102997
42	3.8022262	2	3.8063157	62	3.8103670
43	3.8022947	3	3.8063835	63	3.8104342
44	3.8023632	4	3.8064513	64	3.8105013
45	3.8024316	5	3.8065191	65	3.8105685
46	3.8025001	6	3.8065869	66	3.8106357
47	3.8025685	7	3.8066547	67	3.8107029
48	3.8026369	8	3.8067225	68	3.8107700
49	3.8027053	9	3.8067903	69	3.8108371
50	3.8027737	10	3.8068580	70	3.8109043
51	3.8028421	11	3.8069258	71	3.8109714
52	3.8029105	12	3.8069935	72	3.8110385
53	3.8029789	13	3.8070612	73	3.8111056
54	3.8030472	14	3.8071290	74	3.8111727
55	3.8031156	15	3.8071967	75	3.8112398
56	3.8031839	16	3.8072644	76	3.8113068
57	3.8032522	17	3.8073320	77	3.8113739
58	3.8033205	18	3.8073997	78	3.8114409
59	3.8033888	19	3.8074674	79	3.8115080
600	3.8115750	6480	3.8115750	6540	3.8155777
81	3.8116420	81	3.8116420	41	3.8156441
82	3.8117090	82	3.8117090	42	3.8157105
83	3.8117760	83	3.8117760	43	3.8157769
84	3.8118430	84	3.8118430	44	3.8158433
85	3.8119100	85	3.8119100	45	3.8159096
86	3.8119769	86	3.8119769	46	3.8159760
87	3.8120439	87	3.8120439	47	3.8160423
88	3.8121108	88	3.8121108	48	3.8161087
89	3.8121778	89	3.8121778	49	3.8161750
90	3.8122447	90	3.8122447	50	3.8162413
91	3.8123116	91	3.8123116	51	3.8163076
92	3.8123785	92	3.8123785	52	3.8163739
93	3.8124454	93	3.8124454	53	3.8164402
94	3.8125123	94	3.8125123	54	3.8165064
95	3.8125792	95	3.8125792	55	3.8165727
96	3.8126460	96	3.8126460	56	3.8166389
97	3.8127129	97	3.8127129	57	3.8167052
98	3.8127797	98	3.8127797	58	3.8167714
99	3.8128465	99	3.8128465	59	3.8168376
6500	3.8129133	6500	3.8129133	60	3.8169038
1	3.8129802	1	3.8129802	61	3.8169700
2	3.8130470	2	3.8130470	62	3.8170362
3	3.8131138	3	3.8131138	63	3.8171024
4	3.8131805	4	3.8131805	64	3.8171686
5	3.8132473	5	3.8132473	65	3.8172347
6	3.8133141	6	3.8133141	66	3.8173009
7	3.8133808	7	3.8133808	67	3.8173670
8	3.8134475	8	3.8134475	68	3.8174331
9	3.8135143	9	3.8135143	69	3.8174993
10	3.8135810	10	3.8135810	70	3.8175654
11	3.8136477	11	3.8136477	71	3.8176315
12	3.8137144	12	3.8137144	72	3.8176976
13	3.8137811	13	3.8137811	73	3.8177636
14	3.8138478	14	3.8138478	74	3.8178297
15	3.8139144	15	3.8139144	75	3.8178958
16	3.8139811	16	3.8139811	76	3.8179618
17	3.8140477	17	3.8140477	77	3.8180278
18	3.8141144	18	3.8141144	78	3.8180939
19	3.8141810	19	3.8141810	79	3.8181599
20	3.8142476	20	3.8142476	80	3.8182259
21	3.8143142	21	3.8143142	81	3.8182919
22	3.8143808	22	3.8143808	82	3.8183579
23	3.8144474	23	3.8144474	83	3.8184239
24	3.8145140	24	3.8145140	84	3.8184898
25	3.8145805	25	3.8145805	85	3.8185558
26	3.8146471	26	3.8146471	86	3.8186217
27	3.8147136	27	3.8147136	87	3.8186877
28	3.8147801	28	3.8147801	88	3.8187536
29	3.8148467	29	3.8148467	89	3.8188195
30	3.8149132	30	3.8149132	90	3.8188854
31	3.8149797	31	3.8149797	91	3.8189513
32	3.8150462	32	3.8150462	92	3.8190172
33	3.8151127	33	3.8151127	93	3.8190831
34	3.8151791	34	3.8151791	94	3.8191490
35	3.8152456	35	3.8152456	95	3.8192148
36	3.8153120	36	3.8153120	96	3.8192806
37	3.8153785	37	3.8153785	97	3.8193465
38	3.8154449	38	3.8154449	98	3.8194123
39	3.8155113	39	3.8155113	99	3.8194781

secū da.	Gr. Mi. I. 50.	Gr. Mi. I. 51.	Gr. Mi. I. 52.	Gr. Mi. I. 53.	Gr. Mi. I. 54.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
6600	3.8195439	6660	3.8234742	6720	3.8273693
1	3.8196097	61	3.8235394	21	3.8274339
2	3.8196755	62	3.8236046	22	3.8274985
3	3.8197413	63	3.8236698	23	3.8275631
4	3.8198071	64	3.8237350	24	3.8276277
5	3.8198728	65	3.8238002	25	3.8276923
6	3.8199386	66	3.8238653	26	3.8277569
7	3.8199943	67	3.8239305	27	3.8278214
8	3.8200600	68	3.8239956	28	3.8278860
9	3.8201258	69	3.8240607	29	3.8279505
10	3.8201915	70	3.8241258	30	3.8280151
11	3.8202572	71	3.8241909	31	3.8280796
12	3.8203228	72	3.8242560	32	3.8281441
13	3.8203885	73	3.8243211	33	3.8282086
14	3.8204542	74	3.8243862	34	3.8282731
15	3.8205198	75	3.8244513	35	3.8283376
16	3.8205855	76	3.8245163	36	3.8284021
17	3.8206511	77	3.8245814	37	3.8284666
18	3.8207168	78	3.8246464	38	3.8285310
19	3.8207824	79	3.8247114	39	3.8285955
20	3.8208480	80	3.8247765	40	3.8286600
21	3.8209136	81	3.8248415	41	3.8287243
22	3.8209792	82	3.8249065	42	3.8287887
23	3.8210448	83	3.8249715	43	3.8288531
24	3.8211103	84	3.8250364	44	3.8289176
25	3.8211759	85	3.8251014	45	3.8289820
26	3.8212414	86	3.8251664	46	3.8290463
27	3.8213069	87	3.8252313	47	3.8291107
28	3.8213725	88	3.8252963	48	3.8291751
29	3.8214380	89	3.8253612	49	3.8292394
30	3.8215035	90	3.8254261	50	3.8293038
31	3.8215690	91	3.8254910	51	3.8293681
32	3.8216345	92	3.8255559	52	3.8294324
33	3.8217000	93	3.8256208	53	3.8294967
34	3.8217655	94	3.8256857	54	3.8295611
35	3.8218309	95	3.8257506	55	3.8296254
36	3.8218964	96	3.8258154	56	3.8296897
37	3.8219618	97	3.8258803	57	3.8297

Gr. Mi. da. 1. 55.	Gr. Mi. 1. 56.	Gr. Mi. 1. 57.	Gr. Mi. 1. 58.	Gr. Mi. 1. 59.
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
6900 3.8383491	6960 3.8426092	7020 3.8463371	7080 3.8500333	7140 3.8536982
1 3.8383122	61 3.8426716	21 3.8463990	81 3.8500946	41 3.8537590
2 3.8383745	62 3.8427340	22 3.8464608	82 3.8501559	42 3.8538198
3 3.8384369	63 3.8427964	23 3.8465227	83 3.8502172	43 3.8538806
4 3.8384993	64 3.8428588	24 3.8465845	84 3.8502786	44 3.8539414
5 3.8385617	65 3.8429211	25 3.8466463	85 3.8503399	45 3.8540022
6 3.8386241	66 3.8429835	26 3.8467081	86 3.8504011	46 3.8540630
7 3.8386865	67 3.8430458	27 3.8467700	87 3.8504624	47 3.8541238
8 3.8387489	68 3.8431081	28 3.8468318	88 3.8505237	48 3.8541845
9 3.8388113	69 3.8431705	29 3.8468935	89 3.8505850	49 3.8542453
10 3.8388737	70 3.8432328	30 3.8469553	90 3.8506464	50 3.8543060
11 3.8389361	71 3.8432951	31 3.8470171	91 3.8507075	51 3.8543668
12 3.8389985	72 3.8433574	32 3.8470789	92 3.8507687	52 3.8544275
13 3.8390609	73 3.8434197	33 3.8471406	93 3.8508300	53 3.8544882
14 3.8391233	74 3.8434819	34 3.8472024	94 3.8508912	54 3.8545489
15 3.8391857	75 3.8435442	35 3.8472641	95 3.8509524	55 3.8546096
16 3.8392481	76 3.8436065	36 3.8473258	96 3.8510136	56 3.8546703
17 3.8393105	77 3.8436688	37 3.8473876	97 3.8510748	57 3.8547310
18 3.8393729	78 3.8437310	38 3.8474493	98 3.8511360	58 3.8547917
19 3.8394353	79 3.8437932	39 3.8475110	99 3.8511972	59 3.8548524
20 3.8394977	80 3.8438554	40 3.8475727	100 3.8512583	60 3.8549130
21 3.8395601	81 3.8439176	41 3.8476344	1 3.8513195	61 3.8549737
22 3.8396225	82 3.8439798	42 3.8476961	2 3.8513807	62 3.8550343
23 3.8396849	83 3.8440420	43 3.8477577	3 3.8514418	63 3.8550949
24 3.8397473	84 3.8441042	44 3.8478193	4 3.8515030	64 3.8551556
25 3.8398097	85 3.8441664	45 3.8478810	5 3.8515641	65 3.8552162
26 3.8398721	86 3.8442286	46 3.8479426	6 3.8516252	66 3.8552768
27 3.8399345	87 3.8442907	47 3.8480043	7 3.8516863	67 3.8553374
28 3.8399969	88 3.8443529	48 3.8480659	8 3.8517474	68 3.8553980
29 3.8400593	89 3.8444150	49 3.8481275	9 3.8518085	69 3.8554586
30 3.8401217	90 3.8444772	50 3.8481891	10 3.8518696	70 3.8555192
31 3.8401841	91 3.8445393	51 3.8482507	11 3.8519307	71 3.8555797
32 3.8402465	92 3.8446014	52 3.8483122	12 3.8519917	72 3.8556403
33 3.8403089	93 3.8446635	53 3.8483739	13 3.8520528	73 3.8557008
34 3.8403713	94 3.8447256	54 3.8484355	14 3.8521139	74 3.8557614
35 3.8404337	95 3.8447877	55 3.8484970	15 3.8521749	75 3.8558219
36 3.8404961	96 3.8448498	56 3.8485586	16 3.8522359	76 3.8558824
37 3.8405585	97 3.8449119	57 3.8486201	17 3.8522970	77 3.8559429
38 3.8406209	98 3.8449740	58 3.8486817	18 3.8523580	78 3.8560035
39 3.8406833	99 3.8450360	59 3.8487432	19 3.8524190	79 3.8560640
40 3.8407457	7000 3.8450980	60 3.8488047	20 3.8524800	80 3.8561244
41 3.8408081	1 3.8451601	61 3.8488662	21 3.8525410	81 3.8561849
42 3.8408705	2 3.8452221	62 3.8489277	22 3.8526020	82 3.8562454
43 3.8409329	3 3.8452841	63 3.8489892	23 3.8526629	83 3.8563059
44 3.8409953	4 3.8453461	64 3.8490507	24 3.8527239	84 3.8563663
45 3.8410577	5 3.8454081	65 3.8491122	25 3.8527849	85 3.8564268
46 3.8411201	6 3.8454701	66 3.8491736	26 3.8528458	86 3.8564872
47 3.8411825	7 3.8455321	67 3.8492351	27 3.8529068	87 3.8565476
48 3.8412449	8 3.8455941	68 3.8492965	28 3.8529677	88 3.8566081
49 3.8413073	9 3.8456561	69 3.8493579	29 3.8530286	89 3.8566685
50 3.8413697	10 3.8457180	70 3.8494194	30 3.8530895	90 3.8567289
51 3.8414321	11 3.8457800	71 3.8494808	31 3.8531504	91 3.8567893
52 3.8414945	12 3.8458419	72 3.8495423	32 3.8532113	92 3.8568497
53 3.8415569	13 3.8459038	73 3.8496037	33 3.8532722	93 3.8569101
54 3.8416193	14 3.8459658	74 3.8496651	34 3.8533331	94 3.8569704
55 3.8416817	15 3.8460277	75 3.8497264	35 3.8533940	95 3.8570308
56 3.8417441	16 3.8460896	76 3.8497878	36 3.8534549	96 3.8570912
57 3.8418065	17 3.8461515	77 3.8498492	37 3.8535157	97 3.8571515
58 3.8418689	18 3.8462134	78 3.8499106	38 3.8535765	98 3.8572118
59 3.8419313	19 3.8462752	79 3.8499719	39 3.8536374	99 3.8572722

Gr. Mi. da. 2. 0.	Gr. Mi. 2. 1.	Gr. Mi. 2. 2.	Gr. Mi. 2. 3.	Gr. Mi. 2. 4.
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
7200 3.8573325	7260 3.8609366	7320 3.8645111	7380 3.8680564	7440 3.8715729
1 3.8573928	61 3.8609964	21 3.8645704	81 3.8681152	41 3.8716313
2 3.8574531	62 3.8610562	22 3.8646297	82 3.8681740	42 3.8716907
3 3.8575134	63 3.8611160	23 3.8646890	83 3.8682329	43 3.8717480
4 3.8575737	64 3.8611758	24 3.8647483	84 3.8682917	44 3.8718064
5 3.8576340	65 3.8612356	25 3.8648076	85 3.8683505	45 3.8718647
6 3.8576943	66 3.8612954	26 3.8648669	86 3.8684093	46 3.8719230
7 3.8577545	67 3.8613552	27 3.8649262	87 3.8684681	47 3.8719814
8 3.8578148	68 3.8614149	28 3.8649855	88 3.8685269	48 3.8720397
9 3.8578750	69 3.8614747	29 3.8650447	89 3.8685857	49 3.8720980
10 3.8579353	70 3.8615344	30 3.8651040	90 3.8686444	50 3.8721563
11 3.8579955	71 3.8615941	31 3.8651632	91 3.8687032	51 3.8722146
12 3.8580557	72 3.8616539	32 3.8652225	92 3.8687620	52 3.8722728
13 3.8581159	73 3.8617136	33 3.8652817	93 3.8688207	53 3.8723311
14 3.8581761	74 3.8617733	34 3.8653409	94 3.8688794	54 3.8723894
15 3.8582363	75 3.8618330	35 3.8654001	95 3.8689382	55 3.8724476
16 3.8582965	76 3.8618927	36 3.8654593	96 3.8689969	56 3.8725059
17 3.8583567	77 3.8619524	37 3.8655185	97 3.8690556	57 3.8725641
18 3.8584169	78 3.8620120	38 3.8655777	98 3.8691143	58 3.8726224
19 3.8584770	79 3.8620717	39 3.8656369	99 3.8691730	59 3.8726806
20 3.8585372	80 3.8621314	40 3.8656961	7400 3.8692317	60 3.8727388
21 3.8585973	81 3.8621910	41 3.8657552	1 3.8692904	61 3.8727970
22 3.8586575	82 3.8622507	42 3.8658144	2 3.8693491	62 3.8728552
23 3.8587176	83 3.8623103	43 3.8658735	3 3.8694077	63 3.8729134
24 3.8587777	84 3.8623699	44 3.8659327	4 3.8694664	64 3.8729716
25 3.8588378	85 3.8624296	45 3.8659918	5 3.8695251	65 3.8730298
26 3.8588979	86 3.8624892	46 3.8660509	6 3.8695838	66 3.8730880
27 3.8589580	87 3.8625488	47 3.8661099	7 3.8696424	67 3.8731461
28 3.8590181	88 3.8626084	48 3.8661688	8 3.8697010	68 3.8732043
29 3.8590782	89 3.8626679	49 3.8662282	9 3.8697596	69 3.8732624
30 3.8591383	90 3.8627275	50 3.8662873	10 3.8698182	70 3.8733206
31 3.8591984	91 3.8627871	51 3.8663464	11 3.8698768	71 3.8733787
32 3.8592584	92 3.8628467	52 3.8664055	12 3.8699354	72 3.8734369
33 3.8593185	93 3.8629062	53 3.8664646	13 3.8699940	73 3.8734950
34 3.8593785	94 3.8629658	54 3.8665236	14 3.8700526	74 3.8735531
35 3.8594385	95 3.8630253	55 3.8665827	15 3.8701111	75 3.8736112
36 3.8594986	96 3.8630849	56 3.8666417	16 3.8701697	76 3.8736693
37 3.8595586	97 3.8631443	57 3.8667008	17 3.8702283	77 3.8737274
38 3.8596186	98 3.8632039	58 3.8667598	18 3.8702868	78 3.8737855
39 3.8596786	99 3.8632634	59 3.8668188	19 3.8703454	79 3.8738436
40 3.8597386	7300 3.8633229	60 3.8668778	20 3.8704039	80 3.8739017
41 3.8597985	1 3.8633824	61 3.8669368	21 3.8704624	81 3.8739597
42 3.8598585	2 3.8634418	62 3.8669958	22 3.8705209	82 3.8740177
43 3.8599185	3 3.8635013	63 3.8670548	23 3.8705795	83 3.8740757
44 3.8599784	4 3.8635608	64 3.8671138	24 3.8706380	84 3.8741337
45 3.8600384	5 3.8636202	65 3.8671728	25 3.8706965	85 3.8741918
46 3.8600983	6 3.8636797	66 3.8672317	26 3.8707549	86 3.8742498
47 3.8601583	7 3.8637391	67 3.8672907	27 3.8708134	87 3.8743078
48 3.8602182	8 3.8637985	68 3.8673496	28 3.8708719	88 3.8743658
49 3.8602781	9 3.8638579	69 3.8674086	29 3.8709304	89 3.8744238
50 3.8603380	10 3.8639174	70 3.8674675	30 3.8709889	90 3.8744818
51 3.8603979	11 3.8639768	71 3.8675264	31 3.8710473	91 3.8745397
52 3.8604578	12 3.8640362	72 3.8675852	32 3.8711057	92 3.8745977
53 3.8605177	13 3.8640956	73 3.8676442	33 3.8711641	93 3.8746557
54 3.8605776	14 3.8641550	74 3.8677031	34 3.8712226	94 3.8747137
55 3.8606374	15 3.8642144	75 3.8677620	35 3.8712810	95 3.8747716
56 3.8606973	16 3.8642737	76 3.8678209	36 3.8713394	96 3.8748296
57 3.8607571	17 3.8643331	77 3.8678798	37 3.8713978	97 3.8748875
58 3.8608170	18 3.8643924	78 3.8679386	38 3.8714562	98 3.8749454
59 3.8608768	19 3.8644517	79 3.8679975	39 3.8715146	99 3.8750034

Secu da.	Gr. Mi. 2.	Gr. Mi. 5.	Gr. Mi. 2.	Gr. Mi. 6.	Gr. Mi. 2.	Gr. Mi. 7.	Gr. Mi. 2.	Gr. Mi. 8.	Gr. Mi. 2.	Gr. Mi. 9.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
7500	3.8750613	7560	3.8785218	7620	3.8819550	7680	3.8853612	7740	3.8887410		
1	3.8751192	61	3.8785792	21	3.8820120	81	3.8854178	41	3.8887972		
2	3.8751771	62	3.8786367	22	3.8820689	82	3.8854743	42	3.8888532		
3	3.8752349	63	3.8786941	23	3.8821259	83	3.8855308	43	3.8889093		
4	3.8752928	64	3.8787515	24	3.8821829	84	3.8855874	44	3.8889653		
5	3.8753507	65	3.8788089	25	3.8822398	85	3.8856439	45	3.8890214		
6	3.8754086	66	3.8788663	26	3.8822968	86	3.8857004	46	3.8890775		
7	3.8754664	67	3.8789237	27	3.8823537	87	3.8857569	47	3.8891335		
8	3.8755243	68	3.8789811	28	3.8824107	88	3.8858134	48	3.8891896		
9	3.8755821	69	3.8790385	29	3.8824676	89	3.8858699	49	3.8892457		
10	3.8756399	70	3.8790959	30	3.8825245	90	3.8859263	50	3.8893017		
11	3.8756978	71	3.8791532	31	3.8825815	91	3.8859828	51	3.8893577		
12	3.8757556	72	3.8792106	32	3.8826384	92	3.8860393	52	3.8894138		
13	3.8758134	73	3.8792680	33	3.8826953	93	3.8860957	53	3.8894698		
14	3.8758712	74	3.8793253	34	3.8827522	94	3.8861522	54	3.8895258		
15	3.8759290	75	3.8793826	35	3.8828090	95	3.8862086	55	3.8895818		
16	3.8759868	76	3.8794400	36	3.8828659	96	3.8862651	56	3.8896378		
17	3.8760446	77	3.8794973	37	3.8829228	97	3.8863215	57	3.8896938		
18	3.8761023	78	3.8795546	38	3.8829797	98	3.8863779	58	3.8897498		
19	3.8761601	79	3.8796119	39	3.8830365	99	3.8864343	59	3.8898057		
20	3.8762178	80	3.8796692	40	3.8830934	7700	3.8864907	60	3.8898617		
21	3.8762756	81	3.8797265	41	3.8831502	1	3.8865471	61	3.8899177		
22	3.8763333	82	3.8797838	42	3.8832070	2	3.8866035	62	3.8899736		
23	3.8763911	83	3.8798411	43	3.8832639	3	3.8866599	63	3.8900296		
24	3.8764488	84	3.8798983	44	3.8833207	4	3.8867163	64	3.8900855		
25	3.8765065	85	3.8799556	45	3.8833775	5	3.8867726	65	3.8901415		
26	3.8765642	86	3.8800128	46	3.8834343	6	3.8868290	66	3.8901974		
27	3.8766219	87	3.8800701	47	3.8834911	7	3.8868854	67	3.8902533		
28	3.8766796	88	3.8801273	48	3.8835479	8	3.8869417	68	3.8903092		
29	3.8767373	89	3.8801846	49	3.8836047	9	3.8869980	69	3.8903651		
30	3.8767950	90	3.8802418	50	3.8836614	10	3.8870544	70	3.8904210		
31	3.8768526	91	3.8802990	51	3.8837182	11	3.8871107	71	3.8904769		
32	3.8769103	92	3.8803562	52	3.8837750	12	3.8871670	72	3.8905328		
33	3.8769680	93	3.8804134	53	3.8838317	13	3.8872233	73	3.8905887		
34	3.8770256	94	3.8804706	54	3.8838885	14	3.8872796	74	3.8906445		
35	3.8770833	95	3.8805278	55	3.8839452	15	3.8873359	75	3.8907004		
36	3.8771409	96	3.8805850	56	3.8840019	16	3.8873922	76	3.8907562		
37	3.8771985	97	3.8806421	57	3.8840586	17	3.8874485	77	3.8908121		
38	3.8772561	98	3.8806993	58	3.8841154	18	3.8875048	78	3.8908679		
39	3.8773137	99	3.8807564	59	3.8841721	19	3.8875610	79	3.8909238		
40	3.8773713	7600	3.8808136	60	3.8842288	20	3.8876173	80	3.8909796		
41	3.8774289	1	3.8808707	61	3.8842855	21	3.8876735	81	3.8910354		
42	3.8774865	2	3.8809279	62	3.8843421	22	3.8877298	82	3.8910912		
43	3.8775441	3	3.8809850	63	3.8843988	23	3.8877860	83	3.8911470		
44	3.8776017	4	3.8810421	64	3.8844555	24	3.8878423	84	3.8912028		
45	3.8776592	5	3.8810992	65	3.8845122	25	3.8878985	85	3.8912586		
46	3.8777168	6	3.8811563	66	3.8845688	26	3.8879547	86	3.8913144		
47	3.8777743	7	3.8812134	67	3.8846255	27	3.8880109	87	3.8913702		
48	3.8778319	8	3.8812705	68	3.8846821	28	3.8880671	88	3.8914259		
49	3.8778894	9	3.8813276	69	3.8847387	29	3.8881233	89	3.8914817		
50	3.8779469	10	3.8813847	70	3.8847954	30	3.8881795	90	3.8915375		
51	3.8780045	11	3.8814417	71	3.8848520	31	3.8882357	91	3.8915932		
52	3.8780620	12	3.8814988	72	3.8849088	32	3.8882918	92	3.8916489		
53	3.8781195	13	3.8815558	73	3.8849652	33	3.8883480	93	3.8917047		
54	3.8781770	14	3.8816129	74	3.8850218	34	3.8884042	94	3.8917604		
55	3.8782345	15	3.8816699	75	3.8850784	35	3.8884603	95	3.8918161		
56	3.8782920	16	3.8817269	76	3.8851350	36	3.8885165	96	3.8918718		
57	3.8783494	17	3.8817840	77	3.8851915	37	3.8885726	97	3.8919275		
58	3.8784069	18	3.8818410	78	3.8852481	38	3.8886287	98	3.8919832		
59	3.8784643	19	3.8818980	79	3.8853047	39	3.8886848	99	3.8920389		

Secu da.	Gr. Mi. 2.	Gr. Mi. 10.	Gr. Mi. 2.	Gr. Mi. 11.	Gr. Mi. 2.	Gr. Mi. 12.	Gr. Mi. 2.	Gr. Mi. 13.	Gr. Mi. 2.	Gr. Mi. 14.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
7500	3.8920946	7860	3.8954235	7920	3.8987452	7980	3.9020029	8040	3.9052560		
1	3.8921503	61	3.8954778	21	3.8987800	81	3.9020573	41	3.9053101		
2	3.8922059	62	3.8955310	22	3.8988245	82	3.9021117	42	3.9053641		
3	3.8922616	63	3.8955843	23	3.8988690	83	3.9021661	43	3.9054181		
4	3.8923173	64	3.8956375	24	3.8989135	84	3.9022205	44	3.9054721		
5	3.8923729	65	3.8956907	25	3.8989580	85	3.9022749	45	3.9055260		
6	3.8924285	66	3.8957439	26	3.8990025	86	3.9023293	46	3.9055800		
7	3.8924842	67	3.8957971	27	3.8990470	87	3.9023837	47	3.9056340		
8	3.8925398	68	3.8958503	28	3.8990915	88	3.9024381	48	3.9056880		
9	3.8925954	69	3.8959035	29	3.8991360	89	3.9024925	49	3.9057420		
10	3.8926510	70	3.8959567	30	3.8991805	90	3.9025468	50	3.9057959		
11	3.8927066	71	3.8960099	31	3.8992250	91	3.9026012	51	3.9058498		
12	3.8927622	72	3.8960631	32	3.8992695	92	3.9026555	52	3.9059038		
13	3.8928178	73	3.8961163	33	3.8993140	93	3.9027099	53	3.9059577		
14	3.8928734	74	3.8961695	34	3.8993585	94	3.9027643	54	3.9060116		
15	3.8929290	75	3.8962227	35	3.8994030	95	3.9028187	55	3.9060655		
16	3.8929846	76	3.8962759	36	3.8994475	96	3.9028728	56	3.9061194		
17	3.8930402	77	3.8963291	37	3.8994920	97	3.9029272	57	3.9061733		
18	3.8930957	78	3.8963823	38	3.8995365	98	3.9029814	58	3.9062271		
19	3.8931513	79	3.8964355	39	3.8995810	99	3.9030357	59	3.9062810		
20	3.8932068	80	3.8964887	40	3.8996255	8000	3.9030900	60	3.9063350		
21	3.8932624	81	3.8965419	41	3.8996700	1	3.9031443	61	3.9063889		
22	3.8933179	82	3.8965951	42	3.8997145	2	3.9031985	62	3.9064428		
23	3.8933735	83	3.8966483	43	3.8997590	3	3.9032528	63	3.9064967		
24	3.8934290	84	3.8967015	44	3.8998035	4	3.9033070	64	3.9065505		
25	3.8934845	85	3.8967547	45	3.8998480	5	3.9033613	65	3.9066044		
26	3.8935400	86	3.8968079	46	3.8998925	6	3.9034156	66	3.9066582		
27	3.8935955	87	3.8968611	47	3.8999370	7	3.9034698	67	3.9067121		
28	3.8936510	88	3.8969143	48	3.8999815	8	3.9035241	68	3.9067659		
29	3.8937065	89	3.8969675	49	3.8999260	9	3.9035783	69	3.9068197		
30	3.8937620	90	3.8970207	50	3.8999705	10	3.9036325	70	3.9068735		
31	3.8938175	91	3.8970739	51	3.9000150	11	3.9036867	71	3.9069273		
32	3.8938730	92	3.8971271	52	3.9000595	12	3.9037409	72	3.9069812		
33	3.8939285	93	3.8971803	53	3.9001040	13	3.9037951	73	3.9070350		
34	3.8939840	94	3.8972335	54	3.9001485	14	3.9038493	74	3.9070887		
35	3.8940395	95	3.8972867	55	3.9001930	15	3.9039035	75	3.9071425		
36	3.8940950	96	3.8973399	56	3.9002375	16	3.9039577	76	3.9071963		
37	3.8941505	97	3.8973931	57	3.9002820	17	3.9040119	77	3.9072501		
38	3.8942060	98	3.8974463	58	3.9003265	18	3.9040661	78	3.9073038		
39	3.8942615	99	3.8974995	59	3.9003710	19	3.9041203	79	3.9073576		
40	3.8943170	7900									

Secū		Gr. Mi.	Gr. Mi.	Gr. Mi.	Gr. Mi.	Gr. Mi.
da.		2.	15.	2.	17.	2.
		18.	19.			
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.
8100	3.904430	8200	3.9148718	8300	3.9211661	
1	3.9085186	61	3.9117434	81	3.9180828	
2	3.9085222	62	3.9117966	82	3.9181352	
3	3.9086458	63	3.9118498	83	3.9181877	
4	3.9086994	64	3.9119030	84	3.9182401	
5	3.9087530	65	3.9119562	85	3.9182925	
6	3.9088066	66	3.9120094	86	3.9183449	
7	3.9088602	67	3.9120625	87	3.9183973	
8	3.9089137	68	3.9121157	88	3.9184497	
9	3.9089673	69	3.9121689	89	3.9185021	
10	3.9090208	70	3.9122220	90	3.9185545	
11	3.9090744	71	3.9122752	91	3.9186069	
12	3.9091279	72	3.9123283	92	3.9186593	
13	3.9091815	73	3.9123815	93	3.9187117	
14	3.9092350	74	3.9124346	94	3.9187640	
15	3.9092885	75	3.9124878	95	3.9188164	
16	3.9093420	76	3.9125409	96	3.9188687	
17	3.9093955	77	3.9125940	97	3.9189211	
18	3.9094490	78	3.9126471	98	3.9189734	
19	3.9095025	79	3.9127002	99	3.9190258	
20	3.9095560	80	3.9127533	8300	3.9190781	
21	3.9096095	81	3.9128064	1	3.9191304	
22	3.9096630	82	3.9128595	2	3.9191827	
23	3.9097164	83	3.9129125	3	3.9192350	
24	3.9097699	84	3.9129656	4	3.9192873	
25	3.9098234	85	3.9130187	5	3.9193396	
26	3.9098768	86	3.9130717	6	3.9193919	
27	3.9099302	87	3.9131248	7	3.9194442	
28	3.9099837	88	3.9131778	8	3.9194965	
29	3.9100371	89	3.9132309	9	3.9195488	
30	3.9100905	90	3.9132839	10	3.9196011	
31	3.9101440	91	3.9133369	11	3.9196534	
32	3.9101974	92	3.9133899	12	3.9197057	
33	3.9102508	93	3.9134429	13	3.9197580	
34	3.9103042	94	3.9134959	14	3.9198103	
35	3.9103575	95	3.9135489	15	3.9198626	
36	3.9104109	96	3.9136019	16	3.9199149	
37	3.9104643	97	3.9136549	17	3.9199672	
38	3.9105177	98	3.9137079	18	3.9200195	
39	3.9105710	99	3.9137609	19	3.9200718	
40	3.9106244	8200	3.9138138	20	3.9201241	
41	3.9106777	1	3.9138668	21	3.9201764	
42	3.9107311	2	3.9139198	22	3.9202287	
43	3.9107844	3	3.9139727	23	3.9202810	
44	3.9108378	4	3.9140256	24	3.9203333	
45	3.9108911	5	3.9140786	25	3.9203856	
46	3.9109444	6	3.9141315	26	3.9204379	
47	3.9109977	7	3.9141844	27	3.9204902	
48	3.9110510	8	3.9142373	28	3.9205425	
49	3.9111043	9	3.9142902	29	3.9205948	
50	3.9111576	10	3.9143431	30	3.9206471	
51	3.9112109	11	3.9143960	31	3.9206994	
52	3.9112642	12	3.9144489	32	3.9207517	
53	3.9113174	13	3.9145018	33	3.9208040	
54	3.9113707	14	3.9145547	34	3.9208563	
55	3.9114240	15	3.9146076	35	3.9209086	
56	3.9114772	16	3.9146604	36	3.9209609	
57	3.9115305	17	3.9147133	37	3.9210132	
58	3.9115838	18	3.9147661	38	3.9210655	
59	3.9116369	19	3.9148190	39	3.9211178	

Secū		Gr. Mi.	Gr. Mi.	Gr. Mi.	Gr. Mi.	Gr. Mi.	
da.		2.	20.	2.	21.	2.	
		22.	2.	23.	2.	24.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	
8400	3.9242793	8460	3.9273704	8520	3.9304396	8580	3.9334373
1	3.9243310	61	3.9274217	21	3.9304906	81	3.9334939
2	3.9243827	62	3.9274730	22	3.9305415	82	3.9335488
3	3.9244344	63	3.9275243	23	3.9305925	83	3.9336037
4	3.9244860	64	3.9275757	24	3.9306434	84	3.9336586
5	3.9245377	65	3.9276270	25	3.9306944	85	3.9337135
6	3.9245894	66	3.9276783	26	3.9307453	86	3.9337684
7	3.9246410	67	3.9277296	27	3.9307963	87	3.9338233
8	3.9246927	68	3.9277808	28	3.9308472	88	3.9338782
9	3.9247444	69	3.9278321	29	3.9308981	89	3.9339331
10	3.9247960	70	3.9278834	30	3.9309490	90	3.9339880
11	3.9248476	71	3.9279347	31	3.9309999	91	3.9340429
12	3.9248993	72	3.9279859	32	3.9310508	92	3.9340978
13	3.9249509	73	3.9280372	33	3.9311017	93	3.9341527
14	3.9250025	74	3.9280885	34	3.9311526	94	3.9342076
15	3.9250541	75	3.9281397	35	3.9312035	95	3.9342625
16	3.9251057	76	3.9281909	36	3.9312544	96	3.9343174
17	3.9251573	77	3.9282422	37	3.9313053	97	3.9343723
18	3.9252089	78	3.9282934	38	3.9313562	98	3.9344272
19	3.9252605	79	3.9283446	39	3.9314071	99	3.9344821
20	3.9253121	80	3.9283959	40	3.9314580	8600	3.9345370
21	3.9253637	81	3.9284471	41	3.9315089	1	3.9345919
22	3.9254152	82	3.9284983	42	3.9315598	2	3.9346468
23	3.9254668	83	3.9285495	43	3.9316107	3	3.9347017
24	3.9255184	84	3.9286007	44	3.9316616	4	3.9347566
25	3.9255699	85	3.9286518	45	3.9317125	5	3.9348115
26	3.9256215	86	3.9287030	46	3.9317634	6	3.9348664
27	3.9256730	87	3.9287542	47	3.9318143	7	3.9349213
28	3.9257245	88	3.9288054	48	3.9318652	8	3.9349762
29	3.9257761	89	3.9288565	49	3.9319161	9	3.9350311
30	3.9258276	90	3.9289077	50	3.9319670	10	3.9350860
31	3.9258791	91	3.9289588	51	3.9320179	11	3.9351409
32	3.9259306	92	3.9290100	52	3.9320688	12	3.9351958
33	3.9259821	93	3.9290611	53	3.9321197	13	3.9352507
34	3.9260335	94	3.9291123	54	3.9321706	14	3.9353056
35	3.9260850	95	3.9291634	55	3.9322215	15	3.9353605
36	3.9261364	96	3.9292145	56	3.9322724	16	3.9354154
37	3.9261879	97	3.9292656	57	3.9323233	17	3.9354703
38	3.9262393	98	3.9293167	58	3.9323742	18	3.9355252
39	3.9262907	99	3.9293678	59	3.9324251	19	3.9355801
40	3.9263421	8500	3.9294189	60	3.9324760	20	3.9356350
41	3.9263935	1	3.9294700	61	3.9325269	21	3.9356899
42	3.9264449	2	3.9295211	62	3.9325778	22	3.9357448
43	3.9264963	3	3.9295722	63	3.9326287	23	3.9357997
44	3.9265477	4	3.9296233	64	3.9326796	24	3.9358546
45	3.9265991	5	3.9296744	65	3.9327305	25	3.9359095
46	3.9266505	6	3.9297255	66	3.9327814	26	3.9359644
47	3.9267019	7	3.9297766	67	3.9328323	27	3.9360193
48	3.9267533	8	3.9298277	68	3.9328832	28	3.9360742
49	3.9268047	9	3.9298788	69	3.9329341	29	3.9361291
50	3.9268561	10	3.9299299	70	3.9329850	30	3.9361840
51	3.9269075	11	3.9299810	71	3.9330359	31	3.9362389
52	3.9269589	12	3.9300321	72	3.9330868	32	3.9362938
53	3.9270103	13	3.9300832	73	3.9331377	33	3.9363487
54	3.9270617	14	3.9301343	74	3.9331886	34	3.9364036
55	3.9271131	15	3.9301854	75	3.9332395	35	3.9364585
56	3.9271645	16	3.9302365	76	3.9332904	36	3.9365134
57	3.9272159	17	3.9302876	77	3.9333413	37	3.9365683
58	3.9272673	18	3.9303387	78	3.9333922	38	3.9366232
59	3.9273187	19	3.9303898	79	3.9334431	39	3.9366781

secū Gr. Mi. | Gr. Mi. | Gr. Mi. | Gr. Mi. | Gr. Mi.
da. 2. 25. | 2. 26. | 2. 27. | 2. 28. | 2.

Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
8700 3.9395192	8760 3.9425041	8820 3.9454686	8880 3.9484130	8940 3.9513375
1 3.9395692	61 3.9425537	21 3.9455178	81 3.9484619	41 3.9513861
2 3.9396191	62 3.9426032	22 3.9455670	82 3.9485108	42 3.9514347
3 3.9396690	63 3.9426528	23 3.9456163	83 3.9485597	43 3.9514832
4 3.9397189	64 3.9427024	24 3.9456655	84 3.9486085	44 3.9515318
5 3.9397688	65 3.9427518	25 3.9457147	85 3.9486574	45 3.9515803
6 3.9398187	66 3.9428015	26 3.9457639	86 3.9487063	46 3.9516289
7 3.9398685	67 3.9428510	27 3.9458131	87 3.9487552	47 3.9516774
8 3.9399184	68 3.9429005	28 3.9458622	88 3.9488040	48 3.9517260
9 3.9399683	69 3.9429501	29 3.9459115	89 3.9488529	49 3.9517745
10 3.9400182	70 3.9430006	30 3.9459607	90 3.9489018	50 3.9518230
11 3.9400680	71 3.9430501	31 3.9460099	91 3.9489507	51 3.9518716
12 3.9401179	72 3.9431006	32 3.9460591	92 3.9490004	52 3.9519201
13 3.9401677	73 3.9431501	33 3.9461082	93 3.9490493	53 3.9519686
14 3.9402176	74 3.9432006	34 3.9461574	94 3.9490981	54 3.9520171
15 3.9402674	75 3.9432501	35 3.9462065	95 3.9491469	55 3.9520656
16 3.9403172	76 3.9433006	36 3.9462557	96 3.9491948	56 3.9521141
17 3.9403670	77 3.9433501	37 3.9463048	97 3.9492436	57 3.9521626
18 3.9404169	78 3.9434006	38 3.9463540	98 3.9492924	58 3.9522111
19 3.9404667	79 3.9434501	39 3.9464031	99 3.9493412	59 3.9522595
20 3.9405165	80 3.9435006	40 3.9464522	990 3.9493900	60 3.9523080
21 3.9405663	81 3.9435501	41 3.9465014	1 3.9494388	61 3.9523565
22 3.9406161	82 3.9436006	42 3.9465505	2 3.9494876	62 3.9524049
23 3.9406659	83 3.9436501	43 3.9466006	3 3.9495364	63 3.9524534
24 3.9407157	84 3.9437006	44 3.9466501	4 3.9495852	64 3.9525018
25 3.9407654	85 3.9437501	45 3.9467006	5 3.9496339	65 3.9525503
26 3.9408152	86 3.9438006	46 3.9467501	6 3.9496827	66 3.9525987
27 3.9408650	87 3.9438506	47 3.9468006	7 3.9497315	67 3.9526472
28 3.9409147	88 3.9439006	48 3.9468501	8 3.9497802	68 3.9526956
29 3.9409645	89 3.9439501	49 3.9469006	9 3.9498290	69 3.9527440
30 3.9410142	90 3.9440006	50 3.9469501	10 3.9498777	70 3.9527924
31 3.9410640	91 3.9440501	51 3.9470006	11 3.9499264	71 3.9528409
32 3.9411137	92 3.9441006	52 3.9470501	12 3.9499752	72 3.9528893
33 3.9411635	93 3.9441501	53 3.9471006	13 3.9500239	73 3.9529377
34 3.9412132	94 3.9442006	54 3.9471501	14 3.9500726	74 3.9529861
35 3.9412629	95 3.9442501	55 3.9472006	15 3.9501213	75 3.9530345
36 3.9413126	96 3.9443006	56 3.9472501	16 3.9501701	76 3.9530828
37 3.9413623	97 3.9443501	57 3.9473006	17 3.9502188	77 3.9531312
38 3.9414120	98 3.9444006	58 3.9473501	18 3.9502675	78 3.9531796
39 3.9414617	99 3.9444501	59 3.9474006	19 3.9503162	79 3.9532280
40 3.9415114	8800 3.9445006	60 3.9474501	20 3.9503649	80 3.9532763
41 3.9415611	1 3.9445501	61 3.9475006	21 3.9504135	81 3.9533247
42 3.9416108	2 3.9446006	62 3.9475501	22 3.9504622	82 3.9533730
43 3.9416605	3 3.9446501	63 3.9476006	23 3.9505109	83 3.9534214
44 3.9417101	4 3.9447006	64 3.9476501	24 3.9505596	84 3.9534697
45 3.9417598	5 3.9447501	65 3.9477006	25 3.9506082	85 3.9535181
46 3.9418095	6 3.9448006	66 3.9477501	26 3.9506569	86 3.9535664
47 3.9418592	7 3.9448501	67 3.9478006	27 3.9507055	87 3.9536147
48 3.9419089	8 3.9449006	68 3.9478501	28 3.9507542	88 3.9536631
49 3.9419584	9 3.9449501	69 3.9479006	29 3.9508028	89 3.9537114
50 3.9420081	10 3.9450006	70 3.9479501	30 3.9508515	90 3.9537597
51 3.9420577	11 3.9450501	71 3.9480006	31 3.9509001	91 3.9538080
52 3.9421073	12 3.9451006	72 3.9480501	32 3.9509487	92 3.9538563
53 3.9421569	13 3.9451501	73 3.9481006	33 3.9509973	93 3.9539046
54 3.9422065	14 3.9452006	74 3.9481501	34 3.9510459	94 3.9539529
55 3.9422561	15 3.9452501	75 3.9482006	35 3.9510946	95 3.9540012
56 3.9423058	16 3.9453006	76 3.9482501	36 3.9511432	96 3.9540494
57 3.9423553	17 3.9453501	77 3.9483006	37 3.9511918	97 3.9540977
58 3.9424049	18 3.9454006	78 3.9483501	38 3.9512404	98 3.9541460
59 3.9424544	19 3.9454501	79 3.9484006	39 3.9512889	99 3.9541943

secū Gr. Mi. | Gr. Mi. | Gr. Mi. | Gr. Mi. | Gr. Mi.
da. 2. 30. | 2. 31. | 2. 32. | 2. 33. | 2. 34.

Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
9000 3.9542425	9060 3.9571282	9120 3.9599948	9180 3.9628427	9240 3.9656720
1 3.9542908	61 3.9571761	21 3.9600424	81 3.9628900	41 3.9657190
2 3.9543390	62 3.9572241	22 3.9600901	82 3.9629373	42 3.9657660
3 3.9543872	63 3.9572720	23 3.9601377	83 3.9629846	43 3.9658129
4 3.9544355	64 3.9573199	24 3.9601853	84 3.9630319	44 3.9658599
5 3.9544837	65 3.9573678	25 3.9602329	85 3.9630792	45 3.9659069
6 3.9545319	66 3.9574157	26 3.9602805	86 3.9631264	46 3.9659538
7 3.9545802	67 3.9574636	27 3.9603280	87 3.9631737	47 3.9660008
8 3.9546284	68 3.9575115	28 3.9603756	88 3.9632210	48 3.9660478
9 3.9546766	69 3.9575594	29 3.9604232	89 3.9632682	49 3.9660948
10 3.9547248	70 3.9576073	30 3.9604708	90 3.9633155	50 3.9661417
11 3.9547730	71 3.9576552	31 3.9605183	91 3.9633628	51 3.9661887
12 3.9548212	72 3.9577030	32 3.9605659	92 3.9634100	52 3.9662356
13 3.9548694	73 3.9577509	33 3.9606134	93 3.9634573	53 3.9662826
14 3.9549176	74 3.9577988	34 3.9606609	94 3.9635045	54 3.9663295
15 3.9549657	75 3.9578466	35 3.9607085	95 3.9635518	55 3.9663764
16 3.9550139	76 3.9578945	36 3.9607561	96 3.9635990	56 3.9664233
17 3.9550621	77 3.9579423	37 3.9608036	97 3.9636462	57 3.9664702
18 3.9551102	78 3.9579902	38 3.9608511	98 3.9636934	58 3.9665172
19 3.9551584	79 3.9580380	39 3.9608987	99 3.9637406	59 3.9665641
20 3.9552065	80 3.9580858	40 3.9609462	9200 3.9637878	60 3.9666110
21 3.9552547	81 3.9581337	41 3.9609937	1 3.9638350	61 3.9666579
22 3.9553028	82 3.9581815	42 3.9610412	2 3.9638822	62 3.9667048
23 3.9553509	83 3.9582293	43 3.9610887	3 3.9639294	63 3.9667517
24 3.9553991	84 3.9582771	44 3.9611362	4 3.9639766	64 3.9667985
25 3.9554472	85 3.9583249	45 3.9611837	5 3.9640238	65 3.9668454
26 3.9554953	86 3.9583727	46 3.9612312	6 3.9640710	66 3.9668922
27 3.9555434	87 3.9584205	47 3.9612787	7 3.9641181	67 3.9669390
28 3.9555915	88 3.9584683	48 3.9613261	8 3.9641653	68 3.9669859
29 3.9556397	89 3.9585161	49 3.9613736	9 3.9642125	69 3.9670327
30 3.9556877	90 3.9585639	50 3.9614211	10 3.9642596	70 3.9670797
31 3.9557358	91 3.9586117	51 3.9614685	11 3.9643068	71 3.9671266
32 3.9557839	92 3.9586594	52 3.9615160	12 3.9643539	72 3.9671734
33 3.9558320	93 3.9587072	53 3.9615635	13 3.9644011	73 3.9672202
34 3.9558801	94 3.9587549	54 3.9616109	14 3.9644482	74 3.9672671
35 3.9559282	95 3.9588027	55 3.9616583	15 3.9644953	75 3.9673139
36 3.9559763	96 3.9588505	56 3.9617058	16 3.9645424	76 3.9673607
37 3.9560244	97 3.9588982	57 3.9617532	17 3.9645896	77 3.9674075
38 3.9560723	98 3.9589459	58 3.9618006	18 3.9646367	78 3.9674544
39 3.9561204	99 3.9589937	59 3.9618480	19 3.9646838	79 3.9675012
40 3.9561684	9100 3.9590414	60 3.9618953	20 3.9647309	80 3.9675480
41 3.9562165	1 3.9590891	61 3.9619429	21 3.9647779	81 3.9675948
42 3.9562645	2 3.9591368	62 3.9619903	22 3.9648251	82 3.9676416
43 3.9563125	3 3.9591845	63 3.9620377	23 3.9648721	83 3.9676883
44 3.9563606	4 3.9592322	64 3.9620851	24 3.9649193	84 3.9677351
45 3.9564086	5 3.9592799	65 3.9621325	25 3.9649664	85 3.9677819
46 3.9564566	6 3.9593276	66 3.9621798	26 3.9650134	86 3.9678287
47 3.9565046	7 3.9593753	67 3.9622272	27 3.9650605	87 3.9678754
48 3.9565526	8 3.9594230	68 3.9622746	28 3.9651076	88 3.9679222
49 3.9566006	9 3.9594707	69 3.9623220	29 3.9651546	89 3.9679690
50 3.9566486	10 3.9595184	70 3.9623693	30 3.9652017	90 3.9680158
51 3.9566966	11 3.9595660	71 3.9624167	31 3.9652487	91 3.9680625
52 3.9567445	12 3.9596137	72 3.9624640	32 3.9652958	92 3.9681092
53 3.9567925	13 3.9596614	73 3.9625114	33 3.9653428	93 3.9681559
54 3.9568405	14 3.9597090	74 3.9625587	34 3.9653899	94 3.9682027
55 3.9568885	15 3.9597567	75 3.9626061	35 3.9654369	95 3.9682494
56 3.9569364	16 3.9598043	76 3.9626534	36 3.9654839	96 3.9682961
57 3.9569844	17 3.9598519	77 3.9627007	37 3.9655309	97 3.9683428
58 3.9570323	18 3.9598996	78 3.9627480	38 3.9655779	98 3.9683895
59 3.9570803	19 3.9599472	79 3.9627954	39 3.9656250	99 3.9684362

Sec. da.	Gr. Mi. 2. 35.	Gr. Mi. 2. 36.	Gr. Mi. 2. 37.	Gr. Mi. 2. 38.	Gr. Mi. 2. 39.
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
9300	3.9647229	3.9712758	3.9740509	3.9768083	3.9795484
1	3.965296	3.9713222	3.9740970	3.9768541	3.9795939
2	3.965761	3.9713686	3.9741431	3.9768999	3.9796394
3	3.966225	3.9714150	3.9741892	3.9769457	3.9796849
4	3.966689	3.9714614	3.9742353	3.9769915	3.9797304
5	3.967154	3.9715078	3.9742814	3.9770373	3.9797759
6	3.967619	3.9715542	3.9743274	3.9770831	3.9798214
7	3.968083	3.9716005	3.9743735	3.9771289	3.9798669
8	3.968548	3.9716469	3.9744196	3.9771747	3.9799124
9	3.969012	3.9716932	3.9744656	3.9772204	3.9799579
10	3.969477	3.9717396	3.9745117	3.9772662	3.9800034
11	3.969941	3.9717859	3.9745577	3.9773120	3.9800488
12	3.970405	3.9718323	3.9746038	3.9773577	3.9800943
13	3.970869	3.9718786	3.9746498	3.9774035	3.9801398
14	3.971333	3.9719249	3.9746959	3.9774492	3.9801853
15	3.971797	3.9719713	3.9747419	3.9774950	3.9802307
16	3.972261	3.9720176	3.9747879	3.9775407	3.9802761
17	3.972725	3.9720639	3.9748340	3.9775864	3.9803216
18	3.973189	3.9721102	3.9748800	3.9776322	3.9803670
19	3.973653	3.9721565	3.9749260	3.9776779	3.9804125
20	3.974117	3.9722028	3.9749720	3.9777236	3.9804579
21	3.974581	3.9722491	3.9750180	3.9777693	3.9805034
22	3.975045	3.9722954	3.9750640	3.9778150	3.9805487
23	3.975509	3.9723417	3.9751100	3.9778607	3.9805941
24	3.975973	3.9723880	3.9751560	3.9779064	3.9806396
25	3.976437	3.9724343	3.9752020	3.9779521	3.9806850
26	3.976901	3.9724805	3.9752479	3.9779978	3.9807304
27	3.977365	3.9725268	3.9752939	3.9780435	3.9807758
28	3.977829	3.9725728	3.9753399	3.9780892	3.9808212
29	3.978293	3.9726187	3.9753858	3.9781348	3.9808666
30	3.978757	3.9726646	3.9754318	3.9781805	3.9809119
31	3.979221	3.9727105	3.9754778	3.9782262	3.9809573
32	3.979685	3.9727564	3.9755237	3.9782718	3.9810027
33	3.980149	3.9728023	3.9755697	3.9783175	3.9810480
34	3.980613	3.9728482	3.9756156	3.9783631	3.9810934
35	3.981077	3.9728941	3.9756615	3.9784088	3.9811388
36	3.981541	3.9729400	3.9757075	3.9784544	3.9811842
37	3.982005	3.9729859	3.9757534	3.9785000	3.9812296
38	3.982469	3.9730318	3.9757993	3.9785457	3.9812750
39	3.982933	3.9730777	3.9758452	3.9785913	3.9813204
40	3.983397	3.9731236	3.9758911	3.9786369	3.9813658
41	3.983861	3.9731695	3.9759370	3.9786826	3.9814112
42	3.984325	3.9732154	3.9759829	3.9787282	3.9814566
43	3.984789	3.9732613	3.9760288	3.9787738	3.9815020
44	3.985253	3.9733072	3.9760747	3.9788194	3.9815474
45	3.985717	3.9733531	3.9761206	3.9788650	3.9815928
46	3.986181	3.9733990	3.9761665	3.9789106	3.9816382
47	3.986645	3.9734449	3.9762124	3.9789562	3.9816836
48	3.987109	3.9734908	3.9762583	3.9790017	3.9817290
49	3.987573	3.9735367	3.9763042	3.9790473	3.9817744
50	3.988037	3.9735826	3.9763501	3.9790929	3.9818198
51	3.988501	3.9736285	3.9763960	3.9791385	3.9818652
52	3.988965	3.9736744	3.9764419	3.9791841	3.9819106
53	3.989429	3.9737203	3.9764878	3.9792297	3.9819560
54	3.989893	3.9737662	3.9765337	3.9792753	3.9820014
55	3.990357	3.9738121	3.9765796	3.9793209	3.9820468
56	3.990821	3.9738580	3.9766255	3.9793665	3.9820922
57	3.991285	3.9739039	3.9766714	3.9794121	3.9821376
58	3.991749	3.9739498	3.9767173	3.9794577	3.9821830
59	3.992213	3.9740000	3.9767632	3.9795033	3.9822284
60	3.992677	3.9740500	3.9768091	3.9795489	3.9822738
61	3.993141	3.9741000	3.9768550	3.9795945	3.9823192
62	3.993605	3.9741500	3.9769009	3.9796401	3.9823646
63	3.994069	3.9742000	3.9769468	3.9796857	3.9824100
64	3.994533	3.9742500	3.9769927	3.9797313	3.9824554
65	3.994997	3.9743000	3.9770386	3.9797769	3.9825008
66	3.995461	3.9743500	3.9770845	3.9798225	3.9825462
67	3.995925	3.9744000	3.9771304	3.9798681	3.9825916
68	3.996389	3.9744500	3.9771763	3.9799137	3.9826370
69	3.996853	3.9745000	3.9772222	3.9799593	3.9826824
70	3.997317	3.9745500	3.9772681	3.9800049	3.9827278
71	3.997781	3.9746000	3.9773140	3.9800505	3.9827732
72	3.998245	3.9746500	3.9773600	3.9800961	3.9828186
73	3.998709	3.9747000	3.9774059	3.9801417	3.9828640
74	3.999173	3.9747500	3.9774518	3.9801873	3.9829094
75	3.999637	3.9748000	3.9774977	3.9802329	3.9829548
76	4.000101	3.9748500	3.9775436	3.9802785	3.9830002
77	4.000565	3.9749000	3.9775895	3.9803241	3.9830456
78	4.001029	3.9749500	3.9776354	3.9803697	3.9830910
79	4.001493	3.9750000	3.9776813	3.9804153	3.9831364
80	4.001957	3.9750500	3.9777272	3.9804609	3.9831818
81	4.002421	3.9751000	3.9777731	3.9805065	3.9832272
82	4.002885	3.9751500	3.9778190	3.9805521	3.9832726
83	4.003349	3.9752000	3.9778649	3.9805977	3.9833180
84	4.003813	3.9752500	3.9779108	3.9806433	3.9833634
85	4.004277	3.9753000	3.9779567	3.9806889	3.9834088
86	4.004741	3.9753500	3.9780026	3.9807345	3.9834542
87	4.005205	3.9754000	3.9780485	3.9807801	3.9834996
88	4.005669	3.9754500	3.9780944	3.9808257	3.9835450
89	4.006133	3.9755000	3.9781403	3.9808713	3.9835904
90	4.006597	3.9755500	3.9781862	3.9809169	3.9836358
91	4.007061	3.9756000	3.9782321	3.9809625	3.9836812
92	4.007525	3.9756500	3.9782780	3.9810081	3.9837266
93	4.007989	3.9757000	3.9783239	3.9810537	3.9837720
94	4.008453	3.9757500	3.9783698	3.9810993	3.9838174
95	4.008917	3.9758000	3.9784157	3.9811449	3.9838628
96	4.009381	3.9758500	3.9784616	3.9811905	3.9839082
97	4.009845	3.9759000	3.9785075	3.9812361	3.9839536
98	4.010309	3.9759500	3.9785534	3.9812817	3.9840000
99	4.010773	3.9760000	3.9785993	3.9813273	3.9840454
100	4.011237	3.9760500	3.9786452	3.9813729	3.9840908

Sec. da.	Gr. Mi. 2. 40.	Gr. Mi. 2. 41.	Gr. Mi. 2. 42.	Gr. Mi. 2. 43.	Gr. Mi. 2. 44.
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
9600	3.982712	3.9849771	3.9876663	3.9903389	3.9929951
1	3.982165	3.9850221	3.9877109	3.9903833	3.9930405
2	3.982619	3.9850670	3.9877556	3.9904277	3.9930859
3	3.983073	3.9851120	3.9878003	3.9904721	3.9931313
4	3.983527	3.9851569	3.9878449	3.9905164	3.9931767
5	3.983981	3.9852018	3.9878896	3.9905608	3.9932221
6	3.984435	3.9852468	3.9879343	3.9906052	3.9932675
7	3.984889	3.9852917	3.9879789	3.9906496	3.9933129
8	3.985343	3.9853366	3.9880236	3.9906940	3.9933583
9	3.985797	3.9853816	3.9880682	3.9907385	3.9934037
10	3.986251	3.9854265	3.9881128	3.9907829	3.9934491
11	3.986705	3.9854714	3.9881575	3.9908272	3.9934945
12	3.987159	3.9855163	3.9882021	3.9908716	3.9935399
13	3.987613	3.9855612	3.9882467	3.9909160	3.9935853
14	3.988067	3.9856061	3.9882913	3.9909604	3.9936307
15	3.988521	3.9856510	3.9883360	3.9910048	3.9936761
16	3.988975	3.9856958	3.9883806	3.9910492	3.9937215
17	3.989429	3.9857407	3.9884252	3.9910936	3.9937669
18	3.989883	3.9857856	3.9884698	3.9911380	3.9938123
19	3.990337	3.9858305	3.9885144	3.9911824	3.9938577
20	3.990791	3.9858753	3.9885590	3.9912268	3.9939031
21	3.991245	3.9859202	3.9886035	3.9912712	3.9939485
22	3.991699	3.9859651	3.9886481	3.9913156	3.9939939
23	3.992153	3.9860099	3.9886927	3.9913600	3.9940393
24	3.992607	3.9860548	3.9887373	3.9914044	3.9940847
25	3.993061	3.9860996	3.9887819	3.9914488	3.9941301
26	3.993515	3.9861445	3.9888264	3.9914932	3.9941755
27	3.993969	3.9861894	3.9888710	3.9915376	3.9942209
28	3.994423	3.9862343	3.9889155	3.9915820	3.9942663
29	3.994877	3.9862792	3.9889601	3.9916264	3.9943117
30	3.995331	3.9863241	3.9890046	3.9916708	3.9943571
31	3.995785	3.9863690	3.9890492	3.9917152	3.9944025
32	3.996239	3.9864139	3.9890937	3.9917596	3.9944479
33	3.996693	3.9864588	3.9		

Gr. Mi. da. z. 45.	Gr. Mi. z. 46.	Gr. Mi. z. 47.	Gr. Mi. z. 48.	Gr. Mi. z. 49.
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
9900 3.99561551	9960 3.9982593	10020 4.0008677	10080 4.0034605	10140 4.0060379
1 3.9956791	61 3.9983229	21 4.0009110	81 4.0035306	41 4.0060807
2 3.9957220	62 3.9983455	22 4.0009543	82 4.0035466	42 4.0061236
3 3.9957658	63 3.9983901	23 4.0009977	83 4.0035897	43 4.0061664
4 3.9958106	64 3.9984337	24 4.0010410	84 4.0036328	44 4.0062092
5 3.9958545	65 3.9984773	25 4.0010843	85 4.0036759	45 4.0062520
6 3.9958983	66 3.9985209	26 4.0011277	86 4.0037189	46 4.0062948
7 3.9959422	67 3.9985644	27 4.0011710	87 4.0037620	47 4.0063376
8 3.9959860	68 3.9986080	28 4.0012143	88 4.0038050	48 4.0063804
9 3.9960298	69 3.9986516	29 4.0012576	89 4.0038481	49 4.0064232
10 3.9960736	70 3.9986951	30 4.0013009	90 4.0038911	50 4.0064660
11 3.9961173	71 3.9987387	31 4.0013442	91 4.0039342	51 4.0065088
12 3.9961611	72 3.9987823	32 4.0013875	92 4.0039772	52 4.0065516
13 3.9962048	73 3.9988258	33 4.0014308	93 4.0040202	53 4.0065943
14 3.9962485	74 3.9988694	34 4.0014740	94 4.0040633	54 4.0066371
15 3.9962927	75 3.9989129	35 4.0015173	95 4.0041063	55 4.0066799
16 3.9963365	76 3.9989564	36 4.0015606	96 4.0041493	56 4.0067226
17 3.9963803	77 3.9989999	37 4.0016039	97 4.0041923	57 4.0067654
18 3.9964241	78 3.9990435	38 4.0016471	98 4.0042353	58 4.0068082
19 3.9964679	79 3.9990870	39 4.0016904	99 4.0042783	59 4.0068509
20 3.9965117	80 3.9991305	40 4.0017337	100 4.0043213	60 4.0068937
21 3.9965554	81 3.9991740	41 4.0017769	1 4.0043643	61 4.0069364
22 3.9965992	82 3.9992176	42 4.0018202	2 4.0044073	62 4.0069791
23 3.9966430	83 3.9992611	43 4.0018634	3 4.0044503	63 4.0070219
24 3.9966867	84 3.9993046	44 4.0019067	4 4.0044933	64 4.0070646
25 3.9967305	85 3.9993481	45 4.0019499	5 4.0045363	65 4.0071073
26 3.9967743	86 3.9993916	46 4.0019931	6 4.0045792	66 4.0071501
27 3.9968180	87 3.9994350	47 4.0020364	7 4.0046222	67 4.0071928
28 3.9968618	88 3.9994785	48 4.0020796	8 4.0046652	68 4.0072355
29 3.9969055	89 3.9995220	49 4.0021228	9 4.0047081	69 4.0072782
30 3.9969492	90 3.9995655	50 4.0021660	10 4.0047511	70 4.0073209
31 3.9969930	91 3.9996089	51 4.0022092	11 4.0047941	71 4.0073636
32 3.9970367	92 3.9996524	52 4.0022524	12 4.0048370	72 4.0074063
33 3.9970804	93 3.9996959	53 4.0022956	13 4.0048800	73 4.0074490
34 3.9971241	94 3.9997393	54 4.0023388	14 4.0049229	74 4.0074917
35 3.9971679	95 3.9997828	55 4.0023820	15 4.0049658	75 4.0075344
36 3.9972116	96 3.9998262	56 4.0024252	16 4.0050088	76 4.0075770
37 3.9972553	97 3.9998697	57 4.0024684	17 4.0050517	77 4.0076197
38 3.9972990	98 3.9999131	58 4.0025116	18 4.0050946	78 4.0076624
39 3.9973427	99 3.9999566	59 4.0025548	19 4.0051375	79 4.0077051
40 3.9973864	1000 4.0000000	60 4.0025979	20 4.0051805	80 4.0077477
41 3.9974301	1 4.0000434	61 4.0026411	21 4.0052234	81 4.0077904
42 3.9974737	2 4.0000868	62 4.0026843	22 4.0052663	82 4.0078330
43 3.9975174	3 4.0001302	63 4.0027274	23 4.0053092	83 4.0078757
44 3.9975611	4 4.0001736	64 4.0027706	24 4.0053521	84 4.0079183
45 3.9976048	5 4.0002170	65 4.0028137	25 4.0053950	85 4.0079610
46 3.9976484	6 4.0002604	66 4.0028569	26 4.0054379	86 4.0080036
47 3.9976921	7 4.0003038	67 4.0028999	27 4.0054808	87 4.0080463
48 3.9977358	8 4.0003472	68 4.0029432	28 4.0055236	88 4.0080889
49 3.9977794	9 4.0003906	69 4.0029865	29 4.0055665	89 4.0081315
50 3.9978231	10 4.0004340	70 4.0030298	30 4.0056094	90 4.0081741
51 3.9978667	11 4.0004774	71 4.0030725	31 4.0056523	91 4.0082168
52 3.9979104	12 4.0005208	72 4.0031157	32 4.0056951	92 4.0082594
53 3.9979540	13 4.0005642	73 4.0031588	33 4.0057380	93 4.0083020
54 3.9979976	14 4.0006076	74 4.0032019	34 4.0057809	94 4.0083446
55 3.9980413	15 4.0006509	75 4.0032449	35 4.0058237	95 4.0083872
56 3.9980849	16 4.0006943	76 4.0032881	36 4.0058666	96 4.0084298
57 3.9981285	17 4.0007376	77 4.0033312	37 4.0059094	97 4.0084724
58 3.9981721	18 4.0007810	78 4.0033743	38 4.0059522	98 4.0085150
59 3.9982157	19 4.0008243	79 4.0034174	39 4.0059951	99 4.0085575

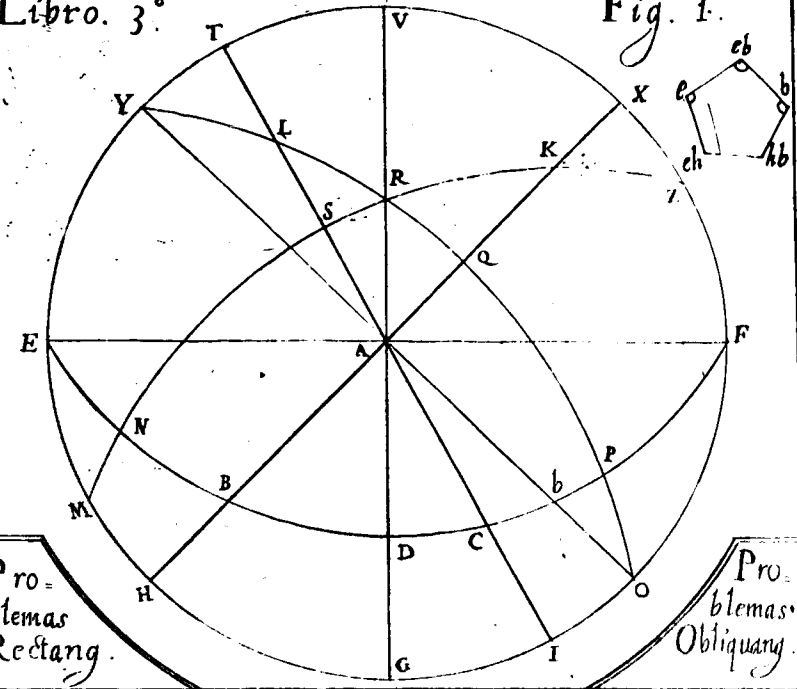
Gr. Mi. da. z. 50.	Gr. Mi. z. 51.	Gr. Mi. z. 52.	Gr. Mi. z. 53.	Gr. Mi. z. 54.
Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.	Nu. Logarith.
10200 4.0086001	10260 4.0111473	10320 4.0136796	10380 4.0161973	10440 4.0187004
1 4.0086427	61 4.0111896	21 4.0137217	81 4.0162391	41 4.0187420
2 4.0086853	62 4.0112320	22 4.0137638	82 4.0162810	42 4.0187836
3 4.0087278	63 4.0112743	23 4.0138059	83 4.0163228	43 4.0188252
4 4.0087704	64 4.0113166	24 4.0138479	84 4.0163646	44 4.0188668
5 4.0088130	65 4.0113589	25 4.0138900	85 4.0164065	45 4.0189084
6 4.0088555	66 4.0114012	26 4.0139321	86 4.0164483	46 4.0189500
7 4.0088981	67 4.0114435	27 4.0139741	87 4.0164901	47 4.0189915
8 4.0089406	68 4.0114858	28 4.0140162	88 4.0165319	48 4.0190331
9 4.0089832	69 4.0115281	29 4.0140582	89 4.0165737	49 4.0190747
10 4.0090257	70 4.0115704	30 4.0141003	90 4.0166155	50 4.0191162
11 4.0090682	71 4.0116127	31 4.0141423	91 4.0166573	51 4.0191578
12 4.0091108	72 4.0116550	32 4.0141843	92 4.0166991	52 4.0191994
13 4.0091533	73 4.0116972	33 4.0142264	93 4.0167409	53 4.0192410
14 4.0091958	74 4.0117395	34 4.0142684	94 4.0167827	54 4.0192824
15 4.0092383	75 4.0117818	35 4.0143104	95 4.0168244	55 4.0193240
16 4.0092808	76 4.0118240	36 4.0143525	96 4.0168662	56 4.0193655
17 4.0093233	77 4.0118663	37 4.0143945	97 4.0169080	57 4.0194071
18 4.0093658	78 4.0119086	38 4.0144365	98 4.0169498	58 4.0194486
19 4.0094083	79 4.0119508	39 4.0144785	99 4.0169915	59 4.0194901
20 4.0094508	80 4.0119931	40 4.0145205	100 4.0170333	60 4.0195316
21 4.0094933	81 4.0120353	41 4.0145625	1 4.0170750	61 4.0195732
22 4.0095358	82 4.0120775	42 4.0146045	2 4.0171168	62 4.0196147
23 4.0095783	83 4.0121198	43 4.0146465	3 4.0171585	63 4.0196562
24 4.0096208	84 4.0121620	44 4.0146885	4 4.0172003	64 4.0196977
25 4.0096633	85 4.0122042	45 4.0147304	5 4.0172420	65 4.0197392
26 4.0097057	86 4.0122465	46 4.0147724	6 4.0172838	66 4.0197807
27 4.0097482	87 4.0122887	47 4.0148144	7 4.0173255	67 4.0198222
28 4.0097907	88 4.0123309	48 4.0148564	8 4.0173672	68 4.0198637
29 4.0098331	89 4.0123731	49 4.0148984	9 4.0174090	69 4.0199051
30 4.0098756	90 4.0124153	50 4.0149403	10 4.0174507	70 4.0199466
31 4.0099180	91 4.0124575	51 4.0149823	11 4.0174924	71 4.0199881
32 4.0099605	92 4.0124997	52 4.0150242	12 4.0175341	72 4.0200296
33 4.0100029	93 4.0125419	53 4.0150662	13 4.0175758	73 4.0200711
34 4.0100454	94 4.0125841	54 4.0151081	14 4.0176175	74 4.0201125
35 4.0100878	95 4.0126263	55 4.0151501	15 4.0176592	75 4.0201540
36 4.0101302	96 4.0126685	56 4.0151920	16 4.0177009	76 4.0201954
37 4.0101727	97 4.0127107	57 4.0152339	17 4.0177426	77 4.0202369
38 4.0102151	98 4.0127528	58 4.0152759	18 4.0177843	78 4.0202783
39 4.0102575	99 4.0127950	59 4.0153178	19 4.0178260	79 4.0203198
40 4.0102999	1000 4.0128372	60 4.0153597	20 4.0178677	80 4.0203612
41 4.0103423	1 4.0128793	61 4.0154016	21 4.0179093	81 4.0204027
42 4.0103847	2 4.0129215	62 4.0154435	22 4.0179510	82 4.0204441
43 4.0104271	3 4.0129636	63 4.0154854	23 4.0179927	83 4.0204855
44 4.0104695	4 4.0130058	64 4.0155273	24 4.0180344	84 4.0205270
45 4.0105119	5 4.0130479	65 4.0155691	25 4.0180760	85 4.0205684
46 4.0105543	6 4.0130901	66 4.0156112	26 4.0181177	86 4.0206098
47 4.0105967	7 4.0131322	67 4.0156530	27 4.0181593	87 4.0206512
48 4.0106391	8 4.0131744	68 4.0156949	28 4.0182010	88 4.0206926
49 4.0106814	9 4.0132165	69 4.0157368	29 4.0182426	89 4.0207340
50 4.0107238	10 4.0132586	70 4.0157787	30 4.0182843	90 4.0207754
51 4.0107662	11 4.0133007	71 4.0158206	31 4.0183259	91 4.0208168
52 4.0108085	12 4.0133429	72 4.0158625	32 4.0183675	92 4.0208582
53 4.0108509	13 4.0133850	73 4.0159043	33 4.0184091	93 4.0208996
54 4.0108933	14 4.0134271	74 4.0159462	34 4.0184508	94 4.0209410
55 4.0109356	15 4.0134692	75 4.0159881	35 4.0184924	95 4.0209824
56 4.0109781	16 4.0135113	76 4.0160300	36 4.0185340	96 4.0210238
57 4.0110203	17 4.0135534	77 4.0160718	37 4.0185756	97 4.0210652
58 4.0110626	18 4.0135955	78 4.0161136	38 4.0186172	98 4.0211066
59 4.0111050	19 4.0136376	79 4.0161555	39 4.0186588	99 4.0211479

secū Gr. Mi. 2. 55. Gr. Mi. 2. 56. Gr. Mi. 2. 57. Gr. Mi. 2. 58. Gr. Mi. 2. 59.

Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
10500	4.0211892	10560	4.0236639	10620	4.0261245	10680	4.0285712	10740	4.0310042
1	4.0212306	61	4.0237050	21	4.0261654	81	4.0286119	41	4.0310447
2	4.0212720	62	4.0237461	22	4.0262062	82	4.0286525	42	4.0310851
3	4.0213133	63	4.0237872	23	4.0262471	83	4.0286932	43	4.0311255
4	4.0213547	64	4.0238283	24	4.0262880	84	4.0287338	44	4.0311659
5	4.0213960	65	4.0238695	25	4.0263289	85	4.0287745	45	4.0312064
6	4.0214373	66	4.0239106	26	4.0263698	86	4.0288151	46	4.0312468
7	4.0214787	67	4.0239517	27	4.0264106	87	4.0288558	47	4.0312872
8	4.0215200	68	4.0239928	28	4.0264515	88	4.0288964	48	4.0313276
9	4.0215613	69	4.0240338	29	4.0264924	89	4.0289370	49	4.0313680
10	4.0216027	70	4.0240749	30	4.0265332	90	4.0289777	50	4.0314084
11	4.0216440	71	4.0241160	31	4.0265741	91	4.0290183	51	4.0314488
12	4.0216853	72	4.0241571	32	4.0266149	92	4.0290589	52	4.0314892
13	4.0217266	73	4.0241982	33	4.0266558	93	4.0290995	53	4.0315296
14	4.0217679	74	4.0242393	34	4.0266966	94	4.0291401	54	4.0315700
15	4.0218092	75	4.0242803	35	4.0267374	95	4.0291807	55	4.0316104
16	4.0218505	76	4.0243214	36	4.0267783	96	4.0292213	56	4.0316508
17	4.0218918	77	4.0243625	37	4.0268191	97	4.0292619	57	4.0316911
18	4.0219331	78	4.0244035	38	4.0268599	98	4.0293025	58	4.0317315
19	4.0219744	79	4.0244446	39	4.0269008	99	4.0293431	59	4.0317719
20	4.0220157	80	4.0244856	40	4.0269416	1000	4.0293837	60	4.0318122
21	4.0220570	81	4.0245267	41	4.0269824	1	4.0294243	61	4.0318526
22	4.0220982	82	4.0245677	42	4.0270232	2	4.0294649	62	4.0318929
23	4.0221395	83	4.0246087	43	4.0270640	3	4.0295055	63	4.0319333
24	4.0221808	84	4.0246498	44	4.0271048	4	4.0295461	64	4.0319736
25	4.0222221	85	4.0246908	45	4.0271456	5	4.0295866	65	4.0320140
26	4.0222633	86	4.0247318	46	4.0271864	6	4.0296272	66	4.0320543
27	4.0223046	87	4.0247729	47	4.0272272	7	4.0296678	67	4.0320947
28	4.0223458	88	4.0248139	48	4.0272680	8	4.0297083	68	4.0321350
29	4.0223871	89	4.0248549	49	4.0273088	9	4.0297489	69	4.0321753
30	4.0224283	90	4.0248959	50	4.0273496	10	4.0297894	70	4.0322157
31	4.0224696	91	4.0249369	51	4.0273903	11	4.0298300	71	4.0322560
32	4.0225108	92	4.0249779	52	4.0274311	12	4.0298705	72	4.0322963
33	4.0225520	93	4.0250189	53	4.0274719	13	4.0299111	73	4.0323366
34	4.0225933	94	4.0250599	54	4.0275126	14	4.0299516	74	4.0323769
35	4.0226345	95	4.0251009	55	4.0275534	15	4.0299921	75	4.0324172
36	4.0226757	96	4.0251419	56	4.0275942	16	4.0300327	76	4.0324575
37	4.0227169	97	4.0251829	57	4.0276349	17	4.0300732	77	4.0324978
38	4.0227581	98	4.0252239	58	4.0276757	18	4.0301137	78	4.0325381
39	4.0227994	99	4.0252648	59	4.0277164	19	4.0301542	79	4.0325784
40	4.0228406	10600	4.0253058	60	4.0277572	20	4.0301947	80	4.0326187
41	4.0228818	1	4.0253468	61	4.0277979	21	4.0302352	81	4.0326590
42	4.0229230	2	4.0253877	62	4.0278386	22	4.0302758	82	4.0326993
43	4.0229642	3	4.0254287	63	4.0278794	23	4.0303163	83	4.0327396
44	4.0230053	4	4.0254697	64	4.0279201	24	4.0303568	84	4.0327799
45	4.0230465	5	4.0255106	65	4.0279608	25	4.0303973	85	4.0328201
46	4.0230877	6	4.0255516	66	4.0280015	26	4.0304377	86	4.0328604
47	4.0231289	7	4.0255925	67	4.0280422	27	4.0304782	87	4.0329006
48	4.0231701	8	4.0256335	68	4.0280830	28	4.0305187	88	4.0329409
49	4.0232112	9	4.0256744	69	4.0281237	29	4.0305592	89	4.0329811
50	4.0232524	10	4.0257153	70	4.0281644	30	4.0305997	90	4.0330214
51	4.0232936	11	4.0257563	71	4.0282051	31	4.0306401	91	4.0330616
52	4.0233347	12	4.0257972	72	4.0282458	32	4.0306806	92	4.0331019
53	4.0233759	13	4.0258381	73	4.0282865	33	4.0307211	93	4.0331421
54	4.0234170	14	4.0258790	74	4.0283271	34	4.0307615	94	4.0331824
55	4.0234582	15	4.0259199	75	4.0283678	35	4.0308020	95	4.0332226
56	4.0234994	16	4.0259608	76	4.0284085	36	4.0308424	96	4.0332628
57	4.0235405	17	4.0260018	77	4.0284492	37	4.0308829	97	4.0333031
58	4.0235816	18	4.0260427	78	4.0284899	38	4.0309233	98	4.0333433
59	4.0236227	19	4.0260836	79	4.0285305	39	4.0309638	99	4.0333835

secū Gr. Mi. 3. 0. Gr. Mi. 3. 1. Gr. Mi. 3. 2. Gr. Mi. 3. 3. Gr. Mi. 3. 4.

Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
10800	4.0334237	10860	4.0358298	10920	4.0382226	10980	4.0406203	11040	4.0429690
1	4.0334639	61	4.0358698	21	4.0382624	81	4.0406618	41	4.0430084
2	4.0335041	62	4.0359097	22	4.0383021	82	4.0407031	42	4.0430477
3	4.0335443	63	4.0359497	23	4.0383419	83	4.0407440	43	4.0430870
4	4.0335845	64	4.0359897	24	4.0383816	84	4.0407850	44	4.0431263
5	4.0336247	65	4.0360297	25	4.0384214	85	4.0408260	45	4.0431657
6	4.0336649	66	4.0360697	26	4.0384611	86	4.0408670	46	4.0432050
7	4.0337051	67	4.0361096	27	4.0385009	87	4.0409080	47	4.0432443
8	4.0337453	68	4.0361496	28	4.0385406	88	4.0409490	48	4.0432836
9	4.0337855	69	4.0361895	29	4.0385804	89	4.0409900	49	4.0433229
10	4.0338256	70	4.0362295	30	4.0386201	90	4.0410310	50	4.0433622
11	4.0338658	71	4.0362694	31	4.0386598	91	4.0410720	51	4.0434015
12	4.0339060	72	4.0363094	32	4.0386996	92	4.0411130	52	4.0434408
13	4.0339462	73	4.0363493	33	4.0387393	93	4.0411540	53	4.0434801
14	4.0339863	74	4.0363893	34	4.0387790	94	4.0411950	54	4.0435194
15	4.0340265	75	4.0364292	35	4.0388187	95	4.0412360	55	4.0435587
16	4.0340666	76	4.0364691	36	4.0388585	96	4.0412770	56	4.0435980
17	4.0341068	77	4.0365091	37	4.0388982	97	4.0413180	57	4.0436373
18	4.0341469	78	4.0365490	38	4.0389379	98	4.0413590	58	4.0436766
19	4.0341871	79	4.0365889	39	4.0389776	99	4.0414000	59	4.0437159
20	4.0342272	80	4.0366288	40	4.0390173	1000	4.0414410	60	4.0437551
21	4.0342673	81	4.0366688	41	4.0390570	1	4.0414820	61	4.0437944
22	4.0343075	82	4.0367087	42	4.0390967	2	4.0415230	62	4.0438336
23	4.0343476	83	4.0367486	43	4.0391364	3	4.0415640	63	4.0438729
24	4.0343877	84	4.0367885	44	4.0391760	4	4.0416050	64	4.0439121
25	4.0344279	85	4.0368284	45	4.0392157	5	4.0416460	65	4.0439514
26	4.0344680	86	4.0368683	46	4.0392554	6	4.0416870	66	4.0439906
27	4.0345081	87	4.0369082	47	4.0392951	7	4.0417280	67	4.0440299
28	4.0345482	88	4.0369481	48	4.0393348	8	4.0417690	68	4.0440691
29	4.0345883	89	4.0369879	49	4.0393744	9	4.0418100	69	4.0441083
30	4.0346284	90	4.0370278	50	4.0394141	10	4.0418510	70	4.0441476
31	4.0346685	91	4.0370677	51	4.0394537	11	4.0418920	71	4.0441868
32	4.0347086	92	4.0371076	52	4.0394934	12	4.0419330	72	4.0442260
33	4.0347487	93	4.0371475	53	4.0395330	13	4.0419740	73	4.0442652
34	4.0347888	94	4.0371873	54	4.0395727	14	4.0420150	74	4.0443044
35	4.0348289	95	4.0372272	55	4.0396123	15	4.0420560	75	4.0443437
36	4.0348689	96	4.0372670	56	4.0396520	16	4.0420970	76	4.0443829
37	4.0349090	97	4.0373069	57	4.0396916	17	4.0421380	77	4.0444221
38	4.0349491	98	4.0373468	58	4.0397312	18	4.0421790	78	4.0444613
39	4.0349892	99	4.0373866	59	4.0397709	19	4.0422200	79	4.0445005
40	4.0350292	10900	4.0374264	60	4.0398105	2	4.0422610	80	4.0445397
41	4.0350693	1	4.0374662	61	4.0398501	3	4.0423020	81	4.0445789
42	4.0351094	2	4.0375061	62	4.0398897	4	4.0423430	82	4.0446181
43	4.0351494	3	4.0375460	63	4.0399294	5	4.0423840	83	4.0446573
44	4.0351895	4	4.0375858	64	4.0399690	6	4.0424250	84	4.0446965
45	4.0352295	5	4.0376256	65	4.0400086	7	4.0424660	85	4.0447357
46	4.0352696	6	4.0376654	66	4.0400482	8	4.0425070	86	4.0447748
47	4.0353096	7	4.0377053	67	4.0400878	9	4.0425480	87	4.0448140
48	4.0353496	8	4.0377451	68	4.0401274	10	4.042589		



Pro-
blemas
Rectang.

Pro-
blemas
Obliquang.

