

分	秒	点
1	2	3
32,015	483,076	29,805
8,905,347	49,625	918,456
637,981	625,917	483,275
29,607	52,780	4,627,031
594,160	281,394	32,680
4,376,852	158,703	1,708,952
87,521	406,571	95,361
10,496	620,938	40,173

4	5
6,395,207	857,420
73,062	-762,041
69,581	205,698
50,194	540,976
892,410	-21,493
-38,956	-438,912
-3,846,172	163,785
-702,418	38,609

6	7	8	9	10
4,596,278	2,450,713	18,310	382,476	148,376
14,052	62,341	42,971	-24,530	876,924
70,938	628,093	8,109,265	672,395	952,081
129,780	49,827	587,304	-591,043	68,397
-63,465	56,910	436,589	39,612	745,260
-306,784	504,271	4,362,097	946,807	423,105
51,906	75,168	20,738	-805,971	50,813
-1,978,324	5,396,807	79,465	150,782	603,549

11	12	13	14	15
365,082	708,621	62,058	706,452	2,745,136
36,197	10,573	19,306	4,128,097	50,428
628,910	657,409	9,253,710	82,613	48,610
-470,831	396,754	-40,172	25,478	502,193
-45,709	245,086	-981,647	5,639,210	36,789
-482,375	37,914	54,783	10,734	75,031
209,614	981,240	935,827	63,901	627,849
734,251	192,835	-1,406,395	574,896	6,491,503

14,673,979	2,679,004	7,935,733	2,892,908	584,042
2,514,381	9,224,130	13,656,739	770,528	3,868,505
975,139	3,230,432	7,897,470	11,231,381	10,577,539

分

秒

点

1	2	3	4	5
6,905,873	691,427	8,654,039	73,680	92,317
70,412	530,186	46,795	5,704,139	508,936
517,368	627,092	60,279	239,018	-380,425
32,074	75,849	-209,314	47,301	761,240
254,609	93,708	-37,802	278,415	-47,508
18,540	217,584	91,420	3,620,594	869,072
81,925	138,250	-1,438,675	61,259	-234,159
1,473,689	504,963	271,853	92,846	643,571

6	7	8	9	10
8,510,379	496,851	35,981	780,341	475,980
-64,021	134,028	17,245	364,207	52,049
-7,296,840	273,169	3,576,024	431,720	10,568
78,193	139,520	21,408	958,267	137,906
81,354	507,389	160,389	-539,816	7,269,413
407,536	10,746	6,309,472	-41,058	83,126
-368,402	84,602	74,869	-502,893	4,508,361
29,715	257,498	286,590	95,674	29,457

11	12	13	14	15
975,140	2,614,397	79,508	71,543	692,048
90,285	-1,306,548	127,349	895,732	-137,260
62,039	-241,086	40,927	720,349	13,527
49,672	57,908	502,683	618,790	-84,793
8,501,367	925,780	2,413,590	65,238	753,104
7,634,129	-70,854	84,716	904,516	960,851
18,503	63,479	6,859,137	176,803	-348,295
841,236	95,132	16,045	284,051	405,612

9,354,490	2,879,059	7,438,595	10,117,252	2,213,044
1,377,914	1,903,803	10,481,978	1,546,442	12,566,860
18,172,371	2,138,208	10,123,955	3,737,022	2,254,794

分	秒	点
1	2	3
689,250	43,296	61,537
53,801	168,549	59,874
10,976	2,856,907	204,716
941,725	75,480	87,120
374,986	930,571	346,905
231,048	51,024	9,250,867
506,713	16,837	3,495,018
948,572	3,409,762	42,983

4	5
98,254	6,235,908
306,785	91,852
529,108	63,974
-295,763	-4,759,086
921,430	78,320
-284,017	-12,645
730,846	806,193
-51,673	-140,725

6	7	8	9	10
9,163,250	4,213,796	428,597	15,796	130,827
90,571	376,450	845,326	29,674	954,231
208,134	41,807	971,430	48,203	29,075
874,609	10,352	-102,953	3,420,987	581,436
2,657,483	-65,973	761,234	697,831	95,160
36,742	-2,109,685	26,809	132,045	602,918
89,435	-591,768	-593,076	1,803,596	263,745
15,087	24,089	-50,718	56,140	678,304

11	12	13	14	15
41,683	984,670	36,298	482,593	80,193
5,304,719	52,047	908,157	7,564,910	7,964,821
18,062	529,814	562,084	-2,109,658	52,036
562,834	-498,176	174,963	97,213	809,153
27,598	204,637	395,708	-85,924	5,287,304
2,916,407	-120,593	250,136	-361,087	71,460
593,270	635,701	431,682	23,608	746,352
80,741	-63,285	27,410	40,731	19,645

3,757,071	7,552,426	13,549,020	1,954,970	2,363,791
13,135,311	1,899,068	2,286,649	6,204,272	3,335,696
9,545,314	1,724,815	2,786,438	5,652,386	15,030,964

分	秒	点
1	2	3
426,839	9,105,438	209,538
743,201	760,294	24,963
560,978	28,109	4,863,059
-601,795	931,657	5,231,697
-324,860	89,012	87,410
435,087	4,827,360	70,879
12,345	43,576	625,714
-78,291	52,381	13,602

6	7	8	9	10
4,803,519	10,238	15,023	951,680	30,584
241,736	72,519	60,435	87,321	857,649
-150,368	9,257,463	308,794	-14,206	602,431
24,089	2,163,507	74,206	647,823	957,812
67,421	498,076	96,740	-230,961	41,709
82,607	81,624	149,852	-301,795	465,318
-2,631,985	39,850	8,567,913	428,569	683,027
-59,370	508,469	1,253,869	874,095	729,160

11	12	13	14	15
8,653,142	3,962,147	967,235	516,309	765,960
-789,635	603,412	86,140	371,258	520,614
91,047	40,893	54,063	432,890	956,871
-72,906	718,925	1,603,297	605,471	-13,582
38,120	89,036	4,170,958	21,095	874,023
40,263	5,831,270	39,704	890,463	-509,342
-7,419,825	94,605	948,625	67,948	-187,436
506,913	16,758	12,358	634,712	98,301

1,173,504	15,837,827	11,126,862	3,998,025	2,105,734
2,377,649	12,631,746	10,526,832	2,442,526	4,367,690
1,047,119	11,357,046	7,882,380	3,540,146	2,505,409

分	秒	点
1	2	3
7,594,862	2,536,094	83,476
385,716	910,685	1,678,042
59,620	-52,301	15,284
41,803	37,468	321,605
1,376,459	61,943	72,369
93,087	48,795	3,294,780
20,195	-276,180	509,416
203,684	-1,804,257	30,958

4	5
328,109	13,795
-105,746	735,028
692,874	258,673
19,520	736,984
-276,394	42,160
-50,768	801,752
783,145	960,314
635,012	491,508

6	7	8	9	10
78,246	87,129	8,931,576	6,435,980	569,423
40,928	629,750	-16,824	306,728	481,097
719,830	43,872	23,069	57,801	607,935
152,603	205,314	-487,920	34,286	-82,761
9,246,851	450,169	-4,209,153	91,045	849,530
85,079	981,326	71,306	50,173	50,176
4,503,167	768,035	50,271	2,146,395	-813,204
16,395	874,901	895,743	712,849	-271,698

11	12	13	14	15
4,971,205	745,862	9,483,065	2,196,742	537,982
806,479	167,395	20,391	35,298	53,047
62,534	80,217	685,970	70,159	-62,389
37,041	501,976	46,837	46,302	854,617
-3,625,794	734,809	1,308,752	91,640	-461,230
-96,218	45,380	719,204	435,829	190,478
-280,965	391,026	93,528	817,053	-235,106
18,370	428,653	64,712	8,504,367	409,578

9,775,426	1,462,247	6,005,930	2,025,752	4,040,214
14,843,099	4,040,496	5,258,068	9,835,257	1,390,498
1,892,652	3,095,318	12,422,459	12,197,390	1,286,977

分	秒	点
1	2	3
97,205	385,179	6,135,492
9,265,478	109,856	47,315
20,796	276,308	5,871,623
36,982	18,257	913,840
81,043	27,946	705,984
3,654,781	430,718	60,521
108,649	596,042	92,067
745,130	451,630	28,603

4	5
4,601,937	965,420
537,106	-691,304
-14,825	438,752
-829,713	872,934
40,951	-30,752
62,078	-507,813
98,267	89,146
-2,485,390	257,061

6	7	8	9	10
3,875,246	98,256	896,043	4,192,083	26,974
609,827	321,908	960,785	364,207	9,182,503
43,910	907,384	-17,560	215,370	-13,746
96,072	874,653	-859,423	76,841	864,520
57,103	693,814	434,912	89,513	-203,196
10,634	76,920	62,785	3,506,892	-4,731,259
529,187	160,543	107,862	40,967	57,098
9,134,528	451,027	-413,507	17,458	80,635

11	12	13	14	15
71,653	354,079	403,721	479,530	501,693
27,395	98,406	5,916,842	-53,087	4,675,802
5,180,426	185,260	-89,265	817,324	67,539
548,037	576,312	-3,741,406	-198,762	841,352
309,814	62,791	76,319	-505,126	19,078
8,764,290	980,653	28,056	326,405	70,124
43,527	842,931	-857,290	80,169	23,856
96,201	407,812	40,173	341,297	1,492,760

14,010,064	2,295,936	13,855,445	2,010,411	1,393,444
14,356,507	3,584,505	1,171,897	8,503,331	5,263,529
15,041,343	3,508,244	1,777,150	1,287,750	7,692,204

分	秒	点
1	2	3
827,130	701,523	627,834
-39,601	543,986	538,901
941,725	59,628	71,086
-387,059	37,154	15,627
-435,862	5,218,407	342,791
608,349	94,063	980,567
70,495	10,432	419,620
216,578	6,962,870	503,249

4	5
28,036	8,729,354
2,735,618	-157,908
4,901,375	40,693
50,249	-7,162,540
376,980	13,726
65,714	-85,241
92,108	79,062
154,962	308,136

6	7	8	9	10
64,107	48,503	68,173	304,598	397,408
951,362	23,684	12,405	6,457,219	802,796
490,587	97,360	1,580,923	28,601	-18,540
176,948	872,051	673,284	62,839	-567,431
613,025	3,105,746	94,520	-4,518,723	610,792
587,432	50,819	7,163,859	73,140	846,021
32,810	327,694	709,362	-46,097	39,615
406,329	2,569,871	46,057	-890,715	-254,839

11	12	13	14	15
208,431	6,270,498	60,521	852,410	56,387
59,768	-619,052	946,870	-345,968	48,012
537,906	95,318	17,386	408,617	961,203
16,730	204,736	4,823,705	687,023	3,190,645
362,578	-32,185	908,534	90,574	8,643,972
419,052	73,260	2,357,916	172,389	75,160
870,491	81,479	21,059	-16,203	408,327
621,349	-3,567,904	74,968	-574,169	84,975

1,801,755	13,628,063	3,499,675	8,405,042	1,765,282
3,322,600	7,095,728	10,348,583	1,470,862	1,855,822
3,096,305	2,506,150	9,210,959	1,274,673	13,468,681

分	秒	点
1	2	3
42,710	346,952	17,465
897,542	85,279	489,521
-234,906	4,863,720	903,617
-63,089	90,167	-482,071
8,679,125	58,302	-348,960
-3,501,497	813,746	-65,302
87,164	5,901,478	723,894
50,231	19,014	650,137

4	5
5,305,794	895,436
680,412	986,350
7,951,246	201,584
48,173	718,026
16,059	30,719
34,680	613,247
72,538	29,674
286,903	954,302

6	7	8	9	10
69,305	907,615	205,869	20,453	863,970
301,274	40,187	76,415	596,371	-430,125
6,782,051	524,096	9,831,270	24,809	-398,246
-5,430,918	813,624	20,946	3,562,781	972,014
-76,490	952,370	1,584,702	9,406,172	607,851
-835,624	438,952	31,254	857,960	-39,247
28,917	13,706	659,783	85,137	583,461
42,739	379,182	64,038	43,092	75,102

11	12	13	14	15
601,742	24,610	40,879	567,801	865,427
5,329,671	675,731	19,052	-378,082	98,312
78,034	753,198	83,726	849,536	130,987
-761,803	286,045	34,291	-93,421	43,675
90,465	40,739	102,746	281,765	8,701,349
16,582	809,523	6,345,801	10,974	5,643,092
-52,398	357,908	9,528,370	-403,629	74,560
-4,815,930	489,261	157,964	725,960	26,109

5,957,280	12,178,658	1,888,301	14,395,805	4,429,338
881,254	4,069,732	12,474,277	14,596,775	2,234,780
486,363	3,437,015	16,312,829	1,560,904	15,583,511

分	秒	点
1	2	3
892,103	978,352	265,987
9,638,452	-793,548	308,216
86,730	-81,950	52,430
-407,618	602,715	4,590,712
70,459	50,173	2,417,896
-1,759,328	914,602	61,304
21,065	-149,236	74,093
-54,326	832,064	93,568

4	5
27,035	46,832
7,465,312	907,184
82,907	376,805
59,468	524,913
61,340	738,690
708,134	425,916
910,576	72,051
2,651,893	850,726

6	7	8	9	10
36,429	57,938	59,782	160,578	42,169
574,298	8,304,175	23,165	72,109	701,342
396,021	-741,296	186,307	45,376	956,734
23,507	83,160	5,239,074	324,980	561,290
65,174	291,074	40,826	906,238	-17,983
2,904,783	-75,306	1,807,439	375,419	-745,806
87,410	69,213	456,197	427,856	-420,958
9,150,638	-2,680,549	68,950	538,061	658,037

11	12	13	14	15
194,753	690,153	758,901	62,417	479,018
79,480	879,420	26,710	857,640	9,280,536
902,864	-61,937	903,582	643,719	-302,459
1,560,382	427,518	819,356	6,132,807	-85,702
27,035	-204,756	597,043	13,295	16,270
6,289,743	813,205	43,982	90,524	-4,128,367
31,506	-531,069	620,475	8,407,293	64,985
15,872	43,678	812,634	81,059	41,367

8,487,537	2,353,172	7,864,206	11,966,665	3,943,117
13,238,260	5,308,409	7,881,740	2,850,617	1,734,825
9,101,635	2,056,212	4,582,683	16,288,754	5,365,648

分	秒	点
1	2	3
45,726	625,781	61,259
56,074	490,572	258,370
928,617	-64,905	75,634
-610,873	78,640	6,840,293
8,503,294	231,479	4,719,025
-4,197,306	-102,853	103,846
12,459	-316,098	38,197
-89,530	479,135	59,402

4	5
829,475	580,679
361,587	93,240
642,930	2,658,417
37,049	24,308
80,416	17,932
701,592	179,863
846,925	51,079
253,601	4,206,835

6	7	8	9	10
20,187	586,349	140,597	45,307	38,902
619,340	742,890	362,701	9,407,825	512,486
54,916	-54,381	78,069	-8,725,630	90,648
87,504	20,693	504,316	91,325	74,321
264,058	-901,572	836,952	-248,976	2,936,184
1,802,137	-217,806	947,526	610,592	57,063
9,527,463	938,524	91,384	84,731	9,705,841
93,672	174,063	237,810	-39,016	371,590

11	12	13	14	15
954,036	50,981	789,530	371,894	590,627
-608,127	8,906,375	56,801	506,731	81,256
547,698	-49,758	6,507,324	81,052	7,806,131
473,215	64,039	184,739	459,360	5,413,789
127,480	-971,320	71,058	692,508	56,824
-379,805	632,401	28,165	43,921	83,079
-62,958	-7,154,832	92,347	120,674	364,702
30,621	82,615	2,630,419	798,436	15,490

4,648,461	1,421,751	12,156,026	3,753,575	7,812,353
12,469,277	1,288,760	3,199,355	1,226,158	13,787,035
1,082,160	1,560,501	10,360,383	3,074,576	14,411,898