

分

秒

点

1	2	3	4	5
21,506	460,518	591,048	9,637,084	28,574
253,961	4,785	6,823,179	5,963	816,309
592,047	78,350	71,234	26,105	65,790
-40,892	36,479	30,582	-70,591	46,829
-85,024	4,902,713	25,914	-1,951,840	137,082
46,789	3,257,806	5,406,891	-284,301	60,145
37,653	341,259	7,306	9,726	72,403
208,371	19,036	60,453	43,257	903,568
-479,135	20,691	185,697	38,642	59,714
64,810	5,182	2,760	310,278	781,235

6	7	8	9	10
40,275	3,264	67,305	40,561	29,403
8,912,354	21,938	58,279	7,964,083	30,152
637,942	79,402	543,180	3,896	748,630
25,134	817,049	892,013	-38,720	256,018
9,680	5,306,178	306,752	15,604	180,947
58,067	5,817	64,921	29,435	23,591
70,498	490,756	75,894	2,148	46,379
8,136	64,325	421,967	-370,415	-85,746
1,362,709	30,561	19,406	-2,851,907	-579,028
504,681	4,152,890	30,648	687,259	-31,265

11	12	13	14	15
38,105	8,056,924	54,901	49,058	704,385
24,537	5,613	42,083	17,243	528,139
1,954	97,286	-93,250	5,120,987	96,310
640,891	5,472	615,749	3,168	41,603
8,397,046	7,436,905	-73,068	695,702	80,927
32,618	204,367	367,421	432,561	19,064
-6,759,283	18,739	124,695	8,736	27,598
-967,420	182,095	-509,837	72,410	35,716
3,904	20,134	30,185	3,504,189	853,402
-10,572	61,850	81,276	60,395	642,871

620,086	9,126,819	13,205,064	7,764,323	2,971,649
11,629,476	10,972,180	2,480,365	5,481,944	619,081
1,401,780	16,089,385	640,155	9,964,449	3,030,015

分	秒	点
1	2	3
1,405	378,420	70,329
4,608,791	-34,762	587,293
20,843	2,985,146	832,506
4,569	17,089	153,640
97,028	8,712	408,769
178,390	69,571	26,107
8,943,257	50,283	67,918
52,680	-496,105	25,481
316,472	-2,501,634	91,634
35,716	3,908	84,075
4	5	
935,046	8,614,052	
-710,583	7,321,984	
-59,601	102,537	
-78,210	80,623	
53,947	459,238	
39,172	63,915	
586,324	76,094	
67,489	68,309	
204,761	5,870	
90,825	7,461	

6	7	8	9	10
28,031	41,826	28,697	1,706,984	806,453
9,530,724	78,510	62,315	20,531	-17,236
52,986	540,198	-51,930	58,347	7,480,361
397,065	204,963	395,824	4,760	1,695
14,589	67,201	17,046	81,203	-152,903
3,140	94,538	420,791	265,189	21,589
76,418	953,067	63,208	2,076	45,062
145,879	28,359	840,175	37,450	93,407
6,901,253	316,784	-87,469	379,645	9,872
2,607	20,471	-706,253	9,681,492	-4,938,710

11	12	13	14	15
98,061	50,287	9,456,280	8,457	570,932
12,450	283,190	7,309	185,204	37,524
65,032	406,759	60,475	234,095	65,940
-74,189	54,301	748,123	92,783	810,356
130,648	69,015	-73,605	4,617,920	102,618
-76,903	1,639	1,962	5,076,841	97,264
57,294	3,417,920	15,793	30,162	43,825
280,745	5,893,476	-604,518	9,573	86,471
-354,871	74,862	-6,831,842	42,619	21,095
523,916	2,548	92,057	53,068	748,309

14,259,151	480,628	2,347,752	1,129,170	16,800,083
17,152,692	2,345,917	982,404	12,237,677	3,349,590
662,183	10,253,997	2,872,034	10,350,722	2,584,334

分	秒	点
1	2	3
20,179	83,625	73,290
79,013	9,351,047	248,761
-50,648	815,760	64,508
8,946,135	6,093	39,654
3,764	7,859	17,926
5,620	6,092,174	850,719
461,287	49,205	597,306
-1,598,302	78,342	85,172
-412,896	720,931	302,845
37,504	48,516	21,034
4	5	
695,423	76,512	
30,185	250,471	
76,930	837,026	
59,827	2,148	
827,091	49,560	
-34,516	84,309	
-63,048	4,065,193	
401,275	92,837	
-712,659	6,710	
84,702	8,753,964	

6	7	8	9	10
862,543	8,204,197	704,693	38,620	384,190
37,816	5,671	32,041	6,938	731,468
604,985	43,259	-81,634	1,470,562	69,081
7,950,364	89,730	75,829	4,098	45,729
2,346,759	2,506	12,570	15,246	502,613
1,890	65,032	-57,804	49,073	70,456
93,072	-3,910,846	139,486	7,852,319	46,523
78,104	138,924	240,368	68,104	37,901
29,710	-51,407	13,952	590,487	890,275
5,281	-327,618	-690,725	321,759	53,842

11	12	13	14	15
865,391	9,206	2,361	91,456	60,785
-10,964	1,539	50,472	6,789,210	653,249
53,087	12,096	8,593,120	4,502	827,913
91,862	64,832	6,507	548,937	14,568
279,538	53,780	209,718	-670,143	96,150
345,029	37,064	47,930	4,328	81,375
-54,270	210,985	78,043	-53,784	72,504
-702,541	2,175,648	235,684	25,096	30,492
86,419	704,315	24,196	12,709	249,016
27,603	2,896,457	7,619,845	-3,105,867	403,827

7,491,656	17,253,552	2,301,215	1,365,210	14,218,730
12,010,524	4,259,448	388,776	10,417,206	2,832,078
981,154	6,165,922	16,867,876	3,646,444	2,489,879

分

秒

点

1	2	3	4	5
39,561	18,526	9,243	85,130	214,359
14,836	25,498	495,827	853,029	21,038
9,420,187	893,157	5,347,218	9,658	917,506
41,958	150,369	65,079	52,861	35,297
-1,725,043	632,584	603,182	90,374	-78,430
387,402	76,809	34,051	2,148,907	-90,641
8,270	87,042	50,784	1,243	58,724
-967,825	69,130	1,536	3,764,580	-843,065
6,309	24,971	86,907	26,715	560,913
-50,614	407,635	7,812,690	709,426	82,671

6	7	8	9	10
95,816	18,075	70,914	14,527	3,192,570
4,237	39,534	3,851,620	41,073	5,209,781
3,502	827,061	-65,172	963,850	7,604
7,150,964	136,759	16,403	56,149	90,816
301,756	-501,968	20,538	73,982	4,352
68,170	-90,423	9,081	40,639	356,027
97,028	56,197	-304,769	628,405	48,291
3,841,695	424,810	698,245	80,517	83,167
479,362	-65,247	2,897	205,794	527,498
20,489	83,702	-2,741,359	132,968	64,013

11	12	13	14	15
10,423	8,763	143,567	5,209	470,319
923,705	5,432,971	560,973	3,471	35,826
1,570	520,184	17,209	89,015	46,580
5,824,607	89,435	90,812	720,163	280,937
-72,369	95,806	-39,740	51,687	12,095
47,093	1,602,578	-18,025	74,862	98,607
9,186	4,720	56,374	10,746	23,154
-1,508,349	13,247	-682,193	8,561,390	97,642
12,658	46,039	701,486	296,534	961,473
-635,874	561,390	24,658	5,304,928	805,761

7,175,041	2,385,721	14,506,517	7,741,923	878,372
12,063,019	928,500	1,558,398	2,237,904	9,584,119
4,612,650	8,375,133	855,121	15,118,005	2,832,394

分

秒

点

1	2	3	4	5
45,901	572,690	10,987	80,562	7,180
768,512	90,243	8,136	2,104,936	86,903
72,034	305,762	423,709	7,891	4,507,498
58,460	-69,451	9,542,318	52,780	93,217
20,896	-81,049	-54,607	695,023	920,371
41,273	953,816	-8,740,395	60,317	853,129
609,357	67,584	87,560	3,794,601	80,465
397,125	24,178	6,273	8,245	5,614,732
16,489	-810,325	62,041	237,194	6,053
530,268	36,907	-951,824	19,458	69,542

6	7	8	9	10
85,934	34,061	5,086	3,965,742	96,540
28,061	70,534	79,340	-73,194	17,203
854,709	317,658	8,031,469	839,251	5,602,431
61,324	43,269	60,172	8,920	8,370
-36,470	92,384	6,504	84,703	6,710,952
73,092	30,917	17,623	46,385	184,697
-64,815	201,895	824,915	8,064	5,318
207,158	685,402	81,294	51,406	32,789
-570,629	69,740	7,532,849	-1,607,235	59,064
142,793	856,172	308,751	-120,679	945,182

11	12	13	14	15
547,902	38,529	6,149,850	41,268	25,043
82,497	4,357	50,721	79,536	418,736
14,860	679,825	-406,378	6,874	-64,321
36,749	9,045,632	21,943	4,905,312	582,406
50,831	60,193	315,462	8,790	-90,217
506,182	6,193,780	7,806	83,624	803,169
50,243	17,208	8,197	714,950	-719,634
219,475	850,941	92,305	60,189	76,859
673,019	12,476	-84,037	2,157,043	45,380
98,326	3,064	-2,573,689	832,705	70,592

2,560,315	1,090,355	394,198	7,061,007	12,239,090
781,157	2,402,032	16,948,003	3,203,363	13,662,546
2,280,084	16,906,005	3,582,180	8,890,291	1,148,013

分

秒

点

1	2	3	4	5
680,293	7,285,904	80,631	17,963	59,026
-64,128	36,158	215,869	36,281	412,637
78,462	9,475	793,054	1,520	6,975,423
40,976	3,962	61,792	4,806,295	83,702
-629,051	76,123	57,146	-528,314	704,915
58,364	128,730	42,985	75,698	1,249
401,527	91,086	906,273	4,107	1,637,098
87,130	8,507,249	823,504	793,054	98,560
413,905	640,597	70,485	-60,732	6,385
-37,589	54,310	31,720	-2,389,406	40,178

6	7	8	9	10
26,137	349,820	784,206	5,610,943	206,895
102,594	70,341	8,102,357	68,527	187,456
61,708	91,576	920,174	-52,078	-52,790
73,415	7,864,210	1,065	39,120	25,983
498,352	26,157	6,493	26,307	71,024
51,069	2,483	34,958	1,834	94,761
310,276	7,968	40,691	-4,197,506	-37,682
49,680	705,234	4,572,310	704,692	43,905
34,805	98,605	17,832	3,485	-419,063
587,923	2,853,091	58,769	-985,714	860,531

11	12	13	14	15
93,074	5,923,746	3,915,680	52,087	902,748
3,250,169	64,501	2,764	874,593	57,612
-763,518	2,437	98,012	495,062	93,025
5,742	185,079	1,750,248	28,679	70,463
-41,869	79,280	68,495	-30,146	615,980
72,906	8,952	80,364	-593,801	27,531
486,321	51,034	639,801	16,784	830,197
7,605	307,865	71,230	47,316	61,458
34,280	10,248	542,197	-21,430	142,739
-1,908,457	9,636,182	6,573	209,158	94,806

1,029,889	16,833,594	3,083,459	2,756,466	10,019,173
1,795,959	12,069,485	14,538,855	1,219,610	981,020
1,236,253	16,269,324	7,175,364	1,078,302	2,896,559

分

秒

点

1	2	3	4	5
9,783	72,310	197,205	56,983	2,536,748
751,396	17,289	5,968	307,192	-29,651
7,304,165	40,958	83,542	721,380	370,486
30,459	364,502	8,106,753	-670,839	8,365
42,108	106,325	3,940,127	85,621	3,017
60,924	82,463	58,730	42,065	97,120
281,630	713,645	69,412	-69,154	60,514
6,571	58,197	7,094	48,507	83,901
2,598,047	920,716	31,860	514,296	-1,402,879
75,832	98,034	874,621	-93,047	-754,296

6	7	8	9	10
40,582	5,438	948,610	786,329	7,981
1,706	82,391	359,071	97,534	614,830
73,058	908,645	13,765	34,805	2,795
6,197	243,059	-20,894	752,086	5,843,276
69,340	7,836,920	84,327	120,648	62,513
214,675	57,193	-32,409	65,193	70,186
390,814	7,519,408	67,918	308,941	-4,189,305
4,902,653	61,274	31,586	49,762	48,067
86,527	20,516	-595,042	13,204	-50,629
9,128,435	4,760	107,268	51,870	-931,402

11	12	13	14	15
950,832	8,751,096	247,958	790,613	312,956
562,783	96,451	12,063	69,475	8,056,792
36,540	8,037	90,271	253,046	32,104
40,165	407,312	568,794	10,879	-41,087
25,301	30,689	43,109	48,632	3,509
-607,938	45,863	51,830	51,908	-925,478
-98,416	3,514,209	30,486	1,632,780	6,837
413,279	8,724	305,642	3,127	69,310
-79,148	829,175	689,517	5,261	71,245
42,017	62,740	76,821	2,484,590	-7,104,568

11,160,915	2,474,439	13,375,312	943,004	973,325
14,913,987	16,739,604	964,200	2,280,372	1,478,312
1,285,415	13,754,296	2,116,491	5,350,311	481,620

分	秒	点
1	2	3
975,384	8,724,091	19,240
98,503	6,340	20,876
234,018	10,827	65,407
20,346	98,546	76,391
3,546,120	9,458	618,534
1,679	67,083	854,609
10,756	235,107	430,912
2,489,165	169,273	93,165
67,890	51,932	247,018
1,427	2,508,164	28,753
4	5	
5,790	74,826	
91,607	630,457	
9,128,054	198,730	
-6,210,748	-65,012	
-67,325	43,589	
-389,462	-721,345	
52,831	43,068	
74,503	839,204	
5,189	-87,912	
403,916	10,695	

6	7	8	9	10
39,816	67,291	4,589,173	60,524	98,607
8,453	42,805	794,601	321,890	61,948
905,137	13,976	40,317	-56,019	613,829
27,048	71,503	8,952	34,678	3,870,162
2,340,691	428,061	60,835	205,789	45,291
4,276	80,345	607,328	78,136	7,534
86,702	509,432	4,235,071	19,042	-3,154,072
659,023	391,687	6,410	-547,203	-80,754
1,573,980	57,429	27,549	-61,975	-702,415
14,579	836,910	91,286	783,451	6,930

11	12	13	14	15
163,752	5,209,763	62,938	52,104	64,930
298,461	85,046	96,351	8,035,241	15,294
87,140	28,194	78,405	7,180	-20,589
6,038	-36,209	607,821	860,527	496,871
5,809,124	4,318	830,246	4,213,095	35,062
7,586	-3,971,420	51,792	61,934	28,507
51,972	53,704	925,073	78,619	-59,138
40,253	140,327	34,107	29,476	307,416
39,807	-867,951	47,692	7,863	-481,675
4,675,390	6,582	513,480	394,058	173,026

7,445,288	11,880,821	2,454,905	3,094,355	966,300
5,659,705	2,499,439	10,461,522	838,313	767,060
11,179,523	652,354	3,247,905	13,740,097	559,704

分

秒

点

1	2	3	4	5
708,256	70,569	4,618	2,609,748	48,609
16,029	65,238	30,729	-1,426,059	75,012
45,890	82,365	18,945	3,480	13,497
-30,927	26,870	1,062	715,693	259,178
91,762	5,347	27,306	82,901	196,753
-80,371	8,947,510	163,485	8,537	64,805
39,548	9,401	3,816,547	90,874	507,234
471,685	7,810,654	92,850	-34,526	40,526
-652,734	291,073	689,073	75,102	982,341
184,603	134,926	5,140,297	-891,364	37,860

6	7	8	9	10
93,750	8,314	98,702	960,215	31,925
917,834	5,194,670	7,421,930	17,309	4,602
69,248	2,793	604,813	38,027	9,287,546
-52,087	39,426	6,459	82,654	6,218
16,703	306,148	35,148	71,842	-28,094
21,078	3,758,264	1,680,574	25,931	50,479
435,196	71,085	31,297	146,579	-642,317
603,512	23,509	92,580	853,490	-3,915,780
-784,621	682,097	367,051	70,986	90,135
-40,985	10,859	9,426	203,467	367,801

11	12	13	14	15
87,564	2,178,054	60,524	2,130,475	618,095
60,498	6,802	309,487	5,923	905,471
16,984	83,426	21,793	406,219	50,136
651,230	-59,103	8,341	6,857,904	-31,280
274,319	40,572	96,058	20,647	-746,523
43,702	497,631	783,460	59,380	28,605
438,027	5,748	6,517,209	3,156	82,347
509,876	83,296	74,065	586,721	-79,052
93,651	-1,304,965	5,132	79,832	397,814
25,108	-769,180	6,182,973	41,098	24,769

793,741	17,443,953	9,984,912	1,234,386	2,225,815
1,279,628	10,097,165	10,347,980	2,470,500	5,252,515
2,200,959	762,281	14,059,042	10,191,355	1,250,382

分

秒

点

1	2	3	4	5
20,975	3,901	4,720,315	9,385	15,438
65,328	1,295	36,980	10,972	507,341
-76,450	8,206,374	47,269	34,516	89,763
10,694	70,246	5,369,840	4,075,263	63,024
649,013	-6,935,017	48,217	83,740	26,109
37,841	41,639	264,593	48,036	890,615
-21,786	785,462	6,052	9,206,154	742,986
853,172	29,548	93,781	1,798	51,274
-782,039	-58,760	801,372	954,802	130,587
594,206	-840,153	5,104	863,127	72,890

6	7	8	9	10
95,362	72,965	8,735,409	928,156	340,625
528,917	83,270	20,695	45,372	-296,740
704,153	-96,851	592,364	104,795	9,527,163
97,204	28,743	2,986,170	6,932	-7,802,419
16,028	409,176	7,916	93,027	19,508
63,780	45,017	13,578	61,405	8,036
380,529	-62,405	609,327	6,810	-61,407
231,476	190,348	68,741	37,089	5,782
40,895	-537,682	4,250	9,650,348	84,231
76,541	615,039	81,043	8,571,234	37,954

11	12	13	14	15
21,075	8,412	95,012	205,473	491,827
5,469	6,207,981	7,348	-86,751	13,762
5,403,681	46,130	360,284	145,237	20,849
89,240	167,853	49,503	-10,386	67,184
16,307	913,268	14,670	961,034	91,572
2,874,936	35,790	-30,169	-678,409	602,938
7,052	29,504	3,805	90,865	85,306
80,174	1,073,685	8,152,497	27,510	534,210
392,518	2,049	-628,759	71,928	57,401
948,623	54,827	-1,987,426	32,649	976,053

1,350,954	1,304,535	11,393,523	15,287,793	2,590,027
2,234,885	747,620	13,119,493	19,505,168	1,862,733
9,839,075	8,539,499	6,036,765	759,150	2,941,102