

分	秒			点
1	2	3	4	5
297,618	2,536	37,568	9,052	9,705
56,782	59,048	5,904	80,463	40,613
30,174	830,615	97,081	-2,348	613,085
8,301	3,897	71,240	-26,105	-4,257
819,063	7,401	23,459	81,397	-82,674
3,624	542,136	9,368	-67,814	8,590
7,295	91,720	60,821	59,630	-231,469
4,950	6,972	16,437	21,597	7,321

6	7	8	9	10
7,456	69,145	618,953	81,246	23,745
159,078	1,427	5,071	4,509	712,408
5,832	43,896	-30,492	10,478	670,986
2,369	5,783	61,253	56,732	9,015
75,940	52,960	-253,680	-24,196	68,573
490,123	81,074	7,496	-53,970	6,924
84,306	95,301	-9,142	-5,021	3,542
1,678	30,872	4,708	39,687	1,830

11	12	13	14	15
54,907	69,428	24,586	17,580	4,038
3,590	3,706	-9,651	450,239	8,970
86,037	1,054	1,362	12,846	240,156
41,928	96,381	7,190	5,367	3,781
57,461	70,238	750,849	8,014	56,849
-60,382	94,570	-376,458	893,706	21,597
-38,514	42,153	-12,903	9,123	2,356
-1,629	87,562	3,078	4,652	976,403

分

秒

点

1	2	3	4	5
385,270	62,415	628,953	281,306	32,910
2,054	-3,790	5,709	70,549	21,805
-127,548	-58,126	19,074	324,617	60,327
69,105	6,403	781,345	9,823	58,974
3,267	80,219	6,951	82,056	13,468
-1,893	29,374	40,628	1,739	4,592
4,936	58,036	4,830	5,490	56,748
-70,149	-14,758	3,127	7,165	9,031

6	7	8	9	10
4,810	3,761	83,247	40,865	61,375
8,902	9,670	164,375	36,974	56,209
1,096	572,183	316,532	1,508	9,784
7,245	6,405	80,967	59,340	40,398
170,493	54,091	9,750	72,613	-5,167
62,758	-490,328	2,095	8,179	36,452
658,349	-78,539	8,164	25,087	-17,028
15,273	-2,148	4,902	92,146	-42,810

11	12	13	14	15
3,052	23,459	58,327	540,723	78,645
298,513	78,034	39,508	7,850	31,069
417,952	6,142	360,129	9,631	7,530
60,724	30,516	7,480	-8,706	-4,372
8,503	58,297	148,072	4,075	85,806
1,697	7,804	1,756	-61,529	-46,192
69,830	95,768	5,964	16,932	-32,914
6,714	61,390	6,192	-182,349	90,728

分

秒

点

1	2	3	4	5
5,132	6,817	1,720	9,502	8,623
27,203	3,526	3,651	70,846	810,397
76,028	4,280	369,417	84,013	1,549
89,174	860,329	2,563	63,590	-35,092
64,850	19,803	8,409	-15,482	-621,740
90,745	591,476	31,087	-2,739	7,934
1,953	37,045	48,529	78,265	-6,875
13,684	5,792	850,976	-14,396	65,408

6	7	8	9	10
75,320	85,072	10,257	89,315	95,074
124,089	340,957	462,893	73,846	76,845
6,827	6,428	5,186	14,973	12,468
387,501	3,176	3,415	2,416	24,350
3,915	1,963	7,260	-48,209	3,127
90,378	29,608	-9,832	-6,520	26,783
2,496	857,193	-74,015	95,071	1,509
4,651	4,210	-369,708	-30,587	60,893

11	12	13	14	15
5,192	79,628	5,918	96,435	870,439
39,425	91,576	1,382	5,786	2,091
28,309	-5,138	5,075	-7,420	9,162
40,678	43,297	78,369	2,064	23,617
97,541	2,053	284,106	3,179	515,794
1,820	-80,517	70,594	850,912	6,840
38,067	28,904	746,930	-237,106	63,405
67,534	-31,460	3,126	-18,954	8,753

分	秒			点
1	2	3	4	5
58,940	62,983	15,630	124,853	581,462
9,826	-54,231	97,803	9,610	20,195
581,437	31,574	26,371	4,271	76,038
-38,701	-3,892	94,617	96,738	2,607
-3,264	7,140	50,982	1,046	4,970
1,579	-40,876	6,214	58,207	9,831
-270,164	25,097	9,048	280,439	5,713
2,093	51,608	43,725	6,597	943,628

6	7	8	9	10
86,471	15,096	5,081	4,539	790,582
7,563	7,508	27,695	9,687	7,823
-74,825	259,470	94,728	40,278	6,591
60,392	90,614	6,475	423,517	-5,647
-34,219	2,863	41,230	6,120	-234,809
29,074	1,386	50,369	5,013	19,460
56,108	3,724	38,701	913,482	-68,021
-8,310	394,185	14,839	79,608	4,135

11	12	13	14	15
69,318	283,145	854,613	87,315	6,034
38,275	8,761	7,986	46,137	8,420
-2,806	3,180	2,108	4,802	5,809
6,790	4,957	-5,027	30,921	3,176
51,964	29,514	-563,894	56,079	69,257
-20,197	370,863	1,260	7,250	980,316
-13,845	5,402	-74,935	58,649	24,957
57,034	67,029	20,349	12,983	531,278

分	秒			点
1	2	3	4	5
64,260	287,534	95,832	824,195	40,513
70,524	-140,396	8,290	952,346	864,092
41,973	9,183	-1,068	7,934	1,839
13,695	76,018	64,105	31,046	519,407
9,053	-82,596	-17,342	50,829	56,823
8,937	7,305	-50,679	8,670	9,782
65,812	5,469	98,413	1,507	6,350
82,701	-4,270	73,264	3,812	2,647

6	7	8	9	10
1,567	21,839	530,269	6,820	10,936
94,056	4,062	-82,145	3,614	45,627
15,928	410,859	6,318	4,752	23,786
-34,601	8,593	8,502	690,537	35,064
89,730	25,170	5,691	7,041	7,810
-2,384	168,704	-7,480	935,782	3,102
70,241	5,326	73,049	52,809	48,597
-67,395	9,647	-316,927	69,318	91,285

11	12	13	14	15
465,981	3,680	8,062	40,159	63,942
7,034	15,476	34,875	9,243	41,359
250,718	562,907	97,516	761,028	57,480
4,659	9,248	12,753	6,485	6,705
1,803	390,651	-4,309	7,138	98,021
2,960	8,513	-96,130	-2,951	30,642
76,391	2,074	49,687	-453,206	1,357
37,842	17,842	-80,425	-78,390	76,198

分	秒			点
1	2	3	4	5
59,467	529,384	4,765	4,890	5,019
12,579	836,579	49,038	26,935	-2,983
83,205	8,061	36,954	1,526	765,830
-5,317	2,390	97,502	510,473	46,208
20,731	5,714	21,765	9,284	7,461
-64,890	7,402	60,328	8,709	-70,194
8,461	60,125	3,180	642,387	-192,375
-63,048	36,719	71,849	75,031	8,652

6	7	8	9	10
3,912	29,807	91,704	31,875	457,203
864,327	83,015	2,650	27,138	85,497
42,065	812,493	73,186	39,521	2,689
-1,620	1,576	-10,297	4,950	98,132
-89,753	240,639	-9,845	56,417	1,543
6,107	5,213	37,058	80,296	6,097
5,489	4,957	-45,863	6,403	760,812
-130,874	6,780	26,429	87,064	4,130

11	12	13	14	15
53,670	89,231	15,386	6,901	846,795
14,982	-5,709	589,621	7,534	-31,950
96,805	-14,026	6,850	68,247	8,041
8,657	-50,983	470,912	21,035	-267,964
50,973	25,174	38,039	130,859	10,253
42,017	6,840	4,923	8,620	7,805
16,482	63,725	1,647	9,847	-2,317
9,314	78,394	7,402	593,716	4,938

分		秒		点	
1	2	3	4	5	
85,093	90,316	29,084	573,691	40,123	
179,802	5,034	50,971	4,528	1,874	
810,769	-21,463	-6,203	367,940	3,017	
7,543	-8,690	1,869	50,382	78,539	
51,230	753,861	43,756	8,409	35,612	
4,376	-589,204	-37,680	5,617	54,920	
5,461	7,849	83,514	9,384	96,802	
8,629	2,571	-71,295	16,072	69,768	

6	7	8	9	10
7,956	810,967	98,023	8,970	1,375
26,705	-429,503	76,542	51,028	40,283
5,893	4,612	41,378	420,716	19,746
234,018	3,461	6,195	14,603	65,081
180,963	57,826	4,708	549,287	97,520
2,740	-8,357	30,216	5,839	-3,854
49,537	-52,079	79,421	2,346	-72,906
8,164	1,840	63,850	9,613	-46,213

11	12	13	14	15
85,693	51,270	517,946	7,026	67,380
71,249	7,029	4,508	2,674	-58,194
67,813	329,584	40,913	960,758	96,053
10,294	480,695	283,659	7,583	-80,624
2,015	2,803	28,015	-3,901	14,752
8,604	63,157	1,827	-21,450	3,261
46,750	9,416	6,432	18,394	79,805
52,389	6,734	3,670	-195,683	-2,937

分	秒			点
1	2	3	4	5
149,736	63,048	79,451	4,615	67,945
5,801	20,419	-4,607	430,821	-2,139
496,318	5,937	791,268	3,269	-56,042
4,720	39,581	8,345	8,450	30,751
56,049	17,204	5,924	85,297	4,680
20,593	28,370	3,072	73,046	-25,397
3,278	4,695	-20,538	629,307	86,109
2,587	86,571	-368,190	7,591	73,814

6	7	8	9	10
690,283	586,149	91,237	389,756	80,534
487,312	-3,572	9,415	461,587	1,240
51,670	-74,026	78,653	4,018	94,783
4,912	6,850	80,742	20,954	7,619
6,847	-174,903	-45,870	7,432	69,207
8,493	5,291	93,028	1,576	82,163
3,075	8,927	-65,491	6,890	45,096
62,509	40,318	-6,102	93,102	51,378

11	12	13	14	15
30,529	6,503	185,902	860,459	91,756
4,076	30,961	1,587	7,865	2,638
15,480	29,570	57,263	51,043	85,293
27,615	38,294	90,317	9,732	540,817
-3,207	17,628	8,462	4,923	1,059
94,183	48,317	431,285	-2,108	4,986
-26,894	51,052	4,390	-56,231	327,640
-58,736	4,687	9,046	-674,980	3,102

分

秒

点

1	2	3	4	5
90,381	5,083	50,493	26,795	8,670
145,937	6,741	96,028	53,617	7,029
613,895	674,250	-3,816	7,204	10,342
8,274	10,368	17,694	30,689	6,915
6,907	-2,807	85,732	29,431	275,847
5,023	-21,594	-91,405	87,014	96,253
21,850	-239,481	-28,340	2,860	913,586
2,746	7,936	7,625	95,138	1,408

6	7	8	9	10
40,256	57,018	79,418	9,084	752,061
261,397	98,632	30,864	6,329	5,326
7,810	2,586	-68,397	-5,718	4,501
14,907	3,614	13,780	1,460	61,798
859,763	64,795	2,057	439,706	3,419
2,045	10,879	-4,923	-90,275	390,748
8,369	27,903	29,605	82,351	7,682
1,483	45,120	-51,246	-218,467	38,950

11	12	13	14	15
65,794	9,710	43,052	59,281	549,768
714,320	5,694	84,219	62,457	-184,372
7,402	3,042	29,367	3,609	1,059
2,839	78,106	-60,784	98,731	-6,407
60,283	253,981	7,156	5,860	3,192
6,015	4,328	-35,961	31,024	-57,943
485,931	20,576	14,803	80,439	5,280
8,567	934,867	-5,270	74,162	30,816

分	秒			点
1	2	3	4	5
4,897	82,354	75,348	6,925	384,562
8,305	8,160	8,257	-5,430	-3,805
483,251	5,216	59,403	69,018	2,198
617,024	896,107	87,524	10,937	6,789
73,560	3,072	60,891	49,682	-310,296
90,718	340,219	1,930	-31,754	96,157
9,163	9,453	32,076	83,172	-41,730
6,452	75,649	26,491	-42,706	5,047

6	7	8	9	10
975,238	2,731	64,503	89,630	64,019
527,816	5,290	5,968	12,457	78,932
54,671	6,403	2,834	73,814	47,201
1,308	492,185	1,790	28,041	20,385
3,746	741,892	210,456	-80,253	9,638
2,094	30,685	-7,042	-6,971	15,783
30,652	73,968	-193,867	5,396	91,465
8,910	4,015	-29,738	-62,405	2,740

11	12	13	14	15
74,036	419,783	1,063	90,421	365,807
13,708	80,652	62,870	74,013	3,571
54,120	9,176	5,304	-29,875	50,149
10,569	23,607	8,735	57,163	-147,260
42,613	4,590	839,162	3,480	1,849
9,758	2,857	427,516	-38,706	-29,653
2,843	8,364	80,947	-1,694	8,092
65,297	241,039	4,592	89,256	-6,238