

# List of amicable numbers from 1 to 20,000,000

Amicable numbers are two different numbers **a** and **b** so related that the sum of the proper divisors(\*) of **a** is equal to the sum of the proper divisors of **b** and the sum of the proper divisors of **b** is equal to the sum of the proper divisors of **a**.

(\*) A proper divisor of a number is a positive integer divisor other than the number itself.

a	b	a	b	a	b
220	284	1,328,470	1,483,850	8,619,765	9,627,915
1,184	1,210	1,358,595	1,486,845	8,666,860	10,638,356
2,620	2,924	1,392,368	1,464,592	8,754,130	10,893,230
5,020	5,564	1,466,150	1,747,930	8,826,070	10,043,690
6,232	6,368	1,468,324	1,749,212	9,071,685	9,498,555
10,744	10,856	1,511,930	1,598,470	9,199,496	9,592,504
12,285	14,595	1,669,910	2,062,570	9,206,925	10,791,795
17,296	18,416	1,798,875	1,870,245	9,339,704	9,892,936
63,020	76,084	2,082,464	2,090,656	9,363,584	9,437,056
66,928	66,992	2,236,570	2,429,030	9,478,910	11,049,730
67,095	71,145	2,652,728	2,941,672	9,491,625	10,950,615
69,615	87,633	2,723,792	2,874,064	9,660,950	10,025,290
79,750	88,730	2,728,726	3,077,354	9,773,505	11,791,935
100,485	124,155	2,739,704	2,928,136	10,254,970	10,273,670
122,265	139,815	2,802,416	2,947,216	10,533,296	10,949,704
122,368	123,152	2,803,580	3,716,164	10,572,550	10,854,650
141,664	153,176	3,276,856	3,721,544	10,596,368	11,199,112
142,310	168,730	3,606,850	3,892,670	10,634,085	14,084,763
171,856	176,336	3,786,904	4,300,136	10,992,735	12,070,305
176,272	180,848	3,805,264	4,006,736	11,173,460	13,212,076
185,368	203,432	4,238,984	4,314,616	11,252,648	12,101,272
196,724	202,444	4,246,130	4,488,910	11,498,355	12,024,045
280,540	365,084	4,259,750	4,445,050	11,545,616	12,247,504
308,620	389,924	4,482,765	5,120,595	11,693,290	12,361,622
319,550	430,402	4,532,710	6,135,962	11,905,504	13,337,336
356,408	399,592	4,604,776	5,162,744	12,397,552	13,136,528
437,456	455,344	5,123,090	5,504,110	12,707,704	14,236,136
469,028	486,178	5,147,032	5,843,048	13,671,735	15,877,065
503,056	514,736	5,232,010	5,799,542	13,813,150	14,310,050
522,405	525,915	5,357,625	5,684,679	13,921,528	13,985,672
600,392	669,688	5,385,310	5,812,130	14,311,688	14,718,712
609,928	686,072	5,459,176	5,495,264	14,426,230	18,087,818
624,184	691,256	5,726,072	6,369,928	14,443,730	15,882,670
635,624	712,216	5,730,615	6,088,905	14,654,150	16,817,050
643,336	652,664	5,864,660	7,489,324	15,002,464	15,334,304
667,964	783,556	6,329,416	6,371,384	15,363,832	16,517,768
726,104	796,696	6,377,175	6,680,025	15,938,055	17,308,665
802,725	863,835	6,955,216	7,418,864	16,137,628	16,150,628
879,712	901,424	6,993,610	7,158,710	16,871,582	19,325,698
898,216	980,984	7,275,532	7,471,508	17,041,010	19,150,222
947,835	1,125,765	7,288,930	8,221,598	17,257,695	17,578,785
998,104	1,043,096	7,489,112	7,674,088	17,754,165	19,985,355
1,077,890	1,099,390	7,577,350	8,493,050	17,844,255	19,895,265
1,154,450	1,189,150	7,677,248	7,684,672	17,908,064	18,017,056
1,156,870	1,292,570	7,800,544	7,916,696	18,056,312	18,166,888
1,175,265	1,438,983	7,850,512	8,052,488	18,194,715	22,240,485
1,185,376	1,286,744	8,262,136	8,369,864	18,655,744	19,154,336
1,280,565	1,340,235				