

1729

[https://en.wikipedia.org/wiki/1729_\(number\)](https://en.wikipedia.org/wiki/1729_(number))

British mathematician G. H. Hardy when he visited Indian mathematician Srinivasa Ramanujan in hospital. He related their conversation:

I remember once going to see him when he was ill at Putney. I had ridden in taxi cab number 1729 and remarked that the number seemed to me rather a dull one, and that I hoped it was not an unfavourable omen. "http://wiki.math.bme.huNo,"http://wiki.math.bme.hu he replied, "http://wiki.math.bme.huit is a very interesting number; it is the smallest number expressible as the sum of two cubes in two different ways."http://wiki.math.bme.hu:

$$1729 = 10^3 + 9^3 = 12^3 + 1^3$$

further examples

$4104 = 15^3 + 9^3 = 16^3 + 2^3$
 $13832 = 20^3 + 18^3 = 24^3 + 2^3$
 $20683 = 24^3 + 19^3 = 27^3 + 10^3$
 $32832 = 30^3 + 18^3 = 32^3 + 4^3$
 $39312 = 33^3 + 15^3 = 34^3 + 2^3$
 $40033 = 33^3 + 16^3 = 34^3 + 9^3$
 $46683 = 30^3 + 27^3 = 36^3 + 3^3$
 $64232 = 36^3 + 26^3 = 39^3 + 17^3$
 $65728 = 33^3 + 31^3 = 40^3 + 12^3$
 $110656 = 40^3 + 36^3 = 48^3 + 4^3$
 $110808 = 45^3 + 27^3 = 48^3 + 6^3$
 $134379 = 43^3 + 38^3 = 51^3 + 12^3$
 $149389 = 50^3 + 29^3 = 53^3 + 8^3$
 $165464 = 48^3 + 38^3 = 54^3 + 20^3$
 $171288 = 54^3 + 24^3 = 55^3 + 17^3$
 $195841 = 57^3 + 22^3 = 58^3 + 9^3$
 $216027 = 59^3 + 22^3 = 60^3 + 3^3$
 $216125 = 50^3 + 45^3 = 60^3 + 5^3$
 $262656 = 60^3 + 36^3 = 64^3 + 8^3$
 $314496 = 66^3 + 30^3 = 68^3 + 4^3$
 $320264 = 66^3 + 32^3 = 68^3 + 18^3$
 $327763 = 58^3 + 51^3 = 67^3 + 30^3$
 $373464 = 60^3 + 54^3 = 72^3 + 6^3$
 $402597 = 61^3 + 56^3 = 69^3 + 42^3$
 $439101 = 69^3 + 48^3 = 76^3 + 5^3$
 $443889 = 73^3 + 38^3 = 76^3 + 17^3$
 $513000 = 75^3 + 45^3 = 80^3 + 10^3$
 $513856 = 72^3 + 52^3 = 78^3 + 34^3$
 $515375 = 71^3 + 54^3 = 80^3 + 15^3$
 $525824 = 66^3 + 62^3 = 80^3 + 24^3$
 $558441 = 72^3 + 57^3 = 81^3 + 30^3$
 $593047 = 70^3 + 63^3 = 84^3 + 7^3$
 $684019 = 75^3 + 64^3 = 82^3 + 51^3$
 $704977 = 86^3 + 41^3 = 89^3 + 2^3$
 $805688 = 92^3 + 30^3 = 93^3 + 11^3$
 $842751 = 84^3 + 63^3 = 94^3 + 23^3$
 $885248 = 80^3 + 72^3 = 96^3 + 8^3$
 $886464 = 90^3 + 54^3 = 96^3 + 12^3$
 $920673 = 96^3 + 33^3 = 97^3 + 20^3$
 $955016 = 89^3 + 63^3 = 98^3 + 24^3$
 $984067 = 92^3 + 59^3 = 98^3 + 35^3$
 $994688 = 92^3 + 60^3 = 99^3 + 29^3$

1009736 = $93^3+59^3 = 96^3+50^3$
 1016496 = $90^3+66^3 = 97^3+47^3$
 1061424 = $99^3+45^3 = 102^3+6^3$
 1073375 = $95^3+60^3 = 102^3+23^3$
 1075032 = $86^3+76^3 = 102^3+24^3$
 1080891 = $99^3+48^3 = 102^3+27^3$
 1092728 = $94^3+64^3 = 103^3+1^3$
 1195112 = $100^3+58^3 = 106^3+16^3$
 1260441 = $90^3+81^3 = 108^3+9^3$
 1323712 = $96^3+76^3 = 108^3+40^3$
 1331064 = $101^3+67^3 = 110^3+4^3$
 1370304 = $108^3+48^3 = 110^3+34^3$
 1407672 = $105^3+63^3 = 112^3+14^3$
 1533357 = $93^3+90^3 = 109^3+62^3$
 1566728 = $114^3+44^3 = 116^3+18^3$
 1609272 = $94^3+92^3 = 113^3+55^3$
 1728216 = $118^3+44^3 = 120^3+6^3$
 1729000 = $100^3+90^3 = 120^3+10^3$
 1734264 = $108^3+78^3 = 117^3+51^3$
 1774656 = $99^3+93^3 = 120^3+36^3$
 1845649 = $120^3+49^3 = 121^3+42^3$
 2048391 = $106^3+95^3 = 127^3+2^3$
 2101248 = $120^3+72^3 = 128^3+16^3$
 2301299 = $110^3+99^3 = 132^3+11^3$
 2418271 = $116^3+95^3 = 134^3+23^3$
 2515968 = $132^3+60^3 = 136^3+8^3$
 2562112 = $132^3+64^3 = 136^3+36^3$
 2585375 = $120^3+95^3 = 135^3+50^3$
 2622104 = $116^3+102^3 = 134^3+60^3$
 2691451 = $123^3+94^3 = 139^3+18^3$
 2864288 = $121^3+103^3 = 142^3+10^3$
 2987712 = $120^3+108^3 = 144^3+12^3$
 2991816 = $135^3+81^3 = 144^3+18^3$
 3220776 = $122^3+112^3 = 138^3+84^3$
 3242197 = $138^3+85^3 = 141^3+76^3$
 3375001 = $144^3+73^3 = 150^3+1^3$
 3375008 = $141^3+83^3 = 150^3+2^3$
 3511872 = $151^3+41^3 = 152^3+4^3$
 3512808 = $138^3+96^3 = 152^3+10^3$
 3551112 = $146^3+76^3 = 152^3+34^3$
 3587409 = $122^3+121^3 = 153^3+18^3$
 3628233 = $129^3+114^3 = 153^3+36^3$
 3798613 = $130^3+117^3 = 156^3+13^3$
 3813992 = $125^3+123^3 = 156^3+26^3$
 4033503 = $150^3+87^3 = 159^3+24^3$
 4104000 = $150^3+90^3 = 160^3+20^3$
 4110848 = $144^3+104^3 = 156^3+68^3$
 4123000 = $142^3+108^3 = 160^3+30^3$
 4174281 = $153^3+84^3 = 161^3+10^3$
 4206592 = $132^3+124^3 = 160^3+48^3$
 4342914 = $137^3+121^3 = 163^3+23^3$
 4467528 = $144^3+114^3 = 162^3+60^3$
 4505949 = $157^3+86^3 = 165^3+24^3$
 4511808 = $152^3+100^3 = 165^3+27^3$
 4607064 = $135^3+129^3 = 166^3+32^3$
 4624776 = $162^3+72^3 = 165^3+51^3$
 4673088 = $164^3+64^3 = 167^3+25^3$
 4744376 = $140^3+126^3 = 168^3+14^3$
 4914000 = $165^3+75^3 = 170^3+10^3$
 4931101 = $157^3+102^3 = 165^3+76^3$
 5004125 = $165^3+80^3 = 170^3+45^3$
 5135104 = $163^3+93^3 = 172^3+36^3$
 5287707 = $171^3+66^3 = 174^3+27^3$
 5318677 = $141^3+136^3 = 174^3+37^3$

5446359 = $144^3 + 135^3 = 172^3 + 71^3$
 5462424 = $165^3 + 99^3 = 176^3 + 22^3$
 5472152 = $150^3 + 128^3 = 164^3 + 102^3$
 5639816 = $172^3 + 82^3 = 178^3 + 4^3$
 5772403 = $162^3 + 115^3 = 178^3 + 51^3$
 5799339 = $166^3 + 107^3 = 179^3 + 40^3$
 5832729 = $177^3 + 66^3 = 180^3 + 9^3$
 5835375 = $150^3 + 135^3 = 180^3 + 15^3$
 6013000 = $165^3 + 115^3 = 178^3 + 72^3$
 6017193 = $166^3 + 113^3 = 180^3 + 57^3$
 6058747 = $163^3 + 120^3 = 172^3 + 99^3$
 6230504 = $181^3 + 67^3 = 184^3 + 10^3$
 6434883 = $184^3 + 59^3 = 186^3 + 3^3$
 6445504 = $184^3 + 60^3 = 186^3 + 22^3$
 6517000 = $175^3 + 105^3 = 184^3 + 66^3$
 6742008 = $168^3 + 126^3 = 188^3 + 46^3$
 7081984 = $160^3 + 144^3 = 192^3 + 16^3$
 7091712 = $180^3 + 108^3 = 192^3 + 24^3$
 7094269 = $168^3 + 133^3 = 189^3 + 70^3$
 7365384 = $192^3 + 66^3 = 194^3 + 40^3$
 7620661 = $174^3 + 133^3 = 196^3 + 45^3$
 7640128 = $178^3 + 126^3 = 196^3 + 48^3$
 7872536 = $184^3 + 118^3 = 196^3 + 70^3$
 7882245 = $166^3 + 149^3 = 192^3 + 93^3$
 7957504 = $184^3 + 120^3 = 198^3 + 58^3$
 8029000 = $180^3 + 130^3 = 195^3 + 85^3$
 8077888 = $186^3 + 118^3 = 192^3 + 100^3$
 8131968 = $180^3 + 132^3 = 194^3 + 94^3$
 8216000 = $165^3 + 155^3 = 200^3 + 60^3$
 8275176 = $183^3 + 129^3 = 202^3 + 32^3$
 8491392 = $198^3 + 90^3 = 204^3 + 12^3$
 8493039 = $200^3 + 79^3 = 204^3 + 15^3$
 8494577 = $170^3 + 153^3 = 204^3 + 17^3$
 8587000 = $190^3 + 120^3 = 204^3 + 46^3$
 8600256 = $172^3 + 152^3 = 204^3 + 48^3$
 8647128 = $198^3 + 96^3 = 204^3 + 54^3$
 8741824 = $188^3 + 128^3 = 206^3 + 2^3$
 8849601 = $174^3 + 153^3 = 201^3 + 90^3$
 8872487 = $183^3 + 140^3 = 207^3 + 14^3$
 9016488 = $195^3 + 117^3 = 208^3 + 26^3$
 9261729 = $172^3 + 161^3 = 210^3 + 9^3$
 9443761 = $185^3 + 146^3 = 209^3 + 68^3$
 9560896 = $200^3 + 116^3 = 212^3 + 32^3$
 10036845 = $206^3 + 109^3 = 213^3 + 72^3$
 10083528 = $180^3 + 162^3 = 216^3 + 18^3$
 10202696 = $177^3 + 167^3 = 216^3 + 50^3$
 10424232 = $211^3 + 101^3 = 218^3 + 40^3$
 10469816 = $206^3 + 120^3 = 215^3 + 81^3$
 10589696 = $192^3 + 152^3 = 216^3 + 80^3$
 10648512 = $202^3 + 134^3 = 220^3 + 8^3$
 10702783 = $183^3 + 166^3 = 202^3 + 135^3$
 10765603 = $186^3 + 163^3 = 219^3 + 64^3$
 10811017 = $198^3 + 145^3 = 217^3 + 84^3$
 10821896 = $197^3 + 147^3 = 210^3 + 116^3$
 10870119 = $183^3 + 168^3 = 207^3 + 126^3$
 10962432 = $216^3 + 96^3 = 220^3 + 68^3$
 11097567 = $192^3 + 159^3 = 223^3 + 20^3$
 11261376 = $210^3 + 126^3 = 224^3 + 28^3$
 11478584 = $220^3 + 94^3 = 223^3 + 73^3$
 11548089 = $225^3 + 54^3 = 226^3 + 17^3$
 11557000 = $225^3 + 55^3 = 226^3 + 24^3$
 11855727 = $207^3 + 144^3 = 228^3 + 15^3$
 11859211 = $190^3 + 171^3 = 228^3 + 19^3$
 11985003 = $219^3 + 114^3 = 228^3 + 51^3$

12266856 = $186^3 + 180^3 = 218^3 + 124^3$
 12533824 = $228^3 + 88^3 = 232^3 + 36^3$
 12650337 = $225^3 + 108^3 = 233^3 + 10^3$
 12753160 = $194^3 + 176^3 = 233^3 + 47^3$
 12874176 = $188^3 + 184^3 = 226^3 + 110^3$
 13484016 = $231^3 + 105^3 = 238^3 + 14^3$
 13489875 = $204^3 + 171^3 = 235^3 + 80^3$
 13490533 = $229^3 + 114^3 = 238^3 + 21^3$
 13623913 = $193^3 + 186^3 = 228^3 + 121^3$
 13731319 = $231^3 + 112^3 = 238^3 + 63^3$
 13825728 = $236^3 + 88^3 = 240^3 + 12^3$
 13832000 = $200^3 + 180^3 = 240^3 + 20^3$
 13851000 = $225^3 + 135^3 = 240^3 + 30^3$
 13874112 = $216^3 + 156^3 = 234^3 + 102^3$
 13915125 = $213^3 + 162^3 = 240^3 + 45^3$
 14197248 = $198^3 + 186^3 = 240^3 + 72^3$
 14482503 = $239^3 + 94^3 = 240^3 + 87^3$
 14765192 = $240^3 + 98^3 = 242^3 + 84^3$
 14916727 = $240^3 + 103^3 = 246^3 + 31^3$
 14978061 = $214^3 + 173^3 = 246^3 + 45^3$
 15077907 = $216^3 + 171^3 = 243^3 + 90^3$
 15187041 = $218^3 + 169^3 = 225^3 + 156^3$
 15201368 = $207^3 + 185^3 = 246^3 + 68^3$
 15398936 = $213^3 + 179^3 = 246^3 + 80^3$
 15438250 = $235^3 + 135^3 = 249^3 + 1^3$
 15682680 = $222^3 + 168^3 = 241^3 + 119^3$
 16012269 = $210^3 + 189^3 = 252^3 + 21^3$
 16387128 = $212^3 + 190^3 = 254^3 + 4^3$
 16387189 = $206^3 + 197^3 = 254^3 + 5^3$
 16587207 = $236^3 + 151^3 = 255^3 + 18^3$
 16776487 = $220^3 + 183^3 = 255^3 + 58^3$
 16797375 = $215^3 + 190^3 = 255^3 + 60^3$
 16809984 = $240^3 + 144^3 = 256^3 + 32^3$
 16983854 = $231^3 + 167^3 = 257^3 + 21^3$
 17045567 = $216^3 + 191^3 = 254^3 + 87^3$
 17999072 = $209^3 + 207^3 = 246^3 + 146^3$
 18406603 = $262^3 + 75^3 = 264^3 + 19^3$
 18410392 = $220^3 + 198^3 = 264^3 + 22^3$
 18468513 = $225^3 + 192^3 = 246^3 + 153^3$
 18617625 = $257^3 + 118^3 = 265^3 + 20^3$
 18673625 = $250^3 + 145^3 = 265^3 + 40^3$
 19034379 = $258^3 + 123^3 = 267^3 + 6^3$
 19250163 = $267^3 + 60^3 = 268^3 + 11^3$
 19346168 = $232^3 + 190^3 = 268^3 + 46^3$
 20072017 = $244^3 + 177^3 = 270^3 + 73^3$
 20127744 = $264^3 + 120^3 = 272^3 + 16^3$
 20162952 = $255^3 + 153^3 = 272^3 + 34^3$
 20496896 = $264^3 + 128^3 = 272^3 + 72^3$
 20616463 = $258^3 + 151^3 = 268^3 + 111^3$
 20683000 = $240^3 + 190^3 = 270^3 + 100^3$
 20976832 = $232^3 + 204^3 = 268^3 + 120^3$
 21036743 = $230^3 + 207^3 = 276^3 + 23^3$
 21125384 = $240^3 + 194^3 = 275^3 + 69^3$
 21411000 = $270^3 + 120^3 = 275^3 + 85^3$
 21531608 = $246^3 + 188^3 = 278^3 + 36^3$
 21753576 = $276^3 + 90^3 = 279^3 + 33^3$
 21994875 = $276^3 + 99^3 = 280^3 + 35^3$
 22031576 = $252^3 + 182^3 = 273^3 + 119^3$
 22426369 = $257^3 + 176^3 = 281^3 + 62^3$
 22543417 = $273^3 + 130^3 = 282^3 + 49^3$
 22544704 = $231^3 + 217^3 = 280^3 + 84^3$
 22754277 = $252^3 + 189^3 = 282^3 + 69^3$
 22914304 = $242^3 + 206^3 = 284^3 + 20^3$
 23901696 = $240^3 + 216^3 = 288^3 + 24^3$

23934528 = $270^3 + 162^3 = 288^3 + 36^3$
 24480125 = $285^3 + 110^3 = 290^3 + 45^3$
 24666560 = $288^3 + 92^3 = 291^3 + 29^3$
 24767171 = $284^3 + 123^3 = 291^3 + 50^3$
 24858171 = $288^3 + 99^3 = 291^3 + 60^3$
 24897817 = $256^3 + 201^3 = 292^3 + 9^3$
 25164405 = $237^3 + 228^3 = 293^3 + 22^3$
 25371171 = $275^3 + 166^3 = 291^3 + 90^3$
 25766208 = $244^3 + 224^3 = 276^3 + 168^3$
 25785432 = $267^3 + 189^3 = 294^3 + 72^3$
 25937576 = $276^3 + 170^3 = 282^3 + 152^3$
 26122131 = $236^3 + 235^3 = 292^3 + 107^3$
 26506467 = $252^3 + 219^3 = 298^3 + 35^3$
 26569809 = $276^3 + 177^3 = 294^3 + 105^3$
 26856576 = $276^3 + 180^3 = 297^3 + 87^3$
 27000008 = $288^3 + 146^3 = 300^3 + 2^3$
 27000064 = $282^3 + 166^3 = 300^3 + 4^3$
 27003375 = $295^3 + 110^3 = 300^3 + 15^3$
 27015625 = $250^3 + 225^3 = 300^3 + 25^3$
 27262872 = $279^3 + 177^3 = 288^3 + 150^3$
 27445392 = $270^3 + 198^3 = 291^3 + 141^3$
 27529073 = $264^3 + 209^3 = 297^3 + 110^3$
 27831951 = $290^3 + 151^3 = 303^3 + 24^3$
 27882127 = $247^3 + 234^3 = 303^3 + 40^3$
 28094976 = $302^3 + 82^3 = 304^3 + 8^3$
 28102464 = $276^3 + 192^3 = 304^3 + 20^3$
 28149336 = $285^3 + 171^3 = 304^3 + 38^3$
 28408896 = $292^3 + 152^3 = 304^3 + 68^3$
 28658448 = $297^3 + 135^3 = 306^3 + 18^3$
 28699272 = $244^3 + 242^3 = 306^3 + 36^3$
 28703269 = $280^3 + 189^3 = 306^3 + 37^3$
 28981125 = $285^3 + 180^3 = 306^3 + 69^3$
 29025864 = $258^3 + 228^3 = 306^3 + 72^3$
 29184057 = $297^3 + 144^3 = 306^3 + 81^3$
 29503656 = $282^3 + 192^3 = 309^3 + 3^3$
 29791125 = $309^3 + 66^3 = 310^3 + 5^3$
 30388904 = $260^3 + 234^3 = 312^3 + 26^3$
 30511936 = $250^3 + 246^3 = 312^3 + 52^3$
 31256000 = $252^3 + 248^3 = 315^3 + 5^3$
 32114143 = $276^3 + 223^3 = 304^3 + 159^3$
 32268024 = $300^3 + 174^3 = 318^3 + 48^3$
 32530680 = $318^3 + 72^3 = 319^3 + 41^3$
 32832000 = $300^3 + 180^3 = 320^3 + 40^3$
 32886784 = $288^3 + 208^3 = 312^3 + 136^3$
 32973759 = $295^3 + 194^3 = 319^3 + 80^3$
 32984000 = $284^3 + 216^3 = 320^3 + 60^3$
 33108264 = $279^3 + 225^3 = 298^3 + 188^3$
 33394248 = $306^3 + 168^3 = 322^3 + 20^3$
 33652736 = $264^3 + 248^3 = 320^3 + 96^3$
 34031907 = $270^3 + 243^3 = 324^3 + 27^3$
 34743312 = $274^3 + 242^3 = 326^3 + 46^3$
 35740224 = $288^3 + 228^3 = 324^3 + 120^3$
 35938728 = $303^3 + 201^3 = 330^3 + 12^3$
 36047592 = $314^3 + 172^3 = 330^3 + 48^3$
 36050904 = $323^3 + 133^3 = 326^3 + 112^3$
 36094464 = $304^3 + 200^3 = 330^3 + 54^3$
 36856512 = $270^3 + 258^3 = 332^3 + 64^3$
 36998208 = $324^3 + 144^3 = 330^3 + 102^3$
 37384704 = $328^3 + 128^3 = 334^3 + 50^3$
 37498032 = $285^3 + 243^3 = 334^3 + 62^3$
 37955008 = $280^3 + 252^3 = 336^3 + 28^3$
 38007144 = $315^3 + 189^3 = 336^3 + 42^3$
 38253878 = $321^3 + 173^3 = 335^3 + 87^3$
 39312000 = $330^3 + 150^3 = 340^3 + 20^3$

39448808 = $314^3+204^3 = 330^3+152^3$
 39639691 = $331^3+150^3 = 339^3+88^3$
 40033000 = $330^3+160^3 = 340^3+90^3$
 40134584 = $331^3+157^3 = 340^3+94^3$
 40183262 = $339^3+107^3 = 341^3+81^3$
 40354119 = $322^3+191^3 = 343^3+8^3$
 40519115 = $278^3+267^3 = 339^3+116^3$
 40970375 = $290^3+255^3 = 335^3+150^3$
 41080832 = $326^3+186^3 = 344^3+72^3$
 41258737 = $337^3+144^3 = 345^3+58^3$
 41301953 = $306^3+233^3 = 345^3+62^3$
 41343640 = $323^3+197^3 = 344^3+86^3$
 41400639 = $279^3+270^3 = 327^3+186^3$
 41436873 = $281^3+268^3 = 345^3+72^3$
 41511232 = $334^3+162^3 = 343^3+105^3$
 41892515 = $302^3+243^3 = 347^3+48^3$
 42154840 = $327^3+193^3 = 348^3+22^3$
 42168581 = $290^3+261^3 = 348^3+29^3$
 42276843 = $298^3+251^3 = 348^3+51^3$
 42301656 = $342^3+132^3 = 348^3+54^3$
 42549416 = $282^3+272^3 = 348^3+74^3$
 43450344 = $282^3+276^3 = 339^3+165^3$
 43570872 = $288^3+270^3 = 344^3+142^3$
 43699392 = $330^3+198^3 = 352^3+44^3$
 43777216 = $300^3+256^3 = 328^3+204^3$
 43852536 = $309^3+243^3 = 352^3+62^3$
 43946000 = $285^3+275^3 = 342^3+158^3$
 43997625 = $305^3+250^3 = 353^3+22^3$
 44409995 = $339^3+176^3 = 347^3+138^3$
 45118528 = $344^3+164^3 = 356^3+8^3$
 45440551 = $312^3+247^3 = 351^3+130^3$
 45882739 = $354^3+115^3 = 358^3+3^3$
 46091997 = $301^3+266^3 = 357^3+84^3$
 46179224 = $324^3+230^3 = 356^3+102^3$
 46343059 = $326^3+227^3 = 356^3+107^3$
 46394712 = $332^3+214^3 = 358^3+80^3$
 46661832 = $354^3+132^3 = 360^3+18^3$
 46683000 = $300^3+270^3 = 360^3+30^3$
 46825128 = $324^3+234^3 = 351^3+153^3$
 47915712 = $297^3+279^3 = 360^3+108^3$
 48104000 = $330^3+230^3 = 356^3+144^3$
 48137544 = $332^3+226^3 = 360^3+114^3$
 48316662 = $333^3+225^3 = 359^3+127^3$
 48469976 = $326^3+240^3 = 344^3+198^3$
 49832523 = $360^3+147^3 = 363^3+126^3$
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 730549099 = $730^3 + 699^3$ = $811^3 + 582^3$
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 733948157 = $850^3 + 493^3$ = $901^3 + 136^3$
 734629376 = $880^3 + 376^3$ = $892^3 + 292^3$
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 739648000 = $900^3 + 220^3$ = $904^3 + 96^3$
 741025584 = $810^3 + 594^3$ = $873^3 + 423^3$
 741557943 = $799^3 + 614^3$ = $807^3 + 600^3$
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 744214049 = $857^3 + 486^3$ = $888^3 + 353^3$
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 751625000 = $825^3 + 575^3$ = $890^3 + 360^3$
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 752803408 = $726^3 + 718^3$ = $898^3 + 306^3$
 752817429 = $741^3 + 702^3$ = $909^3 + 120^3$
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 757343375 = $815^3 + 600^3$ = $860^3 + 495^3$
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 758766528 = $828^3 + 576^3$ = $912^3 + 60^3$
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 762265231 = $818^3 + 599^3$ = $908^3 + 239^3$
 764382528 = $912^3 + 180^3$ = $914^3 + 94^3$
 765851912 = $912^3 + 194^3$ = $914^3 + 132^3$
 767040192 = $876^3 + 456^3$ = $912^3 + 204^3$
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 773778096 = $891^3 + 405^3$ = $918^3 + 54^3$
 774025496 = $840^3 + 566^3$ = $908^3 + 294^3$
 774880344 = $732^3 + 726^3$ = $918^3 + 108^3$
 774988263 = $840^3 + 567^3$ = $918^3 + 111^3$
 777153663 = $831^3 + 588^3$ = $895^3 + 392^3$
 778813000 = $905^3 + 335^3$ = $920^3 + 50^3$
 779733136 = $771^3 + 685^3$ = $919^3 + 153^3$
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 781572961 = $882^3 + 457^3$ = $921^3 + 70^3$
 782490375 = $855^3 + 540^3$ = $918^3 + 207^3$
 782924203 = $768^3 + 691^3$ = $916^3 + 243^3$
 782939528 = $912^3 + 290^3$ = $920^3 + 162^3$
 783698328 = $774^3 + 684^3$ = $918^3 + 216^3$
 783982827 = $762^3 + 699^3$ = $922^3 + 59^3$
 784327752 = $804^3 + 642^3$ = $920^3 + 178^3$
 784342097 = $750^3 + 713^3$ = $921^3 + 146^3$
 784556136 = $737^3 + 727^3$ = $922^3 + 92^3$
 785078784 = $744^3 + 720^3$ = $872^3 + 496^3$
 787969539 = $891^3 + 432^3$ = $918^3 + 243^3$
 788197832 = $744^3 + 722^3$ = $921^3 + 191^3$
 788964463 = $783^3 + 676^3$ = $919^3 + 234^3$
 788966919 = $847^3 + 566^3$ = $908^3 + 343^3$
 789006673 = $904^3 + 369^3$ = $924^3 + 49^3$

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789229224 = $765^3 + 699^3$ = $922^3 + 176^3$
 789345557 = $770^3 + 693^3$ = $924^3 + 77^3$
 790203951 = $748^3 + 719^3$ = $894^3 + 423^3$
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 798150024 = $802^3 + 656^3$ = $924^3 + 210^3$
 799214689 = $921^3 + 262^3$ = $928^3 + 33^3$
 799712576 = $759^3 + 713^3$ = $920^3 + 276^3$
 800739648 = $870^3 + 522^3$ = $928^3 + 116^3$
 801584856 = $855^3 + 561^3$ = $928^3 + 134^3$
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 804360375 = $920^3 + 295^3$ = $927^3 + 198^3$ = $930^3 + 15^3$
 805688000 = $920^3 + 300^3$ = $930^3 + 110^3$
 806672113 = $830^3 + 617^3$ = $926^3 + 233^3$
 809048385 = $822^3 + 633^3$ = $874^3 + 521^3$
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 809886077 = $810^3 + 653^3$ = $932^3 + 69^3$
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 813606976 = $826^3 + 630^3$ = $888^3 + 484^3$
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 843912000 = $756^3 + 744^3$ = $945^3 + 15^3$
 845973423 = $847^3 + 620^3$ = $911^3 + 448^3$
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 858849608 = $802^3 + 700^3$ = $931^3 + 373^3$
 860616792 = $950^3 + 148^3$ = $951^3 + 81^3$
 862977024 = $924^3 + 420^3$ = $952^3 + 56^3$
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 878804416 = $924^3 + 448^3$ = $952^3 + 252^3$
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 902604339 = $787^3 + 746^3$ = $898^3 + 563^3$
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 929783582 = $939^3 + 467^3$ = $975^3 + 143^3$
 929846827 = $906^3 + 571^3$ = $976^3 + 51^3$
 930935059 = $794^3 + 755^3$ = $950^3 + 419^3$
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 932678656 = $920^3 + 536^3$ = $977^3 + 47^3$
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 958347656 = $930^3 + 536^3$ = $978^3 + 284^3$
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 964704897 = $897^3 + 624^3$ = $988^3 + 65^3$
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 988619723 = $830^3 + 747^3$ = $996^3 + 83^3$
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 1117817253 = $837^3 + 810^3$ = $981^3 + 558^3$
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 1156658048 = $863^3 + 801^3$ = $972^3 + 620^3$
 1167270776 = $926^3 + 720^3$ = $942^3 + 692^3$
 1181984832 = $900^3 + 768^3$ = $984^3 + 612^3$
 1217741768 = $899^3 + 789^3$ = $978^3 + 656^3$
 1228225789 = $870^3 + 829^3$ = $901^3 + 792^3$

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1231216119 = $863^3 + 838^3 = 990^3 + 639^3$
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1477354411 = $924^3 + 883^3 = 987^3 + 802^3$