

Armstrong Number
'Floor' of Repeating Digits

Power	Digits									
	0	1	2	3	4	5	6	7	8	9
1	0	1	2	3	4	5	6	7	8	9
2	0	2	8	18	32	50	72	98	128	162
3	0	3	24	81	192	375	648	1029	1536	2187
4	0	4	64	324	1024	2500	5184	9604	16384	26244
5	0	5	160	1215	5120	15625	38880	84035	163840	295245
6	0	6	384	4374	24576	93750	279936	705894	1572864	3188646
7	0	7	896	15309	114688	546875	1959552	5764801	14680064	33480783
8	0	8	2048	52488	524288	3125000	13436928	46118408	134217728	344373768
9	0	9	4608	177147	2359296	17578125	90699264	363182463	1.208E+09	3.487E+09
10	0	10	10240	590490	10485760	97656250	604661760	2.825E+09	1.074E+10	3.487E+10
11	0	11	22528	1948617	46137344	537109375	3.991E+09	2.175E+10	9.449E+10	3.452E+11
12	0	12	49152	6377292	201326592	2.93E+09	2.612E+10	1.661E+11	8.246E+11	3.389E+12
13	0	13	106496	20726199	872415232	1.587E+10	1.698E+11	1.26E+12	7.147E+12	3.304E+13
14	0	14	229376	66961566	3.758E+09	8.545E+10	1.097E+12	9.495E+12	6.157E+13	3.203E+14
15	0	15	491520	215233605	1.611E+10	4.578E+11	7.053E+12	7.121E+13	5.278E+14	3.088E+15
16	0	16	1048576	688747536	6.872E+10	2.441E+12	4.514E+13	5.317E+14	4.504E+15	2.965E+16
17	0	17	2228224	2.195E+09	2.921E+11	1.297E+13	2.878E+14	3.955E+15	3.828E+16	2.835E+17
18	0	18	4718592	6.974E+09	1.237E+12	6.866E+13	1.828E+15	2.931E+16	3.243E+17	2.702E+18
19	0	19	9961472	2.208E+10	5.223E+12	3.624E+14	1.158E+16	2.166E+17	2.738E+18	2.567E+19
20	0	20	20971520	6.974E+10	2.199E+13	1.907E+15	7.312E+16	1.596E+18	2.306E+19	2.432E+20
21	0	21	44040192	2.197E+11	9.236E+13	1.001E+16	4.607E+17	1.173E+19	1.937E+20	2.298E+21
22	0	22	92274688	6.904E+11	3.87E+14	5.245E+16	2.896E+18	8.602E+19	1.623E+21	2.166E+22
23	0	23	192937984	2.165E+12	1.618E+15	2.742E+17	1.816E+19	6.295E+20	1.358E+22	2.038E+23
24	0	24	402653184	6.778E+12	6.755E+15	1.431E+18	1.137E+20	4.598E+21	1.133E+23	1.914E+24
25	0	25	838860800	2.118E+13	2.815E+16	7.451E+18	7.108E+20	3.353E+22	9.445E+23	1.795E+25
26	0	26	1.745E+09	6.609E+13	1.171E+17	3.874E+19	4.435E+21	2.441E+23	7.858E+24	1.68E+26
27	0	27	3.624E+09	2.059E+14	4.864E+17	2.012E+20	2.763E+22	1.774E+24	6.528E+25	1.57E+27
28	0	28	7.516E+09	6.406E+14	2.018E+18	1.043E+21	1.719E+23	1.288E+25	5.416E+26	1.465E+28
29	0	29	1.557E+10	1.99E+15	8.359E+18	5.402E+21	1.069E+24	9.338E+25	4.488E+27	1.366E+29
30	0	30	3.221E+10	6.177E+15	3.459E+19	2.794E+22	6.632E+24	6.762E+26	3.714E+28	1.272E+30
31	0	31	6.657E+10	1.915E+16	1.43E+20	1.444E+23	4.112E+25	4.891E+27	3.07E+29	1.183E+31
32	0	32	1.374E+11	5.93E+16	5.903E+20	7.451E+23	2.547E+26	3.534E+28	2.535E+30	1.099E+32
33	0	33	2.835E+11	1.834E+17	2.435E+21	3.842E+24	1.576E+27	2.551E+29	2.092E+31	1.02E+33
34	0	34	5.841E+11	5.67E+17	1.004E+22	1.979E+25	9.741E+27	1.84E+30	1.724E+32	9.456E+33
35	0	35	1.203E+12	1.751E+18	4.132E+22	1.019E+26	6.017E+28	1.326E+31	1.42E+33	8.761E+34
36	0	36	2.474E+12	5.403E+18	1.7E+23	5.239E+26	3.713E+29	9.546E+31	1.168E+34	8.11E+35
37	0	37	5.085E+12	1.666E+19	6.989E+23	2.692E+27	2.29E+30	6.868E+32	9.606E+34	7.502E+36
38	0	38	1.045E+13	5.133E+19	2.871E+24	1.382E+28	1.411E+31	4.938E+33	7.892E+35	6.934E+37
39	0	39	2.144E+13	1.58E+20	1.179E+25	7.094E+28	8.689E+31	3.547E+34	6.48E+36	6.405E+38
40	0	40	4.398E+13	4.863E+20	4.836E+25	3.638E+29	5.347E+32	2.547E+35	5.317E+37	5.912E+39
41	0	41	9.016E+13	1.495E+21	1.983E+26	1.864E+30	3.288E+33	1.827E+36	4.36E+38	5.454E+40
42	0	42	1.847E+14	4.596E+21	8.124E+26	9.55E+30	2.021E+34	1.31E+37	3.573E+39	5.028E+41
43	0	43	3.782E+14	1.412E+22	3.327E+27	4.889E+31	1.242E+35	9.39E+37	2.926E+40	4.633E+42
44	0	44	7.741E+14	4.333E+22	1.362E+28	2.501E+32	7.623E+35	6.726E+38	2.396E+41	4.267E+43
45	0	45	1.583E+15	1.329E+23	5.571E+28	1.279E+33	4.678E+36	4.815E+39	1.96E+42	3.928E+44
46	0	46	3.237E+15	4.077E+23	2.278E+29	6.537E+33	2.869E+37	3.446E+40	1.603E+43	3.613E+45
47	0	47	6.615E+15	1.25E+24	9.309E+29	3.34E+34	1.759E+38	2.464E+41	1.31E+44	3.323E+46
48	0	48	1.351E+16	3.829E+24	3.803E+30	1.705E+35	1.078E+39	1.762E+42	1.07E+45	3.054E+47
49	0	49	2.758E+16	1.173E+25	1.553E+31	8.704E+35	6.601E+39	1.259E+43	8.742E+45	2.806E+48
50	0	50	5.629E+16	3.589E+25	6.338E+31	4.441E+36	4.041E+40	8.992E+43	7.136E+46	2.577E+49
51	0	51	1.148E+17	1.098E+26	2.586E+32	2.265E+37	2.473E+41	6.421E+44	5.823E+47	2.366E+50
52	0	52	2.342E+17	3.36E+26	1.055E+33	1.155E+38	1.513E+42	4.582E+45	4.75E+48	2.171E+51
53	0	53	4.774E+17	1.027E+27	4.3E+33	5.884E+38	9.253E+42	3.269E+46	3.873E+49	1.991E+52
54	0	54	9.728E+17	3.14E+27	1.752E+34	2.998E+39	5.657E+43	2.332E+47	3.157E+50	1.826E+53
55	0	55	1.982E+18	9.595E+27	7.139E+34	1.527E+40	3.457E+44	1.662E+48	2.572E+51	1.674E+54
56	0	56	4.035E+18	2.931E+28	2.908E+35	7.772E+40	2.112E+45	1.185E+49	2.095E+52	1.534E+55
57	0	57	8.215E+18	8.949E+28	1.184E+36	3.955E+41	1.29E+46	8.442E+49	1.706E+53	1.405E+56
58	0	58	1.672E+19	2.732E+29	4.818E+36	2.012E+42	7.874E+46	6.013E+50	1.389E+54	1.287E+57
59	0	59	3.401E+19	8.337E+29	1.961E+37	1.023E+43	4.806E+47	4.282E+51	1.13E+55	1.178E+58
60	0	60	6.918E+19	2.543E+30	7.975E+37	5.204E+43	2.932E+48	3.048E+52	9.195E+55	1.078E+59
61	0	61	1.407E+20	7.758E+30	3.243E+38	2.645E+44	1.789E+49	2.169E+53	7.479E+56	9.866E+59
62	0	62	2.859E+20	2.365E+31	1.319E+39	1.344E+45	1.091E+50	1.543E+54	6.081E+57	9.025E+60