

```

XXX   XXX   XXXX X   XXX
 X    X    X    XX   X
 X    X    X    X    X X
 X    X    X          X X
 X    X    XXX       X   X
 X    X      XX      X   X
 X    X          X   XXXXX
 X    X    X    X   X   X
 XX   XX   XX   X   X   X
      XXX   X XXXX XXX   XXX

```

n	n^2	n^3
1	1	1
2	4	8
3	9	27
4	16	64
5	25	125
6	36	216
7	49	343
8	64	512
9	81	729

a	b	a^b
1	2	1
2	3	8
3	4	81
4	5	1024
5	6	15625
6	7	279936
7	8	5764801

n	2^n
0	1
1	2
2	4
3	8
4	16
5	32
6	64
7	128
8	256
9	512
10	1024
11	2048

12	4096
13	8192
14	16384
15	32768
16	65536
17	131072
18	262144
19	524288
20	1048576

3
34
345
3456
34567
345678

3
43
543
6543
76543
876543

345678
34567
3456
345
34
3

345678
34567
3456
345
34
3

1 2 4 8 16 32 64 128
256 512 1024 2048 4096 8192 16384 32768
65536 131072 262144 524288 1.04858e+06 2.09715e+06 4.1943e+06
8.38861e+06
1.67772e+07 3.35544e+07 6.71089e+07 1.34218e+08 2.68435e+08
5.36871e+08 1.07374e+09 2.14748e+09
4.29497e+09 8.58993e+09 1.71799e+10 3.43597e+10 6.87195e+10
1.37439e+11 2.74878e+11 5.49756e+11
1.09951e+12 2.19902e+12 4.39805e+12 8.79609e+12 1.75922e+13
3.51844e+13 7.03687e+13 1.40737e+14
2.81475e+14 5.6295e+14 1.1259e+15 2.2518e+15 4.5036e+15 9.0072e+15
1.80144e+16 3.60288e+16
7.20576e+16 1.44115e+17 2.8823e+17 5.76461e+17 1.15292e+18
2.30584e+18 4.61169e+18 9.22337e+18

Total grains of rice:
1.84467e+19