

Exponent Table

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n	2^n	3^n	4^n	5^n	6^n	7^n	8^n	9^n
0	1	1	1	1	1	1	1	1
1	2	3	4	5	6	7	8	9
2	4	9	16	25	36	49	64	81
3	8	27	64	125	216	343	512	729
4	16	81	256	625	1296		4096	
5	32	243	1024	3125				
6	64	729	4096					
7	128							
8	256							
9	512							
10	1024							
11	2048							
12	4096							

.....
 $x^0 = 1$, Any number to the 0 power is 1.

$1^n = 1$, 1 to any power is 1.