Powers Chart

Powers Chart - *Base*^{Power}

	Power									
Base										
2		4	8	16	32	64	128	256	512	1024
3		9	27	81	243	729				
4		16	64	256	1024					
5		25	125	625						
6		36	216	1296						
7		49	343							
8		64	512							
9		81	729							
10		100	1000							
11		121								
12		144								
13		169								
14		196								
15		225								

$2^2 = 4$
$2^1 = 2$
$2^0 = 1$
$2^{-1} = \frac{1}{2^1} = \frac{1}{2}$
$2^{-2} = \frac{1}{2^2} = \frac{1}{4}$
$2^{-3} = \frac{1}{8}$
$2^{-4} = \frac{1}{16}$
$2^{-5} = \frac{1}{32}$
$2^{-6} = \frac{1}{64}$
$2^{-7} = \frac{1}{128}$

$3^2 = 9$
$3^1 = 3$
$3^0 = 1$
$3^{-1} = \frac{1}{3^1} = \frac{1}{3}$
$3^{-2} = \frac{1}{3^2} = \frac{1}{9}$
$3^{-3} = \frac{1}{27}$
$3^{-4} = \frac{1}{81}$
$3^{-5} = \frac{1}{243}$

$4^2 = 16$
$4^1 = 4$
$4^0 = 1$
$4^{-1} = \frac{1}{4}$
$4^{-2} = \frac{1}{16}$
$4^{-3} = \frac{1}{64}$

$5^2 = 25$
$5^1 = 5$
$5^0 = 1$
$5^{-1} = \frac{1}{5}$
$5^{-2} = \frac{1}{25}$
$5^{-3} = \frac{1}{125}$

$6^2 = 36$
$6^1 = 6$
$6^0 = 1$
$6^{-1} = \frac{1}{6}$
$6^{-2} = \frac{1}{36}$
$6^{-3} = \frac{1}{216}$

p.80-powers chart