1.2 Powers & Exponents

Power	Words	Factors	Evaluate
4^3	4 to the 3rd power 4 cubed	$4 \cdot 4 \cdot 4$	64
5^2	5 squared 5 to the 2nd power	$5 \cdot 5$	25
1^6	1 to the 6th power	$1 \cdot 1 \cdot 1 \cdot 1 \cdot 1 \cdot 1$	1
x^5	x to the 5th power	$x \cdot x \cdot x \cdot x \cdot x$	

x^3 if $x = 2$ $\quad 2^3 \quad 2 \cdot 2 \cdot 2 = 8$

$a^2 + b^3$ if $a = 5$, $b = 1$ $\quad 5^2 + 1^3 \quad 5 \cdot 5 + 1 \cdot 1 \cdot 1 = 26$

$25 + 1$

$2^4 \quad 2 \cdot 2 \cdot 2 \cdot 2 = 16$

$\left(\frac{2}{3}\right)^3 \quad \frac{2}{3} \cdot \frac{2}{3} \cdot \frac{2}{3} = \frac{8}{27}$

$\underbrace{2 \cdot 2 \cdot 2}_{2^3} \cdot \underbrace{3 \cdot 3}_{3^2}$

$2^3 \cdot 3^2$

$5 \cdot 2 \cdot 2 \cdot 2 \cdot 5$

$5^2 \cdot 2^3$