Exponent Rules!!!

$$a^{b+c} = a^b a^c$$

$$a^0 = 1$$

$$a^{b-c} = \frac{a^b}{a^c}$$

$$a^1 = a$$

$$a^{-b} = \frac{1}{a^{+b}}$$

$$(a^b)^c = a^{b \cdot c}$$

$$\sqrt[b]{a} = a^{1/b}$$