

Exponent Rules Review

$$a^m \times a^n = a^{m+n}$$

$$\left(\frac{a}{b}\right)^m = \frac{a^m}{b^m}$$

$$a^m \div a^n = a^{m-n}$$

$$(a^m)^n = a^{m \times n}$$

$$a^{-m} = \frac{1}{a^m}$$

$$(ab)^n = a^n b^n$$

$$a^0 = 1$$