

Regla

ejemplo

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

$$a^3 \cdot a^2 = a^5$$

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

$$\frac{a^8}{a^2} = a^6$$

$$(a^m)^n = a^{mn}$$

$$(a^5)^2 = a^{10}$$

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

$$(xy)^2 = x^2 \cdot y^2$$

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

$$\left(\frac{a}{b}\right)^3 = \frac{a^3}{b^3}$$

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

$$\left(\frac{5}{3}\right)^3 = \left(\frac{3}{5}\right)^{-3}$$

$$\text{si } a^b = c; \quad a = c^{\left(\frac{1}{b}\right)}$$