

LEYES DE LOS EXPONENTES



TEXAN
GLOBAL SCHOOL
Global Online Learning

$$\textcircled{1} \quad a^0 = 1$$

$$\textcircled{2} \quad a^1 = a$$

$$\textcircled{3} \quad a^{-1} = \frac{1}{a}$$

$$\textcircled{4} \quad a^{-n} = \frac{1}{a^n}$$

$$\textcircled{5} \quad a^n \cdot a^m = a^{n+m}$$

$$\textcircled{6} \quad a^n \cdot a^{-m} = a^{n-m}$$

$$\textcircled{7} \quad (a^m)^n = a^{m \cdot n}$$

$$\textcircled{8} \quad (a \cdot b)^m = a^m \cdot b^m$$

$$\textcircled{9} \quad \left(\frac{a}{b}\right)^n = \frac{a^n}{b^n}$$

$$\textcircled{10} \quad \left(\frac{a^n}{a^m}\right) = a^n \cdot a^{-m}$$

$$\textcircled{11} \quad \left(\frac{a^n}{a^m}\right) = \frac{1}{a^m \cdot a^{-n}}$$

