

Potenciação

NOME:

Sala:



Regra:	Exemplo:
$a^m \times a^n = a^{m+n}$	
$a^m \div a^n = a^{m-n}$	
$(a^m)^n = a^{m \times n}$	
$a^1 = a$	
$a^0 = 1$	
$\left(\frac{a}{b}\right)^m = \frac{a^m}{b^m}$	
$a^{-m} = \frac{1}{a^m}$	
$a^{\frac{x}{y}} = \sqrt[y]{a^x}$	

$$49^{\frac{1}{2}} = \sqrt[2]{49} = 7$$

$$17^1 = 17$$

$$\left(\frac{5}{6}\right)^2 = \frac{25}{36}$$

$$34^0 = 1$$

$$5^7 \div 5^3 = 5^4$$

$$2^5 \times 2^3 = 2^8$$

$$(10^3)^7 = 10^{21}$$

$$9^{-2} = \frac{1}{81}$$

$$2^2 =$$

$$3^0 =$$

$$3^2 =$$

$$2^3 =$$

$$4^0 =$$

$$3^3 =$$

$$2^4 =$$

$$5^0 =$$

$$3^4 =$$