

Formulario de logaritmos

$$\log_a b = c \Leftrightarrow a^c = b$$

$$\log_a 0 = \nexists$$

$$\log_a 1 = 0 \quad (a^0 = 1)$$

$$\log_a a = 1 \quad (a^1 = a)$$

$$\log_a P + \log_a Q = \log_a (P \cdot Q)$$

$$\log_a P - \log_a Q = \log_a \left(\frac{P}{Q} \right)$$

$$k \cdot \log_a P = \log_a (P)^k$$

$$\log_a P = \frac{\log_b P}{\log_b a}$$

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