

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

$$\log_{10} \Rightarrow \log$$

$$\log_e \Rightarrow \ln$$

$$\log_a a = 1$$

$$\log_a 1 = 0$$

$$\log 10 = 1$$

$$\ln e = 1$$

$$\log a + \log b = \log [ab]$$

$$\log a - \log b = \log \left[\frac{a}{b} \right]$$

$$\log [a^b] = b \log a$$

$$[x^a]^b = [x^b]^a = x^{ab}$$

$$x^a x^b = x^{a+b}$$

$$\frac{x^a}{x^b} = x^{a-b}$$

$$x^{\frac{a}{b}} = \sqrt[b]{x^a}$$

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

$$e^0 = 1$$

$$e^{-\infty} = 0$$

$$e^{\infty} = \infty$$

$$\frac{\infty}{\text{numero}} = \infty$$

$$\frac{\text{numero}}{\infty} = 0$$

$$\frac{0}{\text{numero}} = 0$$

$$\frac{\text{numero}}{0} = \infty$$