

Hukum Logaritma

Laws of Logarithms

Bagi / For $a > 0, a \neq 1$,

$$\log_a N = x \Leftrightarrow N = a^x$$

$$\log_a 1 = 0$$

$$\log_a a = 1$$

$$\log_a xy = \log_a x + \log_a y$$

$$\log_a \frac{x}{y} = \log_a x - \log_a y$$

$$\log_a b^n = n \log_a b$$

$$\log_a b = \frac{\log_c b}{\log_c a}$$

$$\log_a b = \frac{1}{\log_b a}$$