

# Matemática

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$$x=2 \tag{1}$$

$$\left(\frac{a}{b}\right) \tag{2}$$

$$3^2 \tag{3}$$

$$\sqrt[3]{(4+4)} \tag{4}$$

$$\log_3 8 \rightarrow \cdots \tag{5}$$

$$\lim_{x \rightarrow 1}(x^3-3) \tag{6}$$

$$\lim_{x \rightarrow 2} \sqrt{x^4-8} \tag{7}$$

$$\lim_{x \rightarrow -3} \frac{x^2-9}{x+3} \tag{8}$$

$$\lim_{x \rightarrow \infty} \frac{1}{2x} \tag{9}$$

$$\int (e^{-x}+2^x)dx \tag{10}$$

$$\int_a^b f(x)dx = F(b) - F(a) \tag{11}$$

$$\int_a^b f(x)dx = F(b) - F(a) \tag{12}$$

$$\vec{F} = -G\frac{m_1m_2}{r^2}\hat{r}. \tag{13}$$

$$6,6 \times 10^{-11} \frac{m^3}{Kg^{-1}s^{-2}} \tag{14}$$

$$\left(\frac{a}{b}\right)\left[\frac{a}{b}\right]\left\{\frac{a}{b}\right\} \tag{15}$$

$$\frac{d}{dt}\left(mr^2\frac{d\theta}{dt}\right)=0 \tag{16}$$

$$f(t) = \frac{1}{2} = \frac{\cos \frac{\pi}{3}}{2\pi} \sum_{-\infty}^{\infty} \frac{1}{n} e^{Bn2\pi t} \quad (17)$$

$$\begin{pmatrix} a & b \\ c & d \end{pmatrix} \quad (18)$$

$$\begin{pmatrix} a & b & c \\ d & e & f \\ g & h & i \end{pmatrix} \quad (19)$$

$$\begin{pmatrix} x & y & z \\ w & h & r \end{pmatrix} \quad (20)$$