

Superscripts and subscripts

$$2x^3$$

$$2x^{34}$$

$$2x^{3x+4}$$

$$2x^{3x^4+5}$$

$$x_1$$

$$x_{12}$$

$$x_{1_2}$$

$$a_0, a_1, \dots, a_n$$

Greek letters

$\alpha \beta \gamma \delta \epsilon \zeta \eta \theta \iota \kappa \lambda \mu \nu \xi \pi \rho \sigma \tau \upsilon \phi \chi \psi \omega$

Uppercase Greek letters

$\Gamma \Delta \Theta \Lambda \Xi \Pi \Sigma \Upsilon \Phi \Psi \Omega$

Trigonometry functions

$$y = \sin x$$

$$y = \cos x$$

$$y = \tan x$$

$$y = \sin^{-1} x$$

$$y = \arccos x$$

Logarithms

$$y = \ln x$$

$$y = \log x$$

$$y = \log_n x$$

Roots

$$\sqrt{x}$$

$$\sqrt[n]{x}$$

$$\sqrt{x^2 + y^2}$$

Fractions

$$\frac{a}{b} \quad \frac{a}{b}$$

$$\frac{2}{3}$$