

Superscripts

$$2x^3$$
$$2x^3 + 2$$
$$2x^{32}$$
$$2x^{x^{21}}$$

Subscripts

$$x_1$$
$$x_{1_2}$$
$$x_{1_2_3}$$
$$a_0, a_1, a_2, \dots, a_{100}$$

Greek Letters

$$\pi$$
$$\Pi$$
$$\alpha$$
$$\theta$$
$$\Theta$$

Area of Circle :  $A = \pi r^2$

Trig Functions

$$y = \sin x$$
$$y = \cos x$$
$$y = \csc \theta$$
$$y = \sin^{-1} x$$

Log Functions

$$\log x$$
$$\log_5 x$$
$$\ln x$$

Roots

$$\sqrt{2}$$
$$\sqrt[3]{2}$$
$$\sqrt{2 + \sqrt[3]{x}}$$

Fractions

$$\frac{1}{2}$$
$$\frac{1}{\frac{1}{x^2+1}}$$

About  $\frac{2}{3}$  of the glass is Full

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