

superscripts

$$2x^3$$
$$2x^{34}$$
$$2x^{3x^4+5}$$

subscripts

$$x_1$$
$$x_{12}$$
$$x_{1_2}$$
$$a_0, a_1, a_2 \dots, a_{100}$$

Greek Letters

$$\pi$$
$$\Pi$$
$$A = \pi r^2$$

Trigonometric functions

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

Log functions

$$y = \log x$$
$$y = \log_{10} x$$

Root

$$\sqrt{36}$$
$$\sqrt[3]{27}$$
$$\sqrt[3]{1 + \sqrt{x^3 + x^7}}$$

Fractions

$$\frac{1}{5}$$

About  $\frac{2}{3}$  of earth is made up of water. About  $\frac{2}{3}$  of glass is full.

$$\frac{\sqrt{x+1}}{\sqrt{x+2}}$$
$$\sqrt{\frac{x+1}{x+3}}$$
$$\frac{1}{1+\frac{1}{x}}$$