superscripts:

$$2x^3$$

$$2x^34$$

$$(x_1 - 1)^3$$

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

$$\log_x(5)$$

[1]

$$\pi$$

$$\alpha\gamma$$

$$y = \sin x$$

$$\ln\left(\frac{\pi}{2}\right)$$

About $\frac{2}{3}$ of the glass is full already.

$$3\left(\frac{2}{5}\right)$$

$$3\left[\frac{2}{5}\right]$$

$$\left|\frac{x+1}{x+1}\right|$$

Just so that it does not look weird:

x	1	2	3	4
$f(x)$	10	2 0	30	40

$$\begin{aligned} 5x^2 - 9 &= x + 3 && (1)\\ 4x^2 &= 12 && (2)\\ x^3 &= 3 && (3)\\ x &\approx \pm 1.732 && (4) \end{aligned}$$

1. pencil
2. calculator

[1] newone

3. ruler

    (a) notebook

    (b) graph paper

commutative: $a(a+b) = a.a + a.b$