

Math is tough to communicate on the web. Here are some equivalent ways to express math expressions in email, chat, and discussion boards:

**If You Want:**

**You Type:**

$$9\pi$$

$$9\text{pi}$$

$$x^2 + 4x - 3$$

$$x^2 + 4x - 3$$

$$a^2 - b^2$$

$$a^2 - b^2$$

$$(a + b)^3$$

$$(a + b)^3$$

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

$$\text{sqrt}(2x + 3)$$

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

$$\text{sqrt}(2x) + 3$$

$$\sqrt[3]{\frac{a}{b}}$$

$$\text{cbrt}(a/b)$$

$$|x - 4|$$

there's a vertical bar on your keyboard;  
if not, use  $\text{abs}(x - 4)$

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

$$a/b$$

$$\frac{x + 3}{y - 4}$$

$$(x + 3) / (y - 4)$$

$$\frac{x + 3}{y} - 4$$

$$(x + 3) / y - 4$$

$$\int (x^2 + 5x) dx$$

$$\text{Int}[x^2 + 5x]$$

$$\int_3^7 e^x dx$$

$$\text{Int}[3, 7, e^x]$$