

Instruction Manual

Math Expression

How to input math expression

Polynomial Function:

$$f(x) = 3x^4 + 4x^3 - 2x^2 + 3x - 5$$

$$f(x) = 3x^4 + 4x^3 - 2x^2 + 3x - 5$$

$$f(x) = \pi x$$

$$f(x) = \pi x$$

Exponential Function:

$$f(x) = 2^x$$

Click on [Graphing Exponential Function \$y = b^x\$ and \$y = e^x\$](#)

$$f(x) = 3^{(x-4)}$$

Click on [Graphing Exponential Function \$y = b^x\$ and \$y = e^x\$](#)

$$f(x) = e^{x+3}$$

Click on [Graphing Exponential Function \$y = b^x\$ and \$y = e^x\$](#)

Log and Ln Function:

$$f(x) = \log(x)$$

$$f(x) = \text{LOG}(x)$$

$$f(x) = \log(2x - 4)$$

$$f(x) = \text{LOG}(2x - 4)$$

$$f(x) = 8\log(2x - 4)$$

$$f(x) = 8\text{LOG}(2x - 4)$$

$$f(x) = 25\ln(2x - 4)$$

$$f(x) = 25\text{Ln}(2x - 4)$$

$$f(x) = 32\log(2x - 4) + 7$$

$$f(x) = 32\text{LOG}(2x - 4) + 7$$

Rational Function:

$$f(x) = \frac{1}{x}$$

$$f(x) = 1/x$$

$$f(x) = \frac{x}{x-2}$$

$$f(x) = x/(x - 2)$$

$$f(x) = \frac{3x+4}{4x-5}$$

$$f(x) = (3x+4)/(4x-5)$$

Function Involving Root:

$$f(x) = \sqrt{x+2}$$

$$f(x) = \sqrt{x+2}$$

$$f(x) = \sqrt{3x+2} - 5$$

$$f(x) = \sqrt{3x+2} - 5$$

$$f(x) = 4\sqrt{3x+2} - 5$$

$$f(x) = 4\sqrt{3x+2} - 5$$

$$f(x) = 7\sqrt[3]{3x+2} - 5$$

$$f(x) = 7\sqrt[3]{3x+2} - 5$$

$$f(x) = 8\sqrt[4]{3x+2} - 5$$

$$f(x) = 8\sqrt[4]{3x+2} - 5$$

$$f(x) = 8\sqrt[n]{3x+2} - 5$$

$$f(x) = 8(3x+2)^{(1/n)} - 5$$

Trigonometric Function:

If x is the number of radians:

$$f(x) = 3\sin x + 3$$

$$f(x) = 3\sin(x) + 4$$

$$f(x) = 3\sin(2\pi x + 5)$$

$$f(x) = 3\sin(2\pi x + 5)$$

$$f(x) = 3\tan(2\pi x + 5)$$

$$f(x) = 3\tan(2\pi x + 5)$$