

Writing Math Expressions

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1 Inline math

Inline math: $f(x) = 5x * 3 = \frac{5x}{3}$

Cdot: $f(x) = 5x \cdot 3$

Everyone know: $2 + 2 \neq 5$.

Also, we have $\sqrt[3]{27}$ is 3.

This is a uncapitalized lambda λ . This is a capitalized one Λ .

2 Display math

Same content, change \$ sign to the below.

$$f(x) = 5x * 3 = \frac{5x}{3}$$

This is a second degree polynomial:

$$f(x) = a_2x^2 + a_1x + a_{00}$$

3 Trigonometric function

$\sin 2$

$\sin(2)$

Notice to use "Detexify" to handwriting symbol: $\pm\rho$