Packages

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1 Inline Math

The formula $F = ma$ is an inline equation.

2 Equation and Align Environments

This equation uses the equation environment:

$$y = mx + b$$

These equations uses the align environment:

$$3x - 2x = 15$$
$$x = 15$$

3 Common Math Features

$$f(x) = x^2$$
$$g(x) = \frac{1}{x}$$
$$F(x) = \int_b^a \frac{1}{3} x^3$$
$$h(x) = \frac{1}{\sqrt{x}}$$
$$h(x) = \left(\frac{1}{\sqrt{x}} \right)$$

4 Matrices

$$\begin{matrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{matrix}$$

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