

Math is used for writing a mathematical equation. There are multiple ways you can insert an equation.

Inline equation $y = ax + b$ will insert the equation in between sentences.

Display equation

$$y = ax + b$$

will insert the equation in the new line.

This is not equal to

Display equation

$$y = ax + b$$

will insert the equation in the new line.

You can see, using $\$ \dots \$$ with a new line will result in a new paragraph while $\$ \$ \dots \$ \$$ won't.

Now, there are three ways you can do **inline equation**.

1. $y = ax + b$

2. $y = ax + b$

3. $y = ax + b$

And there are the ways for **Display equation**.

1.

$$y = ax + b$$

2.

$$y = ax + b$$

3.

$$y = ax + b$$

4.

$$v = ax + b \tag{1}$$

Note that \LaTeX is not recommended to use $\$ \$ \dots \$ \$$ anymore.