

Hello! This is my first L^AT_EX document.

A rectangle has side lengths of $(x + 1)$ and $(x + 3)$. The equation

$$A(x) = x^2 + 4x + 3$$

gives the area of the rectangle. You can see how the use of the double dollar sign places the math equation into its full own line.

If I write an equation with a single dollar sign it goes inline $x + y^2 + z = 1x + y + \cos 3$. You can see how it wraps around.

If I add curly brackets you can how it goes on a new line instead $x + y^2 + z = 1x + y + \cos 3$. It doesn't wrap around.

By default the first line of a paragraph is indented. If I add a single newline, it continues on the same line.

If I add two newlines, it goes onto the next line but indents.

If I add a single newline and double slashes, it goes onto a new line, but doesn't indent.

If I add double slashes and a double newline, it adds a full space and indents again.