This is my first LaTeX document.

Suppose we are given a rectangle with side lengths $(x + 1)$ and $(x + 3)$. Then the equation $A = x^2 + 4x + 3$ represents the area of the rectangle.

Suppose we are given a rectangle with side lengths $(x + 1)$ and $(x + 3)$. Then the equation

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

represents the area of the rectangle.