This is my first LaTex document.

Suppose we are give 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 give a rectangle with side lengths (x+1) and (x+3). Then

the equation

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

represents the area of the rectangle.