

Hello world!  
This is my first LaTeX code.  
A rectangle has side lengths of  $(x+1)$  and  $(x+3)$

Hello world!  
This is my first  $\text{\LaTeX}$  code.  
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.  
The equation

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

gives the area of the rectangle.