

[1st Paragraph] Hello World!! This is a L<sup>A</sup>T<sub>E</sub>X Document.

[2nd Paragraph] A rectangle has side lengths of  $(x + 1)$  and  $(x + 3)$  (inline equation). The (block level) equation

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

gives the area of this rectangle.