Hello, world!

1 Simple Example

This is an inline formula: $\alpha = 2, \mathcal{A} = 3$, and this is a display formula:

$$(x + y) \cdot (x - y) = x^2 - y^2$$

We can make *italic* and **boldface.**

1.1 Integration

Another display math:

$$\int_0^1 x \, dx = \frac{1}{2}.$$

1.1.1 Goals

Students should know:

1. How to count numbers

2. How to add and subtract

3. How to multiply and divide