## Hello, World!

your name goes here

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## 1 Inline Math

One of the trigonometric sum identities is  $\sin(x) + \sin(y) = 2\sin(\frac{x+y}{2})\cos(\frac{x-y}{2})$ .

## 2 Separate Math

$$\forall x \in X, \quad \exists y \le \epsilon$$

## 2.1 Product Rule

If f and g are differentiable at x, then

$$\frac{d}{dx}(f(x)g(x)) = f'(x)g(x) + f(x)g'(x)$$