

# Formulas exercise

Me, myself and I

November 17, 2023

## Formulas and mathematical notation

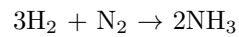
$$E = mc^2$$

$$2x - 6 = 8$$

$$2x = 8 + 6$$

$$x = \frac{8 + 6}{2}$$

$$x = 7$$



$$R = \frac{L}{\sigma A} = \frac{\rho L}{A} \tag{1}$$

Equation 1 describes electrical resistance. The symbol  $\sigma$  is called sigma,  $\rho$  is called rho.

$\mathbb{N}$  denotes the set of natural numbers. Therefore,  $\mathbb{N} = \{1, 2, 3, \dots, \infty\}$