Spring Scale Lab

- Whiteboard
    - Data → 6 points
    - Graph → function of best fit

        → equation for function
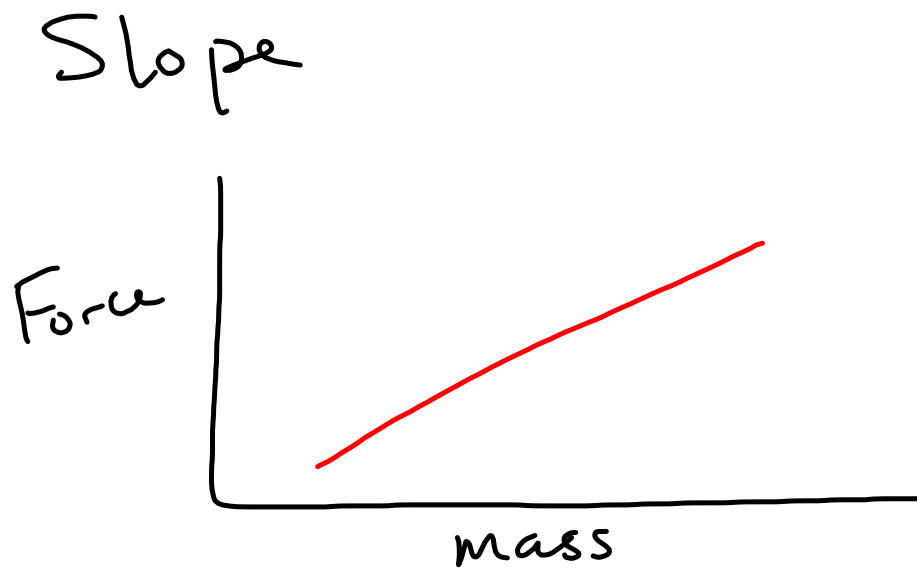
Slope

mass

$$\text{slope} = \frac{\text{Force}}{\text{mass}} = \text{acceleration}$$

$$\left(0.01\ \frac{N}{g}\right)\left(\frac{1000\,g}{1\,kg}\right) = 10\ \frac{N}{kg}$$

$$N = kg \cdot \frac{m}{s^2}$$