

$$y = mx + b$$

↑
slope

← y-intercept

Slope = m = rate of change

$$\frac{\Delta y}{\Delta x} \quad \text{or} \quad \frac{y_2 - y_1}{x_2 - x_1} \quad \text{or} \quad \frac{\text{rise}}{\text{run}}$$

Δ = Change

↑
"slope formula"

$$\text{Equivalent ratios} = \frac{3}{4} = \frac{6}{8}$$

$$\text{Proportion} = \frac{3}{x} = \frac{6}{8}$$