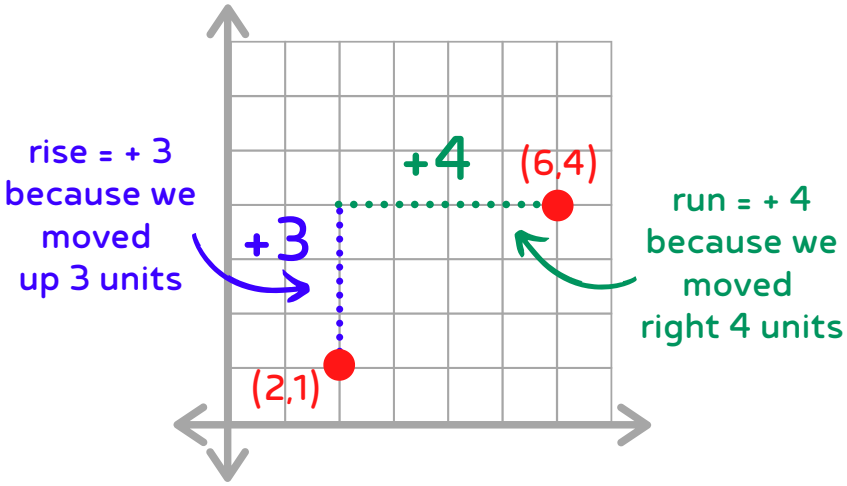
Finding Slope

The slope describes how steep a line is and is the ratio of the vertical change to the horizontal change

$$\text{SLOPE} = \frac{\text{RISE}}{\text{RUN}} = \frac{Y_2 - Y_1}{X_2 - X_1}$$

FINDING SLOPE USING GRAPH



$$\text{SLOPE} = \frac{\text{RISE}}{\text{RUN}}$$

$$\text{SLOPE} = \frac{3}{4}$$

FINDING SLOPE USING EQUATION

$(2, 1)$ $(6, 4)$

x_1 y_1 x_2 y_2

label coordinates with

x_1 y_1 x_2 y_2

$$\text{SLOPE} = \frac{Y_2 - Y_1}{X_2 - X_1} = \frac{4 - 1}{6 - 2}$$

$$\text{SLOPE} = \frac{3}{4}$$