

How to find Slope

- Graph
- Rate of Change
- Positive $\uparrow \rightarrow$ Increase, Negative $\downarrow \rightarrow$ decrease
- Change in Y / Change in X $\frac{Y}{X}$
- Left to Right
- Slope w/o a graph
- Rise/fall / run
- Straight

$$\frac{Y_2 - Y_1}{X_2 - X_1}$$

not function

$(x_1, y_1) (x_2, y_2)$

NO DECIMALS

Run to the Right. $\frac{3}{12} = \text{Simplify}$

- LINEAR

- Constant NO MIXED

- FOR FREE #s

$$Y = kx \quad Y = \underline{m}x$$

- Pay attention to scale $y = \frac{1}{2}x$