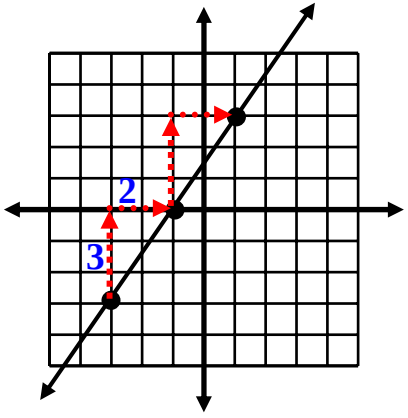
Graph

Two Points on a Line

Table of Values



$$m = \frac{rise}{run} = \frac{3}{2}$$

(-2, 4) and (3, -6)

Slope Formula

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

Substitute Ordered Pairs and Simplify

$$m = \frac{-6 - 4}{3 - (-2)}$$

$$m = \frac{-10}{5} = \frac{-2}{1}$$

$$m = -2$$

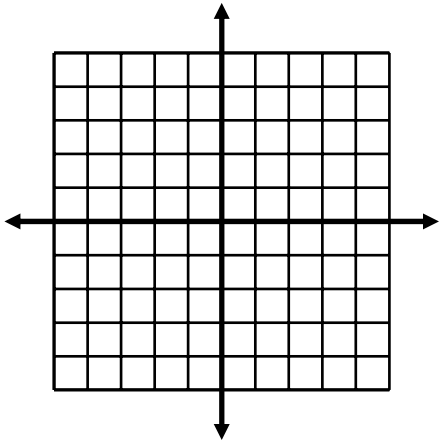
x (run)	*y* (rise)
-4	-2
-2	-1
0	0
2	1
4	2

2 2 2 2 — 1 1 1 1

$$m = \frac{1}{2}$$

Three Ways to Find SLOPE

Graph	**Two Points on a Line**	**Table of Values**



(-2, 4) and (3, -6)

Use The Slope Formula

Substitute Ordered Pairs In The Slope Formula, and Simplify

x ***(run)***	***y*** ***(rise)***

Three Ways to Find SLOPE