

Slope Activity

WHAT IS SLOPE?

* The ratio of the change in the y-coordinates to the change in the x-coordinates

$$* m = \frac{\text{rise}}{\text{run}}$$

* Rate of change:

$$\frac{\Delta y}{\Delta x}$$

* Slope Formula:

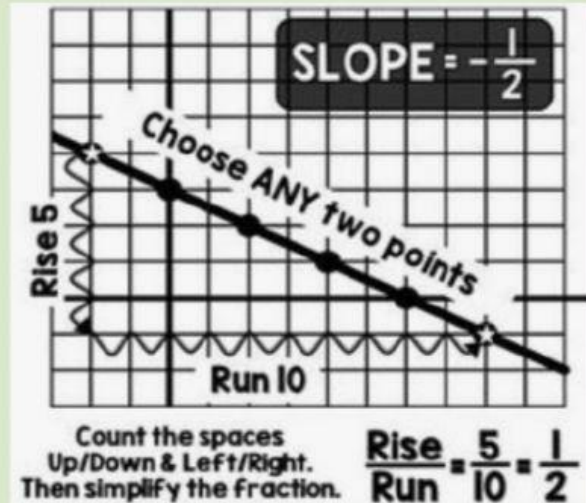
$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

FINDING SLOPE FROM A GRAPH

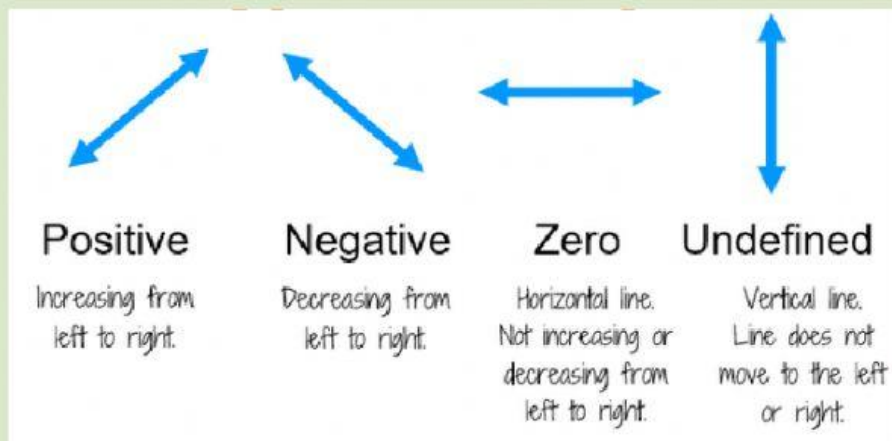
* Look at the direction of the line:
"tilted up" : positive slope
"titled down" : negative slope

* Choose any two points, count the Spaces Up/Down and Left/Right

* Simplify the fraction



TYPES OF SLOPE



Slope Activity

Find the slope of each line

