Slope Activity

WHAT IS SLOPE?

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

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

* Rate of change: $\frac{\Delta y}{\Delta x}$

* Slope Formula:

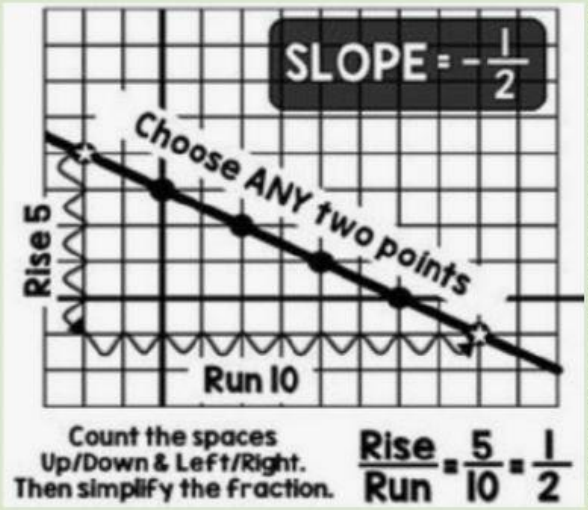
$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

FINDING SLOPE FROM A GRAPH

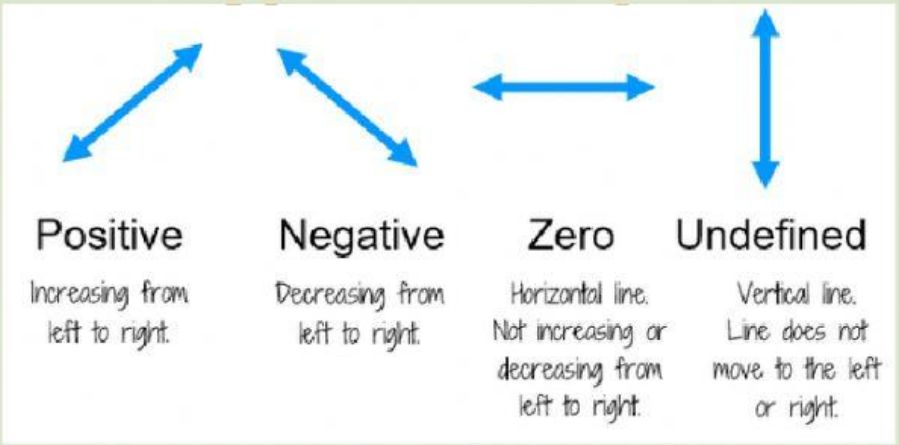
* Look at the direction of the line:
  "tilted up" : positive slope
  "titled down" : negative slope

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

* Simplify the fraction



TYPES OF SLOPE



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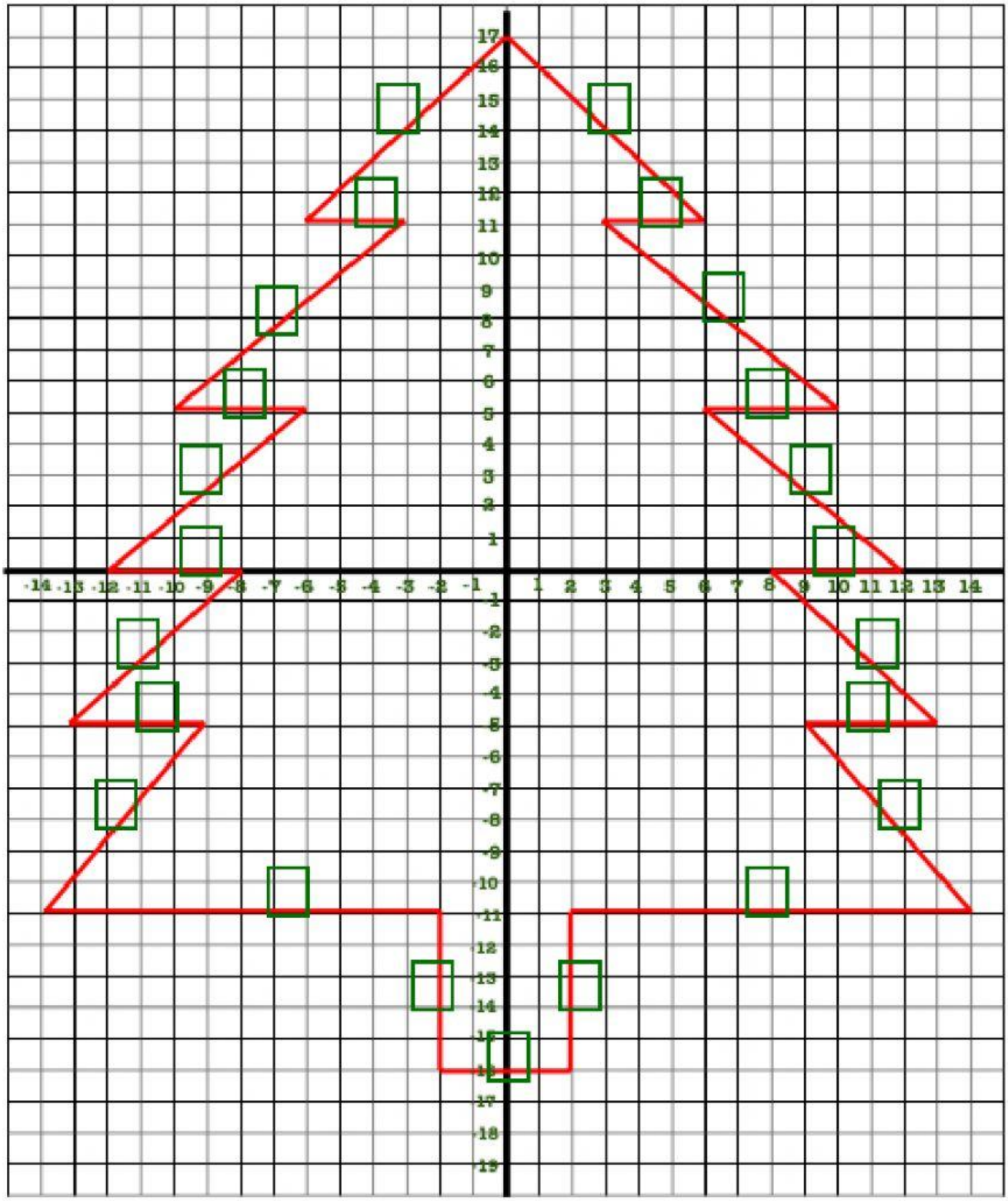
Find the slope of each line