

Finding Slope From A Graph

Slope:

$$m = \frac{RISE}{RUN}$$

Positive



Negative



Zero



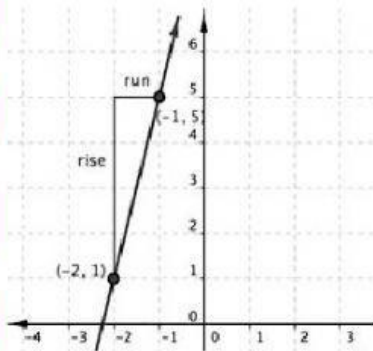
Undefined



STEPS:

1. Determine if the _____ is positive or negative
2. Choose two _____ on the graph
3. Count how many spaces you go up or down (_____)
4. Count how many spaces you go right (_____)
5. Substitute in the found values: $m = \frac{RISE}{RUN}$
6. Simplify fraction (if necessary)

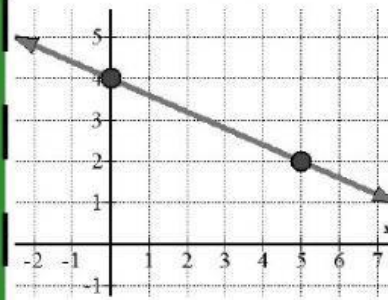
Examples!



$$m = \frac{RISE}{RUN}$$

$$m = \frac{4}{1}$$

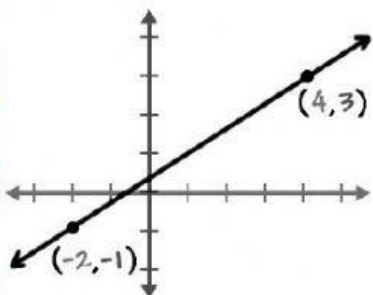
$$m = 4$$



$$m = \frac{RISE}{RUN}$$

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

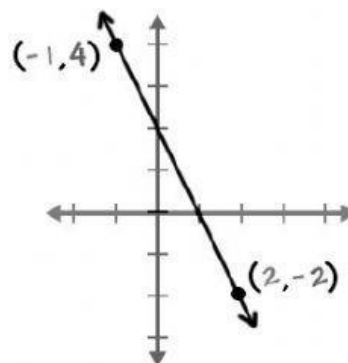
$$m = -\frac{2}{5}$$



$$m = \frac{RISE}{RUN}$$

$$m = \frac{4}{6}$$

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



$$m = \frac{RISE}{RUN}$$

$$m = \frac{-6}{3}$$

$$m = -2$$