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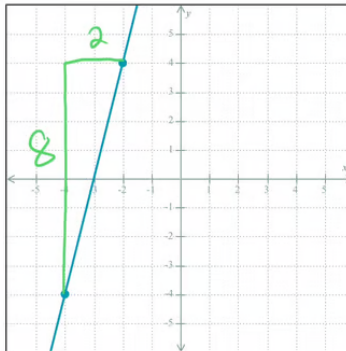
Stats Notes

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Algebra / Finding slope given a graph of a line on a grid

Finding slope given the graph of a line on a grid

Find the slope of the line graphed below.



rise
run

$$\frac{8}{2} = \frac{4}{1} = 4$$

OR

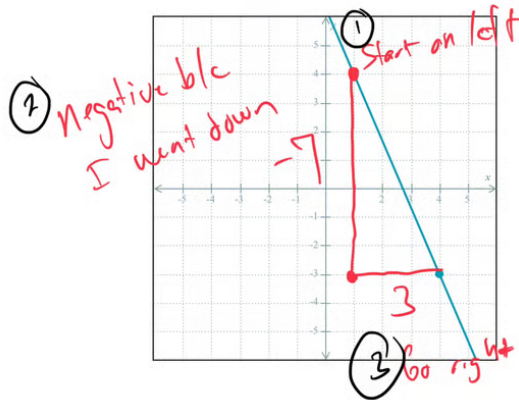
$$M = \frac{y_2 - y_1}{x_2 - x_1}$$

$$\begin{matrix} x_2 & y_2 \\ (-2, & 4) \end{matrix} \quad \begin{matrix} x_1 & y_1 \\ (-4, & -4) \end{matrix}$$

- ① Start on left's
- ② Go up/down
- ③ Go to the right

Finding slope given the graph of a line on a grid

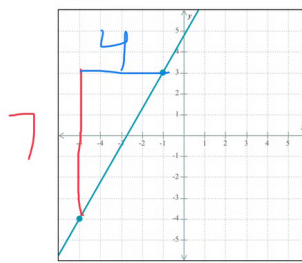
Find the slope of the line graphed below.



$$\frac{\text{rise}}{\text{run}} = \frac{-7}{3}$$

Finding slope given the graph of a line on a grid

Find the slope of the line graphed below.



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start on left
count up

$$\frac{\text{rise}}{\text{run}} = \frac{\text{y's}}{\text{x's}} = \left| \frac{7}{4} \right| \frac{\text{count up}}{\text{count right}}$$

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