

Name:

Answers!

Class:



Communication



Successful Partnership



Encouragement

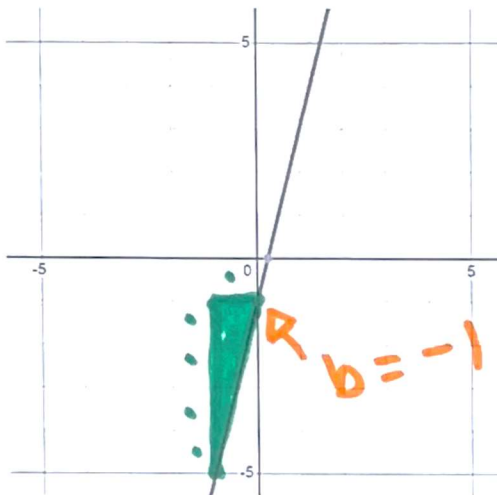


Solving Problem Together



Collaboration

For each of the below, write the $y = mx + b$ equation.

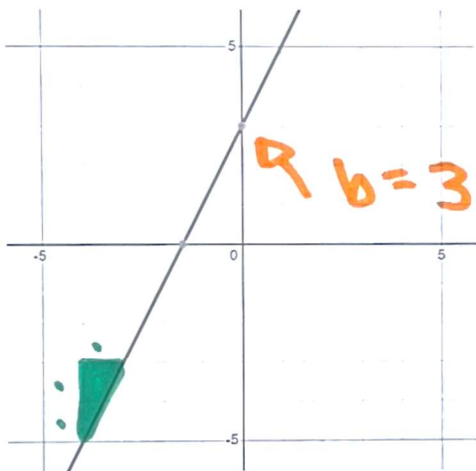


$$m = \frac{\text{Rise}}{\text{Run}} = \frac{4}{1} = 4$$

$$y = mx + b$$

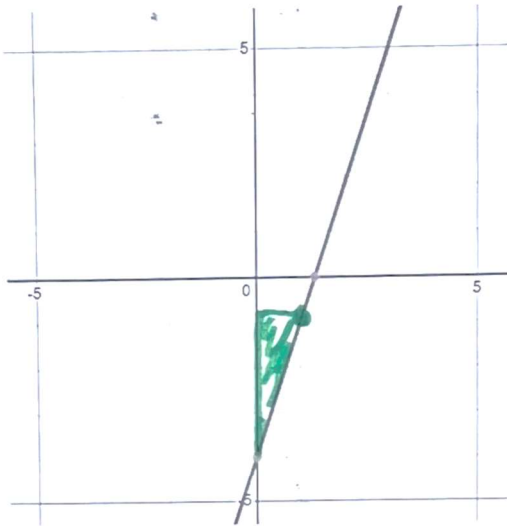
↙ slope ↘ y-int

$$y = 4x - 1$$



$$m = \frac{\text{Rise}}{\text{Run}} = \frac{2}{1} = 2$$

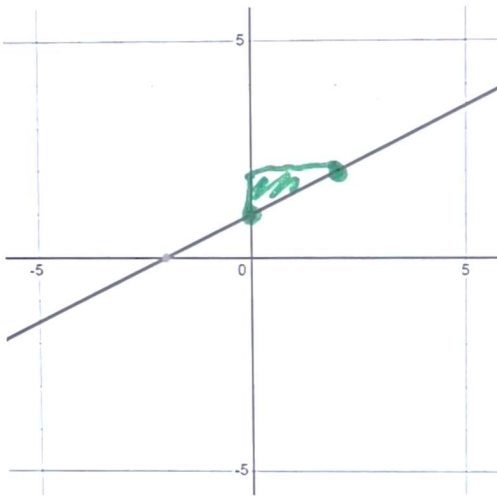
$$y = 2x + 3$$



$$m = \frac{\text{Rise}}{\text{Run}} \rightarrow \frac{3}{1} = 3$$

$$b = -4$$

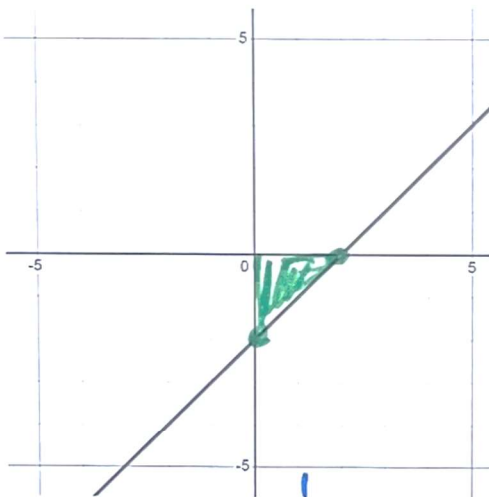
$$y = 3x - 4$$



$$m = \frac{\text{Rise}}{\text{Run}} \rightarrow \frac{1}{2} = 0.5$$

$$b = 1$$

$$y = 0.5x + 1$$



$$m = \frac{\text{Rise}}{\text{Run}} \rightarrow \frac{2}{2} = 1$$

$$b = -2$$

$$y = x - 2$$

Remember!
 $1x = x$