

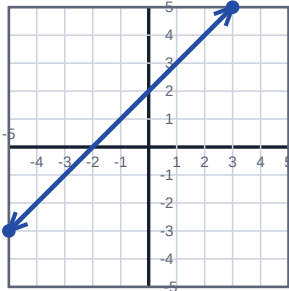
Math Sheet

Name _____ Score _____ / 8 Teacher _____ Date _____

Writing Linear Equations from Graphs

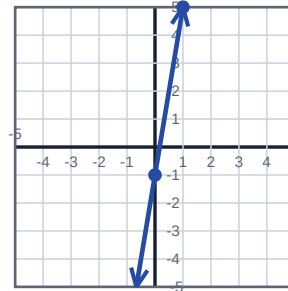
Write each graphed line in slope-intercept form.

1.



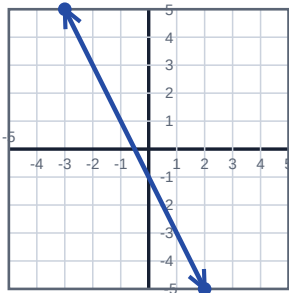
Equation: _____

5.



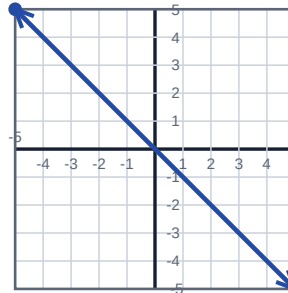
Equation: _____

2.



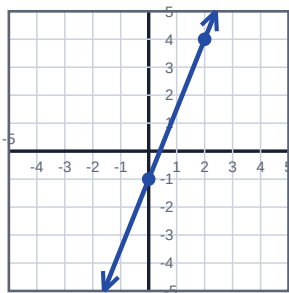
Equation: _____

6.



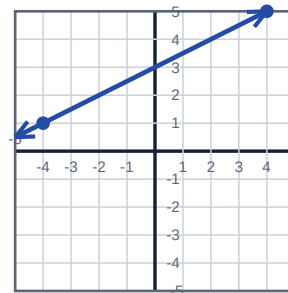
Equation: _____

3.



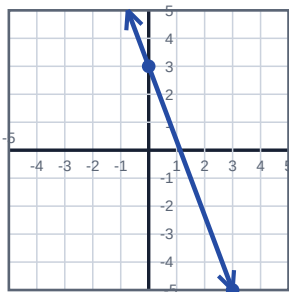
Equation: _____

7.



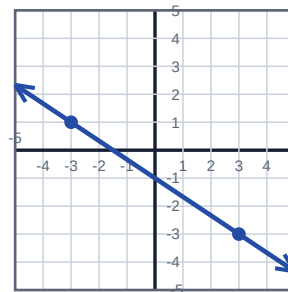
Equation: _____

4.



Equation: _____

8.



Equation: _____

Math Sheet

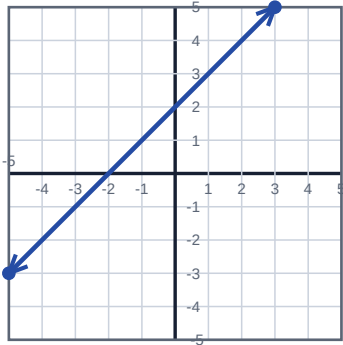
Name _____ Score _____ / 8 Teacher _____ Date _____

Writing Linear Equations from Graphs

Answer key

Write each graphed line in slope-intercept form.

1.

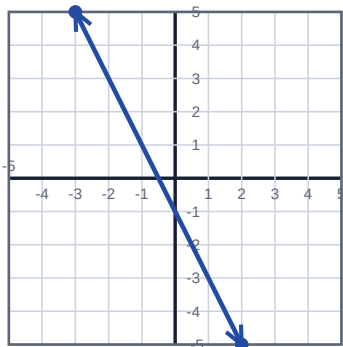


Equation: $y = x + 2$

$$m = \frac{5 - (-3)}{3 - (-5)}$$

Use rise divided by run.

2.

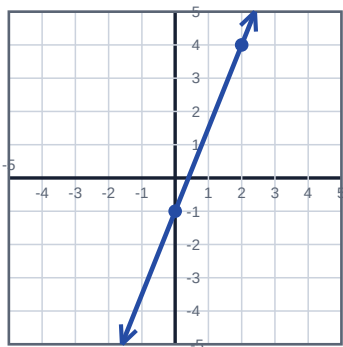


Equation: $y = -2x - 1$

$$m = \frac{-5 - 5}{2 - (-3)}$$

Use rise divided by run.

3.



Equation: $y = \frac{5}{2}x - 1$

$$m = \frac{4 - (-1)}{2 - 0}$$

Use rise divided by run.

Math Sheet

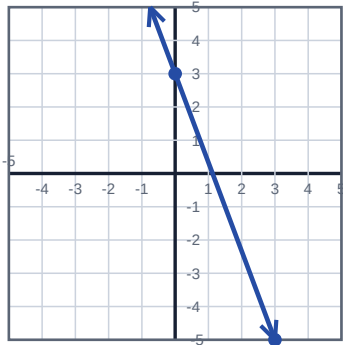
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Writing Linear Equations from Graphs

Answer key

Write each graphed line in slope-intercept form.

4.

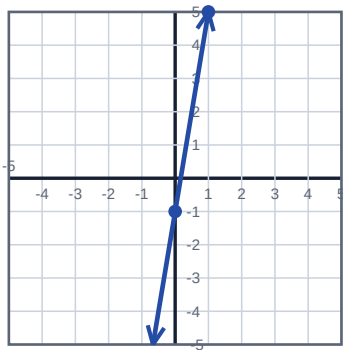


$$\text{Equation: } y = -\frac{8}{3}x + 3$$

$$m = \frac{-5 - 3}{3 - (-1)}$$

Use rise divided by run.

5.

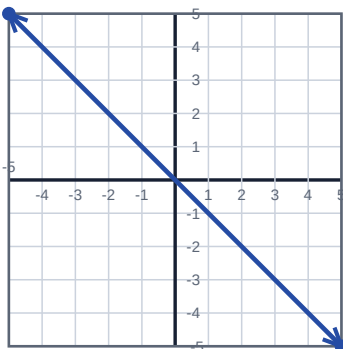


$$\text{Equation: } y = 6x - 1$$

$$m = \frac{5 - (-1)}{1 - (-1)}$$

Use rise divided by run.

6.



$$\text{Equation: } y = -x$$

$$m = \frac{-5 - 5}{5 - (-5)}$$

Use rise divided by run.

Math Sheet

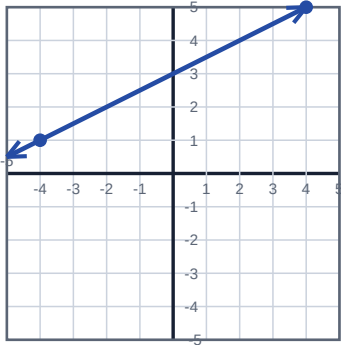
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Writing Linear Equations from Graphs

Answer key

Write each graphed line in slope-intercept form.

7.

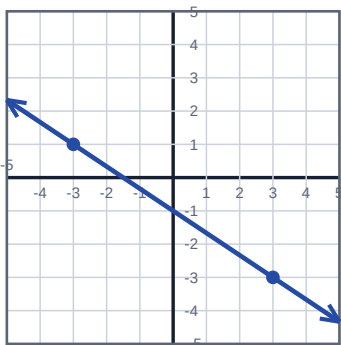


$$\text{Equation: } y = \frac{1}{2}x + 3$$

$$m = \frac{5 - 1}{4 - (-4)}$$

Use rise divided by run.

8.



$$\text{Equation: } y = -\frac{2}{3}x - 1$$

$$m = \frac{-3 - 1}{3 - (-3)}$$

Use rise divided by run.