

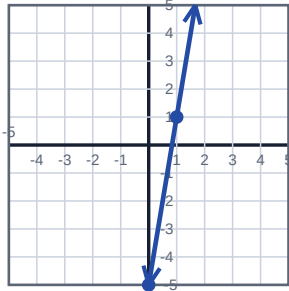
Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Working with Linear Equations

Complete each graph, equation, and property task.

1.

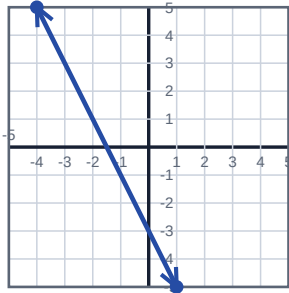


Slope: _____

5. $y = 2x + 3$

Slope: _____

2.

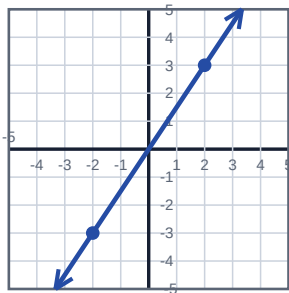


Slope: _____

6. $y = -2x + 1$

Slope: _____

3.

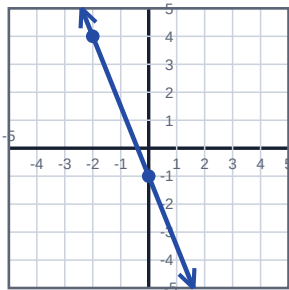


Slope: _____

7. $y = \frac{5}{2}x - 3$

Slope: _____

4.



Slope: _____

8. $y = -\frac{1}{2}x - 1$

Slope: _____

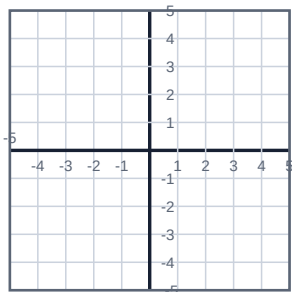
Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Working with Linear Equations

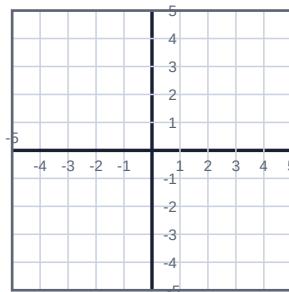
Complete each graph, equation, and property task.

9. Slope: 6 y-intercept: -4



Equation: _____

10. Slope: -2 y-intercept: -2



Equation: _____

Math Sheet

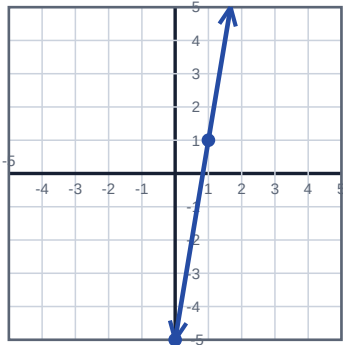
Name _____ Score _____ / 10 Teacher _____ Date _____

Working with Linear Equations

Answer key

Complete each graph, equation, and property task.

1.

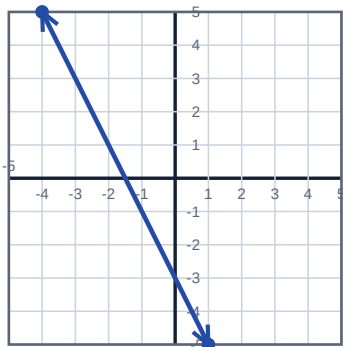


Slope: 6

$$m = \frac{1 - (-5)}{1 - 0}$$

Use rise divided by run.

2.

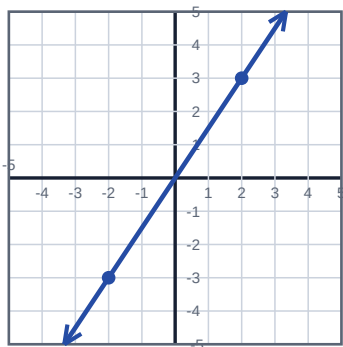


Slope: -2

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

Use rise divided by run.

3.



Slope: $\frac{3}{2}$

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

Use rise divided by run.

Math Sheet

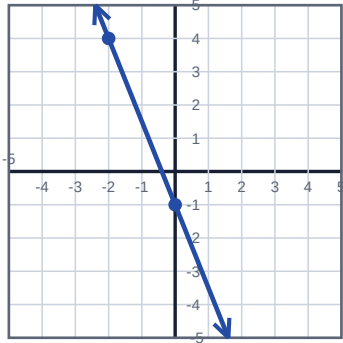
Name _____ Score _____ / 10 Teacher _____ Date _____

Working with Linear Equations

Answer key

Complete each graph, equation, and property task.

4.



$$\text{Slope: } -\frac{5}{2}$$

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

Use rise divided by run.

5. $y = 2x + 3$

Slope: 2

$y = 2x + 3$

Read the coefficient and constant from the equation.

6. $y = -2x + 1$

Slope: -2

$y = -2x + 1$

Read the coefficient and constant from the equation.

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Working with Linear Equations

Answer key

Complete each graph, equation, and property task.

7. $y = \frac{5}{2}x - 3$

Slope: $\frac{5}{2}$

$$y = \frac{5}{2}x - 3$$

Read the coefficient and constant from the equation.

8. $y = -\frac{1}{2}x - 1$

Slope: $-\frac{1}{2}$

$$y = -\frac{1}{2}x - 1$$

Read the coefficient and constant from the equation.

Math Sheet

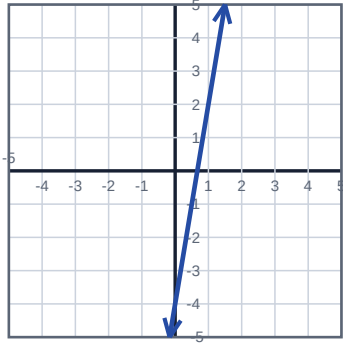
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Working with Linear Equations

Answer key

Complete each graph, equation, and property task.

9. Slope: 6 y-intercept: -4

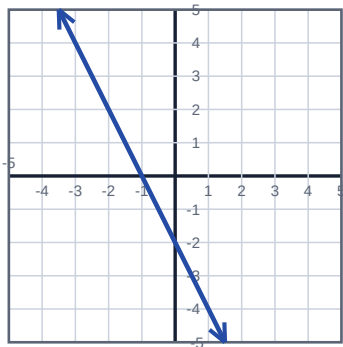


Equation: $y = 6x - 4$

$y = 6x - 4$

Substitute the slope and y-intercept into $y = mx + b$.

10. Slope: -2 y-intercept: -2



Equation: $y = -2x - 2$

$y = -2x - 2$

Substitute the slope and y-intercept into $y = mx + b$.