Homework

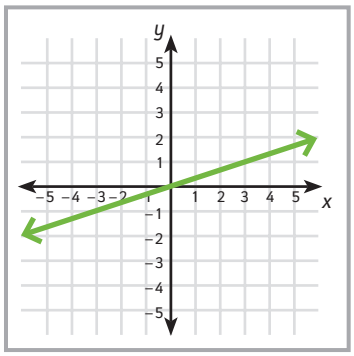
Activity 1

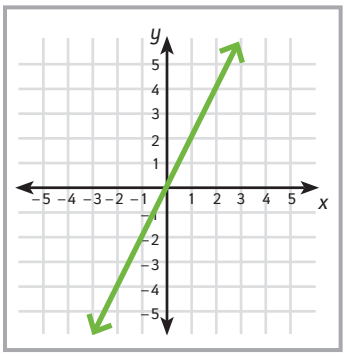
Tell the slope by looking at the function written as an equation.

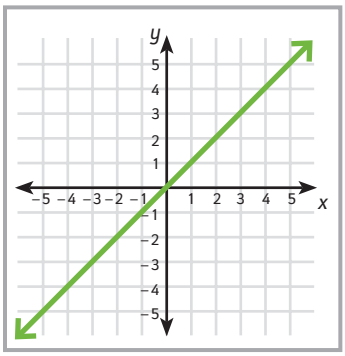
1. $y = 2x$
2. $y = \frac{1}{5}x$
3. $y = 6x$
4. $y = x$
5. $y = \frac{2}{3}x$

Activity 2

Tell the slope of the function by looking at rise over run on the graph of the function.

1. 

2. 

3. 

Activity 3

Draw the lines on graph paper. Be sure the line has the given slope and goes through the given point.

1. Draw a line with a slope of $\frac{1}{4}$ that goes through the point (4, 1).
2. Draw a line with a slope of −2 that goes through the point (1, −2).
3. Draw a line with a slope of $\frac{1}{3}$ that goes through the point (3, 1).

Homework

Activity 4 • Distributed Practice

Select the correct answer.

1. Select the name of the property represented by this general statement:
   $a + b = b + a$
   (a) Distributive Property
   (b) Identity Property of Addition
   (c) Commutative Property of Addition

2. Select the name of the property represented by this general statement:
   $a + 0 = a$
   (a) Distributive Property
   (b) Identity Property of Addition
   (c) Commutative Property of Addition

3. Select the name of the property represented by this general statement:
   $a + (b + c) = (a + b) + c$
   (a) Associative Property for Addition
   (b) Distributive Property
   (c) Identity Property of Addition

4. Select the name of the property represented by this general statement:
   $a\,(b + c) = ab + ac$
   (a) Distributive Property
   (b) Identity Property of Addition
   (c) Inverse Property of Addition

5. Select the name of the property represented by this general statement:
   $a + -a = 0$
   (a) Distributive Property
   (b) Identity Property of Addition
   (c) Inverse Property of Addition

6. Select the name of the property represented by this general statement:
   $\frac{a}{b} \cdot \frac{b}{a} = 1$
   (a) Inverse Property of Multiplication
   (b) Identity Property of Addition
   (c) Inverse Property of Addition