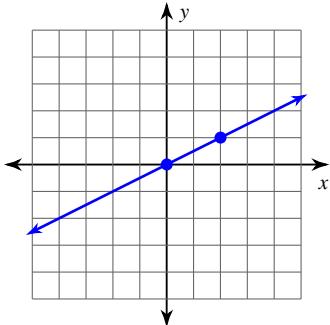


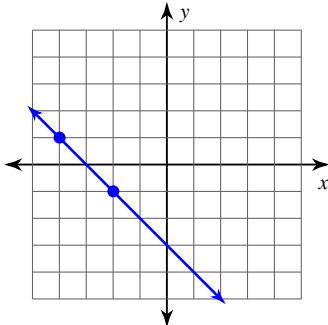
Finding Slope From a Graph

Find the slope of each line.

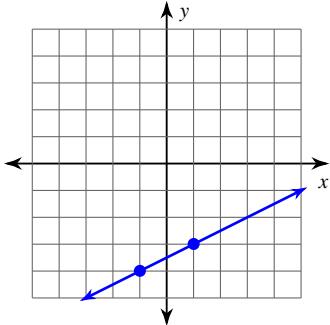
1)



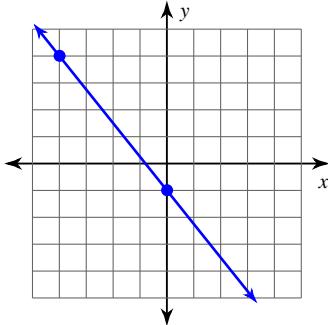
2)



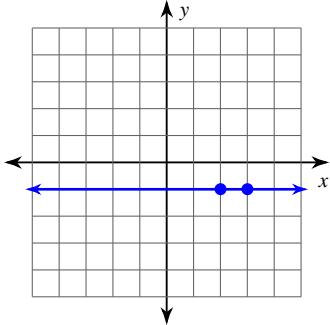
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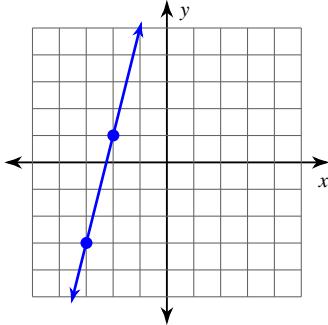
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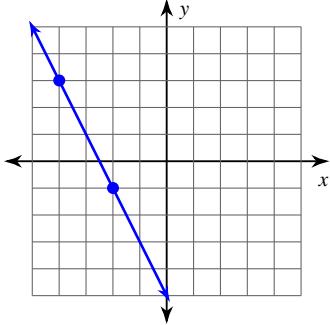
5)



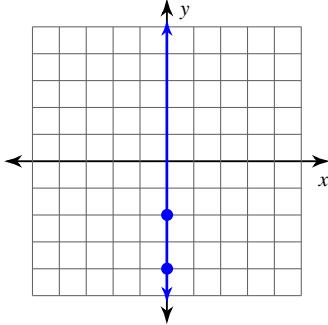
6)



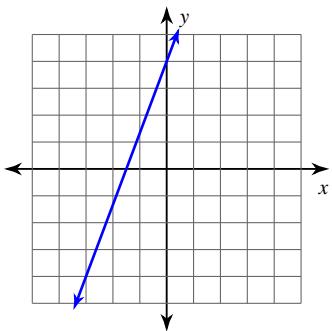
7)



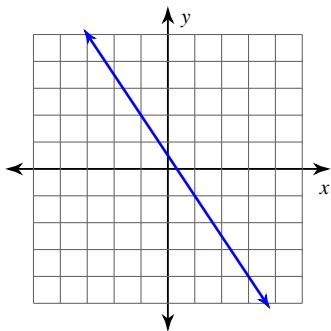
8)



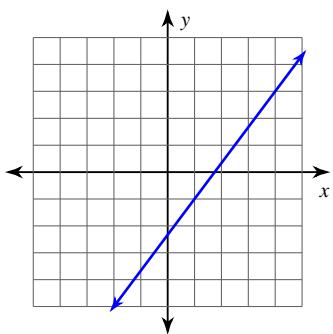
9)



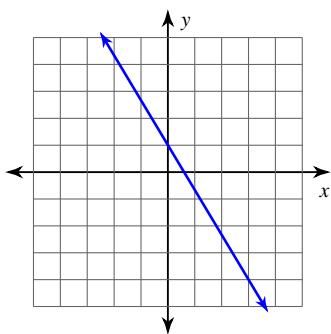
10)



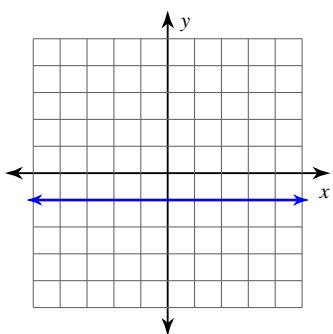
11)



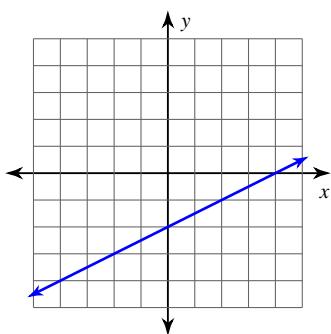
12)



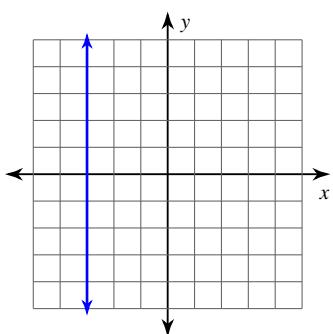
13)



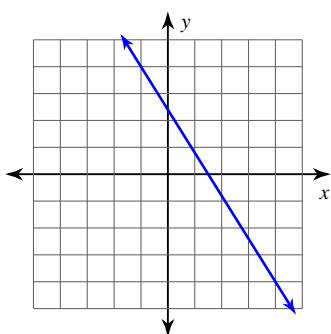
14)



15)



16)



Finding Slope From a Graph

Find the slope of each line.

1) A Cartesian coordinate system showing a line passing through the origin (0, 0) and the point (2, 1). The line has a positive slope of $\frac{1}{2}$.

$$\frac{1}{2}$$

2) A Cartesian coordinate system showing a line passing through the origin (0, 0) and the point (-2, -1). The line has a negative slope of -1 .

$$-1$$

3) A Cartesian coordinate system showing a line passing through the origin (0, 0) and the point (2, 2). The line has a positive slope of $\frac{1}{2}$.

$$\frac{1}{2}$$

4) A Cartesian coordinate system showing a line passing through the origin (0, 0) and the point (4, -5). The line has a negative slope of $-\frac{5}{4}$.

$$-\frac{5}{4}$$

5) A Cartesian coordinate system showing a horizontal line passing through the x-axis at $y = 0$. The slope is 0 .

$$0$$

6) A Cartesian coordinate system showing a line passing through the origin (0, 0) and the point (2, 4). The line has a positive slope of 2 .

$$4$$

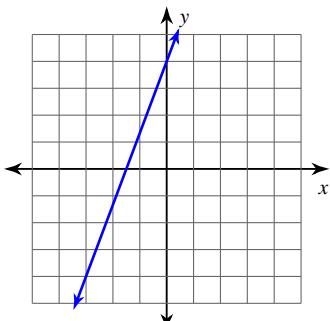
7) A Cartesian coordinate system showing a line passing through the origin (0, 0) and the point (1, -2). The line has a negative slope of -2 .

$$-2$$

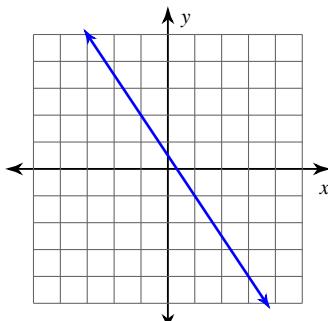
8) A Cartesian coordinate system showing a vertical line passing through the y-axis at $x = 0$. The slope is undefined.

$$\text{Undefined}$$

9)



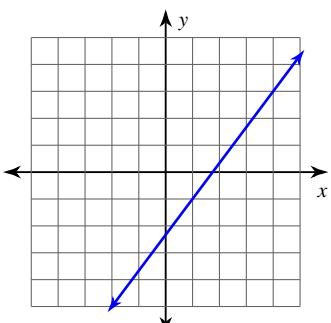
10)



$$\frac{8}{3}$$

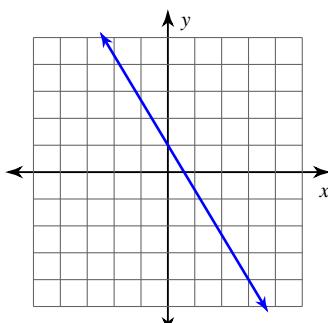
$$-\frac{3}{2}$$

11)



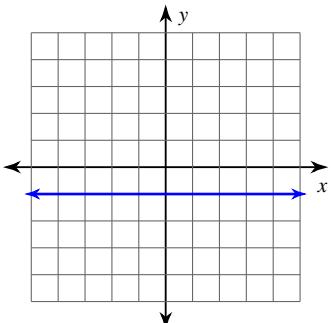
$$\frac{4}{3}$$

12)



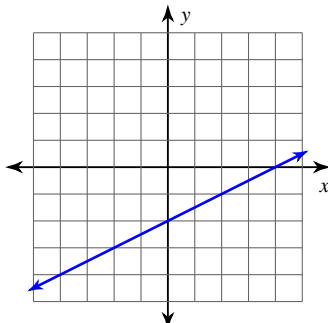
$$-\frac{5}{3}$$

13)



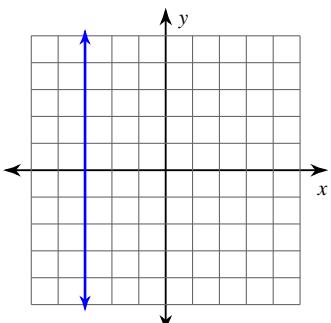
$$0$$

14)



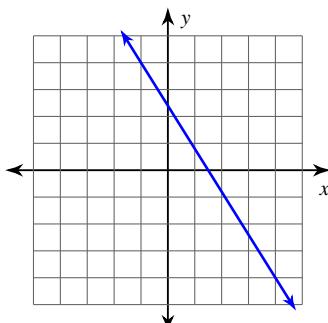
$$\frac{1}{2}$$

15)



Undefined

16)



$$-\frac{8}{5}$$

Finding Slope From an Equation

Date_____ Period____

Find the slope of each line.

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

2) $y = -\frac{4}{3}x - 1$

3) $y = -x + 3$

4) $y = -4x - 1$

5) $2x - y = 1$

6) $x + 2y = -8$

7) $8x + 3y = -9$

8) $4x + 5y = -10$

9) $x - y = -2$

10) $4x - 3y = 9$

$$11) \ 3x + 2y = 6$$

$$12) \ 4x - 5y = 0$$

$$13) \ y = -1$$

$$14) \ x + 5y = -15$$

$$15) \ -2y - 10 + 2x = 0$$

$$16) \ x + 5 + y = 0$$

$$17) \ 3x + 20 = -4y$$

$$18) \ -15 - x = -5y$$

$$19) \ -1 = -2x + y$$

$$20) \ -x - 1 = y$$

$$21) \ 0 = 5y - x$$

$$22) \ -30 + 10y = -2x$$

Finding Slope From an Equation

Date_____ Period____

Find the slope of each line.

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

$$-\frac{5}{2}$$

2) $y = -\frac{4}{3}x - 1$

$$-\frac{4}{3}$$

3) $y = -x + 3$

$$-1$$

4) $y = -4x - 1$

$$-4$$

5) $2x - y = 1$

$$2$$

6) $x + 2y = -8$

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

7) $8x + 3y = -9$

$$-\frac{8}{3}$$

8) $4x + 5y = -10$

$$-\frac{4}{5}$$

9) $x - y = -2$

$$1$$

10) $4x - 3y = 9$

$$\frac{4}{3}$$

$$11) \ 3x + 2y = 6$$

$$-\frac{3}{2}$$

$$12) \ 4x - 5y = 0$$

$$\frac{4}{5}$$

$$13) \ y = -1$$

$$0$$

$$14) \ x + 5y = -15$$

$$-\frac{1}{5}$$

$$15) \ -2y - 10 + 2x = 0$$

$$1$$

$$16) \ x + 5 + y = 0$$

$$-1$$

$$17) \ 3x + 20 = -4y$$

$$-\frac{3}{4}$$

$$18) \ -15 - x = -5y$$

$$\frac{1}{5}$$

$$19) \ -1 = -2x + y$$

$$2$$

$$20) \ -x - 1 = y$$

$$-1$$

$$21) \ 0 = 5y - x$$

$$\frac{1}{5}$$

$$22) \ -30 + 10y = -2x$$

$$-\frac{1}{5}$$

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Finding Slope From Two Points

Date_____ Period____

Find the slope of the line through each pair of points.

1) $(19, -16), (-7, -15)$

2) $(1, -19), (-2, -7)$

3) $(-4, 7), (-6, -4)$

4) $(20, 8), (9, 16)$

5) $(17, -13), (17, 8)$

6) $(19, 3), (20, 3)$

7) $(3, 0), (-11, -15)$

8) $(19, -2), (-11, 10)$

$$9) (6, -10), (-15, 15)$$

$$10) (12, -18), (-15, -18)$$

$$11) (3, -20), (5, 8)$$

$$12) (15, 8), (-17, 9)$$

$$13) (-19, 12), (-9, 1)$$

$$14) (12, 2), (-7, 5)$$

$$15) (6, -12), (15, -3)$$

$$16) (9, 3), (19, -17)$$

Finding Slope From Two Points

Find the slope of the line through each pair of points.

1) $(19, -16), (-7, -15)$

2) $(1, -19), (-2, -7)$

$$-\frac{1}{26}$$

$$-4$$

3) $(-4, 7), (-6, -4)$

4) $(20, 8), (9, 16)$

$$\frac{11}{2}$$

$$-\frac{8}{11}$$

5) $(17, -13), (17, 8)$

6) $(19, 3), (20, 3)$

$$\text{Undefined}$$

$$0$$

7) $(3, 0), (-11, -15)$

8) $(19, -2), (-11, 10)$

$$\frac{15}{14}$$

$$-\frac{2}{5}$$

$$9) (6, -10), (-15, 15)$$

$$-\frac{25}{21}$$

$$10) (12, -18), (-15, -18)$$

$$0$$

$$11) (3, -20), (5, 8)$$

$$14$$

$$12) (15, 8), (-17, 9)$$

$$-\frac{1}{32}$$

$$13) (-19, 12), (-9, 1)$$

$$-\frac{11}{10}$$

$$14) (12, 2), (-7, 5)$$

$$-\frac{3}{19}$$

$$15) (6, -12), (15, -3)$$

$$1$$

$$16) (9, 3), (19, -17)$$

$$-2$$