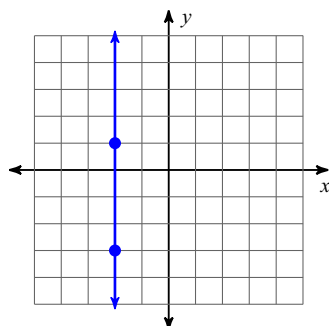


## Lesson #3: Slope of a Line

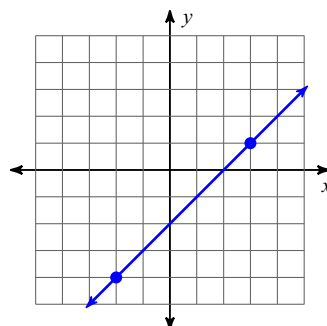
Due Date \_\_\_\_\_ 5K \_\_\_\_\_

**Find the slope of each line.**

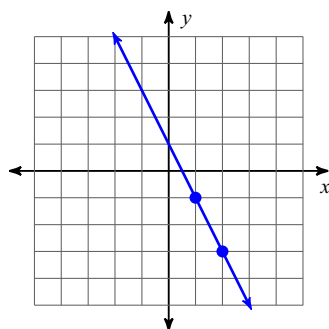
1)



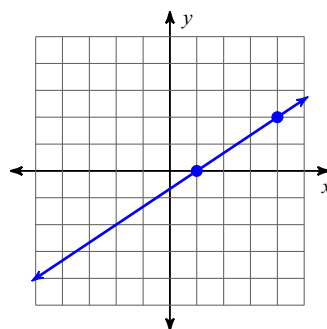
2)



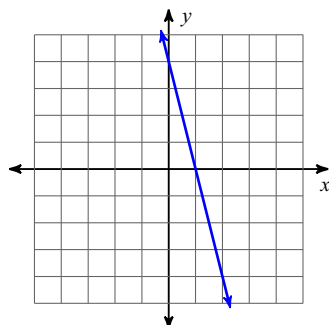
3)



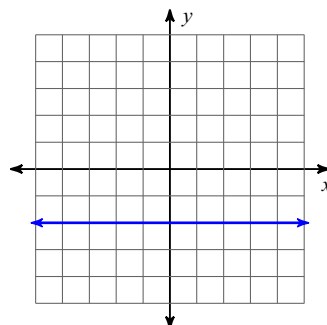
4)

**Find the slope of each line. Indicate the two points you are using.**

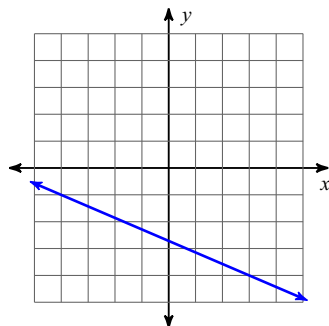
5)



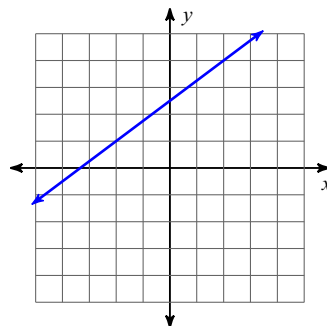
6)



7)



8)



**Find the slope between the given points. Show your formula.**

9)  $(-7, 17), (5, 8)$

10)  $(2, -12), (2, -20)$

11)  $(-7, 2), (19, 15)$

12)  $(16, 2), (4, 0)$

13)  $(4, -8), (-11, 17)$

14)  $(-14, -15), (2, 20)$

15)  $(7, 12), (14, 12)$

16)  $(20, 10), (10, -16)$

**Find the value of x or y so that the line through the points has the given slope.**

17)  $(x, 5)$  and  $(-6, 9)$ ; slope:  $-\frac{2}{5}$

18)  $(2, y)$  and  $(7, -6)$ ; slope: 3

19)  $(4, -7)$  and  $(-8, y)$ ; slope:  $-\frac{3}{4}$

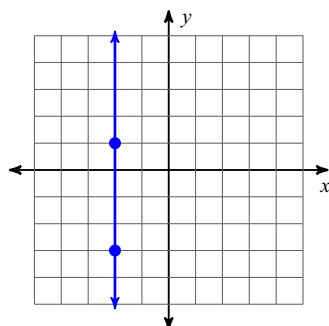
20)  $(x, 5)$  and  $(-6, 9)$ ; slope:  $\frac{4}{3}$

## Lesson #3: Slope of a Line

Due Date \_\_\_\_\_ 5K \_\_\_\_\_

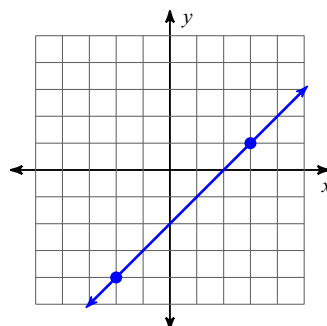
Find the slope of each line.

1)



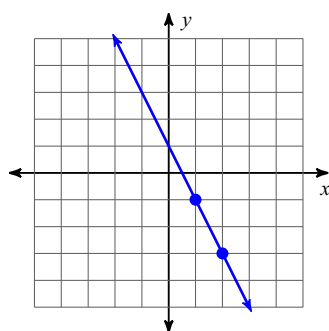
Undefined

2)



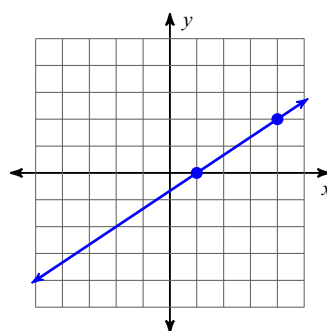
1

3)



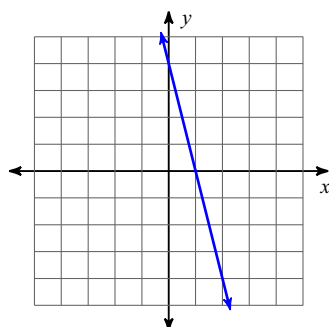
-2

4)

 $\frac{2}{3}$ 

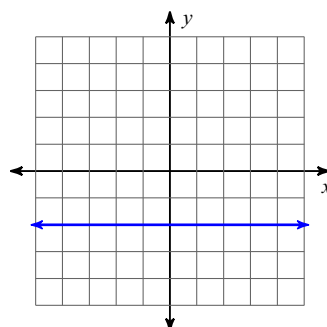
Find the slope of each line. Indicate the two points you are using.

5)



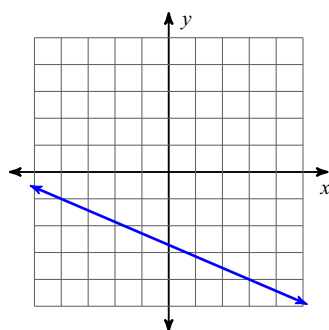
-4

6)

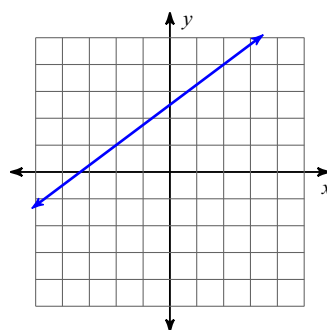


0

7)

 $-\frac{3}{7}$ 

8)

 $\frac{3}{4}$

**Find the slope between the given points. Show your formula.**

9)  $(-7, 17), (5, 8)$

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

10)  $(2, -12), (2, -20)$

Undefined

11)  $(-7, 2), (19, 15)$

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

12)  $(16, 2), (4, 0)$   $\frac{1}{6}$

13)  $(4, -8), (-11, 17)$

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

14)  $(-14, -15), (2, 20)$   $\frac{35}{16}$

15)  $(7, 12), (14, 12)$

0

16)  $(20, 10), (10, -16)$   $\frac{13}{5}$

**Find the value of x or y so that the line through the points has the given slope.**

17)  $(x, 5)$  and  $(-6, 9)$ ; slope:  $-\frac{2}{5}$

4

18)  $(2, y)$  and  $(7, -6)$ ; slope: 3

-21

19)  $(4, -7)$  and  $(-8, y)$ ; slope:  $-\frac{3}{4}$

2

20)  $(x, 5)$  and  $(-6, 9)$ ; slope:  $\frac{4}{3}$

-9