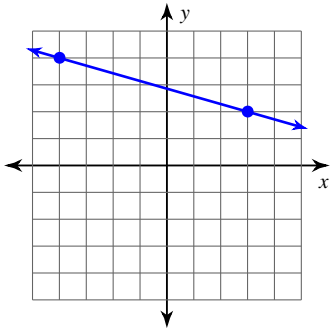


4.4 Slope Homework - Tues 11/11

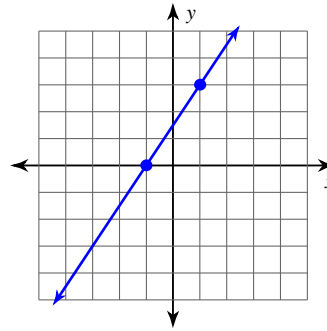
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Find the slope of each line.

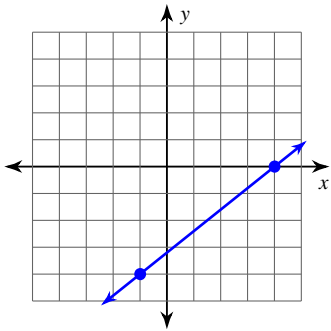
1)



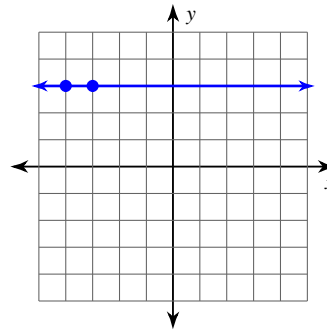
2)



3)



4)

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

5) $(19, -8), (18, -14)$

6) $(-6, 0), (-10, -17)$

7) $(7, -5), (5, 6)$

8) $(-5, -16), (-20, 15)$

9) $(7, 12), (8, 1)$

10) $(-9, 4), (5, 12)$

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

11) $(-8, y)$ and $(4, 5)$; slope: $\frac{5}{6}$

12) $(-4, 6)$ and $(-3, y)$; slope: -4

13) $(x, 8)$ and $(-1, -6)$; slope: 7

14) $(3, 7)$ and $(7, y)$; slope: $-\frac{3}{2}$

15) $(\frac{5}{7}, -5)$ and $(-2, y)$; slope: $-\frac{7}{8}$

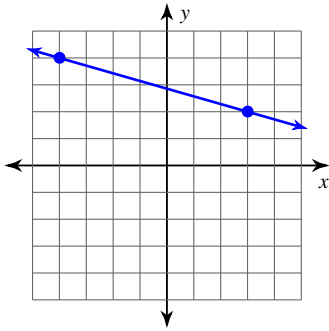
16) $(-\frac{11}{5}, -2)$ and $(x, -1)$; slope: $\frac{1}{6}$

4.4 Slope Homework - Tues 11/11

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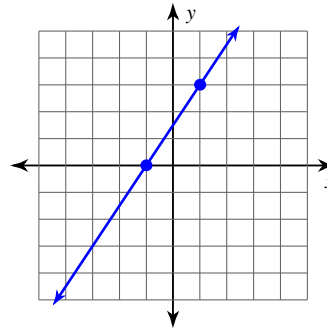
Find the slope of each line.

1)



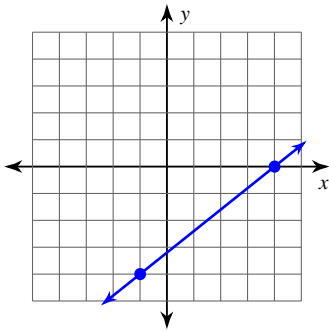
$-\frac{2}{7}$

2)



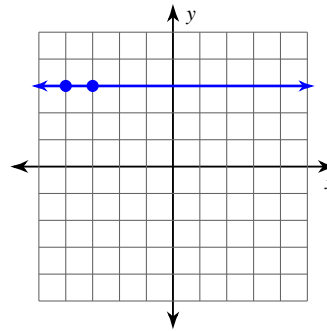
$\frac{3}{2}$

3)



$\frac{4}{5}$

4)



0

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

5) $(19, -8), (18, -14)$

6

6) $(-6, 0), (-10, -17)$ $\frac{17}{4}$

7) $(7, -5), (5, 6)$ $-\frac{11}{2}$

8) $(-5, -16), (-20, 15)$ $-\frac{31}{15}$

9) $(7, 12), (8, 1)$

-11

10) $(-9, 4), (5, 12)$ $\frac{4}{7}$

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

11) $(-8, y)$ and $(4, 5)$; slope: $\frac{5}{6}$

-5

12) $(-4, 6)$ and $(-3, y)$; slope: -4

2

13) $(x, 8)$ and $(-1, -6)$; slope: 7

1

14) $(3, 7)$ and $(7, y)$; slope: $-\frac{3}{2}$

1

15) $(\frac{5}{7}, -5)$ and $(-2, y)$; slope: $-\frac{7}{8}$ $-\frac{5}{8}$

16) $(-\frac{11}{5}, -2)$ and $(x, -1)$; slope: $\frac{1}{6}$ $\frac{19}{5}$