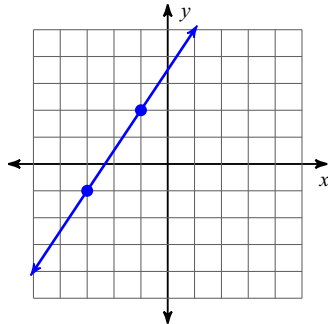


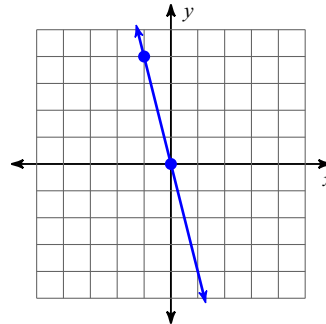
Week 7 - Slope and Slope-Intercept Form

Find the slope of each line.

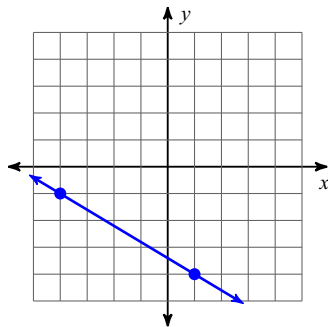
1)



2)



3)

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

4) $(5, 20), (4, -17)$

5) $(-1, 17), (20, -19)$

6) $(-5, -1), (-14, -5)$

Find the slope of each line.

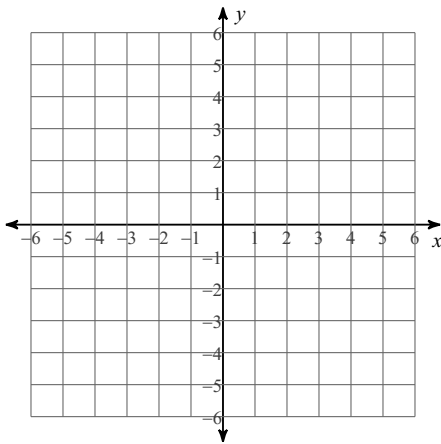
7) $y = \frac{5}{2}x - 4$

8) $y = \frac{7}{5}x - 5$

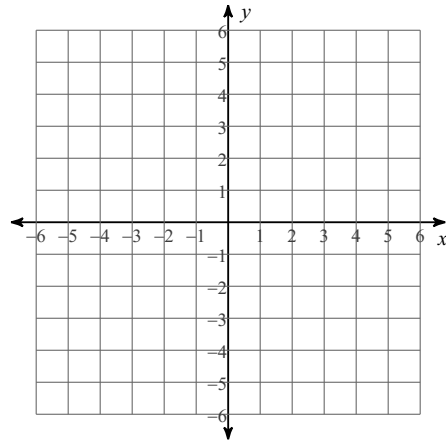
9) $y = \frac{1}{4}x + 1$

Sketch the graph of each line.

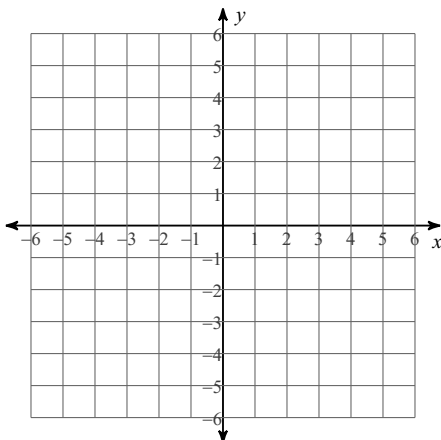
10) $y = 3x - 3$



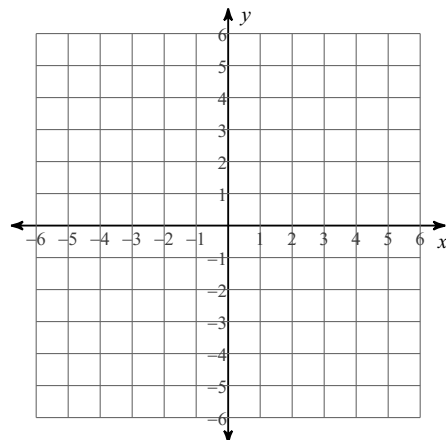
11) $y = -\frac{3}{4}x + 2$



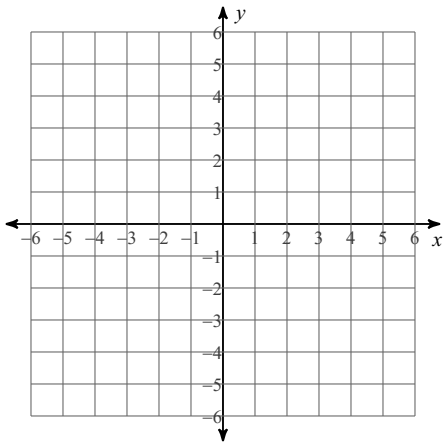
12) $y = -7x + 4$



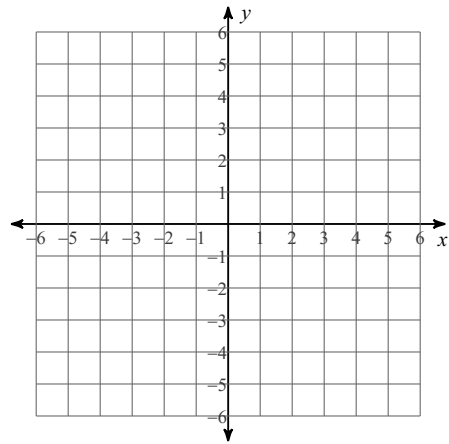
13) $y = -6x + 1$



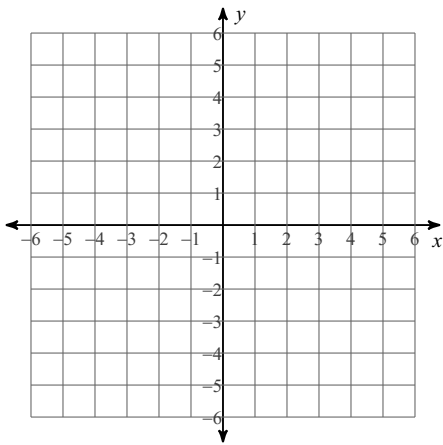
14) $y = -\frac{5}{2}x - 5$



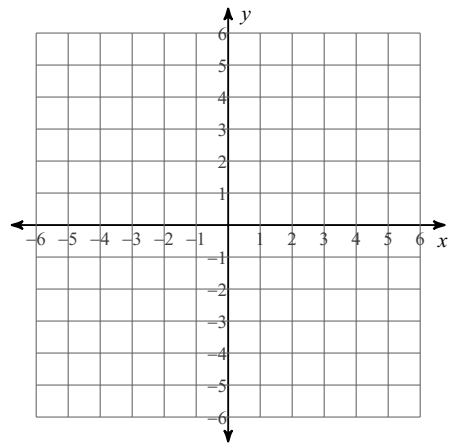
15) $y = -\frac{1}{5}x + 2$



16) $y = -2x - 3$

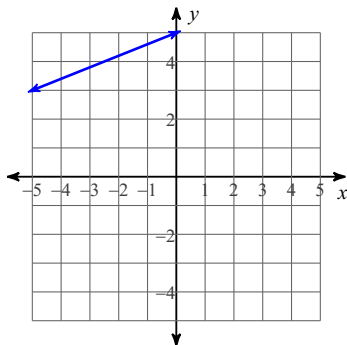


17) $y = 9x - 4$

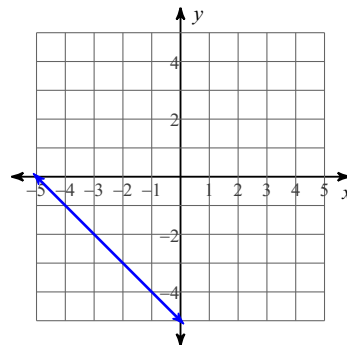


Write the slope-intercept form of the equation of each line.

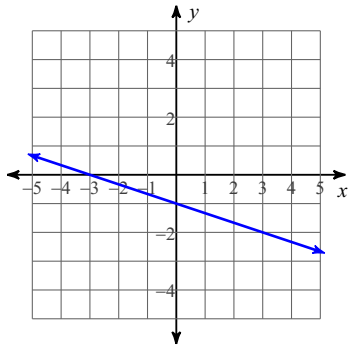
18)



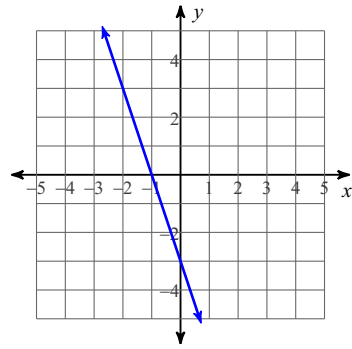
19)



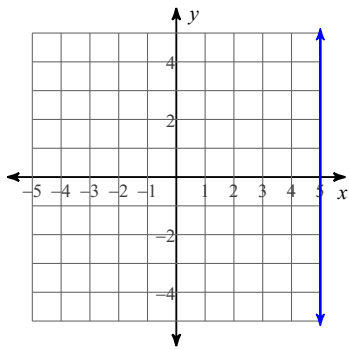
20)



21)



22)



Answers to Week 7 - Slope and Slope-Intercept Form

1) $\frac{3}{2}$

2) -4

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

4) 37

5) $-\frac{12}{7}$

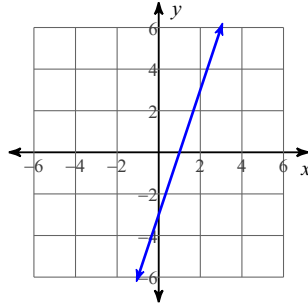
6) $\frac{4}{9}$

7) $\frac{5}{2}$

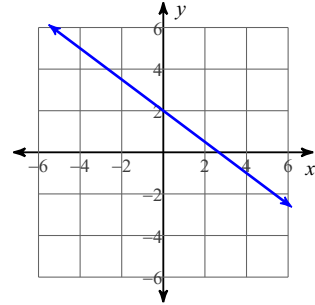
8) $\frac{7}{5}$

9) $\frac{1}{4}$

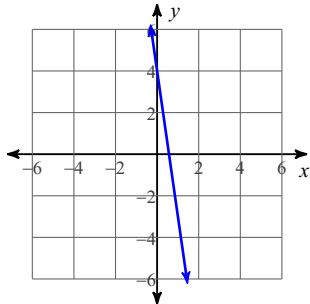
10)



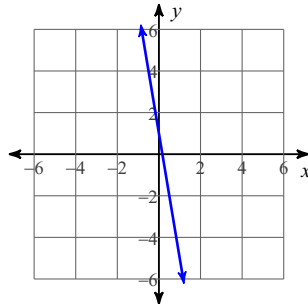
11)



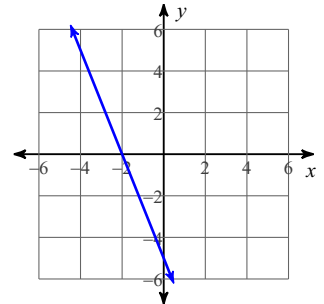
12)



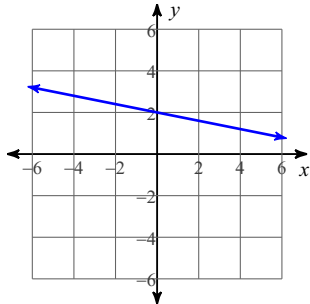
13)



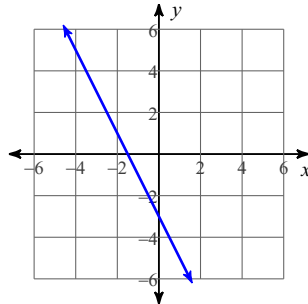
14)



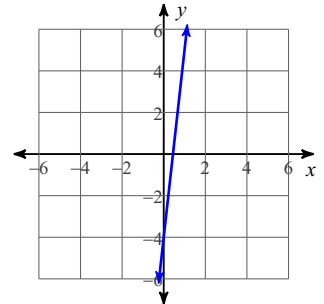
15)



16)



17)



18) $y = \frac{2}{5}x + 5$

19) $y = -x - 5$

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

21) $y = -3x - 3$

22) $x = 5$