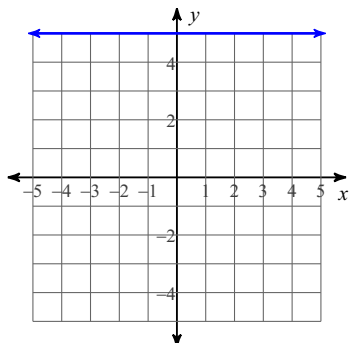


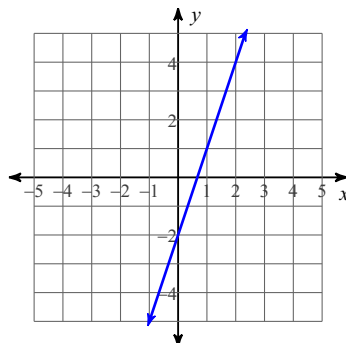
HW #13-1 (Linear Equations)

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

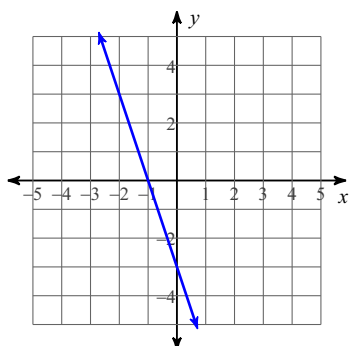
1)



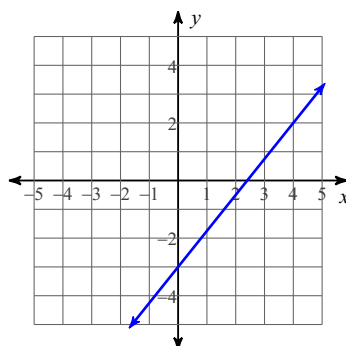
2)



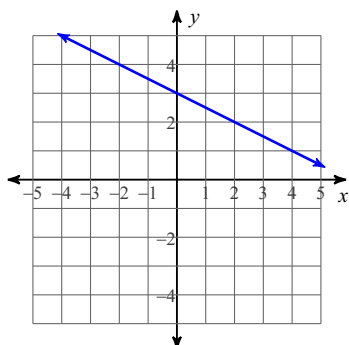
3)



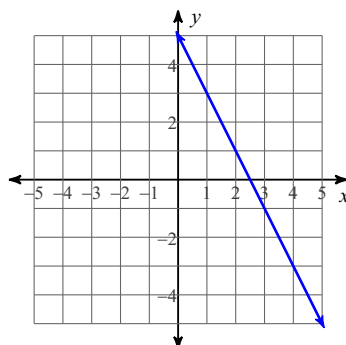
4)



5)



6)



Write the slope-intercept form of the equation of each line given the slope and y-intercept.

7) Slope = $\frac{2}{5}$, y-intercept = -2

8) Slope = 1, y-intercept = 1

9) Slope = 1, y-intercept = 2

10) Slope = $-\frac{4}{5}$, y-intercept = 1

Write the slope-intercept form of the equation of the line through the given points.

11) through: $(3, -3)$ and $(2, 0)$

12) through: $(-2, -5)$ and $(-1, -5)$

13) through: $(-5, -2)$ and $(-4, 2)$

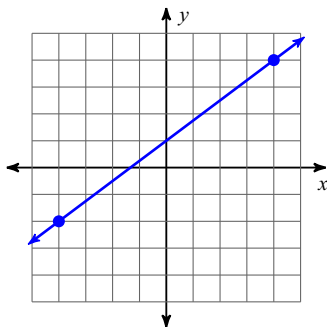
14) through: $(-1, -1)$ and $(3, -1)$

15) through: $(-3, 2)$ and $(2, 5)$

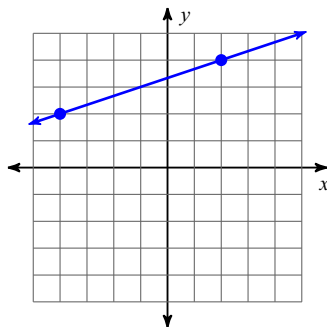
16) through: $(0, 4)$ and $(2, 5)$

Find the slope of each line.

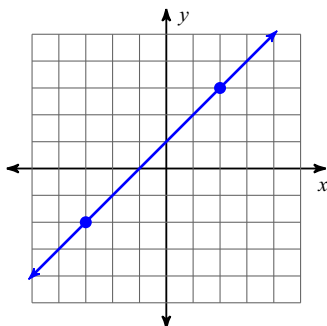
17)



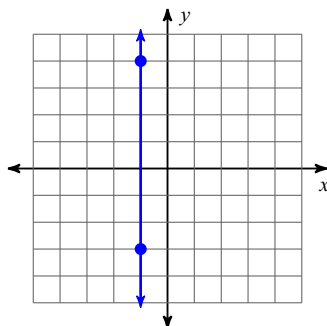
18)



19)



20)



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

21) through: $(-3, -5)$, parallel to $y = \frac{7}{3}x + 1$

22) through: $(-4, 0)$, parallel to $y = -\frac{1}{4}x - 5$

23) through: $(3, -2)$, parallel to $y = 2$

24) through: $(5, -1)$, parallel to $y = -\frac{5}{4}x + 1$