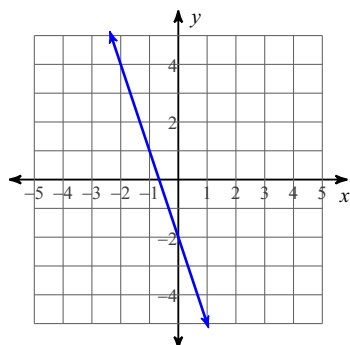


## 8.F.4 Writing Equations Review

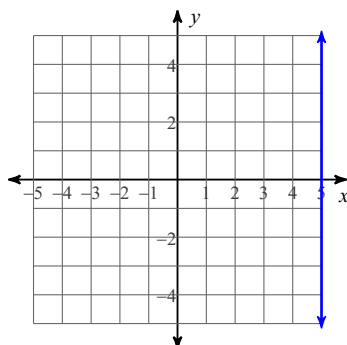
Date \_\_\_\_\_ Period \_\_\_\_\_

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

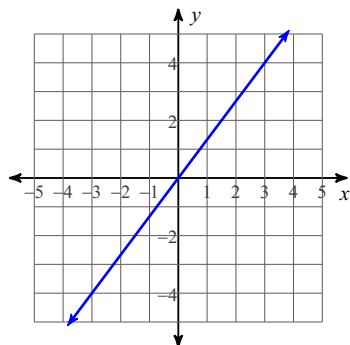
1)



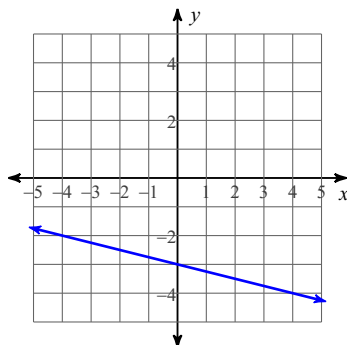
2)



3)



4)

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

5) Slope =  $-\frac{1}{3}$ , y-intercept =  $-4$

6) Slope =  $-2$ , y-intercept =  $3$

**Write the slope-intercept form of the equation of the line through the given point with the given slope. Show all steps.**

7) through:  $(3, 3)$ , slope =  $\frac{5}{3}$

8) through:  $(-3, -5)$ , slope =  $\frac{10}{3}$

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

9) through:  $(-1, 5)$  and  $(4, -5)$

10) through:  $(0, 1)$  and  $(5, 0)$

11) through:  $(0, -1)$  and  $(5, -3)$

12) through:  $(4, 3)$  and  $(1, 1)$

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

13) through:  $(4, -4)$ , parallel to  $y = -\frac{8}{9}x - 3$

14) through:  $(5, -1)$ , perp. to  $y = -\frac{5}{2}x - 2$

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

15)  $x + 5y = -20$

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

17)  $-5x - 10 + 2y = 0$

18)  $6y - 18 = -16x$

## Answers to 8.F.4 Writing Equations Review (ID: 1)

1)  $y = -3x - 2$

2)  $x = 5$

3)  $y = \frac{4}{3}x$

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

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

6)  $y = -2x + 3$

7)  $y = \frac{5}{3}x - 2$

8)  $y = \frac{10}{3}x + 5$

9)  $y = -2x + 3$

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

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

12)  $y = \frac{2}{3}x + \frac{1}{3}$

13)  $y = -\frac{8}{9}x - \frac{4}{9}$

14)  $y = \frac{2}{5}x - 3$

15)  $y = -\frac{1}{5}x - 4$

16)  $y = -5x - 5$

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

18)  $y = -\frac{8}{3}x + 3$