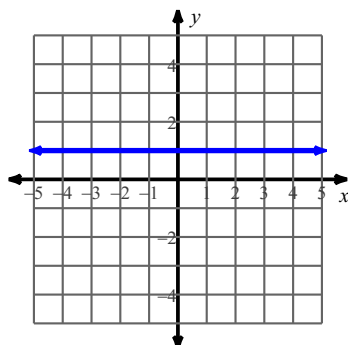


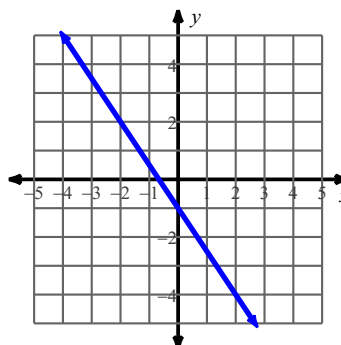
### 6.3 - PRACTICE - Writing Linear Equations

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

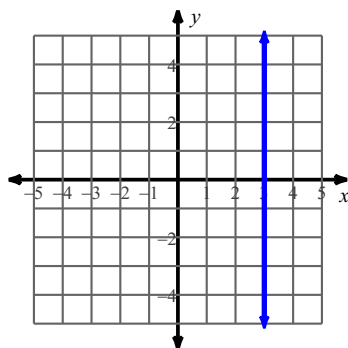
1)



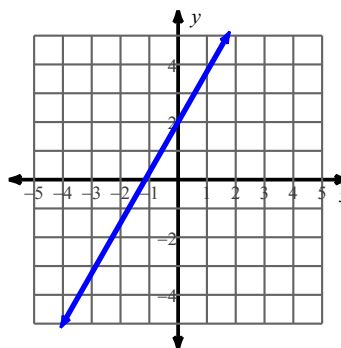
2)



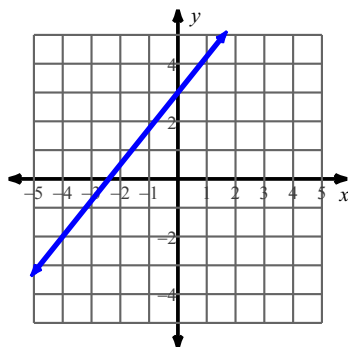
3)



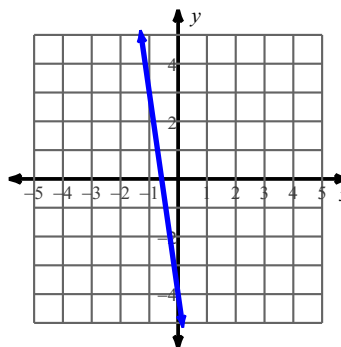
4)



5)



6)



7) through:  $(-1, 4)$ , slope =  $-1$

8) through:  $(-5, 3)$ , slope =  $-\frac{2}{5}$

9) through:  $(0, -3)$ , slope = 1

10) through:  $(0, -5)$ , slope =  $-\frac{1}{4}$

11) through:  $(4, -5)$ , slope =  $-\frac{3}{2}$

12) through:  $(2, -2)$ , slope =  $-\frac{7}{2}$

13) through:  $(1, -4)$ , slope =  $-2$

14) through:  $(-4, 4)$ , slope =  $-3$

15) through:  $(-5, -5)$  and  $(0, 3)$

16) through:  $(1, -5)$  and  $(0, -2)$

17) through:  $(0, 2)$  and  $(2, 2)$

18) through:  $(-2, 1)$  and  $(2, 4)$

19) through:  $(3, 1)$  and  $(3, 3)$

20) through:  $(4, -1)$  and  $(5, -2)$

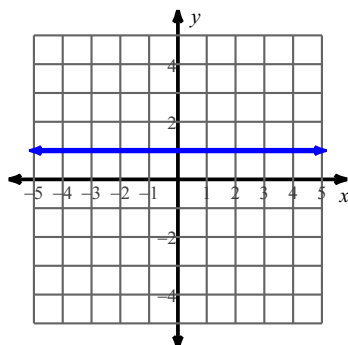
21) through:  $(-3, -5)$  and  $(0, 5)$

22) through:  $(3, -3)$  and  $(0, 0)$

## 6.3 - PRACTICE - Writing Linear Equations

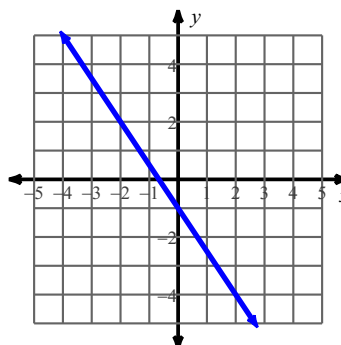
Write the slope-intercept form of the equation of each line.

1)



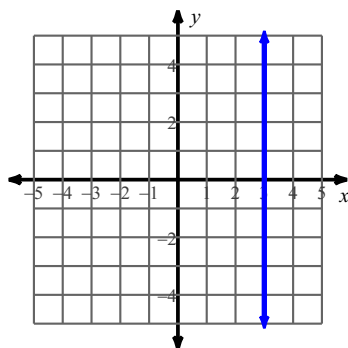
$$y = 1$$

2)



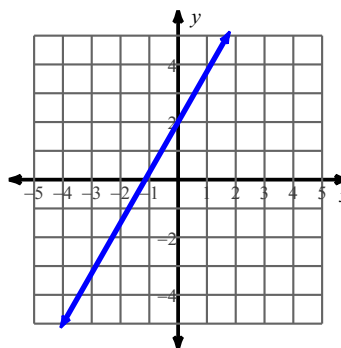
$$y = -\frac{3}{2}x - 1$$

3)



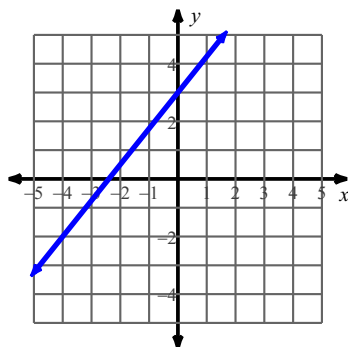
$$x = 3$$

4)



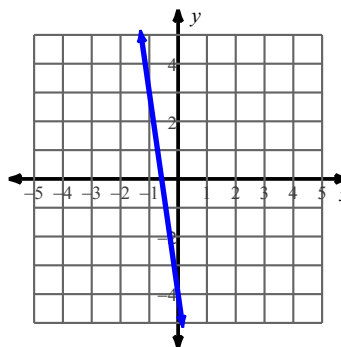
$$y = \frac{7}{4}x + 2$$

5)



$$y = \frac{5}{4}x + 3$$

6)



$$y = -7x - 4$$

7) through:  $(-1, 4)$ , slope =  $-1$ 

$$y = -x + 3$$

8) through:  $(-5, 3)$ , slope =  $-\frac{2}{5}$ 

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

9) through:  $(0, -3)$ , slope = 1

$$y = x - 3$$

10) through:  $(0, -5)$ , slope =  $-\frac{1}{4}$

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

11) through:  $(4, -5)$ , slope =  $-\frac{3}{2}$

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

12) through:  $(2, -2)$ , slope =  $-\frac{7}{2}$

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

13) through:  $(1, -4)$ , slope =  $-2$

$$y = -2x - 2$$

14) through:  $(-4, 4)$ , slope =  $-3$

$$y = -3x - 8$$

15) through:  $(-5, -5)$  and  $(0, 3)$

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

16) through:  $(1, -5)$  and  $(0, -2)$

$$y = -3x - 2$$

17) through:  $(0, 2)$  and  $(2, 2)$

$$y = 2$$

18) through:  $(-2, 1)$  and  $(2, 4)$

$$y = \frac{3}{4}x + \frac{5}{2}$$

19) through:  $(3, 1)$  and  $(3, 3)$

$$x = 3$$

20) through:  $(4, -1)$  and  $(5, -2)$

$$y = -x + 3$$

21) through:  $(-3, -5)$  and  $(0, 5)$

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

22) through:  $(3, -3)$  and  $(0, 0)$

$$y = -x$$