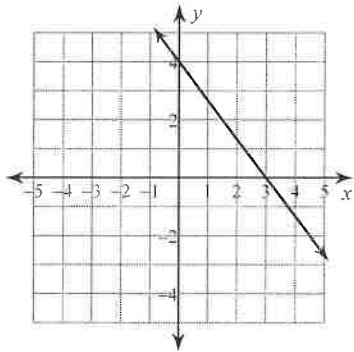


Worksheet 1.3A

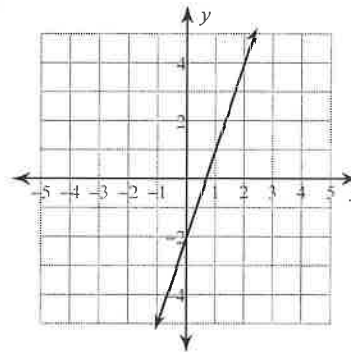
Write the slope-intercept form of the equation of each line.

1)



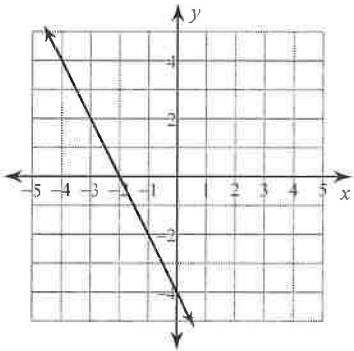
$$y = -\frac{4}{3}x + 4$$

2)



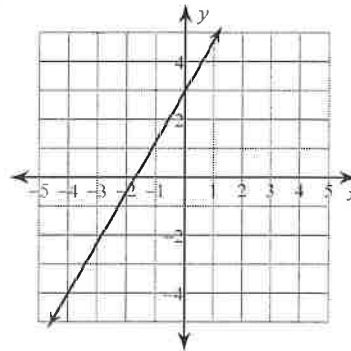
$$y = 3x - 2$$

3)



$$y = -2x - 4$$

4)



$$y = \frac{7}{4}x + 3$$

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

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

$$x = -4$$

6) through: $(-2, -4)$ and $(-3, -1)$

$$y = -3x - 10$$

7) through: $(0, 5)$ and $(3, 0)$

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

8) through: $(0, 4)$ and $(-1, -2)$

$$y = 6x + 4$$

9) through: $(-2, 4)$ and $(3, -2)$

$$y = -\frac{6}{5}x + \frac{8}{5}$$

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

$$y = 3x - 3$$

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

11) through: $(1, -3)$, slope = $\frac{7}{3}$

$$y = \frac{7}{3}x - \frac{16}{3}$$

12) through: $(-2, -2)$, slope = 2

$$y = 2x + 2$$

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

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

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

14) Slope = $\frac{9}{5}$, y-intercept = -4

$$y = \frac{9}{5}x - 4$$