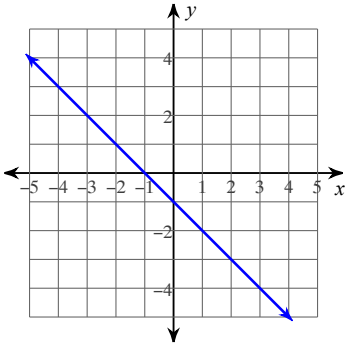


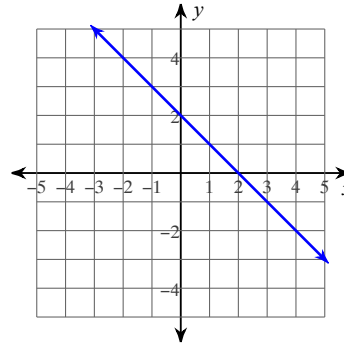
Assignment Coordinate Geometry

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

1)

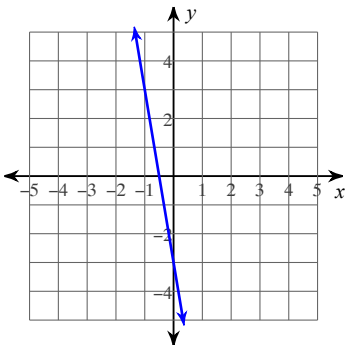


2)

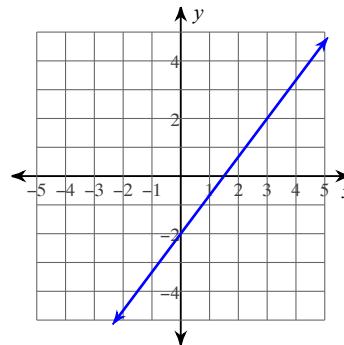


Write the standard form of the equation of each line.

3)



4)



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

5) through:  $(3, -5)$  and  $(0, 2)$

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

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

7) through:  $(-3, -4)$ , parallel to  $y = \frac{2}{3}x - 1$

8) through:  $(-1, -4)$ , parallel to  $y = 9x + 4$

9) through:  $(5, 0)$ , perp. to  $y = -\frac{5}{2}x + 4$

10) through:  $(1, -5)$ , perp. to  $y = 4$

## Answers to Assignment Coordinate Geometry

1)  $y = -x - 1$

2)  $y = -x + 2$

3)  $6x + y = -3$

4)  $4x - 3y = 6$

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

6)  $y = -\frac{3}{5}x - \frac{19}{5}$

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

8)  $y = 9x + 5$

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

10)  $x = 1$