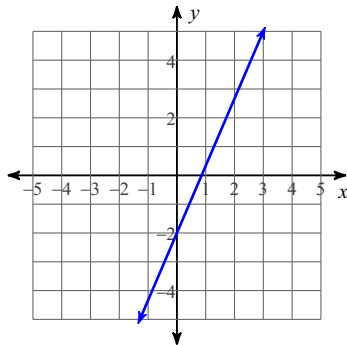


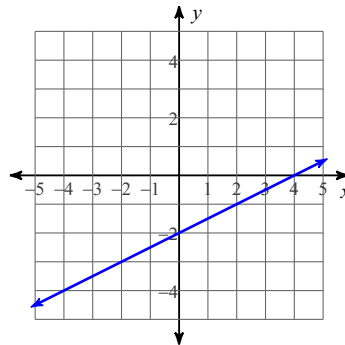
# Writing Equations of Lines

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

1)



2)



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

3) Slope =  $-1$ , y-intercept =  $1$

4) Slope =  $\frac{6}{5}$ , y-intercept =  $1$

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

5) through:  $(1, 0)$ , slope =  $\frac{5}{3}$

6) through:  $(3, -3)$ , slope =  $-1$

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

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

8) through:  $(-2, 3)$  and  $(0, -1)$

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

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

10) through:  $(-1, -5)$ , perp. to  $y = -\frac{5}{8}x + 2$