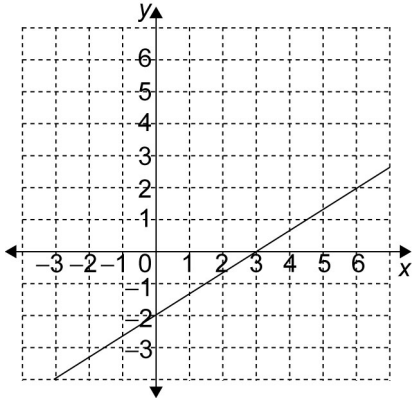Name: _____   Date: _____

Practice: Graph a Line Using Intercepts

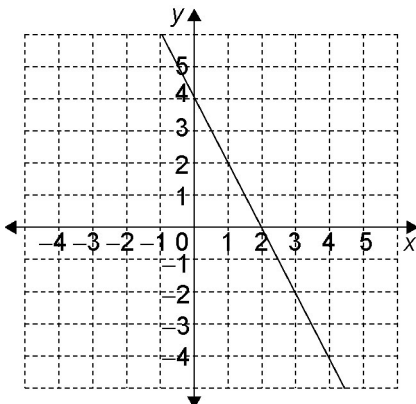**1.** Identify the *x*- and *y*-intercept of each line.

a)

b)
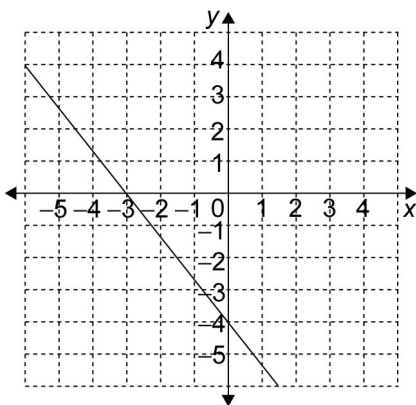
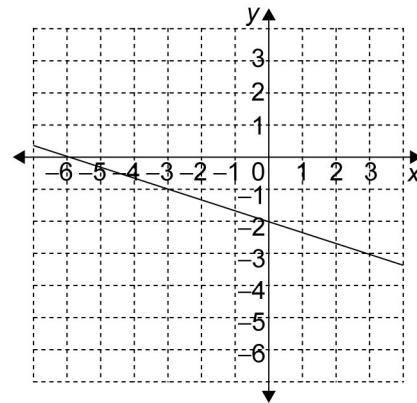**c)**

d)

2. The *x*- and *y*-intercepts for some lines are given. Use the intercepts to graph the line.
  a) *x*-intercept: 3   *y*-intercept: −1
  b) *x*-intercept: −2   *y*-intercept: −3
  c) *x*-intercept: 6   *y*-intercept: 1
  d) *x*-intercept: 3   *y*-intercept: none

3. Use the graph to find the slope of each line in question 2.

4. Identify the *x*- and *y*-intercepts of each line.
  a) $3x - y = 4$
  b) $5x + 2y - 3 = 0$
  c) $x + 3y = 6$
  d) $x - 6y = 3$