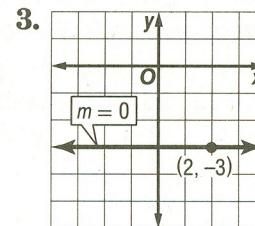
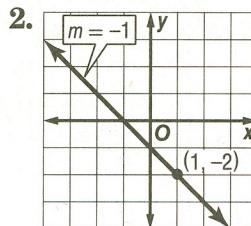
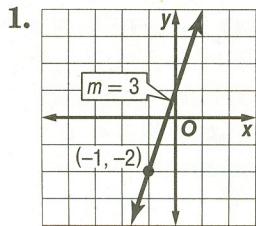


# 4-3 Skills Practice

## Point-Slope Form

Write an equation in point-slope form for the line that passes through the given point with the slope provided.



4.  $(3, 1), m = 0$

5.  $(-4, 6), m = 8$

6.  $(1, -3), m = -4$

7.  $(4, -6), m = 1$

8.  $(3, 3), m = \frac{4}{3}$

9.  $(-5, -1), m = -\frac{5}{4}$

Write each equation in standard form.

10.  $y + 1 = x + 2$

11.  $y + 9 = -3(x - 2)$

12.  $y - 7 = 4(x + 4)$

13.  $y - 4 = -(x - 1)$

14.  $y - 6 = 4(x + 3)$

15.  $y + 5 = -5(x - 3)$

16.  $y - 10 = -2(x - 3)$

17.  $y - 2 = -\frac{1}{2}(x - 4)$

18.  $y + 11 = \frac{1}{3}(x + 3)$

Write each equation in slope-intercept form.

19.  $y - 4 = 3(x - 2)$

20.  $y + 2 = -(x + 4)$

21.  $y - 6 = -2(x + 2)$

22.  $y + 1 = -5(x - 3)$

23.  $y - 3 = 6(x - 1)$

24.  $y - 8 = 3(x + 5)$

25.  $y - 2 = \frac{1}{2}(x + 6)$

26.  $y + 1 = -\frac{1}{3}(x + 9)$

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