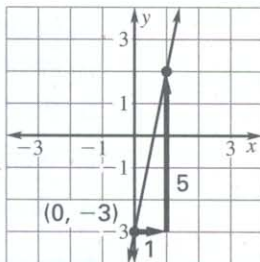


**Practice with Examples**

For use with pages 242–251

**EXAMPLE 2** *Graphing Using Slope and y-Intercept*Graph the equation  $5x - y = 3$ .**SOLUTION***Write* the equation in slope-intercept form:  $y = 5x - 3$ .*Find* the slope and the y-intercept:  $m = 5$  and  $b = -3$ .*Plot* the point  $(0, b)$  when  $b = -3$ . Use the slope to locate a second point on the line.

$$m = \frac{5}{1} = \frac{\text{rise}}{\text{run}} \rightarrow \frac{\text{move 5 units up}}{\text{move 1 unit right}}$$

*Draw* a line through the two points.**Exercises for Example 2**

Write the equation in slope-intercept form. Then graph the equation.

8.  $6x - y = 0$

9.  $x + 3y - 3 = 0$

10.  $5x + y = 4$

11.  $x + 3y - 6 = 0$

12.  $2x + y - 9 = 0$

13.  $x + 2y + 8 = 0$