

Exercise 75

For the following exercises, for each linear equation, a. give the slope m and y -intercept b , if any, and b. graph the line.

$$y = 2x - 3$$

Solution

The general equation for a line is

$$y = mx + b$$

Comparing the coefficients, we have

$$m = 2$$

$$b = -3.$$

Below is a graph of the line.

