

Exercise 77

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

$$f(x) = -6x$$

Solution

The general equation for a line is

$$y = mx + b$$

Comparing the coefficients, we have

$$m = -6$$

$$b = 0.$$

Below is a graph of the line.

