Exercise 69

For the following exercises, evaluate the function f at the values $f(-2)$, $f(-1)$, $f(0)$, $f(1)$, and $f(2)$.

$$f(x) = 8 - 3x$$

Solution

Evaluate the given function at the different values of x.

$$f(-2) = 8 - 3(-2) = 8 + 6 = 14$$

$$f(-1) = 8 - 3(-1) = 8 + 3 = 11$$

$$f(0) = 8 - 3(0) = 8 - 0 = 8$$

$$f(1) = 8 - 3(1) = 8 - 3 = 5$$

$$f(2) = 8 - 3(2) = 8 - 6 = 2$$