

Exercise 68

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

$$f(x) = 4 - 2x$$

Solution

Evaluate the given function at the different values of x .

$$f(-2) = 4 - 2(-2) = 4 + 4 = 8$$

$$f(-1) = 4 - 2(-1) = 4 + 2 = 6$$

$$f(0) = 4 - 2(0) = 4 - 0 = 4$$

$$f(1) = 4 - 2(1) = 4 - 2 = 2$$

$$f(2) = 4 - 2(2) = 4 - 4 = 0$$