6.4 Classwork: Linear functions, horizontal and vertical slopes

1. A function is defined as $f(x) = 2x + 3$. Find each value.

   (a) $f(4) =$

   (c) $f(-3) =$

   (b) $f(0) =$

   (d) $f(1) =$

   (e) Find the value of x that makes $f(x) = 0$

2. A function is defined as $f(x) = 2x + 3$. Find each value.

   (a) $f(4) =$

   (c) $f(-3) =$

   (b) $f(0) =$

   (d) $f(1) =$

   (e) Find the value of x that makes $f(x) = 0$

3. A function is defined as $f(x) = 3x - 6$. Find each value.

   (a) $f(0) =$

   (c) $f(-2) =$

   (b) $f(1) =$

   (d) $f(\frac{1}{2}) =$

   (e) Find the value of x that makes $f(x) = 0$

4. A function is defined as $f(x) = -x - 4$. Find each value.

(a) $f(4) =$

(c) $f(-2) =$

(b) $f(0) =$

(d) $f(\frac{1}{2}) =$

(e) Find the value of x that makes $f(x) = 0$