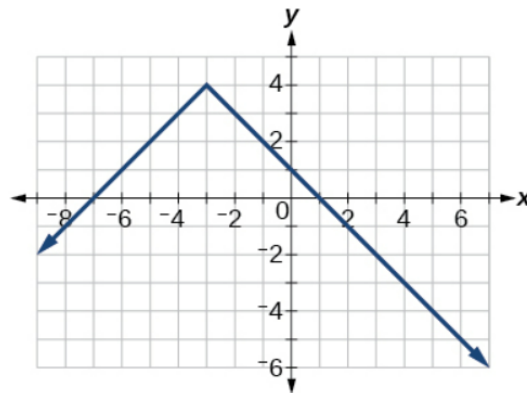


## Exercise 54

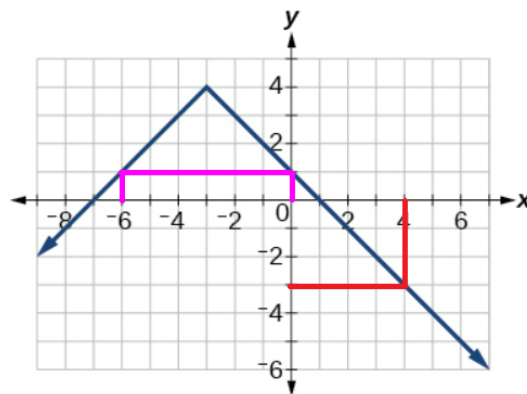
Given the following graph,

- (a) Evaluate  $f(4)$ .
- (b) Solve for  $f(x) = 1$ .



### Solution

The values are found from the graph.  $f(4)$  is the  $y$ -value associated with  $x = 4$ , and  $f(x) = 1$  is asking for the  $x$ -value(s) associated with  $y = 1$ .



- (a) :  $f(4) = -3$
- (b) :  $x = \{-6, 0\}$