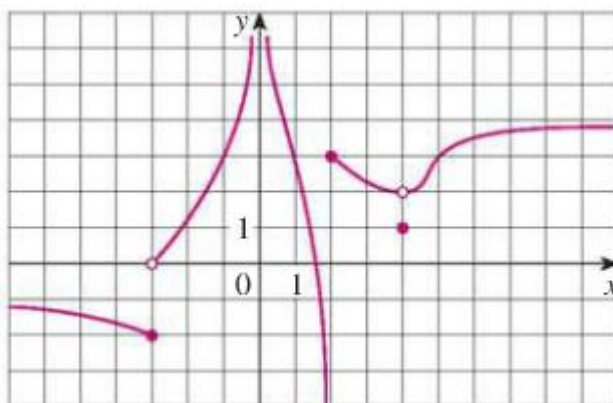


**Math 101 (Term 151) - Quiz 1**

Student Name \_\_\_\_\_ Student ID: \_\_\_\_\_

**Exercise 1**

The graph of the function  $f(x)$  is given below:



Determine the following limits:

(a)  $\lim_{x \rightarrow -3^-} f(x) =$

(b)  $\lim_{x \rightarrow 0} f(x) =$

(c)  $\lim_{x \rightarrow 2^-} f(x) =$

(d)  $\lim_{x \rightarrow 2} f(x) =$

(e)  $\lim_{x \rightarrow 4} f(x) =$

**Exercise 2**

Determine  $\lim_{x \rightarrow -5} \frac{2x+10}{|x+5|} =$