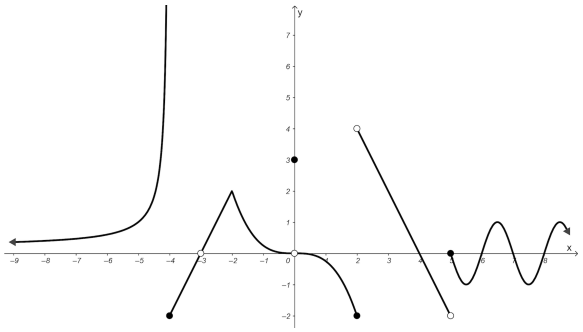
Quiz 1

Directions: Use the graph of $y = f(x)$ given below to answer each question. No work or explanations need to be given. Possible answers for limits are numerical values or DNE.



1 $\lim_{x \to -4^-} f(x) =$ _____ (1 pt)

2 $\lim_{x \to -4^+} f(x) =$ _____ (1 pt)

3 $\lim_{x \to -4} f(x) =$ _____ (1 pt)

4 $\lim_{x \to 0} f(x) =$ _____ (1 pt)

5 $\lim_{x \to -2} f(x) =$ _____ (1 pt)

6 $\lim_{x \to -3} f(x) =$ _____ (1 pt)

7 $\lim_{x \to 5^-} f(x) =$ _____ (1 pt)

8 $\lim_{x \to 5} f(x) =$ _____ (1 pt)

9 $f(-3) =$ _____ (1 pt)

10 $f(0) =$ _____ (1 pt)

11 Use a table of values to estimate $\lim_{t \to -3} \dfrac{\sqrt{1-t}-2}{t+3}$. (10 points)