

MATH 101-08 (082)
QUIZ # 1

NAME: ID #:

Q1. Evaluate

$$\lim_{x \rightarrow 4} \frac{\sqrt{x} - 2}{x^2 - 16}$$

Q2. Find $\lim_{x \rightarrow 2^+} f(x)$, $\lim_{x \rightarrow 2^-} f(x)$, and $\lim_{x \rightarrow 2} f(x)$ where

$$f(x) = \frac{|x - 2|}{x^2 + x - 6}$$