

Math 101 (082)**Quiz 1 v2** (ch 2)

Name:

ID #:

Section #:

Serial #:

Find the numbers at which f is discontinuous. At which of these numbers is f continuous from the right, from the left, or neither?

$$f(x) = \begin{cases} 1 + x^2 & x \leq 0 \\ (1 - x)^2 & 0 < x \leq 2 \\ x - 2 & x > 2 \end{cases}$$

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Find the numbers at which f is discontinuous. At which of these numbers is f continuous from the right, from the left, or neither?

$$f(x) = \begin{cases} 1 + x^2 & x \leq 0 \\ 2 - x & 0 < x \leq 2 \\ (x - 2)^2 & x > 2 \end{cases}$$