

King Fahd University of Petroleum & Minerals
Department of Mathematical Sciences

Math 101 - Sec. 1

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Quiz # 2

Name:

ID #:

Semester 051

Section #:

Given

$$f(x) = \begin{cases} 2x^2 - 3x + 1, & x \leq 1 \\ x^2 - x, & 1 < x \leq 2 \\ x^3 - 1, & x > 2 \end{cases}$$

1. Find the points at which $f(x)$ is continuous.
2. Classify the point(s) of discontinuity as removable or irremovable (if any).