

MATH 101-08(072)

QUIZ # 3

NAME: I.D. #:

Q1. Suppose that x_0 is a number in the domain of a function f .

1. Write the definition of differentiability of f at x_0 .
2. What is the relation between continuity and differentiability?
3. If f is continuous at x_0 , is it true that f must also be differentiable at x_0 ?