Math 101, Section 32
Fall 2015, Term 151
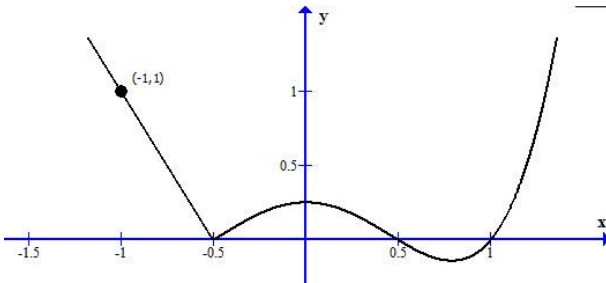
Quiz 1
Version A

Instructions: Show Your Work!

Question 1:   The graph of a function f is given below

Sketch the graph of $f\,'$.

Question 2:   Let $f(x) = \sqrt{9-x^2}$.

a) Using the definition of derivative, find the derivative of the function.

b) Find the domain of the function and the derivative.