

Name: _____

Date: Wed., Apr. 9, 2014

Directions. Please complete this quiz using at most a scientific calculator.

Consider $f(x) = x^2 - x$ on $[-3, 5]$.

1. Is $f(x)$ continuous on the interval?
2. In the space below find the average rate of change, called r_{avg} , of $f(x)$ on the interval?
3. In the space below find the point c in the interval guaranteed by the Mean Value Theorem.