

Math 1400 Fall 2011
Quiz 3
September 16, 2011
No Work = No Credit

Name: _____ Student Number: _____

1. (2 points) Suppose that $f(x) = 4x^2$. Find the average rate of change of $f(x)$ over the interval from 1 to 2.

2. (3 points) If $f(100) = 5000$ and $f'(100) = 10$, estimate $f(101)$.