

Math 019-G Spring 2013
Quiz 6: Take Home **Due 3/21**

Name: _____

Remember to show all work for full credit.

1) Use the formal definition of the derivative (using limits) to find the derivative of:

$$f(x) = 3x^2 + 2x + 6$$

2) Find the equation of the tangent line of the function given in part 1 at $x = 1$.