NAME

Instructions. This quiz will be graded for accuracy, out of 10 points. Calculators, books, notes and suchlike aides to gracious living are not permitted. Make sure to show all your work for full credit. On the actual quiz, the problems may appear in any possible order.

1. This question has 2 parts:

   (a) Write the the limit definition of derivative for the function $f'(x)$.

   (b) Using the limit definition of derivative, compute the derivative of the given function: $f(x) = ...$

* Find examples in Lecture 4/5, Worksheet 4/5, and HW 4/5.

2. Using Derivative rules from the handout, compute the derivatives of the following functions (list up to 3 functions). Do not use the Chain Rule for these questions.

* Find examples in Lecture 5/6, Worksheet 5, HW5.