

Math 181

Quiz 4

Name: \_\_\_\_\_

September 24, 2002

Show all work for credit.

Leave all answers as exact answers unless otherwise stated.

1. Find  $f'(a)$  using the limit definition.  $f(x) = 1 + x - 2x^2$

2. (Bonus) In chapter 2.7 a Montana town was named. Which town was it?