

Math 180-08;10;11 Fall  
Quiz 10 November 1st

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

Show all work to get full credit of this 10 point quiz. Please circle the section that you are in.  
All calculators are allowed, except for phones.

**1.** (*10 points*) Find the absolute extrema (max and mins) of

$$f(x) = x^2$$

on the closed interval of  $[-5, 3]$ .