

# Homework Title Here

Your Name Here

I spoke with  
Person A  
Person B  
Person C  
regarding this assignment.

January 25, 2011

**Problem 1**

Prove that if  $f : \mathbb{R} \mapsto \mathbb{R}$ , is differentiable then it is continuous.

**Solution.** Let  $f$  be any differentiable function. yadda yadda yadda. Therefore  $f$  is continuous.  $\square$

**Problem 7**

**Part 7.1.** Subpart explanation here

**Solution.** makes a proof box!  $\square$

**Part 7.2.** rinse, wash, repeat

**Solution.** makes a proof box!  $\square$