

Math 1400 Fall 2011  
Quiz 6  
October 14, 2011  
No Work = No Credit

Name: \_\_\_\_\_ Student Number: \_\_\_\_\_

1. (2 points) Differentiate  $y = (x + 1)(x^3 + 5x + 2)$  using the product rule.

2. (3 points) Differentiate  $y = \frac{x^2-1}{x^2+1}$  using the quotient rule.

...show all work...show all work...show all work...show all work...show all work...show all work...