

NAME:

Math 105 - Quiz 5 - October 16, 2006

Instructions: Show all of your work and circle your final answers. Calculators are allowed, but notes and books are not.

1. Find  $\frac{d}{dx} \left( (\ln x) \left( \frac{1}{x^2} \right) + 2^x \right)$ .

2. Find  $\left( \frac{x^2}{\sin(3x)} \right)'$ .