

Math 132  
Quiz II

Name:

Sec:

Serial:

1. Find  $\frac{dy}{dx}$ , where

$$y = \ln \sqrt[4]{\frac{x^3 - 1}{x^3 + 1}}.$$

2. Find  $\frac{dy}{dx}$ , where

$$y = 5^{x^2 \ln x}$$