

King Fahd Univ. of Petroleum and Minerals  
Faculty of Sciences  
Department of Mathematics and Statistics

QUIZ No. 1  
(MATH. 101-072 Section 7)

**Name:**

**ID:**

**Prob. 1**

Use the definition to find the derivative of

$$f(x) = x^3$$

**Prob. 2**

Compute the derivative of

$$\frac{\sqrt[3]{t^2}}{1 + e^{4t}}$$