**KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS**
**DEPARTMENT OF MATHEMATICS AND STATISTICS**
**MATH 101 - QUIZ 5**

Name:
Student ID #:

**Question 1**. Use a linear approximation to estimate the number $\ln(1.001)$.
**Question 2**. At what point of the curve $y = \cosh x$ does the tangent have slope 1?

**Your Solution**.