

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

QUIZ No. 4
(MATH. 101-121 Section 9)

Name:

ID:

Prob. 1

Find $f'(x)$ if

$$f(x) = \sinh^{-1} x$$

Prob. 2

Compute the derivative of

$$g(x) = (\cos x)^{\ln(x)}$$