

KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
DEPARTMENT OF MATHEMATICS AND STATISTICS
MATH 102 - QUIZ 5

Name:

Student ID #:

Question 1. Evaluate the integral $\int x \frac{\sin x}{\cos^2 x} dx$.

Question 2. Evaluate the integral $\int_{-\ln 2}^0 \cosh^2\left(\frac{x}{2}\right) dx$

Your Solution.