

King Fahd University of Petroleum and Minerals
Department of Mathematics and Statistics
MATH 101 – Quiz 3

Term 082

NAME: _____ ID: _____

Exercise 1. Find an equation of the tangent lines to $y = \frac{x+1}{x-1}$ that are parallel to the line $x - 2y = 2$.

Exercise 2. Find $\lim_{x \rightarrow 0} \frac{1}{(x \sin x)(\cot^2 3x)}$