King Fahd University of Petroleum and Minerals Department of Mathematics and Statistics

	Math 101 (Term 151) - Quiz 3
Student Name	Student ID:
Exercise 1 [5 points]	

Find equations of the tangent lines to the graph of $y = \frac{x-1}{x+1}$ that are parallel to 2x - y = 3.

Exercise 2 [5 points]
Find
$$\lim_{x\to 0} \frac{\sin(3x)\cot(5x)}{x\cot(4x)} =$$