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

Term 151 Math 101 (14)

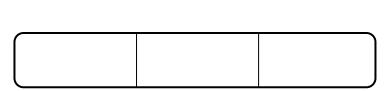
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Quiz#3 (2.8, 3.1, & 3.2)

Family Name:

S.r#

Q1.	$\lim_{x\to 1}\frac{e^x-e}{1-x}$	represents the derivative of some function,	f(x), at some point, a . Find $f(x)$, a , and evaluate	ate the limit.
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Q2. Find the equation of the normal line to $f(x) = \frac{2e^x}{\sqrt{x}} + ex - 3e$ at x = 1

