Quiz 9 - MATH 151

DATE: Week 13, April 7 - 11

INSTRUCTOR: George Voutsadakis

Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points.

GOOD LUCK!!

1. Compute the derivative of $f(x) = x \ln(3x)$ (5 points)

2. Find an equation for the tangent line to the graph of $f(x) = xe^x$ at $x = 1$. (5 points)