QUIZ 1 - MATH 152

Friday, September 3

George Voutsadakis

YOUR NAME:_____

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. Use substitution to compute $\int \cot x \, dx$.

2. Use the by-parts method to compute $\int x e^{3x} \, dx$.