

QUIZ 1 - MATH 152

Friday, January 13

YOUR NAME: _____

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. Use substitution to find $\int \cot x dx$.

2. Find the area under the curve of the function $f(x) = x\sqrt{x^2 + 7}$ from $x = 0$ to $x = 3$.