

Mini-Test 2

Nom : _____

1. (*5 points*) Calculer $\int t \sec t \tan t dt$.

2. (*5 points*) Calculer $\int \tan^3 \theta d\theta$.

3. (5 points) Calculer $\int \frac{\sqrt{9x^2 - 1}}{x} dx$.

4. (5 points) Calculer $\int \frac{x}{(x-1)^2} dx$