Math 106 Section B
Quiz 1

Name: ________________________________

Show all your work to receive full credit for a problem.

There are four problems. Problems are printed on the back of the page too.

Evaluate the following integrals exactly:

1. \[ \int \frac{2x}{3 + x^2} \, dx \]

2. \[ \int \frac{dx}{(5 + 2x)^2} \]
3. $\int 5te^{-t^2} \, dt$

4. $\int_{0}^{1} \sin(\pi \theta) \, d\theta$