

Circle One:

Name: _____

7:45-8:35 (361)

8:50-9:40 (362)

Math222-4, Spring 2007

Quiz #1: 01-29-07

No Notes. No Calculators.

Evaluate the following integrals:

1. (5 points) $\int \frac{1}{1+\cos(x)} dx$

2. (5 points) $\int \frac{\ln(x) dx}{x+x \ln^2(x)}$

3. (5 points) Derive the integration by parts formula.

4. (5 points) $\int y \ln(y) dy$