

Circle One:

Name: _____

11:00-11:55 (325)

3:30-4:20 (333)

Math211-2, Fall 2007

Quiz #6: 10-30-07

No Calculators. There are three problems.

1. (3 Points) Find the indefinite integral $\int \frac{2x}{\sqrt{2x+1}} dx$.

2. (4 Points total)

a. (1 Point) What is the integration by parts formula?

b. (3 Points) Find the integral $\int t \ln t dt$.

3. (3 Points) Use the method of partial fractions to find the indefinite integral $\int \frac{dx}{x^2 + x}$.