

Math 434/734

Quiz 1

February 21, 2007

Name:

Evaluate **one** of the integrals.

$$\int_0^2 \int_{y/2}^1 e^{x^2} dx dy$$

$$\int \int_R (x^2 + y^2)^{1/2} dA, \quad R = \{(x, y), x^2 + y^2 \leq 9\}.$$