## Calculus II

Name:
Student ID: $\qquad$

## Quiz 9

Jun. 1, 2006
Evaluate the iterated integral by converting to polar coordinates.

$$
\int_{0}^{3} \int_{0}^{\sqrt{9-x^{2}}} e^{x^{2}+y^{2}} d y d x
$$

Write your solutions as complete as possible. Working time: 15 minutes.

