

**Math 126: Calculus II**  
**Quiz 6** October 11, 2000

Name: \_\_\_\_\_  
Section: \_\_\_\_\_

In evaluating both integrals, be sure to *show all your work and include all important steps*.

1.  $\int \frac{\sqrt{1-x^2}}{x^2} dx.$

2.  $\int_0^{\infty} xe^{-x^2} dx.$