Math 126: Calculus II

Quiz 6 *October 11, 2000*

Name:_____

Section:_____

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

1. Evaluate $\int \dfrac{\sqrt{1-x^2}}{x^2}\, dx.$

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