

Math 181

Quiz 20

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

December 6, 2002

Show all work for credit.

Leave all answers as exact answers unless otherwise stated.

1. Evaluate the following integrals, and simplify. Show all work.

(a)  $\int \frac{2x}{\sqrt{x^2 + 5}} dx$

(b)  $\int_0^{\pi/4} \cos(2x) dx$