Math 182 Quiz 2 Name: _____

January 24, 2003

Show all work for credit.

Leave all answers as exact answers unless otherwise stated.

1. Evaluate the following integrals:

   (a) $\displaystyle \int e^x \cos(x)\,dx$

   (b) $\displaystyle \int_0^{\pi/3} x\sin(x)\,dx$