

Math 181

Quiz 14

Name: _____

November 4, 2002

Show all work for credit.

Leave all answers as exact answers unless otherwise stated.

1. Take the derivatives of the following functions, and state the x values for which the derivatives are defined.

(a) $f(x) = (x^2 - 1)^{1/2} - e^{x^2}$

(b) $g(x) = \sin(\cos(3x^2))$