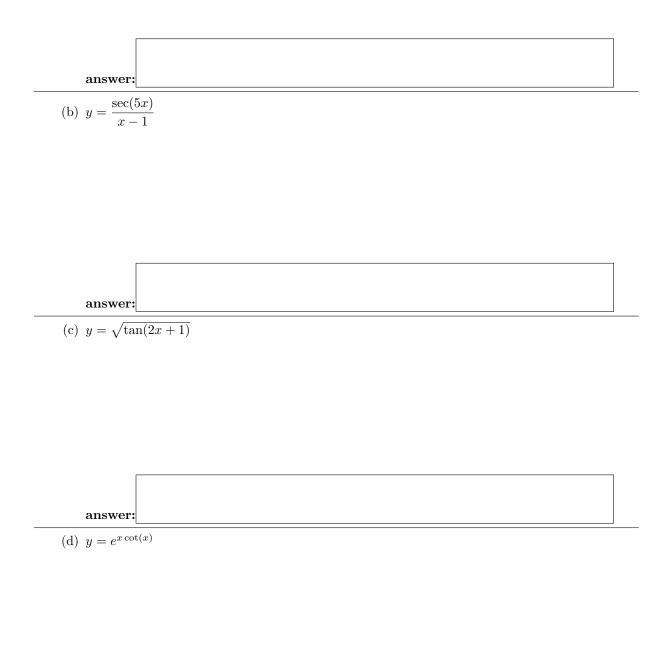
Math 201 - Quiz #4

Name: ____

- 1. Solve two of the following parts. Please put an X through the parts you do not want graded. Compute the derivative for each of the following. Full simplification is not necessary, but your final answer should not have any derivatives.
 - (a) $f(x) = 3\cos(x) + \sin(3x^7 1)$





2. Find $\frac{dy}{dx}$ of the equation $x^2 + xy + y^2 = \sin^2(x)$ using implicit differentiation.

