

Name _____

Mathematics 206a: Multivariable Calculus
Fall Semester 2005

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Quiz #13

September 28

Suppose $f(x, y) = x\sqrt{y^2 + 1}$

A. $\frac{\partial f}{\partial x}(x, y) =$

B. $\frac{\partial f}{\partial y}(x, y) =$

C. $\frac{\partial^2 f}{\partial x \partial y}(x, y) =$

D. $\frac{\partial^2 f}{\partial y \partial x}(x, y) =$