

Quiz #7

Math 116-C

Tuesday, January 23, 2001

1. Find f_x and f_y where $f(x, y) = \ln(2x + 3y)$.
2. Find f_{xx} , f_{xy} , f_{yx} , and f_{yy} for $f(x, y) = x^2 - 3xy - y^3$.