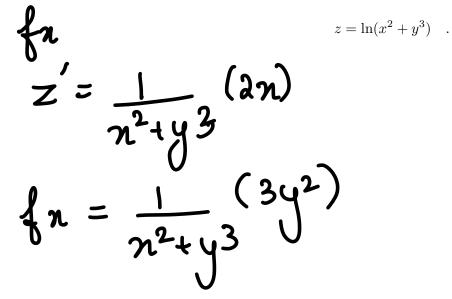
"QUIZ" for Lecture 7

 NAME: (print!)
 Aayushi Kasera
 Section:

E-MAIL SCANNED .pdf OF COMPLETED QUIZ to DrZcalc3@gmail.com (Attachment: q7FirstLast.pdf) ASAP BUT NO LATER THAN Sept. 28, 8:00pm

1. Compute the partial derivatives with respect to x and y.



2. Find an equation of the tangent plane to the given surface at the specified point.

 $z = x^2 + y^2 + 2$, (1, 1, 4) . f(1,1) = 2y(1,1) = 2 2(n-1) + 2(y - 1)Z - 4 =Z = 2n+2y