Math 101
Quiz 3
February 24 , 2011

Name : _____

ID# : _____

Department : _____

Section : _____

QUESTION: (a). Show that the point P(2, 4) lies on the curve $x^3 + y^3 - 9xy = 0$. **(b)**. Then find the tangent and normal to the curve at P. **(c)**. Find y'' at P.

SOLUTION: