

Department of Mathematics and Statistics

Math 201 Semester (111) Quiz 1

Name

ID #

Sec. 19

Q1) Find the equation in the Cartesian coordinates

$$x = 1 + 3t, \quad y = 2 - t^2$$

Q2) Find points on the curve where the tangent line is horizontal or vertical $x = 10 - t^2, \quad y = t^3 - 12t$.

Find equation of the horizontal tangent.