

Name :

Student ID :

Department :

Math 101, Calculus 1, Section 3
Quiz 2

1. Find equations of tangent and normal line to the curve $x^2y^2 = (y + 1)^2(4 - y^2)$ at the point $(2\sqrt{3}, 1)$. [**Exercise 32, on page 170 of your textbook**]

Please present the solution using mathematical terminology in a clear and understandable manner. (Grading 10 points.)