

Math-13 Sections 01 and 02

Homework #9

Due: Midnight 10/30

An ellipse is a circle that has been stretched in the horizontal and/or vertical directions. Consider the ellipse:

$$4x^2 + 9y^2 = 36$$

1. Determine y' .
2. Determine the equation of the tangent line at the point $(0, 2)$.