

Name _____

Lab Section: _____

MATC 1200: Calculus for Business and Social Sciences

Lab 3: Secant and Tangent lines

Pre-Lab Questions

1. What is the slope of the line through the two points (x_0, y_0) and (x_1, y_1) ?
2. What is the point-slope form for the equation of a line?
3. What is the slope-intercept form for the equation of a line?
4. Find the equation of the line between the two points $(-1, 2)$ and $(3, -7)$. Express your answer in slope-intercept form.
5. Find the equation of the line with slope equal to 5 that passes through the point $(4, -9)$. Express your answer in slope-intercept form.