

Week's Objectives, Deadlines, etc

Mon Objective: Putting it all together; practicing finding derivatives and using them to solve problems.

Work: Chapter 3 Review Problems: 3, 4, 5, 8, 10, 13, 15, 22, 30, 31, 34

Hint: A function is differentiable at a point if it is continuous and there is no cusp, corner, or vertical tangent at that point.

Tues Objective: Putting it all together; practicing finding derivatives.

Work: Chapter 3 Review Problems: 35, 37, 38, 39, 41, 45, 46, 53, 54, 59, 61

Wed Work: Chapter 3 Review Problems: 64, 65, 66,67, 70, 71, 78

Thu Objective: Review for the unit test.

Fri UNIT TEST:

- Using the chain rule to find the first and second derivative.
- Using implicit differentiation to find the first and second derivative.
- Using logarithmic differentiation to find the first and second derivative.
- Using the derivative to find the equation of the tangent and normal lines.