

MATH 160 Exam II Review 2.6 - 3.3

1. Know how to find the average rate and the instantaneous rate of change of a function. (2.6)
2. Know how to find the slope of a tangent line and the equation of the tangent line. (2.6)
3. Know how to find the derivative of a function using the limit definition. (2.6)
4. Know how to find the derivative of functions using the basic rules: Constant rule, Power rule, Sum-Difference rule, Constant Multiple rule. (3.1)
5. Know how find the derivative of the product of two functions (Product rule) and of the quotient of two function (Quotient rule). (3.2)
6. Know how to find the derivative of composite functions (Chain rule). (3.3)
7. Review Exercises.
 - a) HW, Quizzes
 - b) Ch. 2. Review, 31-35; Ch. 3. Review, 1 - 29, 57, 59, 61