

Review for Chapter 5 Test

1. Be able to evaluate a function. Intervals of increasing, decreasing. Intervals of concavity. Critical points. Maximum and minimum points. What test did you use? First derivative or second derivative test. (Basically all of Quiz 5.1-5.2, especially #16-20)
2. Be able to sketch the graph of a function given information about the derivative and the second derivative.
3. Be able to do a rectilinear motion problem. (P. 330 # 11, 12, 17, 18, 27)
4. Be able to find absolute extrema. (P. 339 # 5-10)
5. Be able to do maximization/minimization problems. (Problems from notes paper & P. 350 # 5, 11, 17, 19, 20, 21)
6. Be able to answer multiple choice questions similar to those from the AP Exam. These questions will cover the same concepts as above.