MATH 160 Final Review (3.4 - 4.4)

1. Know how to find and interpret the marginal average cost. (3.4)

2. Know how to find higher order derivatives. (3.5)

3. Know how to find critical numbers. (4.1)

4. Know how to find relative extrema of a function using the first and second derivative tests. (4.1, 4.2)

4. Know how to find the absolute extrema of a function. (4.4 - 4.5)

5. Know how to find the intervals on which a function is increasing/decreasing. (4.1)

5. Know how to find the intervals on which a function is concave up/down. (4.2)

6. Be able to sketch a graph of a function using the guidelines on p. 288. (4.3)

7. Review Exercises.
   a) HW, Quizzes
   b) Ch. 3. Review, #16 - 30, 37 - 74
   c) Ch. 4. Review, #1 - 40