Review for Test 2

Exam 2 is usually the hardest test of the course. The topics covered will be:

1. Linear and/or quadratic approximations

2. Sketches of $y = f(x)$

3. Max/min problems.

4. Related rates.

5. Antiderivatives. Separation of variables.

6. Mean value theorem.

You should also work some practice tests to familiarize yourself with the different types of questions on the exam before you take it.

In conclusion, the main theme of this unit on applications of derivatives is that information about a function's derivative gives us information about the function itself.

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18.01SC Single Variable Calculus
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