

DO NOW

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Chapter 4 Review

- Extrema on an Interval - absolute, relative and endpoint extrema
- Finding absolute minimas and maximas versus finding relative minimas and maximas
- Rolle's Theorem and application
- Mean Value Theorem and application
- Finding Critical Numbers - increasing and decreasing functions
- First Derivative Test - when to use it and what it tells
- Finding possible Points of Inflection - concavity of functions
- Identifying Points of Inflection
- Second Derivative Test - when to use it and what it tells
- GRAPHING functions and derivatives from pictures

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Chapter 4 Review

- Limits at Infinity - positive and negative infinity
- Indetermine forms
- L'Hôpital's Rule and when to use it
- Finding Horizontal Asymptotes
- Curve Sketching - Procedure and all processes
- Optimization Problems

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Recommended:

You should be able to do the following questions on pg 278 - 280:

3 - 6, 9 - 11, 15 - 21, 25 - 30, 35 - 46
55 - 61, 63 - 65, 67, 68, 71, 77

And pg 590; 73 - 76

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HOMEWORK

Be Ready for Test 4

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