

Exam 3 Topics

- Know Differentiation rules from chapter 2
- Mean Value Theorem
 - Rolle's Theorem (Special case when value at end points is the same)
- Limits at infinity
- Asymptotes
 - Horizontal
 - Slant
- Concavity and inflection points
- Optimization Problems
 - See Packet
 - First and second derivative tests
- Anti-derivatives
 - ie. finding position function given acceleration function and initial conditions
- Limit Definition of the in integral