Exam 3 Topics

- Linear Approximations
- Quadratic Approximations
- Finding Absolute Extrema
- Finding Local Extrema
- Mean Value Theorem
- Shapes of curves using first and second derivatives
- Increasing/decreasing intervals
- Intervals of concavity
- Finding points of inflection
- l'Hospital's Rule for finding limits of indeterminate forms
- Curve sketching
- Optimization problems
- Economic applications