- h. Optimization
- i. Related rates
- 4. Integration
 - a. Antiderivatives
 - b. Sums and sigma notation
 - c. Area
 - d. The definite integral
 - e. The fundamental theorem of calculus
 - f. Integration by substitution
 - g. The natural logarithm as an integral
- 5. Applications of integration
 - a. Exponential growth
 - b. Separation of variables