

CONCEPTS TO KNOW - EXAM I

■ Functions

- Evaluate
- Domain and Range
- Parent or Basic with translations
- Piece-wise Defined

■ Applications

- Break-Even Analysis
- Market Equilibrium

■ Exponential and Log Functions

- Compound Interest (TVM Solve and continuously)
- Growth and Decay
- Properties of Logs
- Solving equations

■ Limits

- From graphs
- Algebraically
- 3 Step definition of Continuity
- Asymptotes

■ Definition of the Derivative

- Equations of Tangent Lines
- Nonexistence of the Derivative