

Concepts to know For the Final

See the concepts to know from the old exam

- Exam 1
- Exam 2
- Exam 3

New Material: Sections 10.1 - 10.4

- Setting up a differential equation from a word problem.
- Predicting function values using the differential equation.
- Testing to see if a function is a solution to a differential equation.
- Solving for the constants for a differential equation.
- Slope fields.
- Solving differential equations
  - general solution
  - initial condition
- word problems with differential equation problems.