

Chapter 8 Free-Response Review Exercises

Directions: These review exercises are free-response questions based on the content in Chapter 8: Differential Equations.

8.1: Slope Fields and Euler's Method

8.2: Separation of Variables

8.3: Exponential Models

8.4: Logistic Models

8.5: First-Order Linear Differential Equations

For each question, show all your work. To make the best use of these review exercises, follow these guidelines:

- Print out this document and work through the questions as if this paper were an exam.
- Do not use a calculator of any kind. All of these problems are designed to contain simple numbers.
- Adhere to the time limit.
- After you complete all the questions, score yourself according to the Solutions document. Note any topics that require revision.

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Differential Equations

Number of Questions—0

Time—1 hour 30 minutes

NO CALCULATOR

This marks the end of the review exercises.