

Chapter 0 Free-Response Review Exercises

Directions: These review exercises are free-response questions based on the content in Chapter 0: Preliminaries.

- 0.1:** Fundamental Skills in Algebra
- 0.2:** Numbers, Sets, and Absolute Values
- 0.3:** Coordinates and Geometry
- 0.4:** Defining a Function
- 0.5:** Linear Functions and Equations
- 0.6:** Modifying Functions; Inverse Functions
- 0.7:** Quadratics
- 0.8:** Trigonometry
- 0.9:** Exponents and Logarithms
- 0.10:** Sigma Notation

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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Preliminaries

Number of Questions—0

Time—1 hour 30 minutes

NO CALCULATOR

This marks the end of the review exercises.