

# Chapter 4 Review

## Student Text Pages

276–277

## Suggested Timing

60–75 min

## Tools

- grid paper
- geometry set
- computer with *The Geometer's Sketchpad*® (optional)

## Related Resources

- G–1 Grid Paper
- BLM 4–13 Chapter 4 Review

## Ongoing Assessment

- Upon completing the Chapter Review, students can also answer questions such as the following:
  - *Did you work by yourself or with others?*
  - *What questions did you find easy? difficult? Why?*
  - *How often did you have to check the related Example in the text to help you with the questions? For which questions?*

## Using the Review

Each question reviews different skills and concepts. Students could work independently to complete the Review, then work in pairs to compare solutions. Alternatively, the Review could be assigned for reinforcing skills and concepts in preparation for the Practice Test. Provide an opportunity for students to discuss any questions containing strategies or features they find difficult.

Consider allowing students to continue using concrete models for three-dimensional questions such as **questions 11 and 12**.

**Question 14** may appear daunting at first. If necessary, give students a hint, such as  $\sin^4 \theta = (\sin^2 \theta)^2$ .

After students have completed the Review, encourage them to make a list of questions that caused them difficulty, and include the related sections and teaching examples. They can use this to focus their studying for a final test on the chapter's content.

## Study Guide

Use the following study guide to direct students who have difficulty with specific questions to appropriate examples to review.

Question	Section(s)	Refer to
1	4.1	Example 2 (page 226)
2	4.1	Example 3 (page 225)
3	4.2	Example 1 (pages 233–234)
4	4.2	Example 1 (pages 233–234)
5	4.2	Example 2 (pages 234–235)
6	4.3	Example 1 (page 244)
7	4.3	Example 3 (page 245)
8	4.3	Example 3 (page 245)
9	4.4	Example 2 (page 251)
10	4.4	Example 3 (pages 251–253)
11	4.5	Examples 2 and 3 (pages 262–264)
12	4.5	Examples 2 and 3 (pages 262–264)
13	4.6	Examples 1 to 3 (pages 271–272)
14	4.6	Examples 1 to 3 (pages 271–272)
15	4.6	Examples 1 to 3 (pages 271–272)