

Chapter 3 Review

Student Text Pages

210 to 211

Suggested Timing

60–75 min

Tools

- grid paper
- graphing calculator
- computer with *The Geometer's Sketchpad*®

Related Resources

- G-1 Grid Paper
- BLM 3–9 Chapter 3 Review

Differentiated Instruction

- Have students create a modified K-W-L (Know-Want to Know-Learned) chart. Students use only the headings Know and Want to Know to list the concepts they understand and the concepts they need to practice in order to focus their chapter review, respectively.

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 might 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.

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	3.1	Example 1 (pages 151–153)
2	3.1	Investigate (pages 150–151)
3	3.1	Example 2 (page 153)
4, 5	3.2	Investigate (pages 160–161), Example 1 (pages 162–163)
6	3.2	Example 2 (page 164), Example 4 (page 165)
7	3.2	Example 3 (page 165)
8	3.3	Example 1 and 2 (pages 171–173)
9	3.3	Example 3 and 4 (page 173–174)
10	3.4	Example 1 (pages 180–181)
11	3.4	Example 2 (page 182)
12	3.5	Example 1 (pages 189–190)
13	3.5	Example 2 and 3 (pages 190–192)
14	3.6	Example 1 and 2 (pages 199–205)