

Chapter 4 Practice Test

Student Text Pages

228–229

Suggested Timing

40–80 min

Tools

- grid paper
- pennies or counters

Related Resources

BLM 4-12 Chapter 4 Practice Test

BLM 4-13 Chapter 4 Test

BLM G-1 Grid Paper

BLM G-3 Four Quadrant Grids

Study Guide

Use this 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 3 (pages 171–173)
2	4.1	Throughout
3	4.2 4.4	Example 2 (page 187) Example 1 (pages 206–207)
4	4.3 4.4	Example 1 (page 197) Example 1 (pages 206–207)
5	4.2 4.3 4.4	Example 2 (page 187) Examples 1, 2 (pages 197–198) Example 1 (pages 206–207)
6	4.4	Examples 1, 2 (pages 206–209)
7	4.1	Example 2 (pages 170–171)
8	4.2 4.3 4.4	Example 2 (page 187) Examples 1, 2 (pages 197–198) Example 1 (pages 206–207)
9	4.5	Example 2 (pages 221–222)
10	4.1	Investigate (pages 168–169)
11	4.5	Example 1 (pages 218–220)

Teaching Suggestions

The Chapter 4 Practice Test can be assigned as an in-class or take-home assignment.

You may wish to assign the Chapter 4 Practice Test as homework, making it a diagnostic, self-assessment tool. Take up the questions as a class, or have students mark their own Practice Tests. This will give students an accurate idea of what they need to focus on to prepare and be successful on the upcoming summative assessment.

If it is used as an assessment, use the following guidelines to help you evaluate the students.

Can students do each of the following?

- represent quadratic relations using a table of values, a graph, or an equation in vertex form
- identify the characteristics of the graph of a quadratic relation given its equation in vertex form
- sketch graphs of quadratic relations given the equations of the relations in vertex form
- identify and describe the effects of changing the parameters a , h , and k on the graph of a quadratic relation

Summative Assessment

- After students complete **BLM 4-12 Chapter 4 Practice Test**, you may wish to use **BLM 4-13 Chapter 4 Test** as a summative assessment.