Summative Assessment

• You may wish to use
  **BLM 1–12 Chapter 1 Practice
  Test** as a summative assessment.

Using the Practice Test

This practice test can be assigned as an in-class or take-home assignment. If it is used as an assessment, use the following guidelines to help you evaluate students.

Can students do each of the following?

• Differentiate between relations and functions
• State the domain and range of a data set, graph, and function
• Find the vertex of a quadratic function
• Solve quadratic equations
• Work with radicals
• Find maximum/minimum values using a variety of strategies
• Find quadratic functions given zeros and a point
• Work with families of quadratic functions
• Find points of intersection of a quadratic and a linear function
• Identify when a linear-quadratic system has no solution, one solution, or two solutions

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	1.1	Example 3 (pages 9–10)
2	1.1	Example 1 (pages 6–7)
3	1.1	Example 3 (pages 9–10)
4	1.2	Example 1 (pages 17–18)
5	1.3	Example 1 (page 26)
6	1.5	Example 1 (pages 44–45)
7, 8, 9	1.1	Example 3 (pages 9–10)
10	1.2	Example 2 (page 19)
11	1.3	Example 1 (page 26)
12, 13	1.3	Example 3 (pages 28–29)
14	1.4	Example 3 (page 37)
16, 17	1.5	Example 1 (pages 44–45)
18, 19	1.6	Example 2 (pages 54–55), Example 3 (page 56)
20	1.7	Example 2 (page 64)
21	1.3	Investigate A (page 25)
22	1.7	Example 4 (pages 66–67)