# Chapter 5 Practice Test

**Student Text Pages**
288–289

**Suggested Timing**
40–80 min

**Related Resources**
BLM 5-14 Chapter 5 Practice Test
BLM 5-15 Chapter 5 Test

**Accommodations**

**Memory**—have students prepare a glossary of key terms. Allow them to use their glossary for the test

**Spatial**—ensure that students have an example to follow for procedures that have numerous steps

**Perceptual**—encourage students to use technology for all graphing exercises

## 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 | 5.1 | Example 1 (page 235) |
| 2 | 5.1 | Example 1 (page 235) |
| 3 | 5.2 | Example 1 (page 243) |
| 4 | 5.2 | Example 2 (page 243) |
| 5 | 5.2 | Example 2 (page 243) |
| 6 | 5.3 | Example 2 (page 250) |
| 7 | 5.3 | Example 5 (page 251) |
| 8 | 5.4 | Example 1, 2 (page 257) |
| 9 | 5.4 | Example 3 (page 258) |
| 10 | 5.5 | Example 1 (page 265) |
| 11 | 5.5 | Example 2 (page 268) |
| 12 | 5.5 | Example 3 (page 269) |
| 13 | 5.6 | Example 1 (page 276) |
| 14 | 5.6 | Example 1 (page 278) |
| 15 | 5.6 | Practice 13 (page 284) |

## Teaching Suggestions

The Chapter 5 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 the students.

Can students do each of the following?

- multiply two binomials and square a binomial
- given the equation of a quadratic relation in vertex form, write the equation in standard form
- factor trinomials of the form $x^2 + bx + c$ and the form $ax^2 + bx + c$ where $a$ is a common factor
- given the equation of a quadratic relation in standard form, factor the trinomial to find the $x$-intercepts of the relation
- solve contextual problems involving quadratic relations

### Summative Assessment

- After students complete **BLM 5-14 Chapter 5 Practice Test**, you may wish to use **BLM 5-15 Chapter 5 Test** as a summative assessment.