

# Chapter 7 Practice Test

## Student Text Pages

314–315

## Suggested Timing

80 min

## Tools

- Computer Algebra System (CAS)
- grid paper

## Related Resources

BLM 7.PT.1 Chapter 7 Practice Test  
BLM 7.CT.1 Chapter 7 Test  
BLM G1 Grid Paper  
BLM T2 The Computer Algebra System (CAS) on the TI-89 Calculator

## Summative Assessment

- **BLM 7.PT.1 Chapter 7 Practice Test** provides a source for possible diagnostic, self-, or formative assessment.
- After students complete **BLM 7.PT.1 Chapter 7 Practice Test**, you may wish to use **BLM 7.CR.1 Chapter 7 Test** as a summative assessment.

## Accommodations

**ESL**—Encourage students to use a dictionary and/or the glossary they have created to help them understand the questions.

**Language**—Have students model the questions using grid paper or algebra tiles.

**Memory**—Review memory aids (e.g., FOIL) and multiplication patterns.

**Perceptual/Visual**—Have students use algebra tiles to model the questions.

## 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        | 7.1        | Investigate C (page 281), Examples 1 and 2 (pages 282–283) |
| 2        | 7.1        | Example 4 (page 285)                                       |
| 3        | 7.2        | Example 2 (page 292)                                       |
| 4        | 7.2        | Example 3 (page 292)                                       |
| 5        | 7.4        | Example 3 (page 308)                                       |
| 6        | 7.1        | Example 3 (page 285)                                       |
| 7        | 7.3        | Example 5 (page 301)                                       |
| 7        | 7.2        | Example 4 (page 293)                                       |
| 7        | 7.4        | Example 3 (page 308)                                       |
| 8        | 7.2        | Example 2 (page 292)                                       |
| 9        | 7.3        | Example 4–5 (page 301)                                     |

## Teaching Suggestions

- You may wish to assign **BLM 7.PT.1 Chapter 7 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.
- Alternatively, you may wish to use the test as a formative assessment. Have students complete the test in class. Then, have them make note of the questions they had trouble with, for study purposes. Recording students' marks will provide you with information on how students may have improved their summative test performance on **BLM 7.CT.1 Chapter 7 Test**.
- Can students do each of the following?
  - Expand binomials
  - Square binomials
  - Relate the area of a rectangle to the product of two binomials
  - Find the GCF and completely factor binomials and trinomials
  - Factor difference of squares and simple trinomials
  - Apply the concept of multiplying binomials to represent area of a rectangle
  - Evaluate algebraic expressions