

9

Chapter 9 Practice Test

Mathematics 10, pages 504–505

Suggested Timing

50–60 min

Materials

- graphing calculator

Blackline Masters

BLM 9–8 Chapter 9 Test

Planning Notes

Have students start the practice test by writing the question numbers in their notebook. Have them indicate which questions they need no help with, a little help with, and a lot of help with. Have students first complete the questions they know they can do, followed by the questions they know something about. Finally, suggest to students that they do their best on the remaining questions.

This practice test can be assigned as an in-class or take-home assignment. Provide students with the number of questions they can comfortably do in one class. These are the minimum questions that will meet the related curriculum outcomes: #1–6, 8, and 9.

Study Guide

Question(s)	Section(s)	Refer to	The student can ...
#1, 5, 7, 8	9.1	Examples 1, 2	✓ solve systems of linear equations algebraically using substitution
#2–4, 6	9.1	Example 1	✓ solve systems of linear equations algebraically using substitution
#5, 9	9.2	Example 1	✓ write equivalent equations to eliminate a variable ✓ solve systems of linear equations algebraically using elimination
#5	9.2	Example 3	✓ write equivalent equations to eliminate a variable ✓ solve systems of linear equations algebraically using elimination
#9, 10	9.1	Example 2	✓ solve systems of linear equations algebraically using substitution
#11, 12	9.3	Example 1	✓ choose a strategy to solve a problem that involves a system of linear equations

Assessment	Supporting Learning
Assessment as Learning	
<p>Chapter 9 Self-Assessment Have students review their earlier responses in the What I Need to Work On section of their chapter Foldable.</p>	<ul style="list-style-type: none"> • Have students use their responses on the practice test and work they have completed earlier in the chapter to identify areas in which they may need to reinforce their understanding of skills or concepts. Before the chapter test, coach them in the areas in which they are having difficulties.
Assessment of Learning	
<p>Chapter 9 Test After students complete the practice test, you may wish to use BLM 9–8 Chapter 9 Test as a summative assessment.</p>	<ul style="list-style-type: none"> • Consider allowing students to use their chapter Foldable.