

# Chapter 6 Practice Test

*Mathematics 10*, pages 335–337

## Suggested Timing

50–60 min

## Materials

- grid paper
- ruler
- graphing calculator

## Blackline Masters

BLM 6–10 Chapter 6 Test

## Planning Notes

Unlike the questions in the chapter review, the questions in the practice test are not grouped according to the sections in the student resource. Use the Study Guide below to refer students to the appropriate place in the student resource if they have difficulty with a question in the practice test. Have students complete the practice test individually.

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: #1–8, and 10.

## Study Guide

Question(s)	Section(s)	Refer to	The student can ...
#1	6.2	Example 1	✓ determine if a relation is linear
#2	6.5	Example 2	✓ determine the slope of a line
#3	6.3	Examples 1, 3	✓ express domain and range in a variety of ways
#4	6.1	Example 1	✓ sketch a graph for a given situation
#5	6.4	Example 1	✓ sort relations into functions and non-functions
#6	6.5	Examples 3, 4	✓ determine the slope of a line ✓ use slope to draw lines
#7	6.5	Example 3	✓ understand slope as a rate of change ✓ solve problems involving slope
#8	6.4	Example 2	✓ use notation specifically designed for functions
#9	6.3	Example 3	✓ express domain and range in a variety of ways
#10	6.3	Example 1	✓ express domain and range in a variety of ways
#11	6.1	Example 3	✓ sketch a graph for a given situation

Assessment	Supporting Learning
<b>Assessment as Learning</b>	
<p><b>Chapter 6 Self-Assessment</b> 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"> <li>• 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 areas in which they are having difficulties.</li> </ul>
<b>Assessment of Learning</b>	
<p><b>Chapter 6 Test</b> After students complete the practice test, you may wish to use <b>BLM 6-10 Chapter 6 Test</b> as a summative assessment.</p>	<ul style="list-style-type: none"> <li>• Consider allowing students to use their Foldable.</li> <li>• Allow students to have access to grid paper and graphing calculators.</li> </ul>