

Chapter 2 Practice Test

Student Text Pages

132–133

Suggested Timing

40–80 min

Tools

- scientific calculators

Related Resources

BLM 2-14 Chapter 2 Practice Test
BLM 2-15 Chapter 2 Test

Accommodations

Motor—have students work with a partner to assist with drawing diagrams

Memory—have students create a summary page with examples of how each trigonometric tool is used to solve triangles

ESL—have students work with a partner to assist with reading the questions. Have students review words in the chapter that they initially did not understand. Allow students to refer to their personal math dictionaries, if necessary.

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	2.1	Example 1 (page 75)
2	2.1	Example 3 (page 77)
3	2.1	Example 2 (page 76)
4	2.5	Discuss the Concepts (page 125)
5	2.1	Example 3 (page 77)
6	2.3	Example 2 (pages 98–99)
7	2.2	Example 2 (page 90)
8	2.4	Example 1 (page 106)
9	2.1	Example 1 (page 75)
10	2.4	Example 3 (page 108)
11	2.5	Example 2 (pages 122–123)
12	2.5	Examples 1 and 2 (pages 120–123)

Teaching Suggestions

The 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 your students.

Can students do each of the following?

- determine the primary trigonometric ratios for an angle in a right triangle
- apply trigonometric ratios to determine unknown side lengths and angle measures
- solve a right triangle for all side lengths and angle measures
- determine the primary trigonometric ratios for acute and obtuse angles in standard position
- apply the sine law to determine unknown side lengths and angle measures
- apply the cosine law to determine unknown side lengths and angle measures
- solve oblique triangles using a variety of tools and strategies
- apply trigonometry in conjunction with other mathematical tools and strategies to solve multi-step problems

Summative Assessment

- After students complete **BLM 2-14 Chapter 2 Practice Test**, you may wish to use **BLM 2-15 Chapter 2 Test** as a summative assessment.