Practice Test

Student Text Pages
302 to 303

Suggested Timing
40–50 min

Tools
- grid paper
- graphing calculator

Related Resources
- G–7 Trigonometric Graph Paper
- BLM 5–13 Chapter 5 Test

Summative Assessment
- You may wish to use **BLM 5–13 Chapter 5 Test** as a summative assessment.

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	5.1	Example 1 (page 254), Example 2 (page 255)
2	5.1	Example 1 (page 254), Example 2 (page 255)
3	5.3	Example 2 (pages 272–273)
4	5.3	Example 1 (pages 271–272)
5	5.2	Investigate (pages 261–263)
6	5.2	Example 1 (pages 263–264)
7	5.4	Investigate (pages 282–283)
8	5.2	Example 4 (pages 265–266)
9	5.2	Example 3 (page 265)
10	5.3	Example 1 (pages 271–272)
11	5.3	Example 2 (pages 272–273)
12	5.3	Example 1 (pages 271–272)
13	5.4	Example 1 (pages 283–284)
14	5.4	Example 2 (page 285)
15	5.5	Example 2 (pages 293–294)
16	5.5	Example 2 (pages 293–294)
17	5.5	Investigate (pages 290–291), Example 1 (pages 292–293)

Can students do each of the following?

- Determine amplitude, vertical translation, phase shift, and period of a sinusoidal function given its equation
- Determine the equation of a sinusoidal function given its amplitude, vertical translation, phase shift, and period
- Determine angles that have a given sine, cosine, tangent, cosecant, secant, or cotangent
- Solve linear and quadratic trigonometric equations
- Model real-world situations using reciprocal trigonometric equations
- Given a data set, model the data using a sinusoidal function
- Determine values for inverse trigonometric relations