Chapter 6 Practice Test

Student Text Pages
412 to 413

Suggested Timing
45–60 min

Tools
- grid paper
- graphing calculator

Related Resources
- G–1 Grid Paper
- BLM 6–14 Chapter 6 Practice Test

Summative Assessment
- You may wish to use **BLM 6–14 Chapter 6 Practice Test** as a summative assessment.

Using the Practice Test

This 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 the students.

Can students do each of the following?

- Distinguish between a continuous and a discrete function from a sequence or a graph
- Determine an explicit formula for a sequence
- Determine a recursion formula for a sequence
- Use the correct formula to find the terms of an arithmetic or geometric sequence
- Determine patterns in the Fibonacci sequence and in Pascal's triangle and represent these patterns as sequences, diagrams, or graphs

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	6.2	Example 2 (page 367)
2	6.3	Example 4 (pages 376–377)
3	6.4	Example 2 (page 383)
4	6.5	Example 1 (page 389)
5	6.5	Example 1 (page 389)
6	6.4, 6.5	Example 2 (page 383), Example 2 (page 390)
7	6.2	Example 2 (page 367)
8	6.4, 6.5	Example 2 (page 383), Example 2 (page 390
9	6.1	Example 1 (page 356)
10	6.4, 6.5	Example 3 (page 384), Example 3 (pages 390–391)
11	6.6, 6.7	Example 2 (pages 397–398), Example 2 (pages 404–405)
12	6.6	Example 3 (page 398)
13	6.7	Example 3 (pages 405–406)
14	6.7	Example 3 (pages 405–406)
15	6.3	Example 4 (pages 376–377)
16	6.6	Example 3 (page 398)
17	6.6	Example 3 (page 398)
18	6.6	Example 3 (page 398)
19	6.7	Example 4 (pages 406–407)
20	6.6	Example 3 (page 398)
21	6.6	Example 4 (page 399)
22	6.7	Example 3 (pages 405–406)
23	6.2	Investigate (page 365–366)