## REVIEW KEY VOCABULARY

- sequence, p. 794
- terms of a sequence, p. 794

**CHAPTER REVIEW** 

- series, p. 796
- summation notation, p. 796
- sigma notation, p. 796

## **VOCABULARY EXERCISES**

1. Copy and complete: The values in the range of a sequence are called the <u>?</u> of the sequence.

• arithmetic sequence, p. 802

• common difference, p. 802

• geometric sequence, p. 810

• arithmetic series, p. 804

• common ratio, p. 810

- 2. WRITING How can you determine whether a sequence is arithmetic?
- **3.** Copy and complete: A(n) <u>?</u> rule gives  $a_n$  as a function of the term's position number *n* in the sequence.
- **4.** Copy and complete: In a(n) <u>?</u> sequence, the ratio of any term to the previous term is constant.

## **REVIEW EXAMPLES AND EXERCISES**

Use the review examples and exercises below to check your understanding of the concepts you have learned in each lesson of Chapter 12.



- geometric series, p. 812
  - partial sum, p. 820
  - explicit rule, p. 827
  - recursive rule, p. 827
  - iteration, p. 830

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