

Mid-Chapter Review—Study Guide

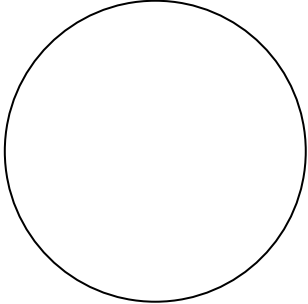
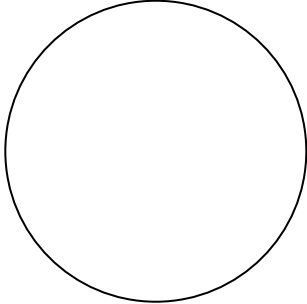
STUDENT BOOK PAGES 24–25

A. Give a definition of prime numbers and composite numbers.

Prime number: _____

Composite number: _____

Write 8 examples of each type of number in each circle:

Prime Numbers	Composite Numbers
	

B. Describe how you would write a number given in standard form in expanded form and in scientific notation.

Number in Standard Form

How would you write the number in expanded form?

How would you write the number in scientific notation?

Show an example. Use a 6-digit number.

Standard Form: _____

Expanded Form:

Scientific Notation:

Name: _____ Date: _____

Mid-Chapter Review—Frequently Asked Questions

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Q: How can you determine whether or not a number is a prime number?

A: _____

Q: How can you use prime factorization to determine the LCM and GCF of two numbers?

A: _____

Q: How can you express a number in expanded form and in scientific notation?

A: _____

