

Section Review

The Cycles of Matter

USING KEY TERMS

For each pair of terms, explain how the meanings of the terms differ.

1. *evaporation* and *condensation*

2. *decomposition* and *combustion*

UNDERSTANDING KEY IDEAS

- _____ 3. Nitrogen fixation
- a. is done only by plants.
 - b. is done mostly by bacteria.
 - c. is how animals make proteins.
 - d. is a form of decomposition.

4. Describe the water cycle.

5. Describe the carbon cycle.

MATH SKILLS

6. The average person in the United States uses about 78 gal of water each day. How many liters of water does this equal? How many liters of water will the average person use in a year? Show your work below.

Section Review *continued*

CRITICAL THINKING

7. **Analyzing Processes** Draw a simple diagram of each of the cycles discussed in this section. Draw lines between the cycles to show how parts of each cycle are related.

8. **Applying Concepts** Give an example of how the calcium in an animal's bones might be cycled back into the environment.
