

Section Review

Freshwater Ecosystems

USING KEY TERMS

1. Use the following terms in the same sentence: wetland, marsh, and swamp.

UNDERSTANDING KEY IDEAS

- _____ 2. A major abiotic factor in freshwater ecosystems is the
- a. source of the water.
 - b. speed of the water.
 - c. width of the stream or river.
 - d. None of the above

3. Describe the three zones of a lake.

4. Explain how a lake can become a forest over time.

Section Review *continued*

MATH SKILLS

5. Sunlight can penetrate a certain lake to a depth of 15 m. The lake is five and a half times deeper than the depth to which light can penetrate. In meters, how deep is the lake? Show your work below.

CRITICAL THINKING

6. **Making Inferences** When bacteria decompose material in a pond, the oxygen in the water may be used up. So, fishes in the pond die. How might the absence of fish lead to a pond filling faster?

7. **Applying Concepts** Imagine a steep, rocky stream. What kinds of adaptations might animals living in this stream have? Explain your answer.
