

Skills Worksheet

# Section Review

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## Everything Is Connected

### USING KEY TERMS

1. In your own words, write a definition for the term *ecology*.

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2. Use the following terms in the same sentence: *biotic* and *abiotic*.

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### UNDERSTANDING KEY IDEAS

- \_\_\_\_\_ 3. Which one of the following is the highest level of environmental organization?

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|--------------|---------------|
| a. ecosystem | c. population |
| b. community | d. organism   |

4. What makes up a community?

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5. Give two examples of how abiotic factors can affect an ecosystem.

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### MATH SKILLS

6. From sea level, the biosphere goes up about 9 km and down about 19 km. What is the thickness of the biosphere in meters? Show your work below.

Section Review *continued*

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**CRITICAL THINKING**

7. **Analyzing Relationships** What would happen to the other organisms in the salt-marsh ecosystem if the cordgrass suddenly died?

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8. **Identifying Relationships** Explain in your own words what people mean when they say that everything is connected.

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9. **Analyzing Ideas** Do ecosystems have borders? Explain your answer.

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