

Section Review

Soil Conservation

USING KEY TERMS

1. In your own words, write a definition for each of the following terms: *soil conservation* and *erosion*.

UNDERSTANDING KEY IDEAS

2. What are three important benefits that soil provides?

- _____ 3. Practicing which of the following soil conservation techniques will replace nutrients in the soil?

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|--------------------|--------------------|
| a. cover crop use | c. terracing |
| b. no-till farming | d. contour plowing |

4. How does crop rotation benefit soil?

5. List five methods of soil conservation, and describe how each helps prevent the loss of soil.

Section Review *continued*

MATH SKILLS

6. Suppose it takes 500 years to form 2 cm of new soil without erosion. If a farmer needs at least 35 cm of soil to plant a particular crop, how many years will the farmer need to wait before planting his or her crop? Show your work below.

CRITICAL THINKING

7. **Applying Concepts** Why do land animals, even meat eaters, depend on soil to survive?
