Name _____ Class_____Date_____

Skills Worksheet

Section Review

Living Things Need Energy

USING KEY TERMS

1. Use each of the following terms in a separate sentence: *herbivores, carnivores,* and *omnivores.*

_____

_____

_____

2. In your own words, write a definition for each of the following terms: *food chain, food web,* and *energy pyramid*.

_____

_____

_____

UNDERSTANDING KEY IDEAS

_____ 3. Herbivores, carnivores, and scavengers are all examples of
   a. producers.
   b. decomposers.
   c. consumers.
   d. omnivores.

4. Explain the importance of decomposers in an ecosystem.

_____

_____

5. Describe how producers, consumers, and decomposers are linked in a foodchain.

_____

_____

6. Describe how energy flows through a food web.

_____

_____

_____

MATH SKILLS

7. The plants in each square meter of an ecosystem obtained 20,810 Calories of energy from sunlight per year. The herbivores in that ecosystem ate all the plants but obtained only 3,370 Calories of energy. How much energy did the plants use? Show your work below.

CRITICAL THINKING

8. **Identifying Relationships** Draw two food chains, and depict how they link together to form a food web.

9. **Applying Concept** Are consumers found at the top or bottom of an energy pyramid? Explain your answer.

_____

_____

_____

_____

10. **Predicting Consequences** What would happen if a species disappeared from an ecosystem?

_____

_____

_____

_____