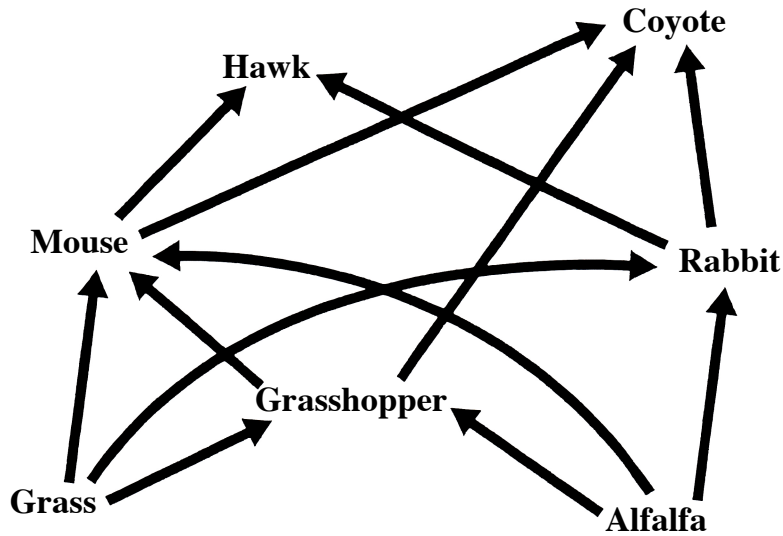


Energy Flow in Ecosystems

Understanding Main Ideas

Use the food web to answer questions 1 through 3.



1. Which organism in the food web is sometimes a first-level consumer and sometimes a second-level consumer? Explain.
2. Choose one food chain in the web. Name all the organisms in that chain. Start with the producer and end with the top-level consumer.
3. Draw an energy pyramid for the food chain you chose. Label the pyramid to show how the energy available at each level changes and how population size at each level changes.

Building Vocabulary

Write the term that completes each definition below.

4. Organisms that make their own food are called _____.
5. Organisms that obtain energy by feeding on other organisms are called _____.
6. Organisms that break down wastes and dead organisms and return the raw materials to the environment are called _____.
7. Consumers that eat only animals are called _____.
8. Consumers that eat only plants are called _____.
9. Consumers that eat both plants and animals are called _____.
10. Consumers that feed on the bodies of dead organisms are called _____.