

7



Draw arrows to show what the hawk would eat.

Identify one complete food chain in this food web in the correct order.

Explain what might happen if the grass in this food web were to disappear.



At your next meal, make a game with your family to identify the food chains that led to the different foods you are eating. What is the longest chain? The shortest chain?

5 Label the role of each organism. Some have more than one role. Use these terms: *producer, herbivore, carnivore, first-level consumer, second-level consumer, decomposer.*









6 A drought has affected an ecosystem. Many plants have died for lack of water. What do you think will happen to the other organisms in the area?

Apply Concepts

2 This food chain is scrambled. Rewrite the links in the correct order.

hawk → bacteria → corn → mouse

_____ → _____ → _____ → _____

3 Complete the facts about the energy pyramid below.



a. The shrubs use _____ percent of their energy and pass on _____ percent to the deer that eat them.

b. Which organisms get the least amount of energy?

c. Which organisms must be the most plentiful to support this food chain?

4 Many food chains used the sun's energy to produce the food in this sandwich. The cheese came from milk from a cow that ate grass that took energy from the sun, for example. Fill in the other chains.



sun _____ → you

sun _____ → you

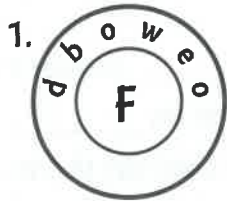
sun _____ → you

Name _____

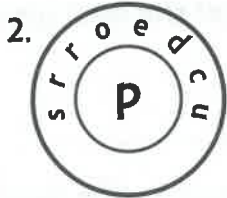
Word Play

1

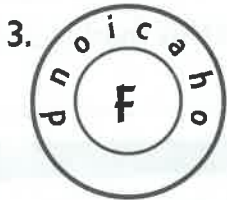
Unscramble the terms. The first letter of each term is in the center of the target. Use the definitions to help you.



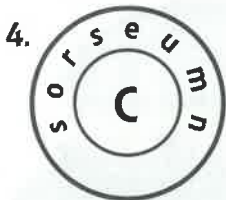
A diagram that shows overlapping food chains (2 words)



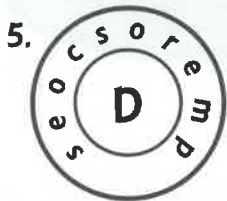
Plants and some plantlike microorganisms



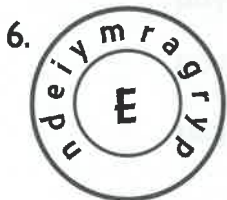
A single path that shows how food energy moves from one organism to the next in an ecosystem (2 words)



Animals that eat plants and animals



Organisms that break down the nutrient remains of dead things



A diagram that shows how energy is used, stored, and passed on in each level of a food chain (2 words)