

Unit 5 Review

Name _____

Vocabulary Review

Use the terms in the box to complete the sentences.

adaptation
food chain
resource

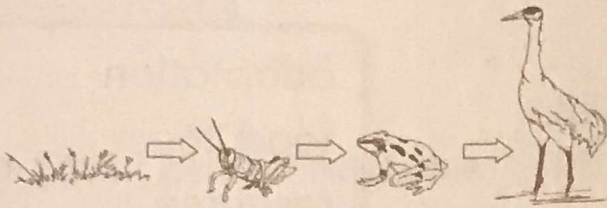
1. A(n) food chain shows how energy moves from plants to animals.
2. Anything that people can use to meet their needs is a(n) resource.
3. Humps help camels survive in their environment. Humps are a(n) adaptation.

Science Concepts

Fill in the letter of the choice that best answers the question.

4. Which is an example of a natural event changing a forest?
 (A) a forest fire
 (B) people planting trees
 (C) people cutting down trees
5. How are the needs of plants and animals alike?
 (A) Animals and plants both need sunlight to make their own food.
 (B) Animals and plants both need air and water to survive.
 (C) Animals and plants both need lungs to breathe.

6. This picture shows the steps in a food chain.



Which statement about this food chain is **true**?

- (A) Frogs eat grasshoppers.
 - (B) Grasshoppers eat frogs.
 - (C) Frogs and grasshoppers eat each other.
7. A plant has adaptations for living in a wet, shady environment. What will **most likely** happen if it is moved to a sunny, dry place?
- (A) The plant will die.
 - (B) The plant will grow better.
 - (C) The plant will grow as well.

8. What is the main reason people make changes to environments?

- (A) They need resources.
- (B) They have bad adaptations.
- (C) They want to help the environment.

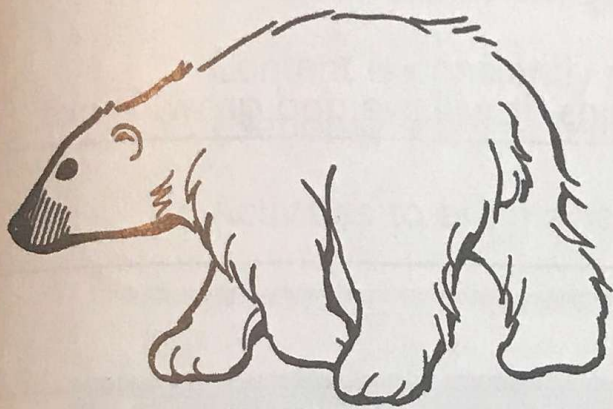
9. Which begins every food chain?

- (A) plants
- (B) turtles
- (C) sunlight and plants

10. How do animals help plants meet their needs?

- (A) by making food for them
- (B) by spreading their seeds and pollen
- (C) by giving them shelter and oxygen

11. Look at the adaptations of this polar bear.



Where would the bear best survive?

- (A) hot, dry environment
- (B) cold, icy environment
- (C) warm, wet environment

12. Plants may change an environment over time. Which of these things can **most** change an environment in minutes?

- (A) animals
- (B) fire
- (C) soil

Inquiry and the Big Idea

Write the answers to these questions.

13. Describe two adaptations that would help an animal survive in a cold environment. Explain your answer.

Sample answer: A thick layer of blubber and thick hair or fur

would help keep an animal warm in a cold environment.

14. Suppose a fire changes an environment. How will you know if a plant living in the environment has the adaptations to survive in the new environment?

If the plant has the right adaptations, it will live and grow. If not,

the plant will wither and die.