

Name:

Date:

Class:

## Lesson 14.5: Animals, Plants, and Geography

### Know and Understand

Answer the following questions using the information provided in this lesson.

1. What is the interaction of many food chains called? (14.5.1)

- A. Food community
- B. Grocery store
- C. Habitat
- D. Food web

Answer:

2. Where is the beginning of the food chain? (14.5.1)

- A. Air
- B. Plants
- C. Producers
- D. Sun

Answer:

3. What is the process called whereby producers use the sun's solar energy to manufacture simple sugars? (14.5.1)

- A. Photosynthesis
- B. Respiration
- C. Decomposition
- D. None are correct.

Answer:

4. How do consumers gain energy? (14.5.1)

- A. From the sun
- B. By eating other animals or plants

- C. By eating decomposing animals and plants
- D. Through photosynthesis

Answer:

5. Which of the following is an appropriate example of a food chain? (14.5.1)
- A. Producer → consumer → decomposer → apex predator
  - B. Apex predator → secondary consumer → tertiary consumer → decomposer
  - C. Producer → primary consumer → secondary consumer → apex predator
  - D. Producer → decomposer → consumer → super predator

Answer:

6. Which group of consumers is found at the top of the food chain? (14.5.2)
- A. Primary predators
  - B. Apex predators
  - C. Secondary predators
  - D. Super predators

Answer:

7. What is the organism a parasite lives in or on called? (14.5.2)
- A. Omnivore
  - B. Detritivore
  - C. Host
  - D. Decomposer

Answer:

8. Which of the following is not an essential characteristic of carrying capacity? (14.5.3)
- A. Food and habitat
  - B. Shelter and water
  - C. Range or space
  - D. Reproductive ability

Answer:

9. What is the name given to species not naturally found in a particular ecosystem? (14.5.4)
- A. Invasive
  - B. Domestic
  - C. Native
  - D. None are correct.

Answer:

10. What factors enable a species to become invasive to a new region? (14.5.4)
- A. Rapid growth
  - B. Short reproduction cycles
  - C. Flexible food tolerance
  - D. All are correct.

Answer: