

## Ecosystems: Food Chains, Producers, and Consumers



Name: \_\_\_\_\_ Date: \_\_\_\_\_

Read each question about ecosystem energy flow and select the best answer.

1. In the grassland food chain: Sun → Clover → Rabbit → Red Fox, which organism is the PRODUCER?

- A. Red Fox
- B. Rabbit
- C. Clover (Plant)
- D. Sun

2. What do the arrows in a food chain diagram (A → B) represent?

- A. Which animal is bigger
- B. The direction that energy and nutrients flow
- C. Which animal can run faster
- D. The path an animal walks to find water

3. Mushrooms, earthworms, and bacteria break down dead leaves and fallen trees into rich soil. What ecological role do they fill?

- A. Apex predators
- B. Primary producers
- C. Decomposers
- D. Herbivores