



Food Webs and Energy

Name: _____

Date: _____

Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. If a disease killed all the rabbits, the foxes that eat them would have less _____.
2. Removing one species from a food web can affect _____ other species.
3. An energy _____ shows that producers have the most energy in an ecosystem.
4. Carnivores eat only _____.
5. A bear that eats fish and berries is classified as an _____.
6. Algae in a pond food web serve as _____.
7. Earthworms help decompose dead leaves and return nutrients to the _____.
8. When a predator population grows too large, its _____ population shrinks.
9. The arrows in a food chain point in the direction that _____ flows.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

herbivore	→ _____	breaks down dead matter
carnivore	→ _____	eats only plants
omnivore	→ _____	eats only animals
decomposer	→ _____	eats both plants and animals

Answer Key • Food Webs and Energy • Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. If a disease killed all the rabbits, the foxes that eat them would have less food .
2. Removing one species from a food web can affect many other species.
3. An energy pyramid shows that producers have the most energy in an ecosystem.
4. Carnivores eat only meat .
5. A bear that eats fish and berries is classified as an omnivore .
6. Algae in a pond food web serve as producers .
7. Earthworms help decompose dead leaves and return nutrients to the soil .
8. When a predator population grows too large, its prey population shrinks.
9. The arrows in a food chain point in the direction that energy flows.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

herbivore	→ <u>eats only plants</u>	breaks down dead matter
carnivore	→ <u>eats only animals</u>	eats only plants
omnivore	→ <u>eats both plants and animals</u>	eats only animals
decomposer	→ <u>breaks down dead matter</u>	eats both plants and animals