



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. The base of an energy pyramid is made up of _____ .
2. A trophic level is a feeding _____ in a food chain.
3. Only about _____ percent of energy is passed from one trophic level to the next.
4. Secondary consumers eat _____ consumers.
5. An organism that eats a primary consumer is called a _____ consumer.
6. Decomposers recycle _____ back into the soil for producers to use.
7. A food web is more _____ than a single food chain because it has many paths.
8. Hawks, wolves, and sharks are examples of _____ predators.
9. Plants use sunlight, water, and carbon dioxide to make food through _____ .

Part B: Matching

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

1. Match each item to its correct answer.

producer	→ _____	breaks down dead organisms
primary consumer	→ _____	makes its own food from sunlight
secondary consumer	→ _____	eats primary consumers
decomposer	→ _____	eats producers directly

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. The base of an energy pyramid is made up of producers.
2. A trophic level is a feeding level in a food chain.
3. Only about ten percent of energy is passed from one trophic level to the next.
4. Secondary consumers eat primary consumers.
5. An organism that eats a primary consumer is called a secondary consumer.
6. Decomposers recycle nutrients back into the soil for producers to use.
7. A food web is more complex than a single food chain because it has many paths.
8. Hawks, wolves, and sharks are examples of top predators.
9. Plants use sunlight, water, and carbon dioxide to make food through photosynthesis.

Part B: Matching

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

1. Match each item to its correct answer.

producer	→ <u>makes its own food from sunlight</u>	breaks down dead organisms
primary consumer	→ <u>eats producers directly</u>	makes its own food from sunlight
secondary consumer	→ <u>eats primary consumers</u>	eats primary consumers
decomposer	→ <u>breaks down dead organisms</u>	eats producers directly