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

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