



Food Webs and Energy

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: A producer is an animal that eats plants to get energy from the sun.

Rewrite: _____

2. Fix the sentence: A food web shows a single straight path of energy from the sun to one animal.

Rewrite: _____

3. Fix the sentence: Decomposers are predators that hunt and eat other animals for energy.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- Green plants are called _____ because they make their own food.
- Animals that eat other animals are called _____.
- All food chains begin with energy from the _____.
- Mushrooms and bacteria are examples of _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain the difference between a food chain and a food web.

2. What would happen to a food web if all the producers disappeared?

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: A producer is an animal that eats plants to get energy from the sun.

Rewrite: **A producer is an organism, such as a plant, that makes its own food using energy from the sun.**

2. Fix the sentence: A food web shows a single straight path of energy from the sun to one animal.

Rewrite: **A food web shows many overlapping food chains and the multiple paths energy can take through an ecosystem.**

3. Fix the sentence: Decomposers are predators that hunt and eat other animals for energy.

Rewrite: **Decomposers are organisms like fungi and bacteria that break down dead plants and animals, returning nutrients to the soil.**

Part B: Fill in the Blank

Write the missing word or number on each line.

- Green plants are called producers because they make their own food.
- Animals that eat other animals are called predators.
- All food chains begin with energy from the sun.
- Mushrooms and bacteria are examples of decomposers.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain the difference between a food chain and a food web.

A food chain shows one path of energy from a producer to consumers. A food web shows many food chains connected together because most animals eat more than one type of food.

2. What would happen to a food web if all the producers disappeared?

The consumers that eat producers would run out of food and their populations would shrink. Then the predators that eat those consumers would also lose their food source. The whole web would collapse.
