



Ecosystems

Name: _____

Date: _____

Grade: Grade 5

Part A: Fix the Sentence

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

1. Fix the sentence: A rabbit is a producer because it eats plants to get its energy.

Rewrite: _____

2. Fix the sentence: Decomposers like mushrooms hunt and eat living animals for nutrients.

Rewrite: _____

3. Fix the sentence: The Sun is a biotic factor because it provides energy for all living things.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- Plants are called _____ because they make their own food using sunlight.
- Animals that eat other organisms for energy are called _____.
- Fungi and bacteria are _____ that break down dead plants and animals.
- Producers use a process called _____ to turn sunlight into food.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. What would happen to an ecosystem if all the decomposers disappeared?

2. Why are producers the most important part of an ecosystem?

Part A: Fix the Sentence

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

1. Fix the sentence: A rabbit is a producer because it eats plants to get its energy.

Rewrite: A rabbit is a consumer because it eats plants to get its energy.

2. Fix the sentence: Decomposers like mushrooms hunt and eat living animals for nutrients.

Rewrite: Decomposers like mushrooms break down dead matter and return nutrients to the soil.

3. Fix the sentence: The Sun is a biotic factor because it provides energy for all living things.

Rewrite: The Sun is an abiotic factor because it is not alive even though it provides energy.

Part B: Fill in the Blank

Write the missing word or number on each line.

- Plants are called producers because they make their own food using sunlight.
- Animals that eat other organisms for energy are called consumers.
- Fungi and bacteria are decomposers that break down dead plants and animals.
- Producers use a process called photosynthesis to turn sunlight into food.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. What would happen to an ecosystem if all the decomposers disappeared?

Dead plants and animals would pile up and nutrients would not return to the soil. Without those nutrients, producers like plants would struggle to grow, which would affect the entire food chain.

2. Why are producers the most important part of an ecosystem?

Producers are the most important because they convert sunlight into food through photosynthesis. All other organisms in the ecosystem depend on producers either directly or indirectly for their energy.
