



# Ecosystems

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 5

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## Part A: Fix the Sentence

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

1. Fix the sentence: The tundra biome receives the most rainfall of any biome on Earth.

Rewrite: \_\_\_\_\_

2. Fix the sentence: Cacti grow thick leaves to store as much sunlight as possible in the desert.

Rewrite: \_\_\_\_\_

3. Fix the sentence: A grassland biome is mostly covered by tall trees and gets very little sunlight.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. A \_\_\_\_\_ is a large region with a specific climate, plants, and animals.
2. The two main factors that determine a biome are temperature and \_\_\_\_\_.
3. Animals in cold biomes often have thick \_\_\_\_\_ or blubber to stay warm.
4. A \_\_\_\_\_ forest biome has trees that lose their leaves every autumn.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why do tropical rainforests have more biodiversity than deserts?

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2. How does the amount of precipitation affect the types of plants that grow in a biome?

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### Part A: Fix the Sentence

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

1. Fix the sentence: The tundra biome receives the most rainfall of any biome on Earth.

Rewrite: The tropical rainforest biome receives the most rainfall of any biome on Earth.

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2. Fix the sentence: Cacti grow thick leaves to store as much sunlight as possible in the desert.

Rewrite: Cacti grow thick stems to store as much water as possible in the desert.

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3. Fix the sentence: A grassland biome is mostly covered by tall trees and gets very little sunlight.

Rewrite: A grassland biome is mostly covered by grasses and gets plenty of sunlight.

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### Part B: Fill in the Blank

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Write the missing word or number on each line.

1. A biome is a large region with a specific climate, plants, and animals.
2. The two main factors that determine a biome are temperature and precipitation.
3. Animals in cold biomes often have thick fur or blubber to stay warm.
4. A deciduous forest biome has trees that lose their leaves every autumn.

### Part C: Short Answer

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Answer each question in one or two complete sentences.

1. Why do tropical rainforests have more biodiversity than deserts?

*Tropical rainforests have more biodiversity because they receive abundant rainfall and warmth year-round. These conditions support many different plants, which in turn provide food and shelter for a huge variety of animals.*

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2. How does the amount of precipitation affect the types of plants that grow in a biome?

*Areas with high precipitation can support large trees and dense vegetation, while areas with very little precipitation only support drought-resistant plants like cacti and short grasses. The amount of water available determines which plants can survive.*

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