

Name _____

Date _____

Synthesize Cause and Effect Across Texts and Contexts

Cause and Effect is a way to understand how one thing leads to another. A **cause** is why something happens, and an **effect** is what happens as a result. For example, if it rains (cause), the ground gets wet (effect).

Read the texts on climate change and deforestation, then answer questions to find their connection.

Text A:

Deforestation happens when forests are cleared for farming or urban growth. This reduces the earth's ability to absorb carbon dioxide, causing global warming. It also destroys habitats, forcing animals to migrate or face extinction.

Text B:

Climate change brings harsher weather like stronger storms and longer droughts. These conditions weaken forests, leading to more fires, tree deaths, and flooding. As forests disappear, carbon levels rise, worsening climate change.

1. What causes deforestation in Text A?

2. How does climate change lead to deforestation in Text B?

3. How are deforestation and climate change interconnected?

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Synthesize Cause and Effect Across Texts and Contexts – Answer Key

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Read the texts on climate change and deforestation, then answer questions to find their connection.

Text A:

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Text B:

Climate change brings harsher weather like stronger storms and longer droughts. These conditions weaken forests, leading to more fires, tree deaths, and flooding. As forests disappear, carbon levels rise, worsening climate change.

1. What causes deforestation in Text A?

Text A Causes: Farming and urban growth.

2. How does climate change lead to deforestation in Text B?

Text B Causes: Extreme weather weakens forests, causing fires and tree loss.

3. How are deforestation and climate change interconnected?

Synthesis: Deforestation raises carbon levels, causing climate change. Climate change worsens deforestation with harsher weather, creating a harmful cycle.