

Name _____

Unveiling the Greenhouse Effect: A Key Player in Climate Change

Short Answer Key

1. Carbon dioxide (CO₂) and methane (CH₄).
2. Human activities contribute to the intensification of the greenhouse effect through the burning of fossil fuels, deforestation, industrial processes, and agricultural practices, which release greenhouse gases into the atmosphere.
3. The greenhouse effect traps heat in the atmosphere, leading to an increase in global temperatures.
4. One way to mitigate the effects of climate change related to the greenhouse effect is by transitioning to renewable energy sources such as solar and wind power.
5. Understanding the greenhouse effect is important for addressing climate change because it helps us comprehend how human activities impact Earth's climate system and informs strategies for reducing greenhouse gas emissions.

