

Name _____



Factors of The Greenhouse Effect

Read each cause carefully. Then, write down what the likely **effect** would be on Earth's climate, environment, or living things.

1. **Cause:** Large amounts of fossil fuels are burned worldwide, releasing extra carbon dioxide into the atmosphere.

Effect: _____

2. **Cause:** Countries reduce greenhouse gas emissions by using more solar and wind power instead of coal and oil.

Effect: _____

3. **Cause:** More methane is released from melting permafrost in the Arctic.

Effect: _____

4. **Cause:** Trees are planted in large numbers, increasing forests around the world.

Effect: _____

5. **Cause:** Greenhouse gases decrease, and less heat is trapped in Earth's atmosphere.

Effect: _____

6. **Cause:** Oceans absorb more carbon dioxide from the air.

Effect: _____

7. **Cause:** Ice sheets and glaciers continue to melt at faster rates.

Effect: _____

8. **Cause:** The greenhouse effect strengthens due to human activity.

Effect: _____