

Name: _____ Date: _____ Pd: _____

Pre-Assessment for Climate Change Online Labs

1. Which of the following gases is NOT a greenhouse gas?
 - a. methane
 - b. carbon dioxide
 - c. water vapor
 - d. helium

2. How do greenhouse gases affect Earth's climate?
 - a. Greenhouse gases hold heat in our atmosphere.
 - b. Greenhouse gases destroy ozone.
 - c. Greenhouse gases destroy marble statues.
 - d. Greenhouse gases cause volcanoes to erupt.

3. Which of the following is NOT an impact of adding carbon dioxide to the atmosphere?
 - a. rising atmospheric temperatures
 - b. sea level rise
 - c. more coal available
 - d. ocean acidification

True/False

4. _____ If global temperatures continue to rise, glaciers will melt at a more rapid pace and their meltwater will cause sea levels to rise.

5. _____ According to scientific data, CO₂ levels have reached a level the Earth has not experienced over the past 100,000 years.

Short Answer

6. Name one greenhouse gas and describe how it affects Earth's climate.

Name: _____ Date: _____ Pd: _____

Post-Assessment for Climate Change Online Labs

1. Which of the following gases is NOT a greenhouse gas?
 - a. methane
 - b. carbon dioxide
 - c. water vapor
 - d. helium
2. How do greenhouse gases affect Earth's climate?
 - a. Greenhouse gases hold heat in our atmosphere.
 - b. Greenhouse gases destroy ozone.
 - c. Greenhouse gases destroy marble statues.
 - d. Greenhouse gases cause volcanoes to erupt.
3. Which of the following is NOT an impact of adding carbon dioxide to the atmosphere?
 - a. rising atmospheric temperatures
 - b. sea level rise
 - c. more coal available
 - d. ocean acidification

True/False

4. _____ If global temperatures continue to rise, glaciers will melt at a more rapid pace and their meltwater will cause sea levels to rise.
5. _____ According to scientific data, CO₂ levels have reached a level the Earth has not experienced over the past 100,000 years.

Short Answer

6. Name one greenhouse gas and describe how it affects Earth's climate.
