

Gamification Quiz

Carbon Emissions, Part 2

School Site: _____

Student Name: _____

Date: _____

1. Carbon Dioxide is a compound gas made up of one carbon atom and how many oxygen atoms? Enter the answer in the box below.

2. Nitrous Oxide is a compound gas made up of what quantity of the following elements? Circle the best answer.

- A. One nitrogen atom and two oxygen atoms
- B. Two nitrogen atoms and two oxygen atoms
- C. Two nitrogen atoms and one oxygen atom
- D. One nitrogen atom and one oxygen atom

3. Methane is a compound gas made up of one carbon atom and how many hydrogen atoms? Enter the answer in the box below.

4. Carbon Monoxide is a compound gas made up of one atom from which two elements? Enter the answer in the box below. **Note:** *Separate your answer responses with commas. For example, a responsive answer should look like this (Helium, Carbon). Don't forget the comma!*

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5. Which of the following cause air pollution from carbon emissions? Circle all answer options that apply.
- A. Eating
 - B. Smog
 - C. Fire
 - D. Breathing
6. Carbon Dioxide, Nitrous Oxide, and Methane can be found naturally in low concentrations in the atmosphere. Circle the best answer.
- A. True
 - B. False
7. Which of the following are examples of man-made carbon emissions effecting the planet? Circle all answer options that apply.
- A. Agriculture
 - B. Transportation
 - C. Energy Consumption
 - D. Manufacturing
8. Which of the following is not a compound gas? Circle the best answer.
- A. Carbon Dioxide
 - B. Nitrous Oxide
 - C. Tropospheric Ozone
 - D. Methane