

Name \_\_\_\_\_

## What Happens When Animals Breathe Out Carbon Dioxide

### Open-Ended Response Questions

1. Explain the journey of carbon dioxide from cells to the atmosphere, including the key processes and organs involved.
2. Discuss the importance of the pH balance in our bodies and how excess carbon dioxide can disrupt this balance.
3. Explore the environmental impact of human carbon dioxide emissions through breathing. How does our exhalation of CO<sub>2</sub> contribute to the carbon cycle?
4. Imagine you are a doctor explaining the significance of breathing and the removal of carbon dioxide to a patient. What would you tell them, and why is it crucial for their health?

