

Analysis

1. What is the only process that removes carbon from the atmosphere? _____

2. Through which process is carbon released into the atmosphere from animals? _____

3. Through which process is carbon released into the atmosphere from the waste products in the soil? _____
4. What happens to carbon that is not decomposed? _____

5. How is the carbon, found in fossil fuels, released into the atmosphere? _____

6. What are two main storage places for carbon dioxide? _____

7. During the industrial revolution, fossil fuels in the form of carbon, oil, and gas are removed from the ground and burned to power machines, generate electricity, or to heat homes. How do you think this has affected the balance between carbon in the atmosphere and carbon stored in the ground as fossil fuels? _____

8. Deforestation involves the removal of forests, containing large amounts of long living trees, and converting the land into farm land or developed land. How do think deforestation affects the balance between carbon in the atmosphere and carbon in the biological components of the carbon cycle? _____

