

Carbon Cycle Video Questions

Name: _____

Date: _____

1. How does carbon get cycled back into the earth?
 - A. through decomposers
 - B. through the greenhouse effect
 - C. through the burning of fossil fuels
 - D. through photosynthesis
2. How does carbon dioxide cycle back and forth between plants and animals?
 - A. Plants give off carbon dioxide, and animals take in carbon dioxide
 - B. Animals breathe out carbon dioxide, and plants take in carbon dioxide
 - C. Plants and animals both breathe in carbon dioxide
 - D. Plants and animals both breathe out carbon dioxide
3. What happens to carbon that has been in the soil for millions of years?
 - A. It ceases to be carbon
 - B. It makes the Earth warmer
 - C. It turns into fossil fuels like oil and coal
 - D. It gets cycled back into plants through their roots
4. What happens when gases, like carbon dioxide, get trapped in the atmosphere?
 - A. The temperature of the planet rises
 - B. Plants produce more oxygen
 - C. The amount of greenhouse gas decreases
 - D. The number of decomposers increases
5. Which of the following adds to the greenhouse effect and global warming?
 - A. the conservation of national forests
 - B. decreasing the amount of air pollution that is created by cars and buses
 - C. the lessening of carbon emissions into the air
 - D. the burning of too much fossil fuel