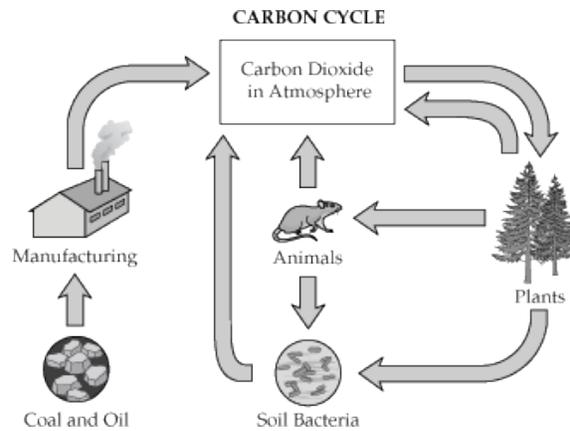


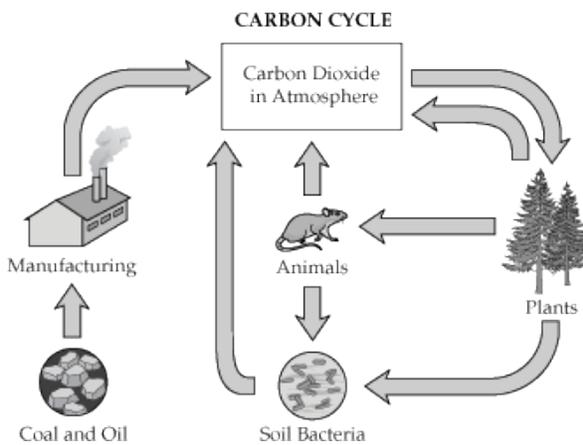
HSA Selective Response Practice

1. The diagram below shows part of the carbon cycle. Use the diagram to answer the following.



Which of these would lead to an increase in carbon dioxide in the atmosphere?

- A. a decrease in respiration
 - B. a decrease in the ozone layer
 - C. an increase in photosynthesis
 - D. an increase in the burning of fossil fuels
2. The diagram below shows part of the carbon cycle.



During photosynthesis, trees convert carbon dioxide and other materials to

- A. lipids
- B. amino acids
- C. nucleic acids
- D. sugars