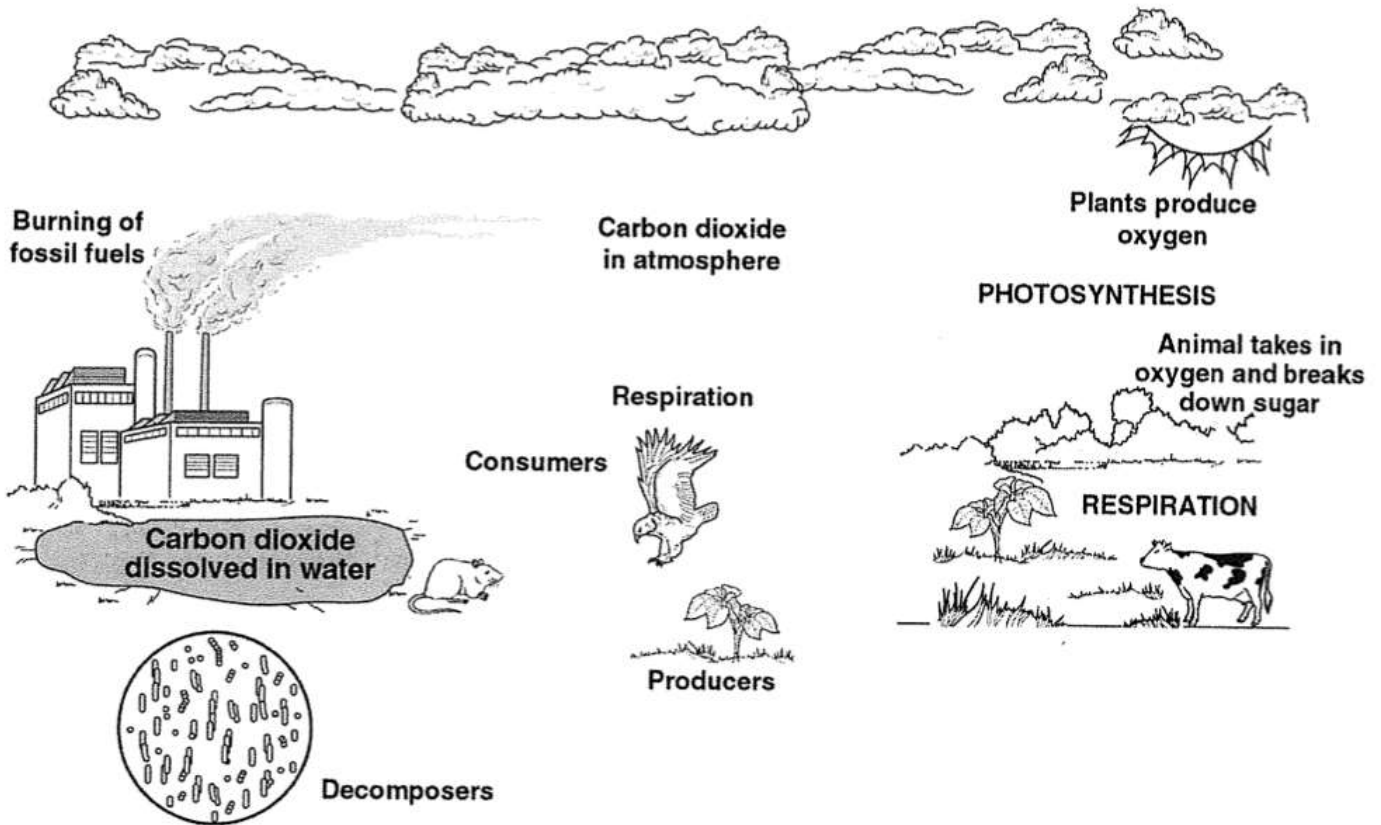


# Carbon Cycle Review

**Directions:** Answer the following questions.

1. What is the carbon cycle?
2. Draw green arrows to show the direction of energy throughout the carbon cycle. Label the different forms of carbon ( $\text{CO}_2$ , Sugar, Macromolecules, Methane, Rock, Soil, Oil, Gas) in the different reservoirs.



3. What molecule do trees get their carbon from?
4. How do producers use carbon dioxide?
5. How is carbon dioxide released into the air by consumers?

6. List 3 things that are increasing the amount of carbon dioxide in the atmosphere that are caused by humans.
  
  
  
  
  
  
  
  
  
  
7. What process removes carbon dioxide from the atmosphere (naturally)?
  
  
  
  
  
  
  
  
  
  
8. What process adds carbon to the atmosphere (naturally)?
  
  
  
  
  
  
  
  
  
  
9. How does carbon get back into the atmosphere from the food we eat?
  
  
  
  
  
  
  
  
  
  
10. In the space below, draw a version of the carbon cycle if humans did not exist. Use arrows to show which way the carbon is going. Label: Producers, Primary Consumers, Secondary Consumers, Decomposition, Cellular Respiration, Photosynthesis.