

Name: _____

Date:

Period:

Directions: Use pages 459 and 460 from the textbook to help you answer the questions below.

Photosynthesis:

How is the carbon cycle related to photosynthesis?

Respiration:

How is the carbon cycle related to respiration?

Decomposition:

What is decomposition?

How is the carbon cycle related to decomposition?

What is the **figure 2 caption (on page 459)** referring to when it says "Carbon may remain in the environment for millions of years before becoming available to living things"? How do you know?

Continue on the back.....

Combustion:

How is the carbon cycle related to combustion?

In the area below, create a simple drawing of the carbon cycle diagram on page 459 (figure 2).

Speculate...Is a lot of carbon dioxide in the air good or bad for the environment? Why? (provide evidence from the reading and use the diagram on page 459 as a resource)