

### **The Carbon Cycle and the Greenhouse Effect**

**Carbon Sinks-** Anything that \_\_\_\_\_ carbon from the atmosphere.

**Carbon Sources-** Anything that \_\_\_\_\_ carbon to the atmosphere.

#### **Questions**

Use the carbon cycle note and diagram to help you answer the following questions.

1. a) Rank the 5 processes of the carbon cycle based on how much humans have affected them, from the least affected to the greatest affected. (1 being least, 5 being greatest)- There is no right answer!

b) Which of these processes can be considered a carbon source process

2. Rank the 4 carbon sinks of the carbon cycle based on how much humans have affected them, from the least affected to the greatest affected. (1 being least, 5 being greatest)- There is no right answer!

3. How would cutting down a forest affect the carbon cycle?

4. How would driving your car everyday affect the carbon cycle?