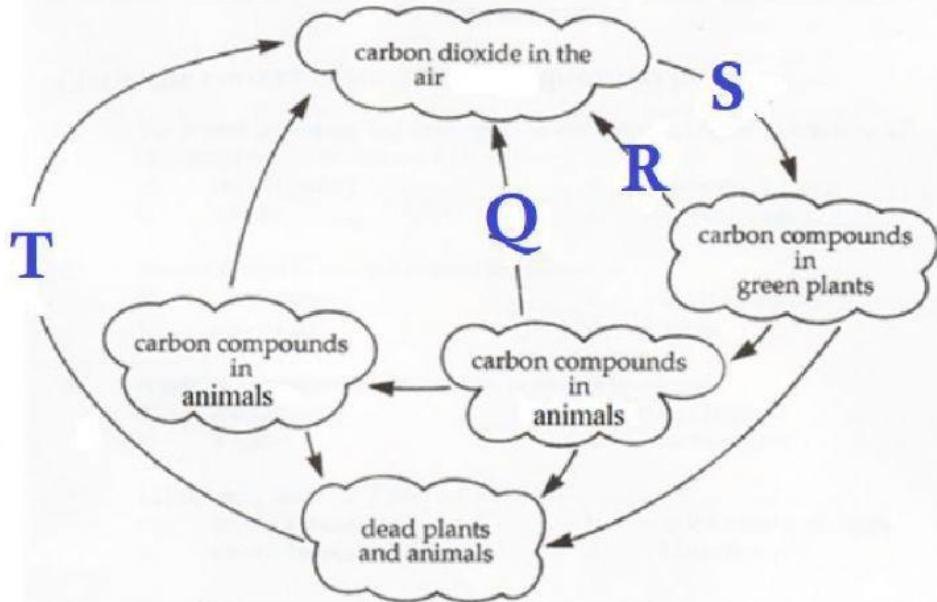


# Worksheet: The Carbon Cycle

Use the diagram of the carbon cycle below to answer the questions that follow. Type your answers in the spaces provided.



- What is the percentage of carbon dioxide in the atmosphere? \_\_\_\_\_
- Complete the table below by filling in the name of the processes occurring at Q, R, S and T. Then type the word **ADDS** or **REMOTES** to indicate whether or not the process adds or removes carbon dioxide from the atmosphere.

Letter	Name of Process	Does it add or remove from the atmosphere?
<b>Q</b>		
<b>R</b>		
<b>S</b>		
<b>T</b>		

- Name the carbon containing product produced by process S on the diagram.  
\_\_\_\_\_
- Name the process that involves burning and is missing from the diagram.  
\_\_\_\_\_

e. Fossil fuels are often burned because they are a rich source of energy.

Name the THREE fossil fuels.

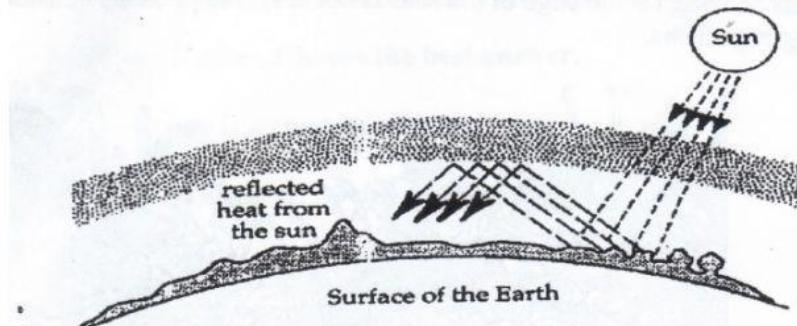
1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

f. Process T takes place by organisms called decomposers.

Name TWO organisms that would be considered decomposers.

1. \_\_\_\_\_ 2. \_\_\_\_\_

The diagram below illustrates a naturally occurring process on the Earth.



a. Name this naturally occurring process that takes place on the Earth.

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b. Other than carbon dioxide, name TWO gases that contribute to this process.

1. \_\_\_\_\_ 2. \_\_\_\_\_

c. The build up of these gases in the atmosphere increase this natural process leading to the gradual increase of the Earth's temperatures.

Name the phrase used to describe the gradual increase of Earth's temperatures.

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