

# Photosynthesis Cellular Respiration

## Assessment

**Concepts  
Assessed**

Photosynthesis and cellular respiration are reverse processes.

**Time**

15 minutes

**Materials**

Individual

Photosynthesis Cellular Respiration Answer Sheet

**Advance  
Preparation**

1. Duplicate answer each for each student.

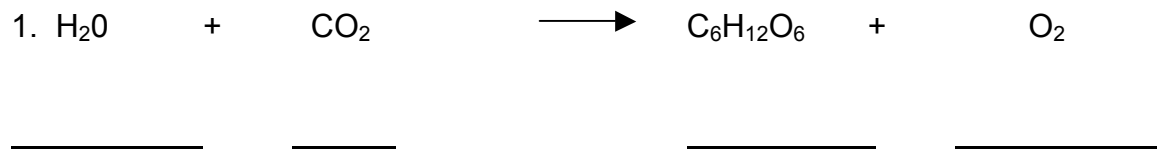
**Procedure:**

1. Tell students they will have an opportunity to share what they understand about photosynthesis and cellular respiration.
2. Distribute the prompt to each student and ask him/her to do his/her best work.

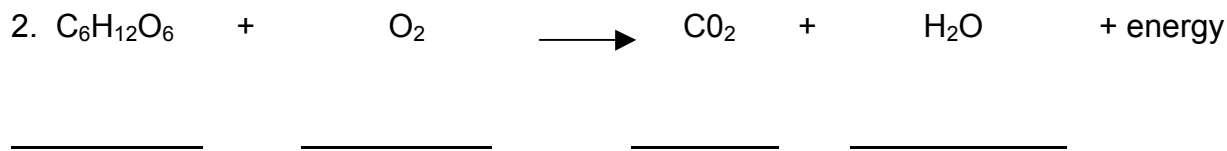
Name \_\_\_\_\_



Directions: Label each molecule and identify the process.



This process is called \_\_\_\_\_.



This process is called \_\_\_\_\_.

These processes are related because \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

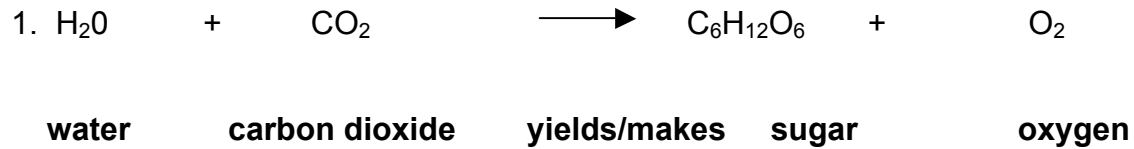
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

KEY

Directions: Label each molecule and identify the process.



This process is called Photosynthesis.



This process is called Cellular Respiration.

These processes are related because plants use carbon dioxide from the air (from animals) and water from the soil in the presence of chlorophyll and sunlight to make sugar (food) and oxygen. Animals (and plants) use the sugar and oxygen for cellular respiration where the sugar and oxygen are broken down into carbon dioxide which is released to the atmosphere and energy which is used by the animal or plant.