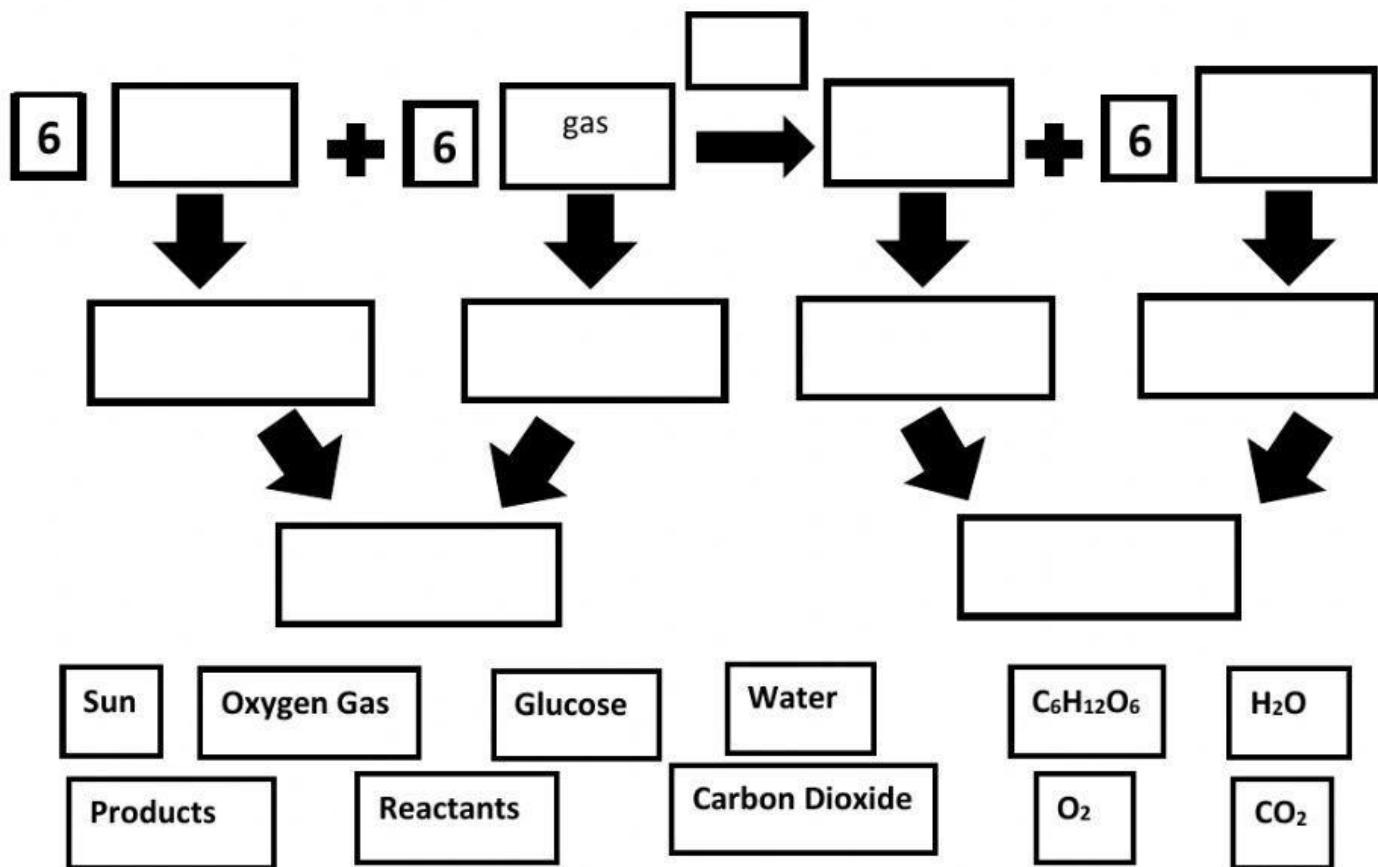


# Photosynthesis Worksheet

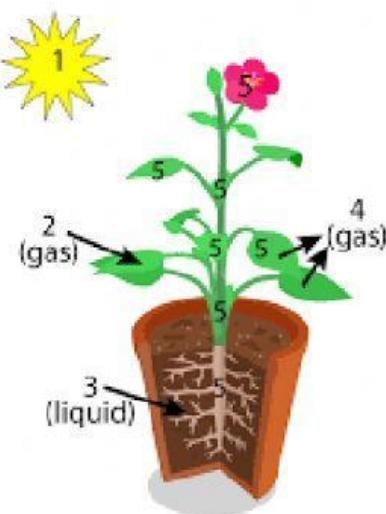
Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. Drag and drop the correct parts into the equation.



2. Select the correct labels.



A.Busser 2/11/19

# Photosynthesis Worksheet

## 3. Fill in the blanks below.

Photosynthesis is a process that plants use to breathe and to make food. They use the \_\_\_\_\_ from the sun, along with \_\_\_\_\_ from the soil and a gas called \_\_\_\_\_ to make \_\_\_\_\_, which feeds producers. During this process, \_\_\_\_\_ is released into the air. This process happens in the \_\_\_\_\_ of the cell.

## 4. Answer the following questions.

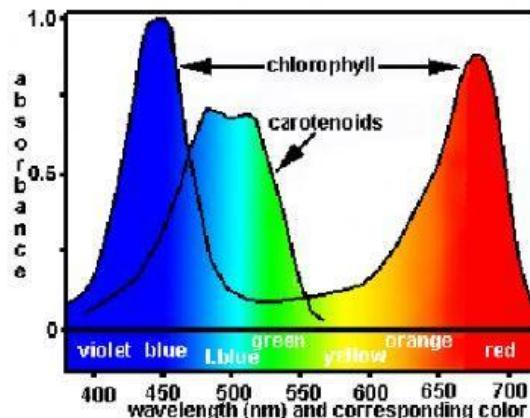
a. What is the waste product that is made in photosynthesis that is useful to humans? \_\_\_\_\_

b. What is the major pigment in plants chloroplasts?

c. Photosynthesis is how trees make food. \_\_\_\_\_

## 5. Use the table to fill in the blanks below.

Pigments can absorb and reflect different colors of light. Chlorophyll absorbs \_\_\_\_\_ light. Chlorophyll reflects \_\_\_\_\_ light. Carotenoids absorb \_\_\_\_\_ light. They reflects \_\_\_\_\_ light.



# Photosynthesis Worksheet

6. Match the boxes on the right with the two stages of photosynthesis on the left.

Light  
Dependent  
Reaction

Chlorophyll  
captures light

Light  
Independent  
Reaction

Glucose is  
produced

---

Light  
Dependent  
Reaction

Energy and  
CO<sub>2</sub> is  
combined

Light  
Independent  
Reaction

H<sub>2</sub>O is broken  
down into  
oxygen