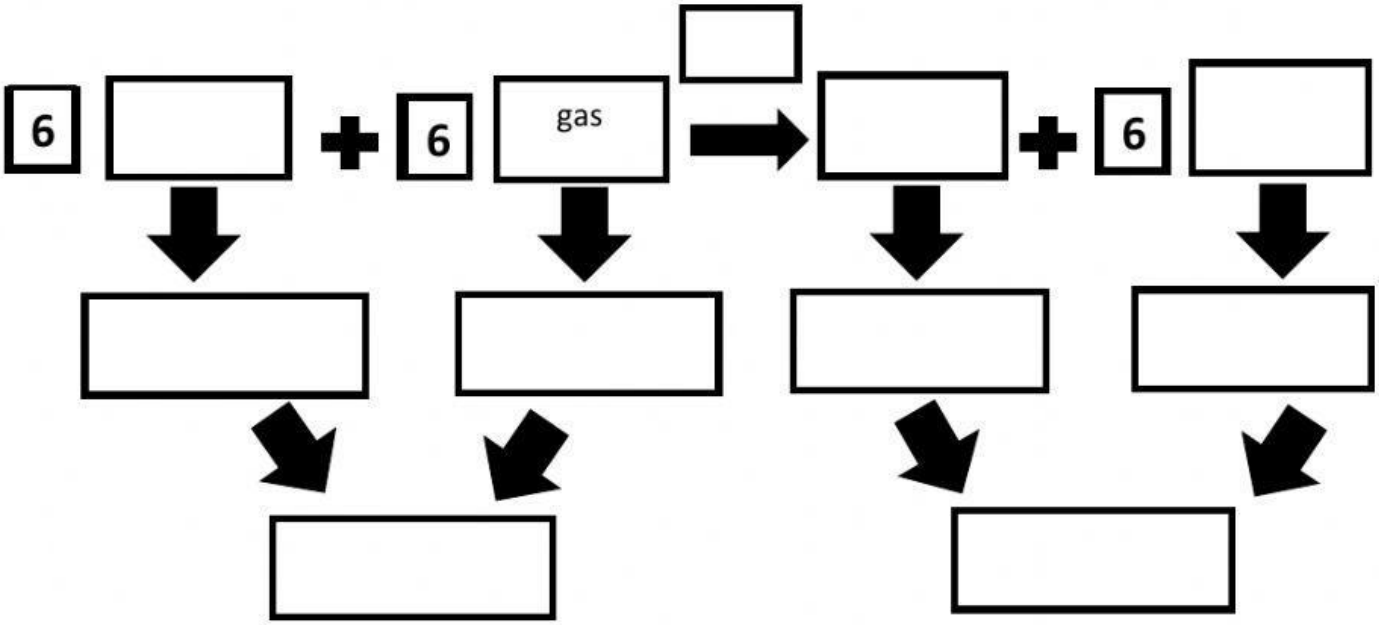
Photosynthesis Worksheet

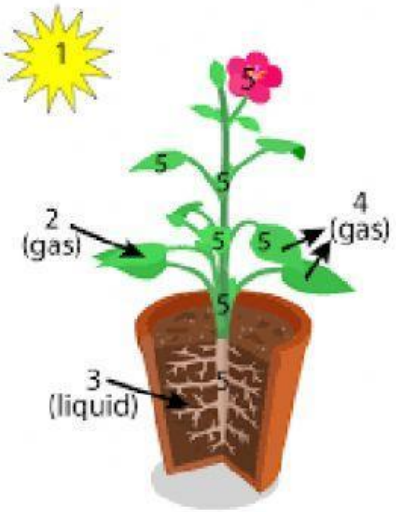
Name: _____ Date: _____

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



Sun	Oxygen Gas	Glucose	Water	$C_6H_{12}O_6$	H_2O
Products	Reactants	Carbon Dioxide	O_2	CO_2	

2. Select the correct labels.



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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.

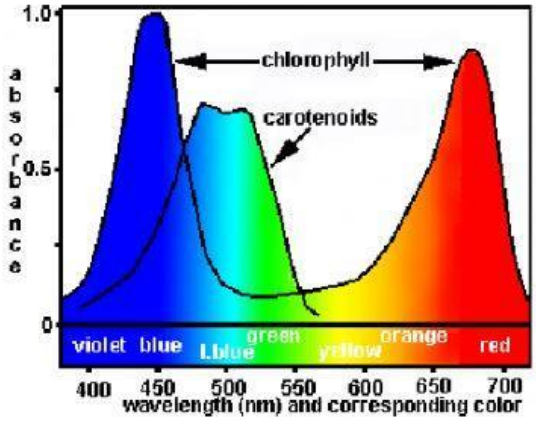
a. What is the waste product that is made in photosynthesis that is useful to humans? _____

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.



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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_2 is combined
Light Independent Reaction	H_2O is broken down into oxygen

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