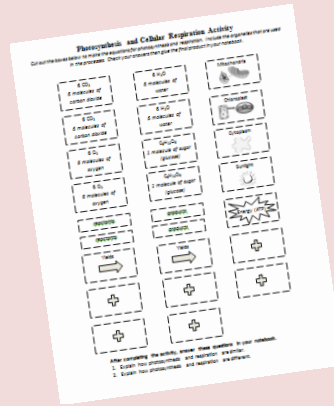
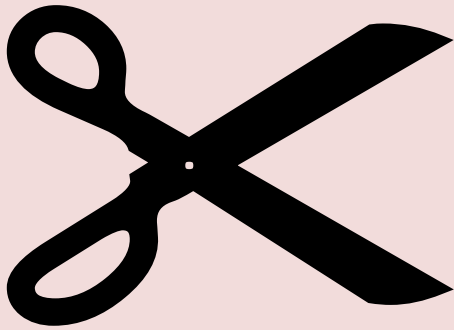


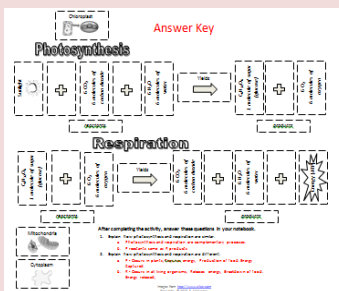
Photosynthesis And Cellular Respiration



Activity

By: Sandy's Science Stuff

Answers included

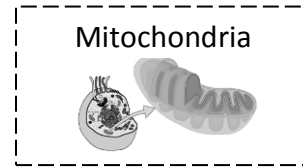


Photosynthesis and Cellular Respiration Activity

Cut out the boxes below to make the equations for photosynthesis and respiration. Include the organelles that are used in the processes. Check your answers then glue the final product in your notebook.

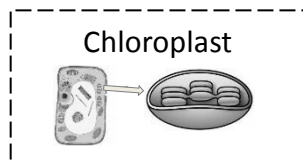
6 CO₂
6 molecules of
carbon dioxide

6 H₂O
6 molecules of
water



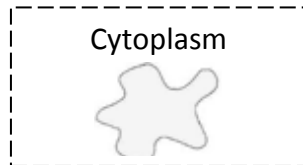
6 CO₂
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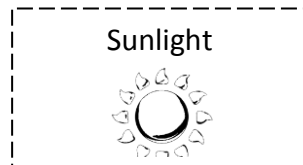
6 O₂
6 molecules of
oxygen

C₆H₁₂O₆
1 molecule of sugar
(glucose)



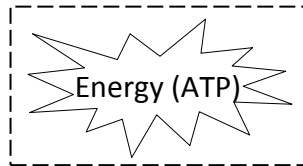
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1 molecule of sugar
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reactants

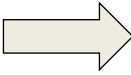
products



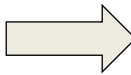
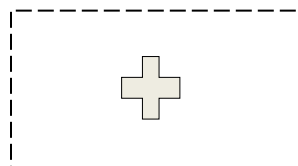
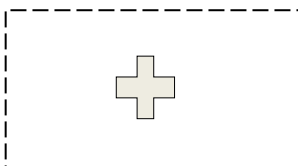
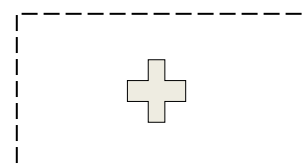
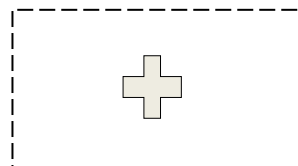
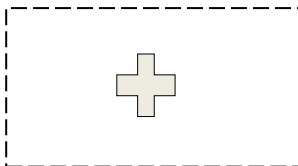
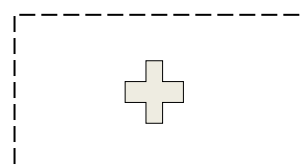
reactants

products

Yields

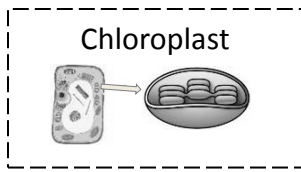


Yields

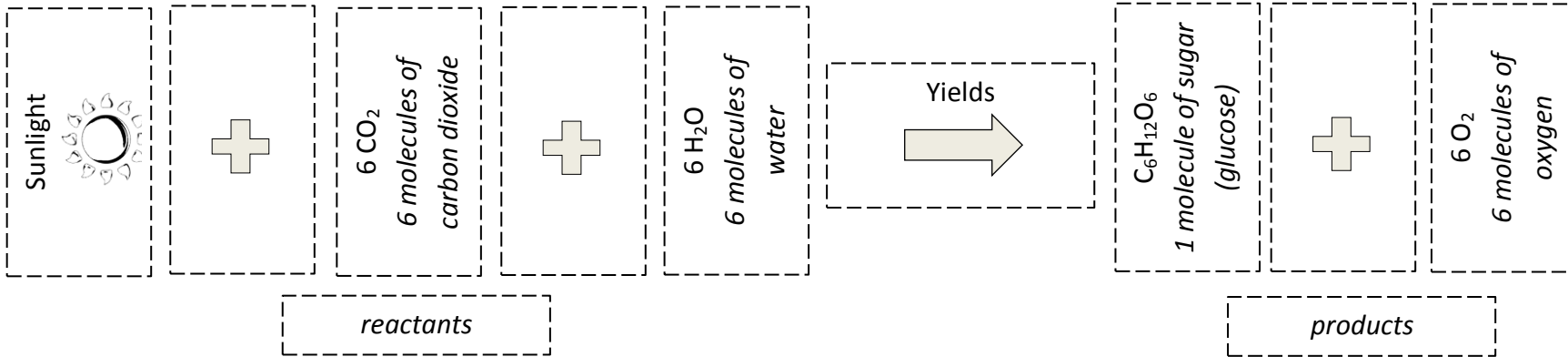
After completing the activity, answer these questions in your notebook.

1. Explain how photosynthesis and respiration are similar.
2. Explain how photosynthesis and respiration are different.

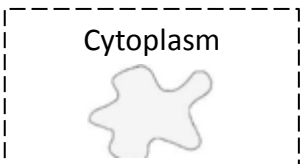
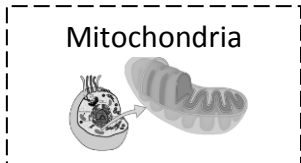
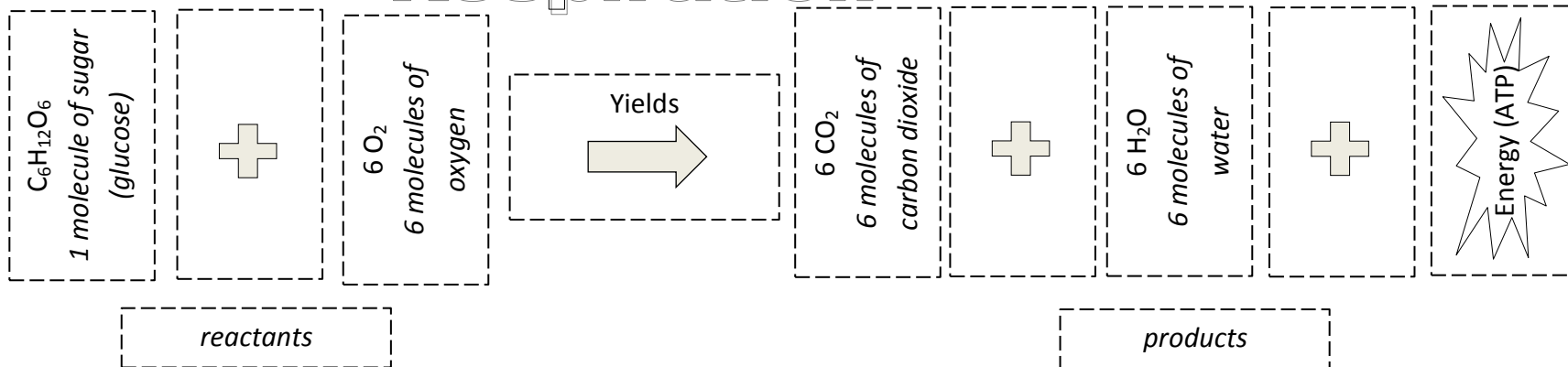


Answer Key

Photosynthesis



Respiration
















After completing the activity, answer these questions in your notebook.

- Explain how photosynthesis and respiration are similar.
 - Photosynthesis and respiration are complementary processes.
 - P reactants same as R products
- Explain how photosynthesis and respiration are different.
 - P - Occurs in plants, Requires energy, Production of food. Energy Captured
 - R - Occurs in all living organisms, Releases energy, Breakdown of food. Energy released,

Photosynthesis and Cellular Respiration Activity

Cut out the boxes below to make the equations for photosynthesis and respiration. Include the organelles that are used in the processes. Check your answers then glue the final product in your notebook.














6 CO ₂ 6 molecules of carbon dioxide	6 H ₂ O 6 molecules of water	Mitochondria 
6 CO ₂ 6 molecules of carbon dioxide	6 H ₂ O 6 molecules of water	Chloroplast 
6 O ₂ 6 molecules of oxygen	C ₆ H ₁₂ O ₆ 1 molecule of sugar (glucose)	Cytoplasm 
6 O ₂ 6 molecules of oxygen	C ₆ H ₁₂ O ₆ 1 molecule of sugar (glucose)	Sunlight 
reactants	products	Energy (ATP) 
reactants	products	
Yields 	Yields 	
		
		

After completing the activity, answer these questions in your notebook.

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Photosynthesis and Cellular Respiration Activity

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reactants	products	Energy (ATP) 
reactants	products	
Yields 	Yields 	
		
		

After completing the activity, answer these questions in your notebook.

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