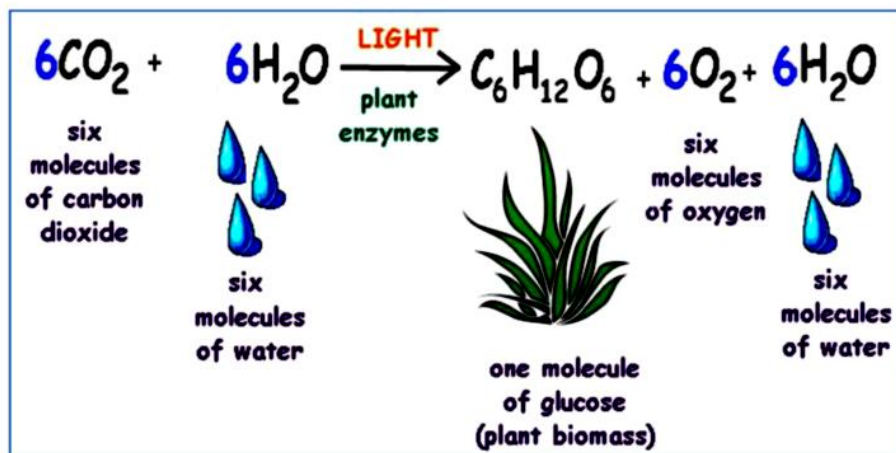


Name _____

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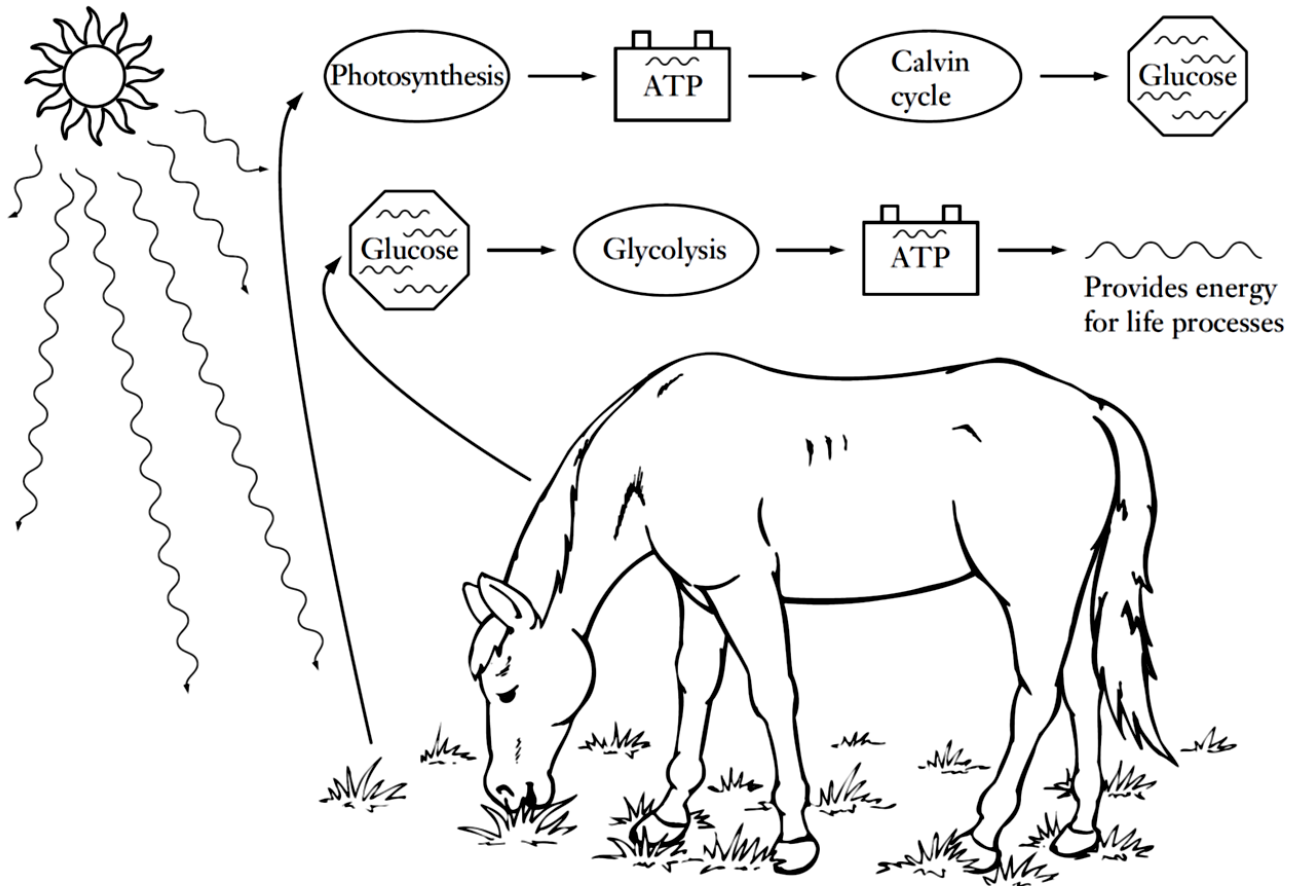
WARM-UP: PHOTOSYNTHESIS



1. Referring to the diagram above, what are the 2 reactants in Photosynthesis?
2. Referring to the diagram above, what are the 2 products in Photosynthesis?
3. What is the main energy source of the reaction in the diagram above?
4. Where do the light-dependent reactions occur?
5. Where do the light-independent reactions occur?
6. What are the roles of chloroplast and chlorophyll in photosynthesis?
7. Describe the importance of producers in photosynthesis.
8. Overall, do you think photosynthesis is exothermic or endothermic? Explain your answer.

Get the Big Picture

Study the picture and answer the questions.



1. How do plants store energy from the sun? Write the steps below.

(a) _____

(b) _____

2. How do animals use the sun's energy that is stored in plants? Write the steps below.

(a) _____

(b) _____

3. Which molecules store energy in both plants and animals? _____