

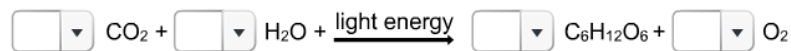
Name: _____

Photosynthesis & Cellular Respiration: Reactants & Products

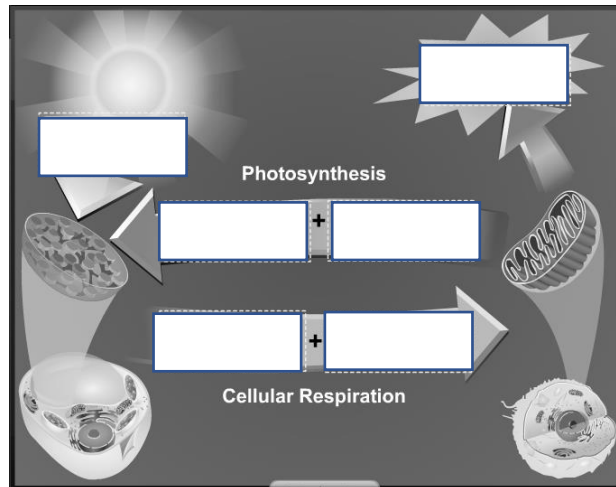
Go to www.biologybynapiet.com, the Energy in Cells Unit, and click on the Photosynthesis vs Cellular Respiration button. Or type in the following URL: <https://tinyurl.com/iopbqpb>

Complete stage 1 and answer the following questions.

1. In addition to sunlight, what are two other reactants a plant needs for photosynthesis?
2. How does CO₂ get into the leaf of a plant?
3. What food molecule is formed from carbon dioxide and water?
4. After C₆H₁₂O₆ is made, what is left over and released from the plant as a waste product?
5. Fill in the missing coefficients:



6. What is broken down during cellular respiration to produce energy?
7. Fill in the blocks below:



8. How are cellular respiration and photosynthesis related? Be specific!