

Goal • Review the movement of carbon within the nutrient cycle.

What to Do

Answer each question in the space provided. If you need help, refer to pages 46 to 50 of your textbook.

1. Fill in each box to write the equation for photosynthesis.



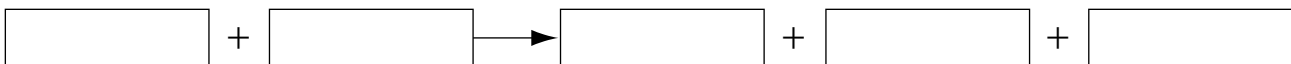
2. In what kind of organism does photosynthesis occur?

3. (a) In photosynthesis, what are the reactants?

- (b) What are the products?

4. What is the origin of the energy needed to drive photosynthesis?

5. Fill in each box to write the equation for respiration.



6. Where does respiration occur?

7. Complete the diagram at the right to show the relationship between photosynthesis and respiration as a cycle. You may draw sketches to illustrate stages of this cycle. Give your diagram a title.

