

CONCEPT REVIEW

● **Photosynthesis and Respiration**

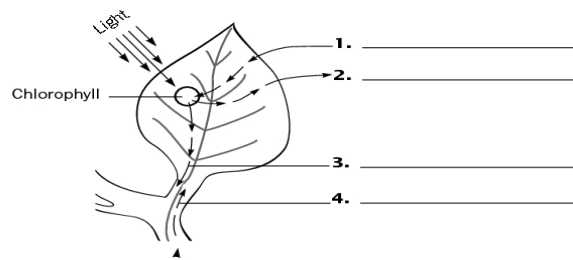
After it is labeled, the diagram below will illustrate photosynthesis. Write each of the following terms on the correct numbered line. Then answer the questions that follow.

Carbon Dioxide

Glucose

Oxygen

Water



5. a. In photosynthesis, what substances come in from the outside?
- b. What substances are produced?
6. Write the overall equation for photosynthesis in the space provided.

Answer the following questions relating to cellular respiration.

7. The purpose of cellular respiration is to _____ the energy from carbohydrates and other organic molecules stored during photosynthesis.
8. Write the formula that shows the release of energy by a molecule of ATP.