

Chapter Vocabulary Review

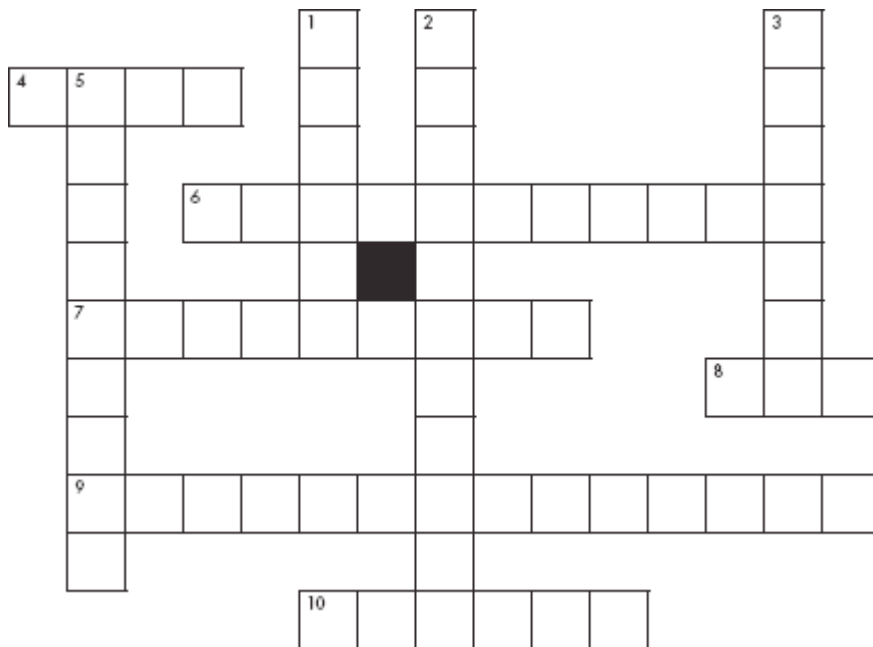
Crossword Puzzle Complete the puzzle by entering the term that matches the description.

Across

4. energy carrier cells use to transport high-energy electrons
6. cluster of pigments and proteins that absorbs light
7. a saclike photosynthetic membrane found in chloroplasts
8. energy carrier made as a result of photosystem II
9. process of using the sun's energy to make food
10. man who worked out the light-independent reactions

Down

1. liquid part of the inside of a chloroplast
2. chemical that absorbs light for photosynthesis
3. light-absorbing chemical
5. organism that makes its own food



For Questions 11–16, complete each statement by writing the correct word or words.

11. The light-_____ reactions occur in thylakoid membranes.
12. Carbon dioxide is used to make sugars in the light-_____ reactions.
13. The light-independent reactions are also called the _____.
14. _____ spins to provide the energy for adding a phosphate group to ADP.
15. Electron _____ move high-energy electrons between photosystems.
16. An animal that obtains food by eating other organisms is called a(n)_____.