

Directed Reading A *continued*

GETTING ENERGY FROM FOOD

- 11. Cells use _____ to break down food.
- 12. Many cells are able to get energy without using oxygen through a process called _____.

Complete Sentences

- 13. Why is breathing important to many organisms?

- 14. Describe what takes place during cellular respiration in complex organisms.

- 15. What does your body do with the energy released during cellular respiration?

- 16. Adenosine triphosphate, also called ATP, supplies _____ that fuels cell activities.

- 17. Cellular respiration in the cells of eukaryotes takes place in _____ inside the cell.

- 18. During photosynthesis, plant cells use carbon dioxide to make glucose and release oxygen. How is this different from cellular respiration?

Bonus

- * Why do you get a burning sensation in your muscles during strenuous exercise?

Complete Sentences of Course!!

Directed Reading

Chapter 2 Section 2

Section: Cell Energy

1. Why do cells need energy?

2. Where do plant cells get their energy?

3. Where do many animal cells get the energy they need?

FROM SUN TO CELL

4. Where does almost all of the energy that fuels life come from?

- a. the Earth
- b. gasoline
- c. plants
- d. the sun

5. Plants are able to change the sun's energy into food through the process of _____.

6. The molecules in plant cells that absorb light energy are called _____.

7. Plants get their green color from _____.

8. What is glucose?

9. Explain why glucose is important to a plant cell.

10. Photosynthesis produces _____ and _____.

Complete sentences

