

Name: _____

Class: _____

HOW CELLS GET ENERGY

Answer each of the questions to follow, in full sentences. Use the provided reading as a reference to compose your answers.

1. What is energy?

2. What organelle makes energy in a cell?

3. How is turning on a computer like eating a sandwich?

4. How does a plant get food?

5. What is photosynthesis?

6. What is the name given to the process that releases food energy?

7. Write the word equation for the chemical reaction of cellular respiration.

8. Why would you expect to have many mitochondria in a muscle cell?

9. Besides “powerhouse,” can you think of other words that describe mitochondria?

10. Name some of the processes for which cells require energy.

11. What is lactic acid?

12. Two special cells are listed below. How does each of these cells use energy?

a. Muscle Cells:

b. Nerve Cells:

