



**Chapter 4 Vocabulary Worksheet**



Vocabulary: Match the phrases on the left with the term that best fits. Use answers only one time.

- |   |                            |
|---|----------------------------|
| ___1. Organisms that make their own food            | <b>A. Chloroplasts</b>     |
| ___2. Site of photosynthesis                        | <b>B. Anaerobic</b>        |
| ___3. Mitochondria are needed for this              | <b>C. Aerobic</b>          |
| ___4. C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> | <b>D. Glucose</b>          |
| ___5. Process does not require oxygen               | <b>E. Light</b>            |
| ___6. Process requires oxygen                       | <b>F. Cell respiration</b> |
| ___7. Where plants get energy to store in food      | <b>G. Photosynthesis</b>   |
| ___8. Where heterotrophs get energy                 | <b>H. Energy</b>           |
| ___9. Chloroplasts are needed for this              | <b>I. Food</b>             |
| ___10. The ability to do work                       | <b>J. Autotrophs</b>       |

Directions: Answer each of the following questions in a clear and concise manner.

1. Compare and discuss how animal cells and plant cells store energy and release energy. Be specific!

2. Compare lactic acid fermentation and alcoholic fermentation by describing what is produced. Be sure to include what type of organism each one takes place in.

|                          | <b><u>What is produced?</u></b> | <b><u>Organism:</u></b> |
|--------------------------|---------------------------------|-------------------------|
| Alcoholic Fermentation   |                                 |                         |
| Lactic Acid Fermentation |                                 |                         |