**Anatomy & Physiology 12 Unit B Enzymes and Metabolism Vocabulary**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**DUE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_blk:\_\_\_\_\_**

**Using your textbook and other sources, explain the following terms.**

**Provide an example of the word or a sketch to help your understanding.**

**Section B1.Metabolism Requires Energy**

|  |  |  |
| --- | --- | --- |
| **WORD** | **Definition** | **Example or Image** |
| **Enzymes**  **(provide a few examples)** |  |  |
| **Substrates** |  |  |
| **Enzyme-substrate complex** |  |  |
| **Catabolism**  **(hydrolysis)** |  |  |
| **Anabolism**  **(condensation)** |  |  |
| **Metabolism** |  |  |
| **ATPase** |  |  |
| **Activation Energy** |  |  |
| **Endothermic** |  |  |
| **Exothermic** |  |  |
| **Homeostasis** |  |  |

What does it mean to be lactose intolerant? Research and explain in your own words. Draw a picture or diagram if it helps your understanding.

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_