

## Unit 6

### Class Insecta

### Study Guide

- Make sure you study all 3 anatomy labeling sections
- Know all your vocabulary words
- Insects have \_\_\_\_\_ body regions
- How many pairs of antenna do insects have? \_\_\_\_\_
- What type of circulatory system do insects possess? \_\_\_\_\_
- List all the stages of incomplete metamorphosis.  
\_\_\_\_\_
- List all the stages of complete metamorphosis.  
\_\_\_\_\_
- What are the 3 regions of an insect's digestive system?  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- Insects have six legs, which means they are sometimes called  
\_\_\_\_\_.
- Class insecta includes \_\_\_\_\_ species.
- Moths and butterflies belong to which order? \_\_\_\_\_
- Bees, ants, & wasps belong to which order? \_\_\_\_\_
- Flies, gnats, & mosquitoes belong to which order? \_\_\_\_\_
- Beetles belong to which order? \_\_\_\_\_
- Insects possess \_\_\_\_\_ symmetry.

- How many pairs of wings do insects have? \_\_\_\_\_
- Insects can have as many as \_\_\_\_\_ or as few as \_\_\_\_\_ Malpighian tubules.
- List at least 4 reasons insects are so successful: \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_
- Incomplete metamorphosis involves a series of \_\_\_\_\_.
- Insects have separate sexes, so they are called \_\_\_\_\_.
- What sensory function do tactile hairs aid in? \_\_\_\_\_
- The double nerve cord of insects is on which part of the body? \_\_\_\_\_