

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Earthworm Pre-lab Worksheet

**The following worksheet must be successfully completed before you start the actual dissection of the earthworm.**

**Part 1:** Use both the *PreLab Introduction* and *Earthworm Diagrams* sheets to answer the following questions.

### Classification

1. What phylum does the earthworm belong? \_\_\_\_\_
2. How many different species of earthworm does this phylum contain? \_\_\_\_\_
3. What is the range of the lengths of earthworms? \_\_\_\_\_

### Structures

4. What is the most obvious external structure of an earthworm? \_\_\_\_\_  
\_\_\_\_\_
5. About how many segments does an earthworm have? \_\_\_\_\_
6. What things does a worm commonly swallow? \_\_\_\_\_
7. Name the internal body structures that food passes through from mouth to anus: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. What body structure causes blood circulation in the worm? \_\_\_\_\_
9. Where is the ventral nerve cord found? \_\_\_\_\_
10. What is considered the worm's primitive brain? \_\_\_\_\_
11. If earthworms don't have breathing organs, how do they breathe (exchange gasses)? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
12. What is special about earthworm reproductive organs? \_\_\_\_\_  
\_\_\_\_\_
13. Briefly describe the reproduction of earthworms: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_