

**Investigation 3.7B: Joints**

Dr. \_\_\_\_\_

**Worksheet 1: Joints**

Per: \_\_\_\_\_ Date: \_\_\_\_\_

**Joints Worksheet**

Directions: Answer the following questions about joints. You may refer to your previous reading in this section.

1. What is a joint? \_\_\_\_\_
2. Name three types of joints according to their degree and range of motion.
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
3. Describe the action of a ball and socket joint. \_\_\_\_\_  
\_\_\_\_\_
4. Give an example of a ball and socket joint in humans. \_\_\_\_\_
5. Provide a non-human example of a ball and socket joint. \_\_\_\_\_
6. Describe the action of a hinge joint. \_\_\_\_\_  
\_\_\_\_\_
7. Provide an example of a hinge joint found on the human body.  
\_\_\_\_\_
8. Think of a non-human hinge joint and write it below.  
\_\_\_\_\_
9. What structure encompasses (encloses) a joint? \_\_\_\_\_
10. What connects the bones across a joint? \_\_\_\_\_
11. What structure powers bones and joints to move? \_\_\_\_\_
12. Name two structures that allow smooth movement of a joint and protect it from wearing out:
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_

