

## UNIT 4 - SKELETAL SYSTEM

### ACTIVITY - Skeletal Tissue Worksheet

Name \_\_\_\_\_ Period \_\_\_\_\_

1. What are six principal functions of the skeletal system?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. What other systems of the body depend on a healthy skeletal system? Why?
3. \_\_\_\_\_ is the branch of medical specialty that treats conditions of the bones and joints?
4. The skeletal system consists of two types of connective tissue. What are they?  
\_\_\_\_\_
5. What are the two types of bone? \_\_\_\_\_
6. Matching:  

A. Articular cartilage	EP. Epiphyseal Plate
E. Endosteum	O. Osteogenic periosteum
F. Fibrous periosteum	D. Diaphysis

  

_____ a. Thin layer of hyaline cartilage at end of long bone	
_____ b. Region of a long bone where lengthwise growth takes place	
_____ c. Outer layer of covering over bone - ligaments and tendons attach here	
_____ d. Inner layer of covering over bone; osteoblast here permit increase in diameter	
_____ e. Layer of bone cells lining the marrow cavity	
_____ f. Shaft or long, main, portion of the bone	
7. Describe:  
  - a. Compact Bone
  - b. Spongy Bone