

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