

Macroscopic Structure of Bone

Complete the following:

1. Where in the human skeleton are long bones found?

2. Distinguish between the epiphysis and the diaphysis of a long bone.

3. Where is cartilage found in a long bone? _____

4. Where is fibrous connective tissue found in a long bone?

5. In general, what is the function of bony processes?

6. Distinguish between the periosteum and the endosteum.

7. What differences did you note between the macroscopic structure of the compact bone and the spongy bone?

8. How are these differences related to the functions of these types of bone? _____

9. From your observations, how does the marrow in the medullary cavity compare with the marrow in the spaces of the spongy bone? _____

Figure 9.1 Label the major parts of this long bone.

