

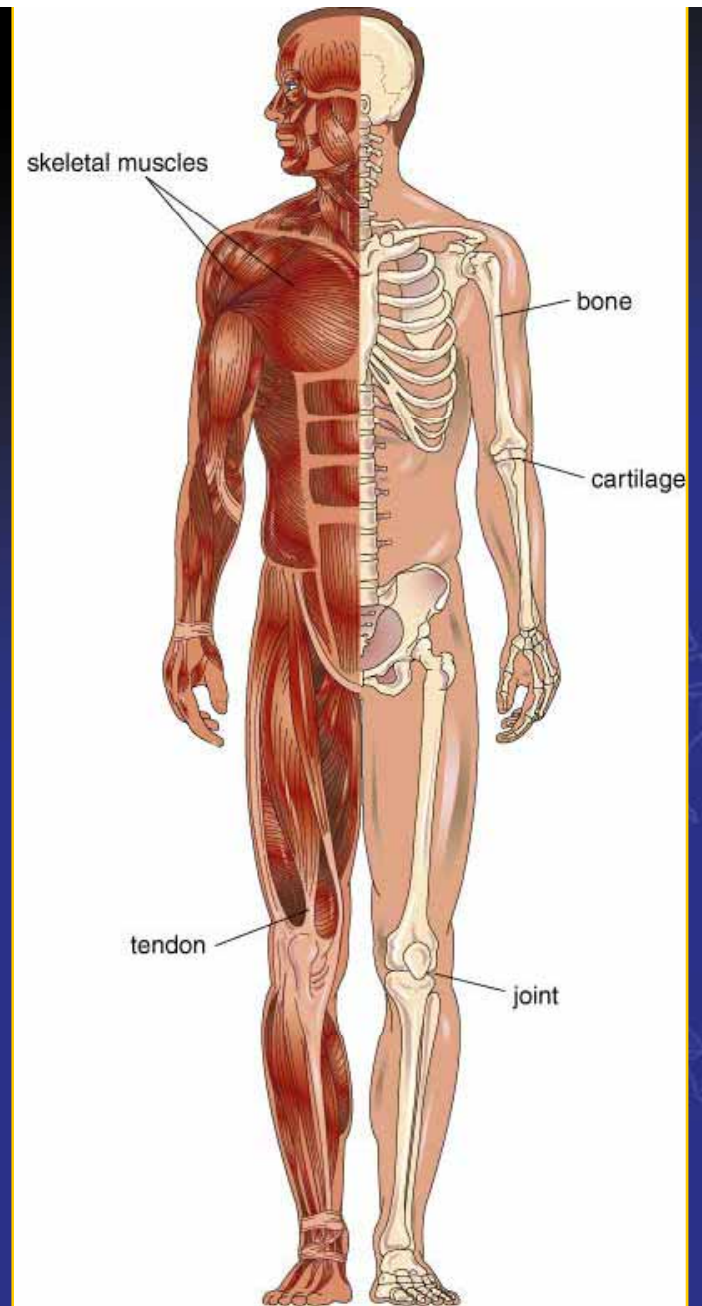
Section 9: Anatomy – Musculoskeletal System

Overview

Humans have an **endoskeleton**

The skeletal system is composed of **bones**, **cartilage**, **ligaments**, and **tendons**

The skeletal system provides movement, protection, and shape



Overview

- Endoskeleton: An internal skeleton (as opposed to an exoskeleton, or external skeleton, as in an arthropod)
- Bone: Hard connective tissue
- Cartilage: Flexible connective tissue
- Ligament: Connective tissue that joins bone to bone
- Tendon: Connective tissue that joins muscle to bone

The Skeleton

- There are 206 bones in the adult human skeleton.
- 106 bones are in the hands and feet.
- There are 27 in each hand and 26 in each foot, and the way that they are arranged is remarkably similar.

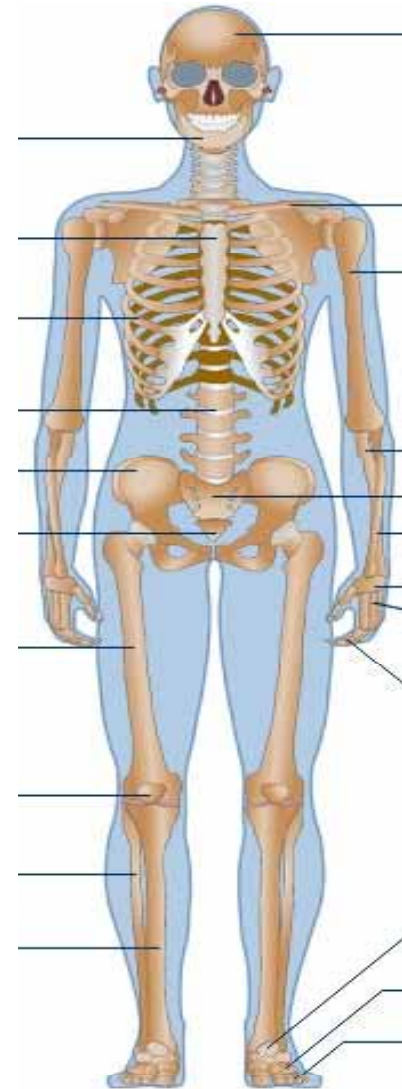


FIGURE 32-1 The human skeleton.

