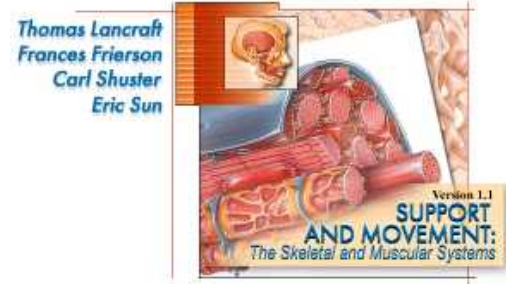


Joints

Directions:

- a. Click the "Contents" button,
- b. Open the *Skeletal System* File,
- c. Click *Anatomy Overviews*,
- d. Click *Joints*

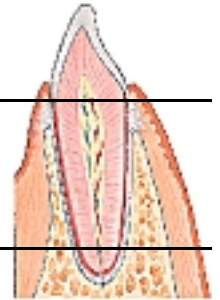
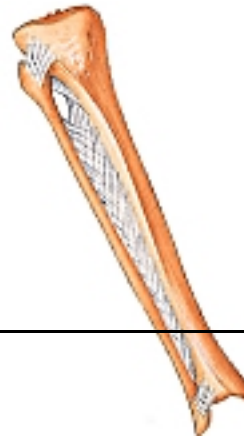
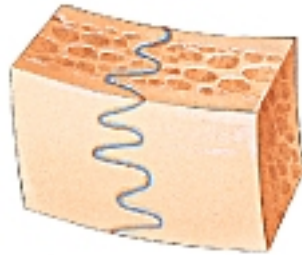


1. a. From the main *Joints* page, click *Fibrous Joints* and identify each of the following structural joint types.

Suture

Syndesmoses

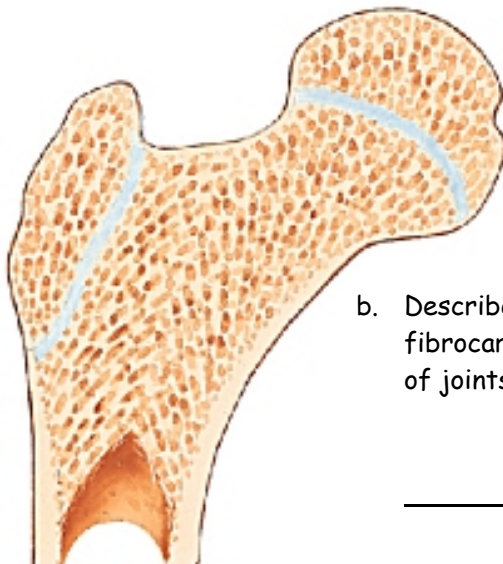
Gomphosis



- b. Which of these are classified as *synarthroses*? Define the level of movement.

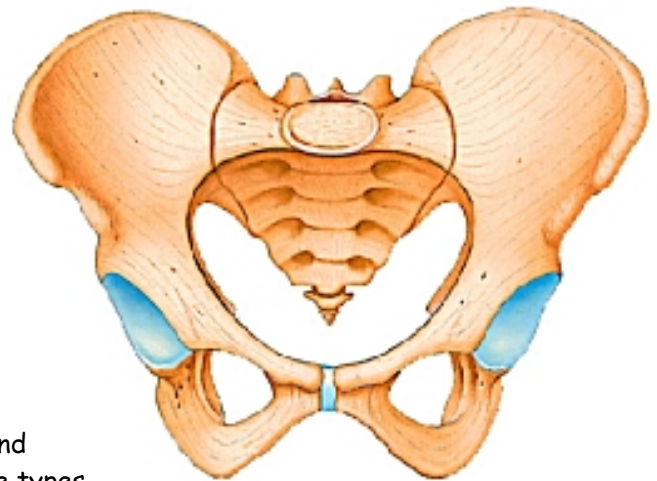
- c. Which are classified as *amphiarthroses*. Define the level of movement.

2. a. Return to the main *Joints* page and click *Cartilaginous Joints*. Identify each of the following



Synchondroses

Symphysis



- b. Describe the role of hyaline and fibrocartilage in each of these types of joints.

- b. Which of these are classified as *synarthroses* and which are *amphiarthroses*?

3. a. Once again, from the main *Joints* page, click *Synovial Joints* and identify each of the following:

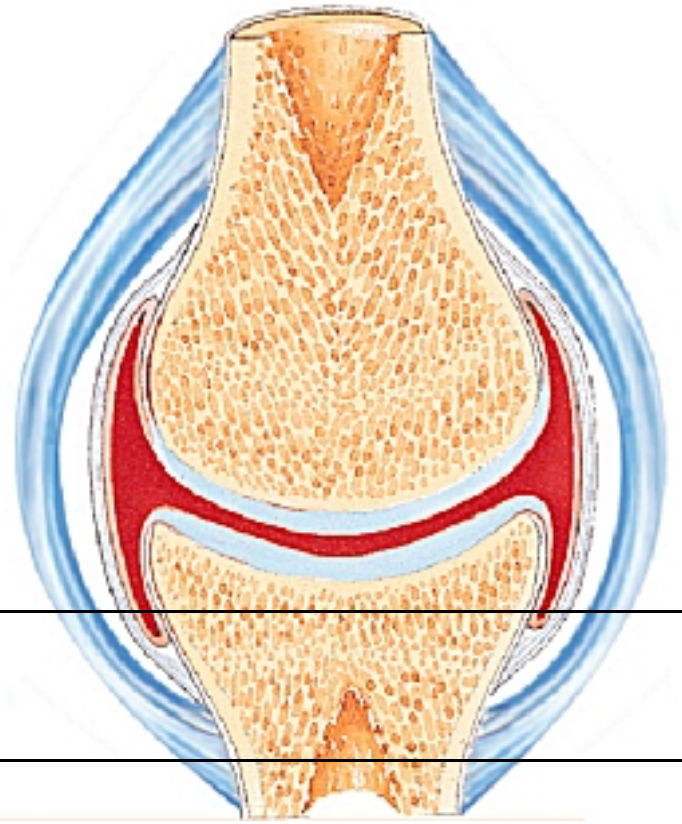
Articulating bones

Periosteum

Articular cartilage

Ligament

Synovial membrane and cavity



b. What is the function of the *ligaments*?

d. What is the function of *synovial fluid*?

e. What is the function of *hyaline* or *fibrocartilage* that covers the articulating surfaces? _____

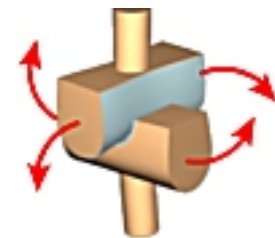
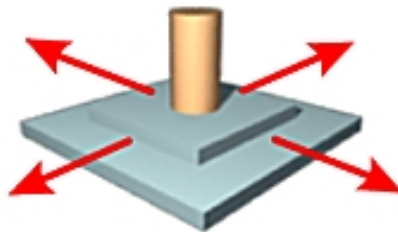
f. Define the level of movement in *diarthrosis* joints. _____

g. From the *Synovial Joint* page, click *structural subtypes of synovial joints*. Locate body examples of the following joints and describe the movement of each.

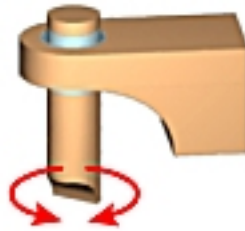
Condylloid _____

Planar _____

Saddle _____



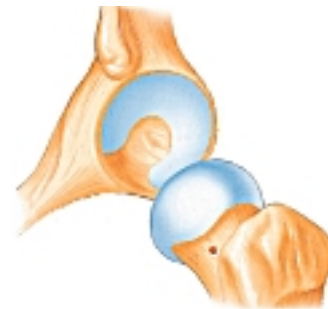
Pivot _____



Hinge _____



Ball and Socket _____



- h. From the *Synovial Joint* page, click *Specific Synovial Joints*. Locate each of the following and describe the type of movement.

Temporomandibular

Atlantooccipital

Atlantoaxial

Intervertebral

Vertebrocostal

Sternocostal



Radiocarpal

Intercarpal

Carpometacarpal

Metacarpophalangeal

Interphalangeal

Sacroiliac

