

CARTILAGE CONNECTIVE TISSUE

Learning Outcome

After completing this exercise, you should be able to:

1. Functions of cartilage
2. Identify the three types of cartilage.

Part A

Answer this question.

1. What are the functions of cartilage?

2. Identify the three types of cartilage. How do they differ with respect to their locations in the body?

ARTICULATION

Learning Outcome

After completing this exercise, you should be able to:

1. Distinguish among fibrous, cartilaginous and synovial joints.
2. Identify examples of each type of joint.
3. Locate and identify types of movement that occur at synovial joints.

PART A

Match the term in column A with the description in column B. Place letter of your choice in the space provided.

Column A

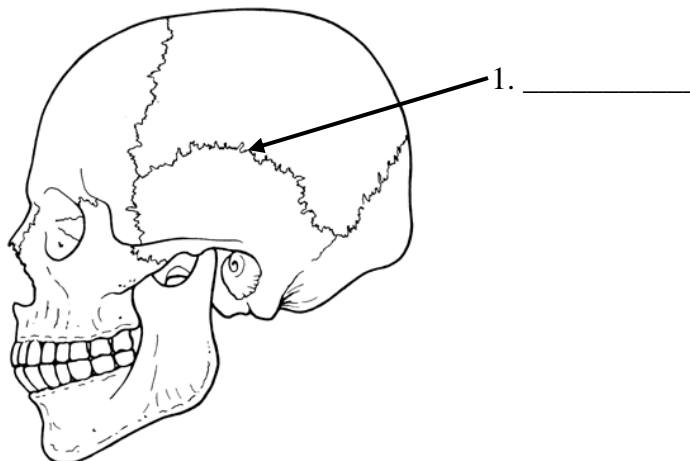
- a. Gomphosis
- b. Suture
- c. Symphysis
- d. Synchondrosis
- e. Syndesmosis

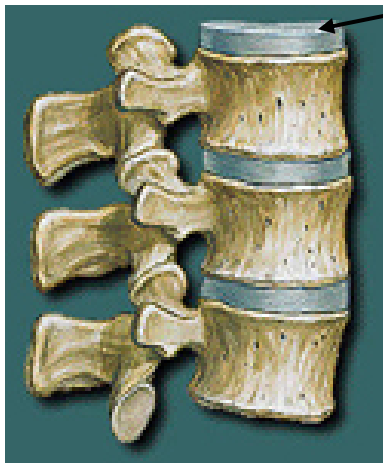
Column B

- _____ Immobile joint between flat bones of the skull united by a thin layer of connective tissue.
- _____ Articular cartilages at joint attached by pad of fibrocartilage
- _____ Temporary joint which bones are united by bands of hyaline cartilage.
- _____ Slightly movable joint in which bones are united by interosseous ligament.
- _____ Joint formed by union of cone-shaped bony process in bony socket.

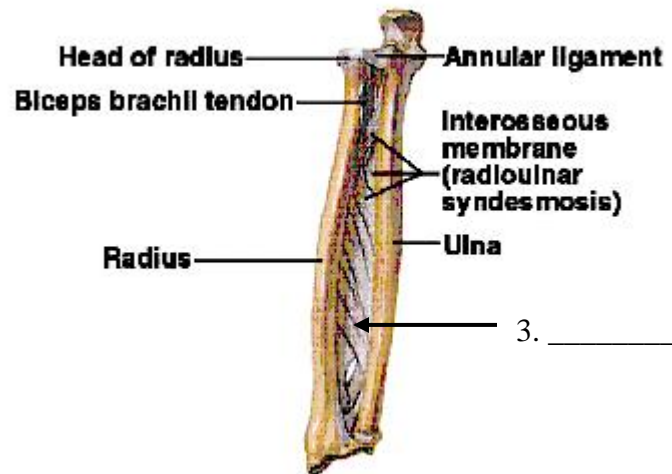
PART B

Identify the types of joints below.

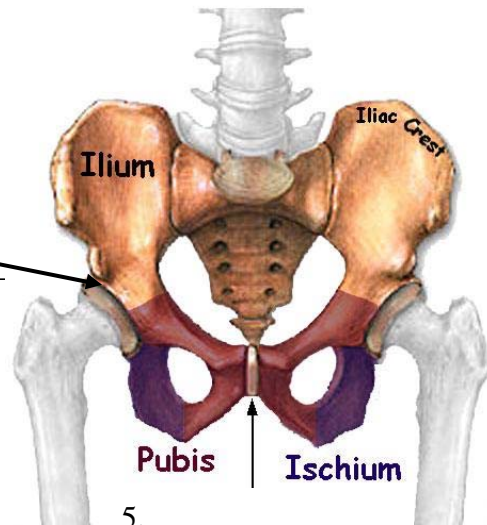




2. _____

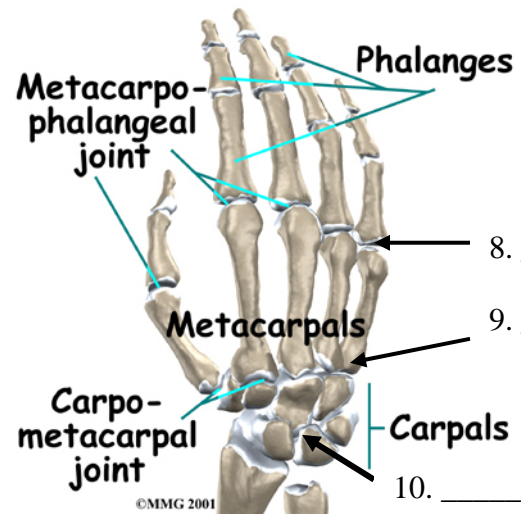


3. _____



4. _____

5. _____



8. _____

9. _____

10. _____

PART C

Complete the following table:

Name of Joint	Type of Joint	Bones Included	Type of Movement
Shoulder Joint			
Elbow Joint			
Hip Joint			
Knee Joint			

PART D

Identify types of movement that are numbered and illustrated: (a) anterior view; (b) lateral view of head, (c) lateral view.



Answer for PART D.

1.	15.
2.	16.
3.	17.
4.	18.
5.	19.
6.	20.
7.	21.
8.	22.
9.	23.
10.	24.
11.	25.
12.	26.
13.	27.
14.	28.