






CONCEPT: OVERVIEW OF THE SKELETAL SYSTEM

Functions of the Skeletal System

◆ **Skeletal System:** includes _____, cartilage, ligaments, and joints.

◆ Serves the following main functions:

1. Support	2. Protection	3. Movement	4. Production	5. Storage
				
◆ _____ of the body.	◆ _____ organs.	◆ Helps in creating movements.	◆ Helps form _____ cells.	◆ _____ and _____.

EXAMPLE

For each bone below, identify the most likely function(s) as support (S), protection (P), or movement (M).

a) _____ Mandible (Lower jawbone)

c) _____ Spinal column

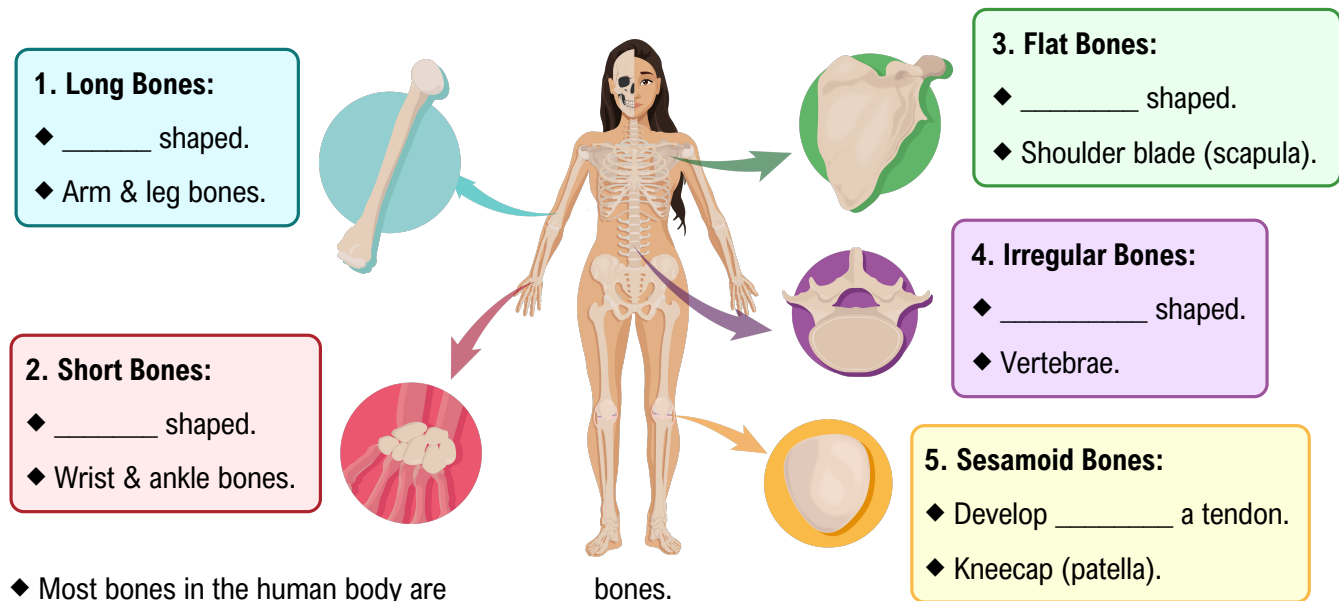
b) _____ Ribs

d) _____ Femur (Thigh bone)

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Classification of Bones

◆ Bones are primary organs of the skeletal system and classified based on their _____.



EXAMPLE

Match each of these bones with their correct classification.

1. Femur (Thigh bone).	
2. Sternum (Breastbone).	
3. Carpals (Wrist bones).	
4. Patella (Kneecap).	
5. Mandible (Lower jawbone).	

- a) Long bone
- b) Short bone
- c) Flat bone
- d) Irregular bone
- e) Sesamoid bone

PRACTICE

Identify the statement that incorrectly explains the type and function of a bone.

- a) The ribs are flat bones that protect the lungs and the heart.
- b) The vertebrae are irregular bones that provide structural support to the body.
- c) Finger bones (phalanges) are short bones that help in movement.
- d) The femur is a long bone that bears the body's weight and enables movement.