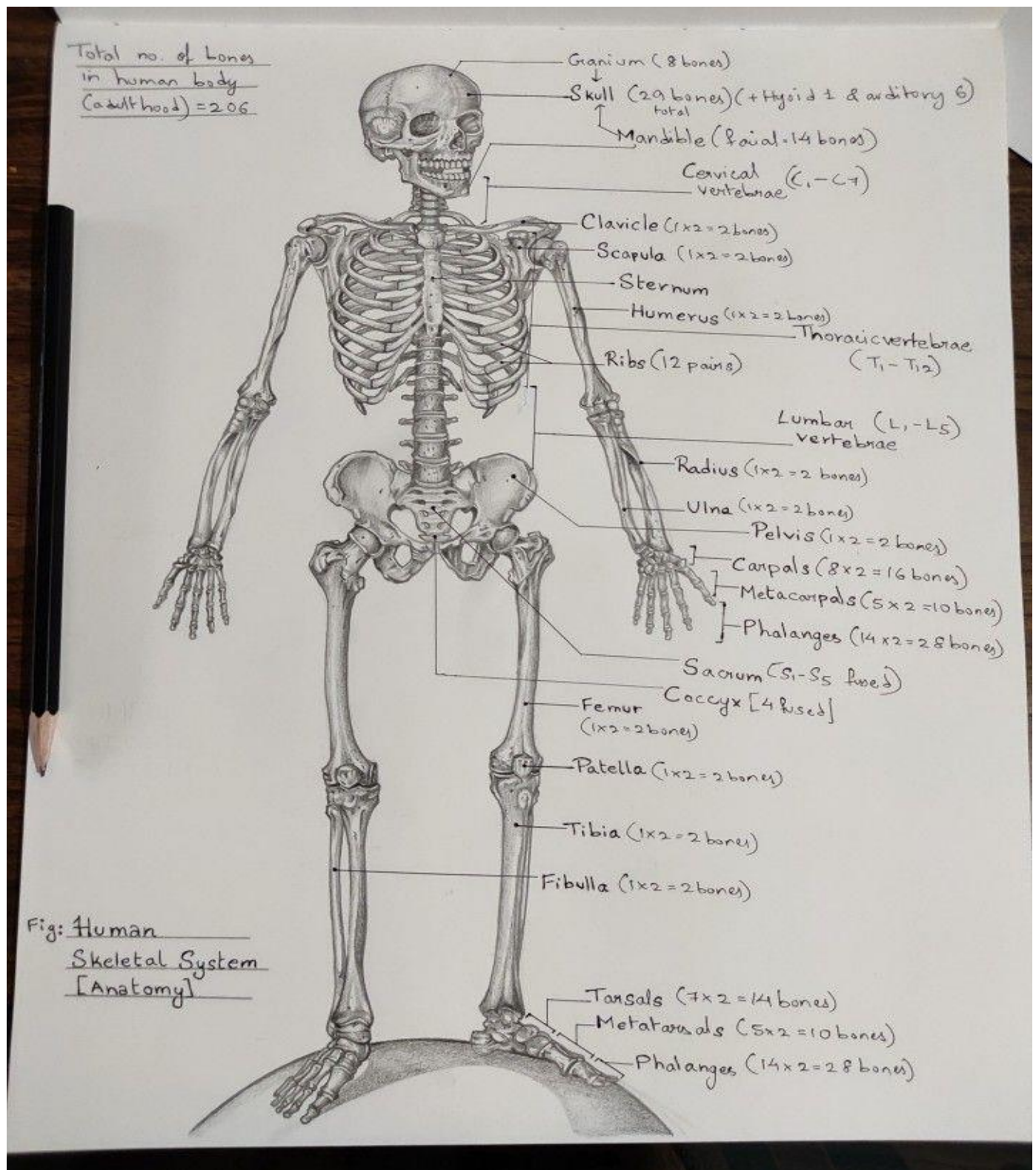


# Human Skeleton, its parts and functions



**(This is a note on Human Skeleton, no need to write in your science classwork copy)**

- **Cranium:-** There are 8 cranial bones, each with a unique shape. One of it is frontal bone; it is a flat bone that makes up your forehead.
- **Mandible:-** It is the largest bone in the human skull. It holds the lower teeth in place. It is the part of facial skeleton.
- **Cervical Vertebrae:-** (C1 to C7) , It provides mobility and stability to the head.
- **Clavicle:-** Another name is Collar bone. It is a long bone that serves as a strut between the shoulder blade and the Sternum (breast bone). There are two Clavicles (left and right), It is the only long bone in the body that lies horizontally.
- **Scapula:-** It is also known as Shoulder bone or Wing bone. It connects the Humerus with the Clavicle.
- **Sternum:-** Another name is Breast bone. It is a long flat bone located in the central part of the chest. It connects to the ribs via cartilage and forms the front of the ribcage, thus helping to protect the heart, lungs and blood vessels from injury.
- **Humerus:-** It is a long bone in the arm that runs from the shoulder to the elbow. It connects the Scapula and the two bones of the lower arm the Radius and Ulna and consists of three sections.
- **Thoracic Vertebrae:-** This is a group of 12 small bones that form the vertebral spine in the upper trunk. It is the only Vertebrae that support ribs.
- **Radius & Ulna:-** These are the bones of forearm. Radius bone supports thumb and Ulna bone supports little finger.
- **Pelvis:-** Three parts of it – Hip bones (Two) , Sacrum , Coccyx. These bones connect the axial skeleton to the lower limbs and play a role in bearing the weight of the upper body. Coccyx is tail bone, It is a small triangular bone located at the bottom of the spine.
- **Femur:-** It is the only bone located within the human thigh. It is both the longest and strongest bone in the human body, extending from the hip to the knee.

➤ **Patella:-** It is also known as knee cap, It is a flat circular, triangular bone. It protects the knee joint.

➤ **Tibia & Fibula:-** These bones are present in the lower leg linked with knee and ankle.

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