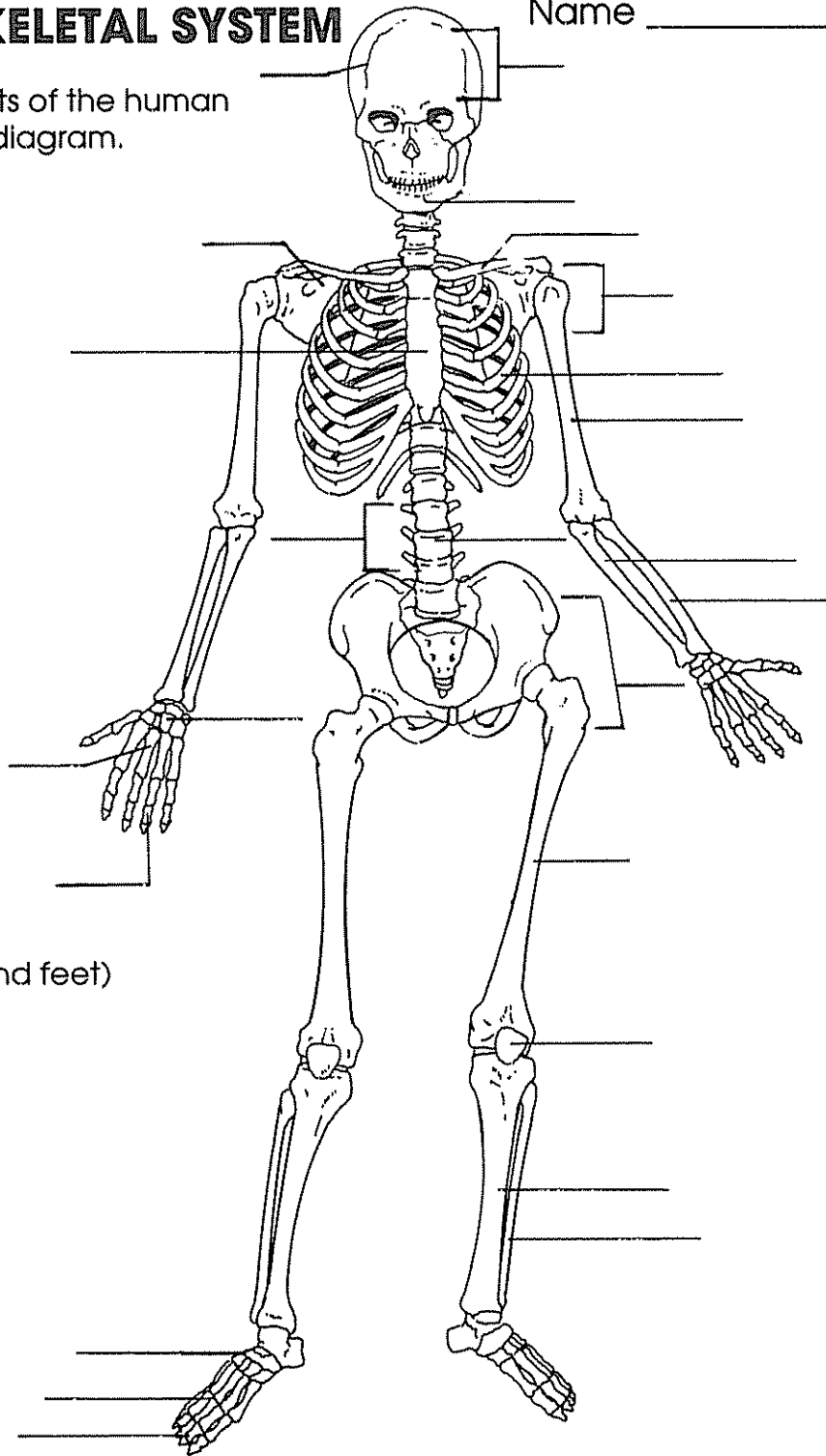


THE HUMAN SKELETAL SYSTEM

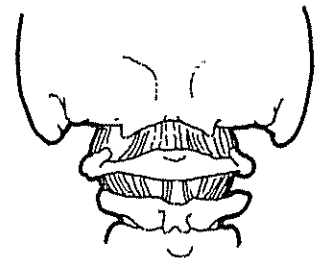
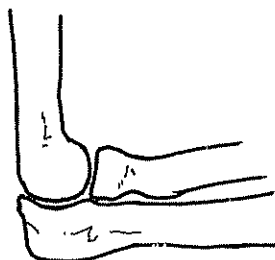
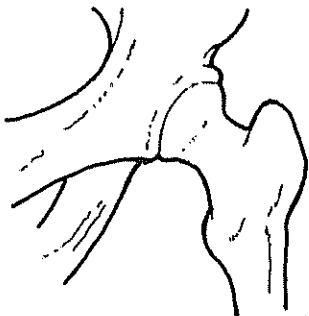
Name _____

Label the following parts of the human skeletal system on the diagram.

- a. skull
- b. cranium
- c. mandible
- d. clavicle
- e. pectoral girdle
- f. scapula
- g. sternum
- h. ribs
- i. humerus
- j. vertebrae
- k. vertebral column
- l. pelvic girdle
- m. radius
- n. ulna
- o. carpals
- p. metacarpals
- q. phalanges
(on both hands and feet)
- r. femur
- s. patella
- t. tibia
- u. fibula
- v. tarsals
- w. metatarsals



Label each of the four types of movable joints shown below.

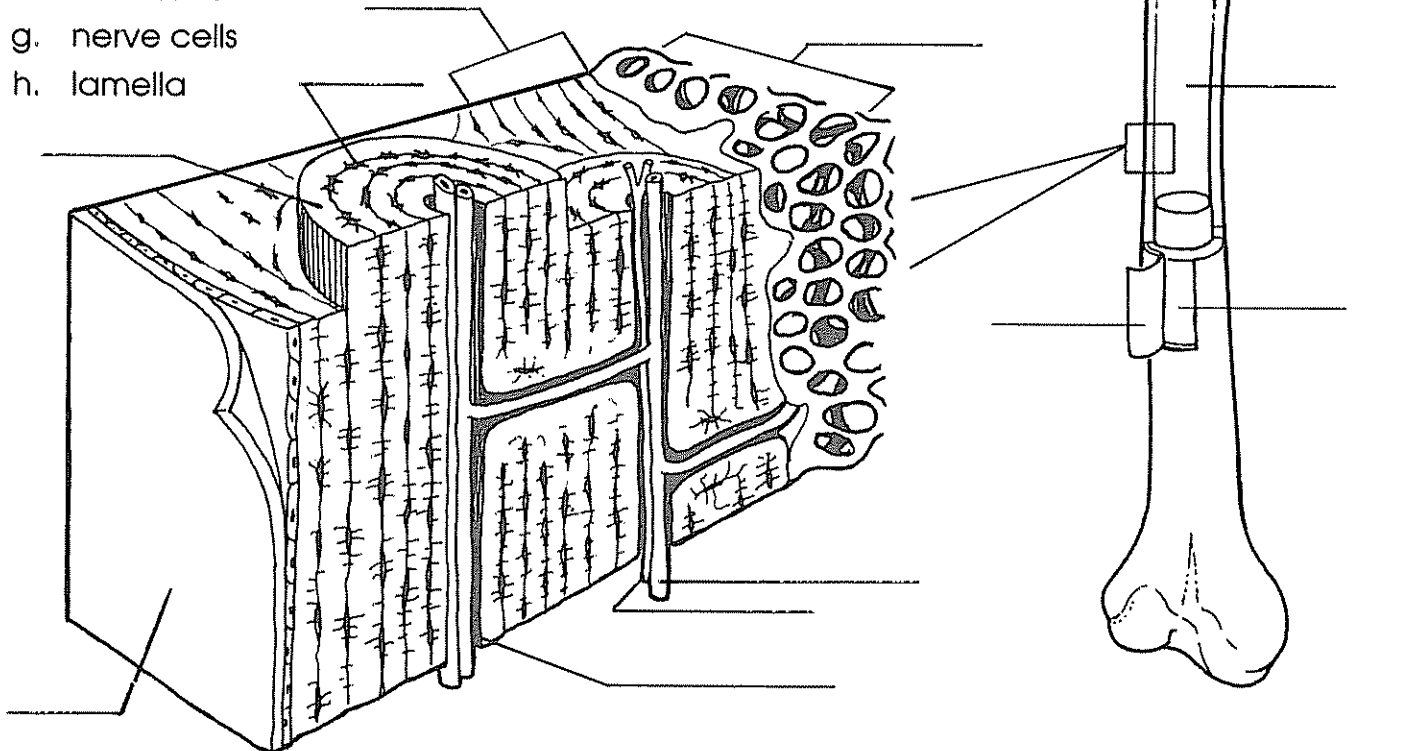


STRUCTURE OF BONES

Name _____

Label the following parts of a long bone on both diagrams wherever possible. The diagram at the right shows a longitudinal section, the other a cross section.

- a. shaft
- b. periosteum
- c. blood vessels
- d. compact bone
- e. spongy bone
- f. red marrow
- g. nerve cells
- h. lamella
- i. Haversian canal
- j. bone cell



Fill in the blanks with the correct answers.

A bone is covered with a thin, tough membrane called the _____. It supplies bone cells with _____ and _____ using its rich supply of blood vessels. The dense part of bone is called _____ bone.

_____ is the mineral that gives bone its strength. The ends of bones are made up of _____ bone, which has many spaces. These spaces are filled with bone _____. Most bones contain yellow _____, which is made up of nerve cells, blood vessels and fat cells. New blood cells are made in _____ marrow. _____ connect bones. _____

connect muscles to bone.