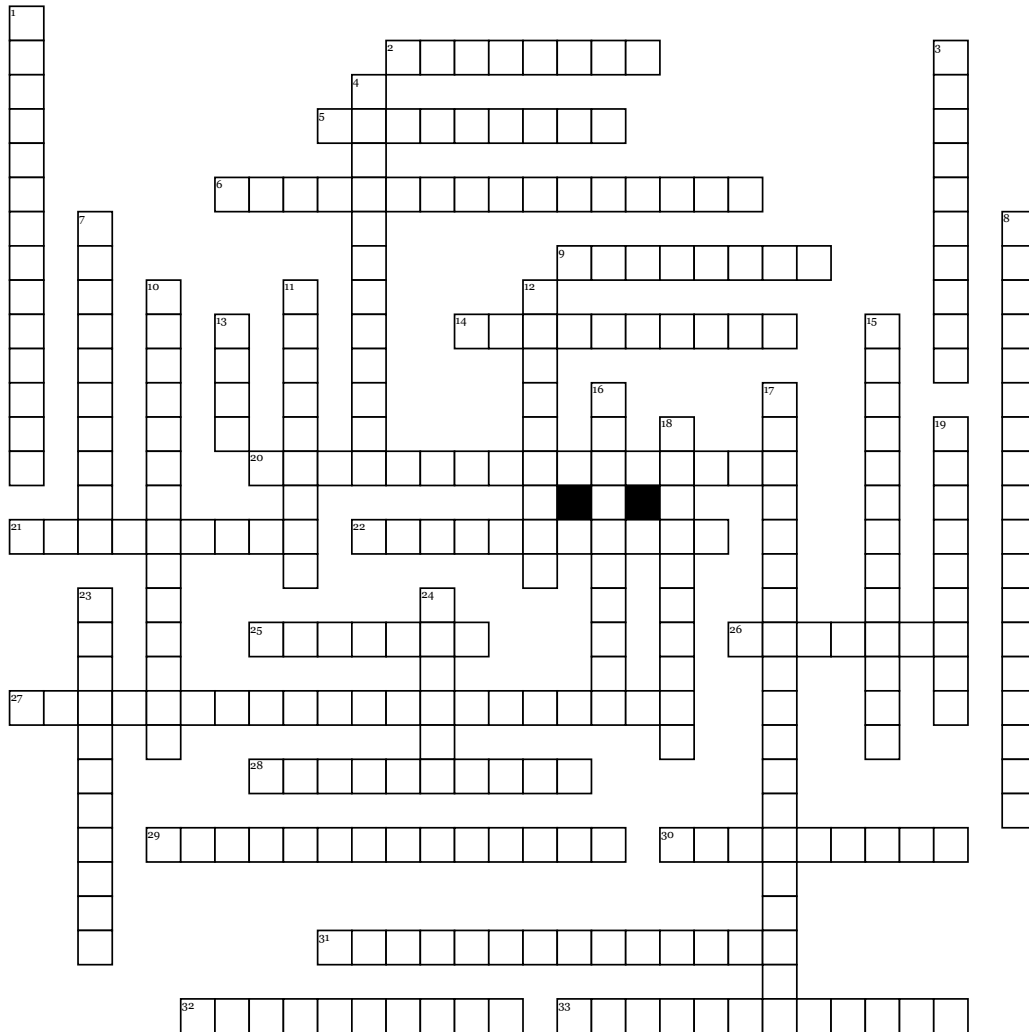


Skeletal System



Across

- 2.** a short band of tough, flexible, fibrous connective tissue that connects two bones or cartilages or holds together a joint
5. where red blood cells and some white blood cells are formed
6. A yellowish flexible cartilage
9. break or cause to break
14. a dense layer of vascular connective tissue enveloping the bones except at the surfaces of the joints.
20. persists in human adults at the ends of bones in free-moving joints as articular cartilage
21. a bone cell
22. A joint with saddle-shaped articular surfaces that are convex in one direction and concave in another and that allow movements in all directions except axial rotation
25. A type of joint made with articulation in which the bones are connected by a fibrous tissue, mainly collagen
26. a disease of children caused by vitamin D deficiency
27. is composed of 126 bones in the human body
28. is found at the ends of long bones, as well as in the pelvic bones, ribs, skull, and the vertebrae in the spinal column.

Word Bank

DIAPHYSIS
 ARTHRITIS
 ELASTIC CARTILAGE
 EPIPHYSES
 RHEUMATOID ARTHRITIS
 GOUT
 FRONTANEL

CANDYLOID JOINT
 HINGE JOINT
 AXIAL SKELETON
 APPENDICULAR SKELETON
 OSTEOCYTE
 FRACTURE
 LIGAMENT

- 29.** cartilage that contains fibrous bundles of collagen
30. painful inflammation and stiffness of the joints
31. joint that is an ovoid articular surface, or condyle that is received into an elliptical cavity
32. a joint that allows movement in only one plane, e.g. a knee or elbow joint
33. a layer of membrane around a tendon. It permits the tendon to stretch and not adhere to the surrounding fascia
- ## Down
- 1.** type of joint covered with cartilage
3. a cell that secretes the matrix for bone formation.
4. a structure within the vertebral column to house the spinal cord and nerve bundles
7. is a type of synovial joint.
8. a natural or manufactured joint or coupling, such as the hip joint, in which a partially spherical end lies in a socket, allowing multi directional movement and rotation.
10. is a lifelong process where mature bone tissue is removed from the skeleton
11. the end part of a long bone

- 12.** a space between the bones of the skull in an infant or fetus, where ossification is not complete and the sutures not fully formed
13. a disease in which defective metabolism of uric acid causes arthritis
15. the bones that make up the vertebral column and skull
16. a large multinucleate bone cell that absorbs bone tissue during growth and healing
17. a chronic progressive disease causing inflammation in the joints and resulting in painful deformity and immobility, especially in the fingers, wrists, feet, and ankles.
18. joint that permit sliding or gliding movements in the plane of articular surfaces
19. the shaft or central part of a long bone
23. A type of osseous tissue consisting of closely packed osteons and forms the extremely hard exterior of bones.
24. a fluid-filled sac or saclike cavity, especially one countering friction at a joint.