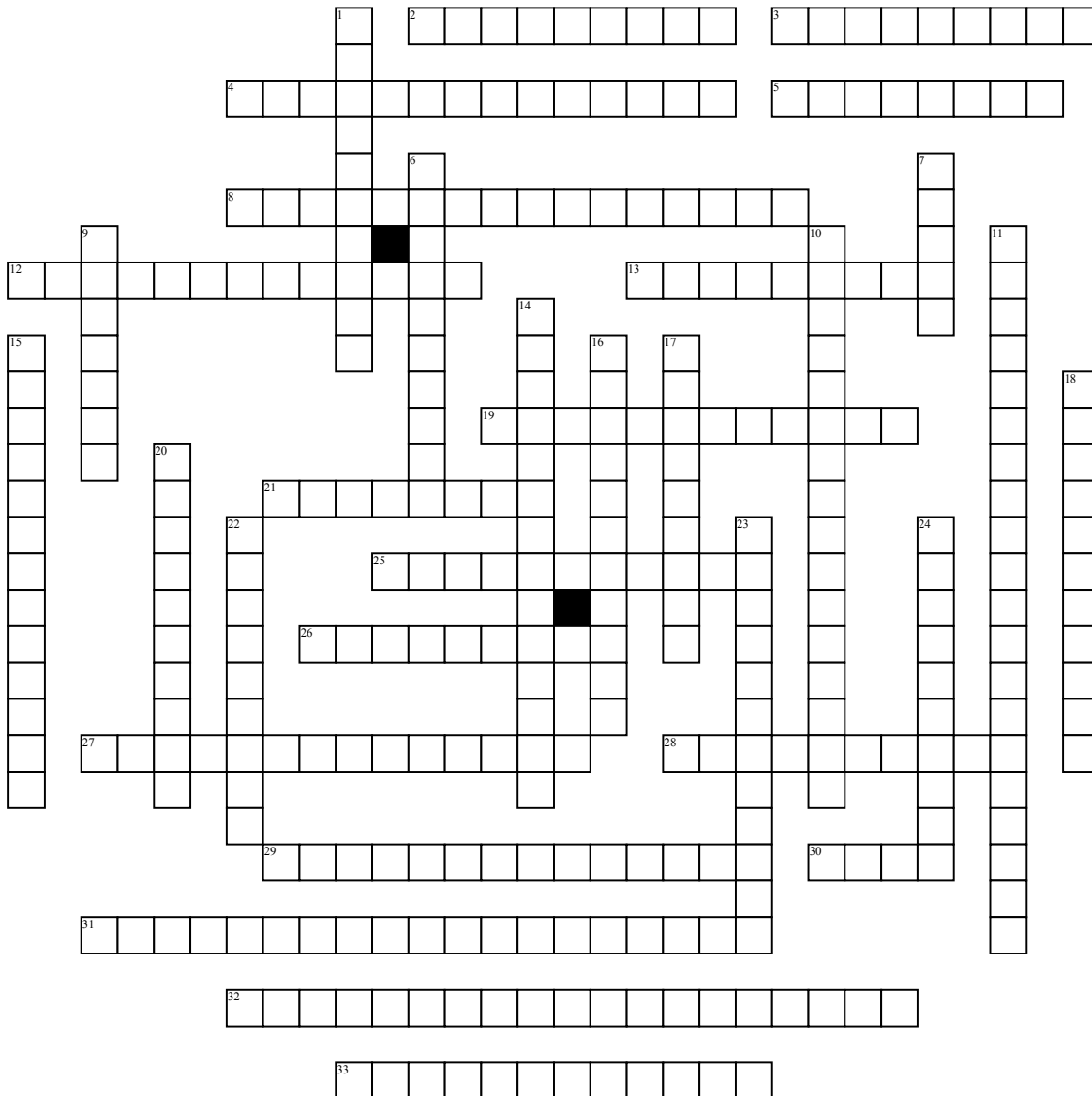


Name: _____

Date: _____

Skeletal System



Across

2. Inflammation of the joints
 3. Bone marrow of children and some adult bones that is required for the formation of red blood cells
 4. The most compressible type of cartilage; resistant to stretch
 5. Band of regular fibrous tissue that connects bones
 8. Cartilage with abundant elastic fibers; more flexible than hyaline cartilage
 12. relating to the head, neck, and trunk; one of the two major divisions of the body
 13. The end of a long bone, attached to the shaft
 19. The canal in the center of each osteon that contains minute blood vessels and nerve fibers that serve the needs of the osteocytes
 21. A break in a bone
 25. Bone-forming cells
 26. Fibrous membranes at the angles of cranial bones that accommodate brain growth in the fetus and infant

27. A joint that permits movement in two planes, allowing flexion, extension, adduction, abduction, and circumduction
 28. Internal layer of skeletal bone. Also called cancellous bone
 29. Freely movable joints exhibiting a joint cavity; also called a diarthrosis
 30. A common and complex form of arthritis that can affect anyone
 31. A chronic inflammatory disorder that can affect more than just the joints
 32. Bones united by cartilage; no joint cavity is present
 33. A layer of synovial membrane around a tendon

Down

1. A dense layer of vascular connective tissue enveloping the bones except at the surfaces of the joints
 6. A freely movable joint that allows only rotary movement around a single axis
 7. A fibrous sac lined with synovial membrane and containing synovial fluid; occurs between bones and muscle tendons

9. A disease of children caused by vitamin D deficiency
 10. The most abundant cartilage type in the body; provides firm support with some pliability
 11. Relating to the limbs; one of the two major divisions of the body
 14. Process involving bone formation and destruction in response to hormonal and mechanical factors
 15. Bones joined by fibrous tissue; no joint cavity is present
 16. Large cells that resorb or break down bone matrix
 17. The shaft or central part of a long bone
 18. Also known as cortical bone, is a denser material used to create much of the hard structure of the skeleton
 20. A synovial joint that allows only gliding movement
 22. Mature bone cell
 23. Increased softening of the bone resulting in a gradual decrease in rate of bone formation
 24. A bone joint that permits motion in only one plane