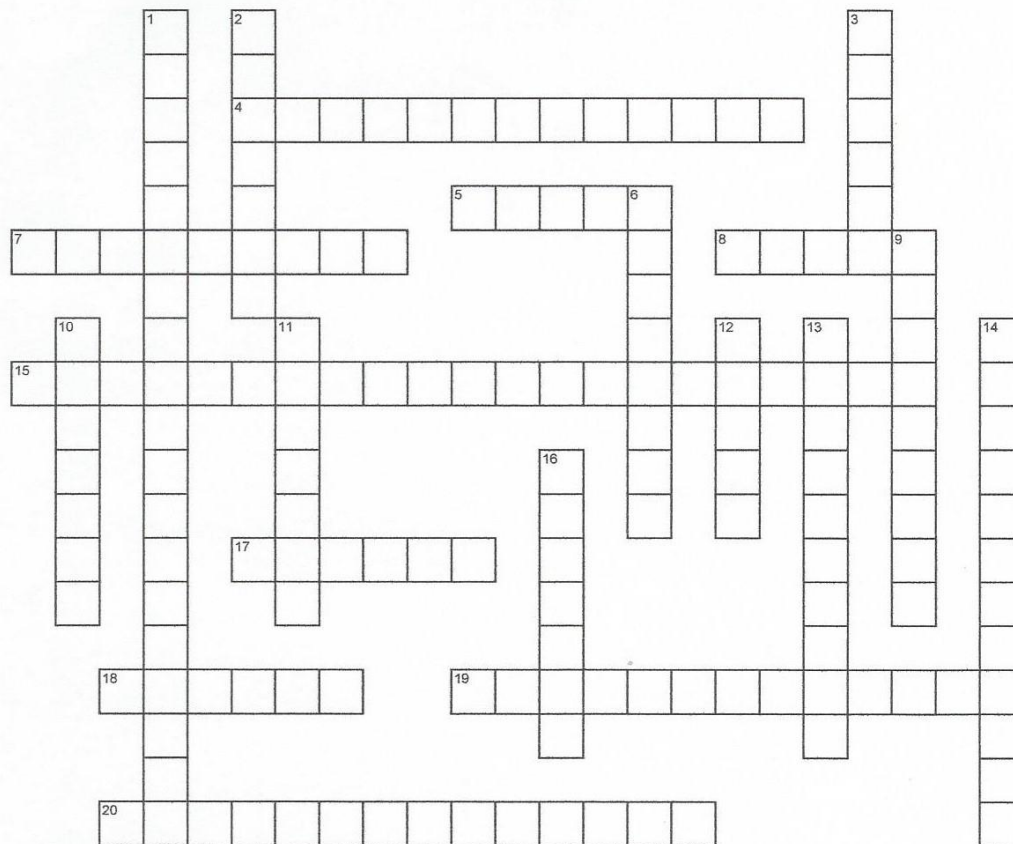


Joints

Directions: Use the highlighted terms in the chapter to solve the puzzle. Most clues come from the chapter text, but some require outside investigation. Omit spaces or dashes between words.



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ACROSS

- 4 the thick liquid inside the joint capsule that lubricates the joint
- 5 the bones that surround and protect the brain
- 7 soft tissue structures holding connecting bone to bone; create leverage to perform work
- 8 a place where minimal motion is desired at joints
- 15 the protective surface of bone that works with the opposing bone of a joint within the capsule
- 17 where all normal movement occurs in our body
- 18 provides the power to flex the forearm at the elbow
- 19 joints capable of movement and motion through a range of motions and directions
- 20 the condition where joint degeneration has occurred

DOWN

- 1 an autoimmune disease where joints become inflamed and destroyed; often bilaterally symmetrical pattern of destruction
- 2 supply the power to create movement
- 3 the joining together of certain bones at the end of growth
- 6
- 9 the joint motion occurring when you stand from a sitting position
- 10 supplies the power to straighten your arm from a flexed position
- 11 the joint motion when you lift a glass of water to take a drink
- 12 joints moving along one axis in either flexion or extension
- 13 the process of bone growth and development
- 14 the breaking down of the cartilage surface of bone in a joint
- 16 the tissue that surrounds and encloses a joint