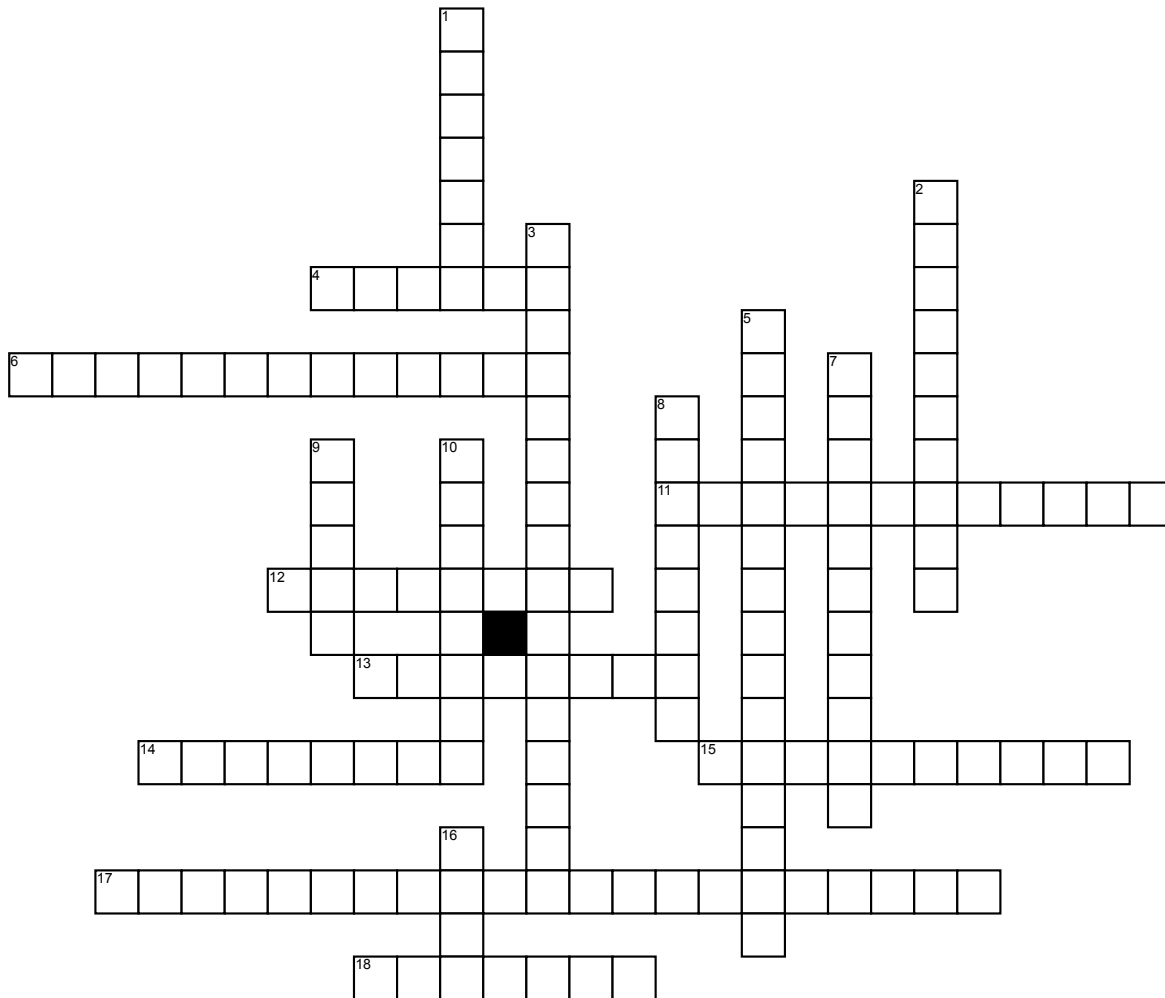


Muscular System Crossword



Across

4. Thick filaments
 6. Changes in electrical potential with the passage of an impulse along a membrane of a muscle/nerve cell
 11. Forms supporting tissue of blood vessels and hollow internal organs
 12. The two major smooth muscle are multiunit and _____
 13. Voluntary muscle tissue

14. For a muscle to _____ and do work its cells must be stimulated by nerves.
 15. The _____ is the connective tissue surrounding individual muscle fibers.
 17. What is the connection between stimulation of a muscle fiber and contraction called?
 18. The _____ muscle is found only in the heart

Down

1. Skeletal muscles are attached to bones by bundles of collagen fibers known as _____

2. muscle fiber membrane
 3. Opposing ends of cardiac muscle cells are connected by cross-bands called _____
 5. Changes in electrical potential with the passage of an impulse along a membrane of a muscle/nerve cell
 7. Shortening of sarcomeres in muscle fibers
 8. Bundle of muscle fibers
 9. thin filaments
 10. What is the main function of muscles?
 16. How many types of tissue are in a muscle?