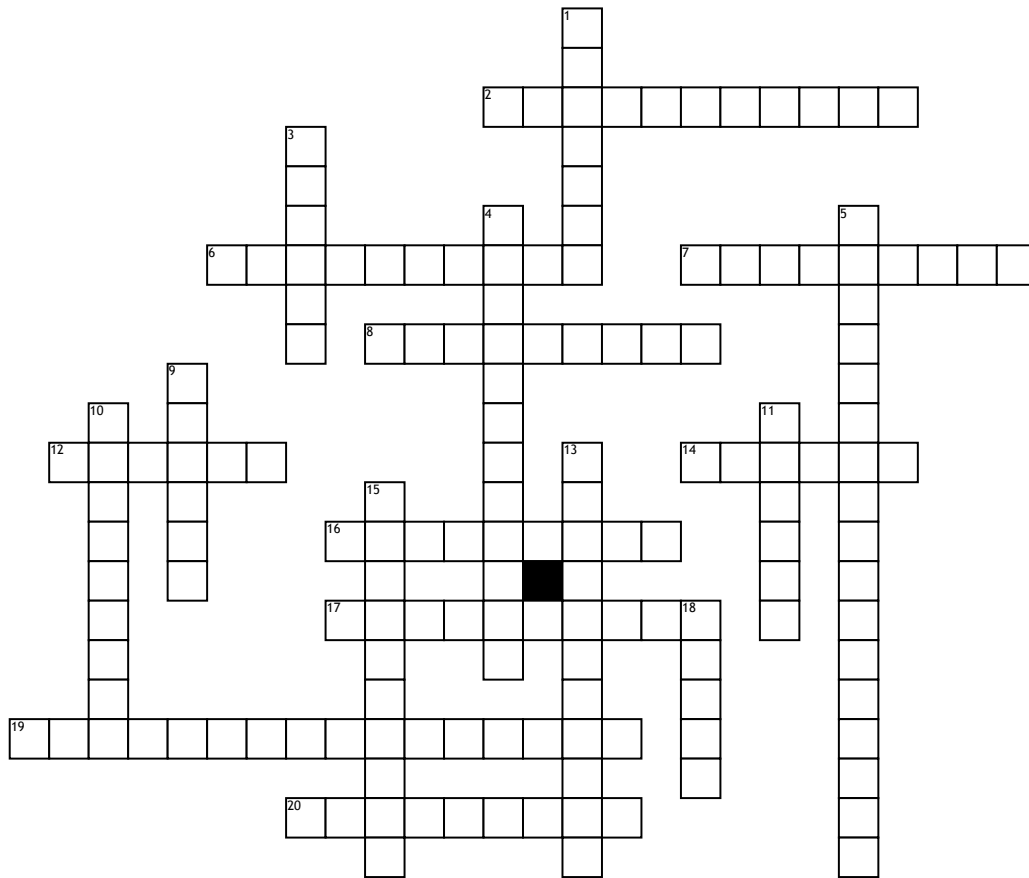


Name: _____

Date: _____

Muscular System



Across

- 2. Sheet like connective tissue connecting muscle to bone
- 6. Another term for cytoplasm
- 7. Functional unit of muscle
- 8. Muscle that assists prime mover
- 12. Thick myofilaments; Shaped like a golf club of hygoiin head
- 14. Single muscle contraction
- 16. Where muscle attaches to moving bone

- 17. Another term for cell membrane
- 19. Power stroking stops
- 20. Groups of cells covered by perimysium

Down

- 1. Recording of a contraction
- 3. Groups of fascicle covered by epimysium
- 4. Time between stimulation and myosin binding actin
- 5. Powering Stroking

- 9. Connective tissue separating muscles
- 10. Composed of thick and thin fibers
- 11. Each cell is covered by endomysium
- 13. Muscle that does most work in group
- 15. Muscles with opposite actions
- 18. Thin myofilaments; covered by tropomyosin

Word Bank

- | | | | |
|--------------------|---------------|-------------------|-----------|
| Myofibril | Sacroplasm | Aponeuroses | Sarcomere |
| Contraction Period | Latent Period | Relaxation Period | Fascieles |
| Synergist | Antagonist | Actin | Twitch |
| Fibers | Insertion | Myosin | Muscle |
| Fascia | Primer mover | Sacrolemma | Myogram |