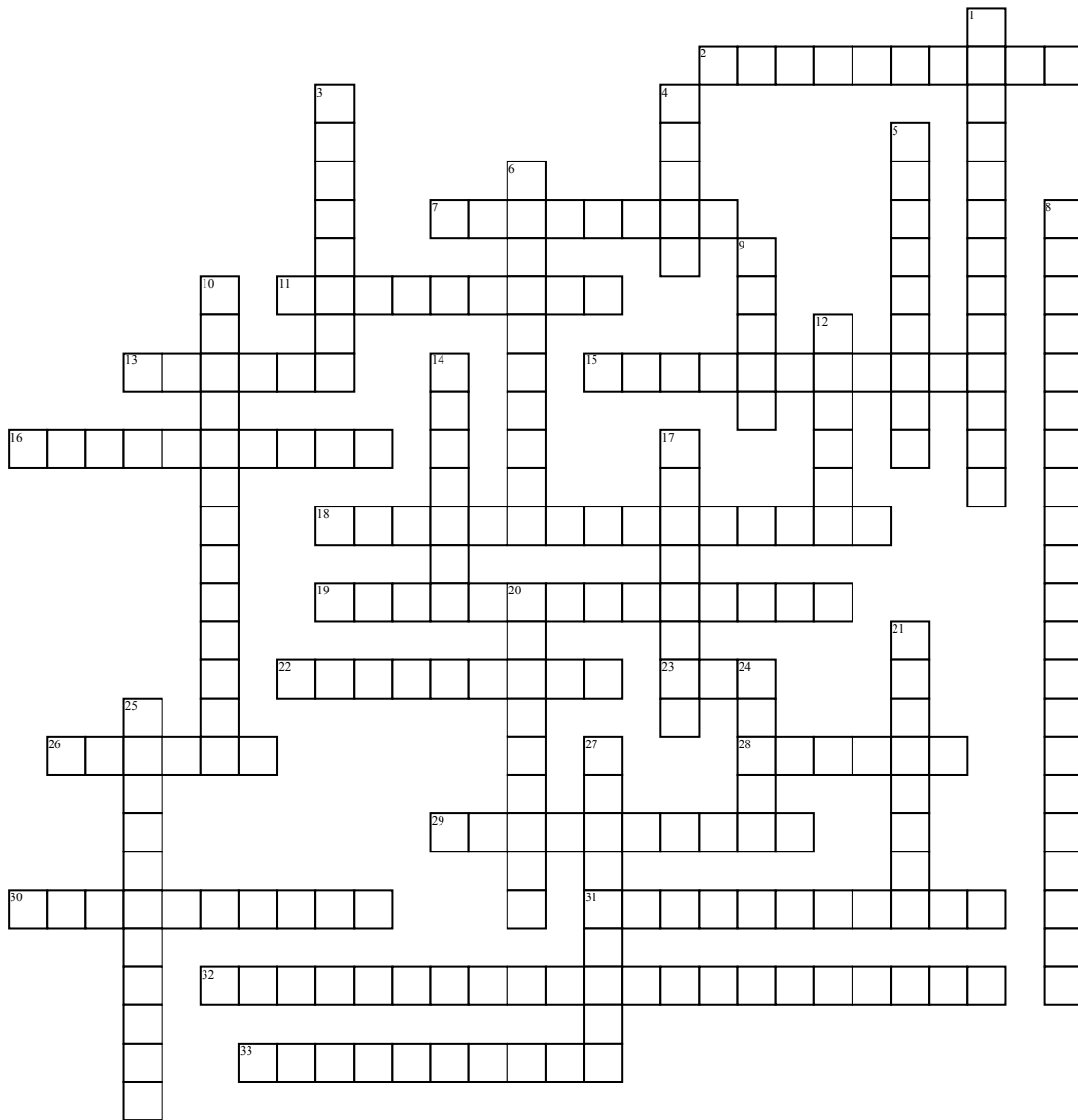


Name: _____

Date: _____

Muscles



Across

2. Encloses a single muscle fiber
7. Small tubes that allow impulses to travel throughout fibers interior
11. Attachment to moveable bone
13. Cord-like structure
15. What is a muscle filament called
16. Cytoplasm of a muscle cell
18. What is an electrical current
19. Movement of foot flexing downwards
22. Sole of feet rotates toward midline
23. Main Neurotransmitter
26. What muscle has involuntary movement and it non-striated

28. Attachment to immovable bone
29. Muscle doing most of movement
30. Muscle opposes a prime mover
31. Sheet-like structure
32. Stores and releases Calcium
33. Downward movement of body structure

Down

1. Allows for 360 degree movement
3. A protein complex involved in muscle contraction
4. Name of a muscle cell
5. Contractile unit of a muscle fiber
6. Rotation of hand and forearm facing upwards

8. Where the neuron and muscle cell connect
9. Made up of thin myofilaments
10. Gap between nerve and muscle
12. On the outside of the epimysium
14. Brings the bones together
17. What muscle has voluntary movement with striations
20. Covers the entire skeletal muscle
21. Contains chemicals called Neurotransmitters
24. Zone that lacks actin filaments
25. Shortening of sarcomere and pulling muscle against its attachment
27. Upward movement of body