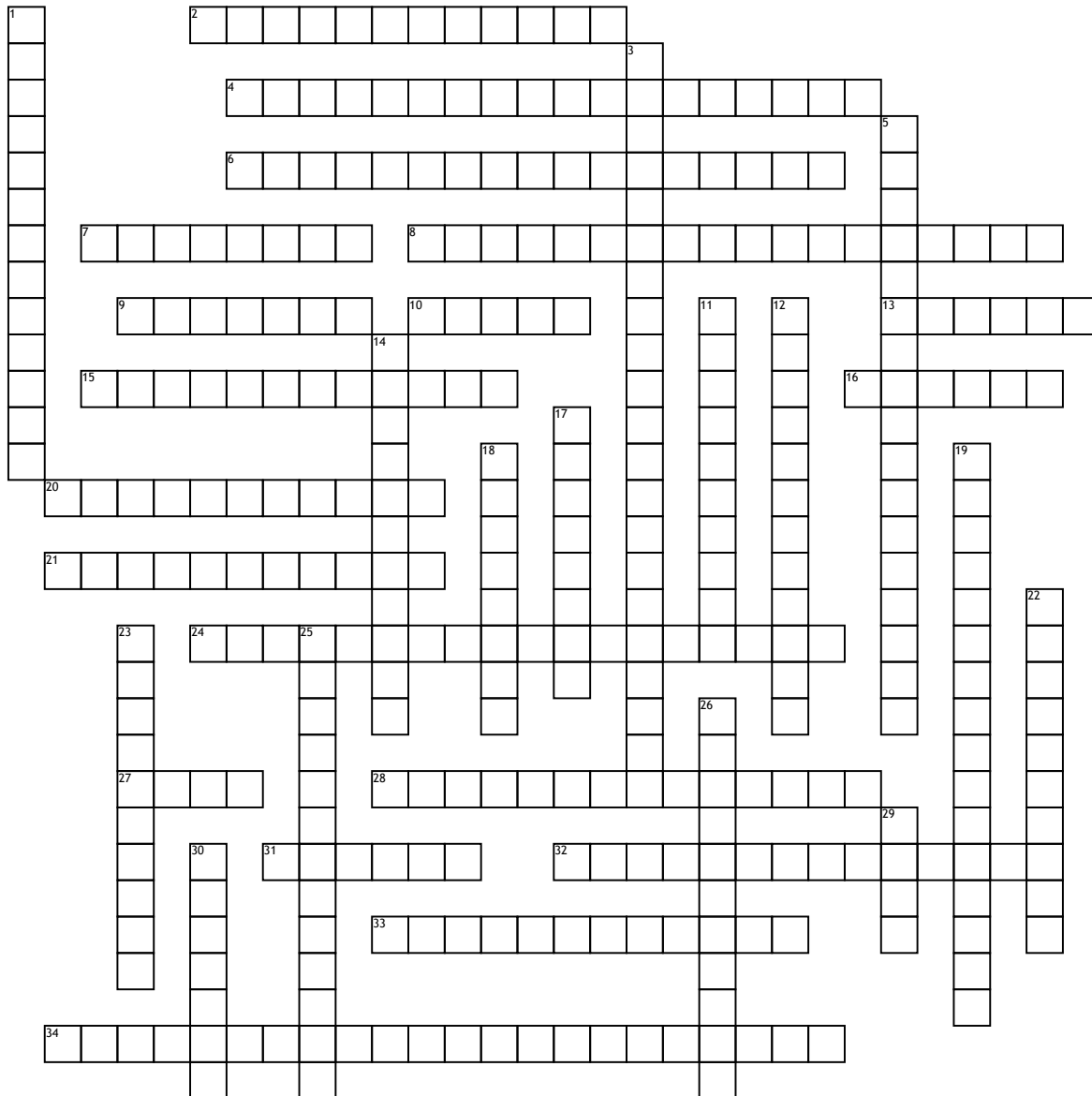


Name: _____

Date: _____

The Nervous System #1



Across

2. Transmit nerve signals to and from the rest of the body
4. cushion the brain when you bump your head
6. protects the central nervous system
7. a triple layer of protective tissues
8. carry impulses from light
9. found only in the brain and the spinal cord
10. The principal organ of the nervous system
13. form a large nerve mass
15. produce layers of myelin sheathing
16. bundle of nerve fibers from the brain and the spinal cord
20. both sensory and motor fibers
21. composed of axons and glial cells that are white

24. Responds to your body's needs during increased activity
27. long extension that relays nerve impulses from the cell body to other neurons
28. Sight, Hearing, Taste, Touch, Smell transmit pain signals
31. specialized covering
32. A biologist who studies the nervous system
33. from central nervous system to other parts of the body
34. controls the heart and other internal organs

Down

1. transmit nerve signals to and from the eyes, mouth, face, and scalp
3. acts as a balance to counteract the actions of the sympathetic
5. A disease of the brain and the spinal cord

11. which support and insulate nerve tissue
12. found only in the central nervous system
14. a group of cell bodies in the brain or spinal cord
17. Each neuron contains a nucleus
18. cell that receives nerve impulses from other neurons
19. carries impulses from the brain and the spinal cord to produce action in muscles of organs
22. large cell bodies
23. A thick bundle of nerve fibers located within the spinal cavity
25. a serious disease that attacks the spinal cord
26. A physician who specializes in the disorders of the nervous system
29. a state of prolonged unconsciousness
30. actual nerve cells