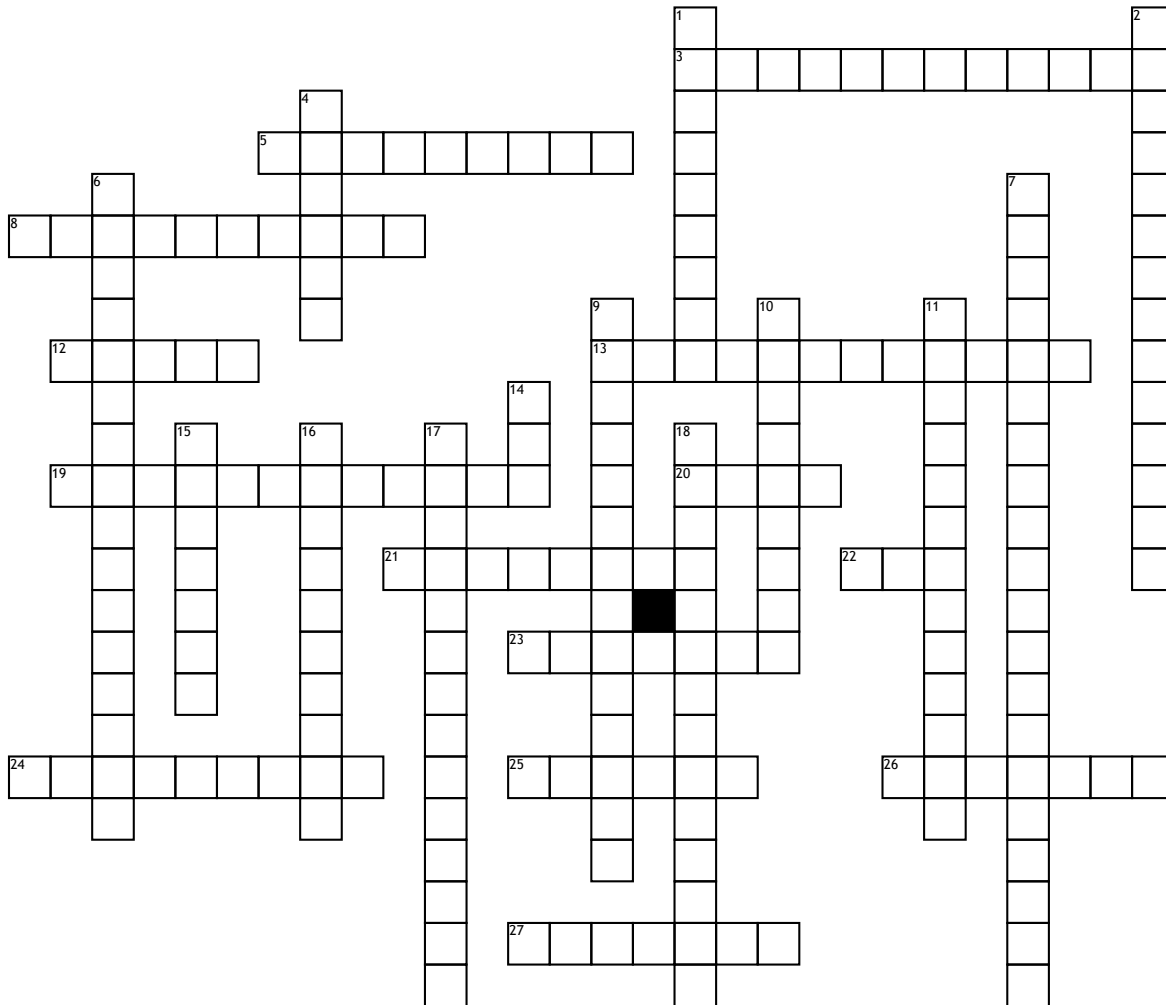


Name: _____

Date: _____

Nervous System



Across

3. Help form the myelin sheath of a neuron located in the PNS
 5. Involuntary Nervous System
 8. most abundant, 1 axon, several dendrites
 12. Carry impulses from CNS to effectors
 13. protects and insulates fibers, increases transmission speed of nerve impulses
 19. Receive and integrate information and decide on a response, enable communication
 20. Joins the cell body to a specialized junction
 21. Short branched projections that transmit electrical signals to cell bodies

22. Consists of nerves extending from brain and spinal cord and ganglia
 23. Group of cell bodies in PNS
 24. line the ventricles of the brain and serve as a barrier between CSF fluid and nervous tissue
 25. Bundles of Axon
 26. Transmit impulses from sensory receptors towards the CNS
 27. Rare, 1 axon, 1 dendrite, retinal neurons

Down

1. Star shaped, variety of tasks, controls blood brain barrier located in CNS
 2. Single axon, sensory neurons
 4. Groups of cell bodies on CNS
 6. Produce the myelin sheath insulating neuronal Axons

7. Voluntary nervous system
 9. Do not divide with few exceptions
 10. Oval cells thorny processes "Health Watchers" in CNS remove damaged neurons
 11. Master controlling and communicating system of the body
 14. Consists of brain and spinal cord
 15. They transmit signals
 16. Provide structural and functional support fir neurons
 17. Gap in the myelin, Allow the rapid conduction of nerve impulses
 18. Surround neuron cell bodies located in the PNS