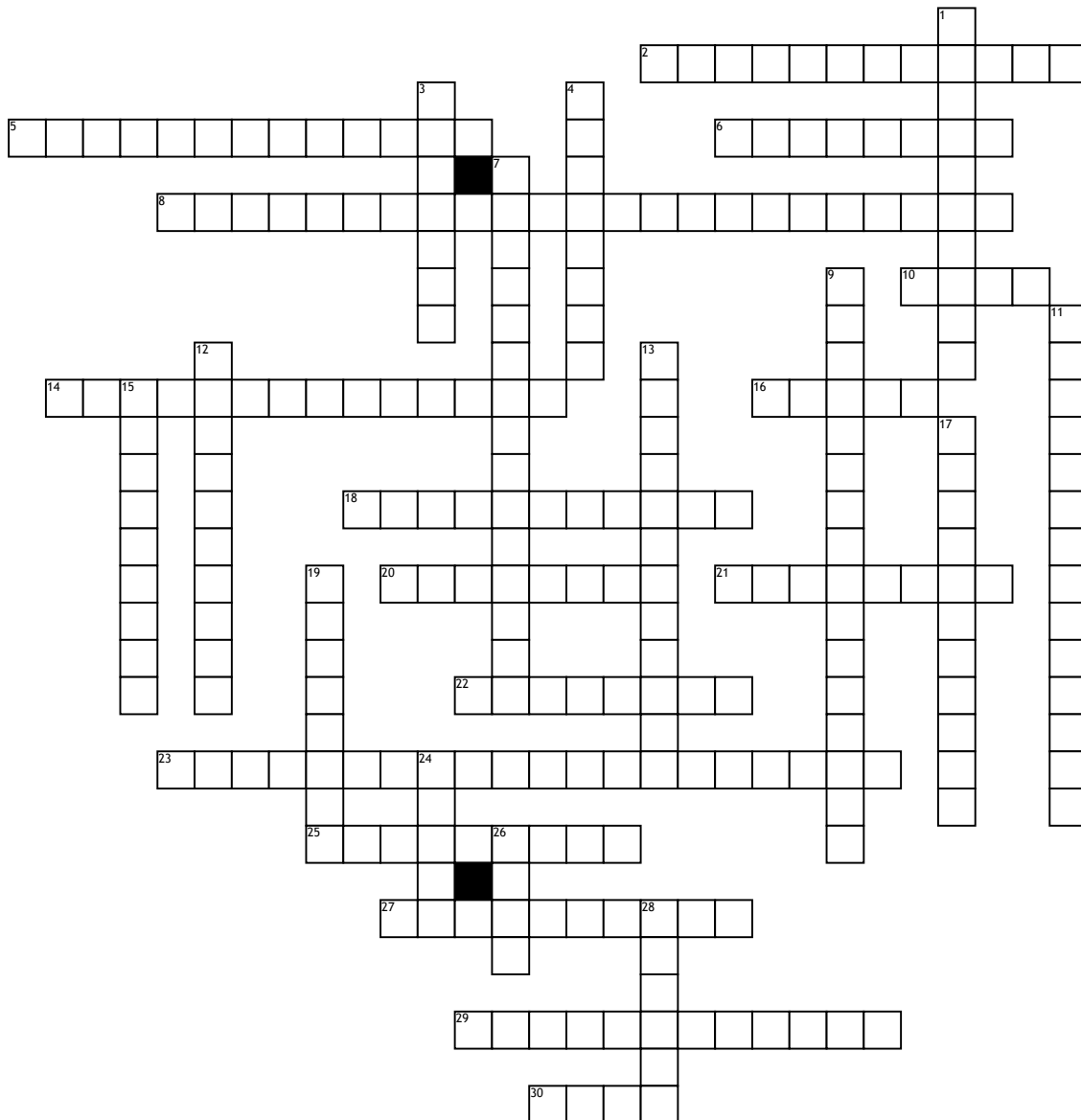


Name: _____ Date: _____ Period: _____

Nervous System Vocabulary



Across

2. large nucleated cells that form myelin
 5. a group of 12 paired nerves that attach to the undersurface of the brain and conduct impulses between the brain and structures in the head, neck, and thorax
 6. protective membrane covering the brain and spinal cord
 8. the division of the nervous system that includes the outlying nerves and spinal nerves
 10. specialized connective tissue cells that support neurons
 14. indentations between adjacent Schwann cells
 16. another term for the grooves of the cerebrum
 18. transmit impulses away from the brain and spinal cord; also called efferent neurons
 20. a group of wrapped axons
 21. another term for motor neurons
 22. the main part of the neuron

23. division of the nervous system that includes the brain and spinal cord
 25. small neuroglial cells that act as microbe eating scavengers
 27. the outer cell membrane of the Schwann cell
 29. connects the spinal cord to the peripheral structures such as the skin and skeletal muscles
 30. the single elongated projection of a neuron
Down
 1. second largest part of the human brain that helps control muscle contractions and maintain balance
 3. nerve cells
 4. another terms for sensory neuron
 7. help hold nerve fibers together and produce myelin
 9. axons outside the CNS that are surrounded by a segmented wrapping of myelin

11. a thin layer of gray matter that makes up the surface of the cerebrum
 12. a neuroglial cell that has thread-like extensions that connect to blood vessels
 13. conduct impulses from sensory to motor neurons
 15. the smaller branching projections of a neuron
 17. thin, fibrous wrapping around each fascicle
 19. largest part of the brain made up of gray matter and white matter and functions in mental processing
 24. group of peripheral nerves bundled together
 26. another term for the ridges, or convolutions, of the cerebrum
 28. a white, fatty substance found in the sheath around some axons