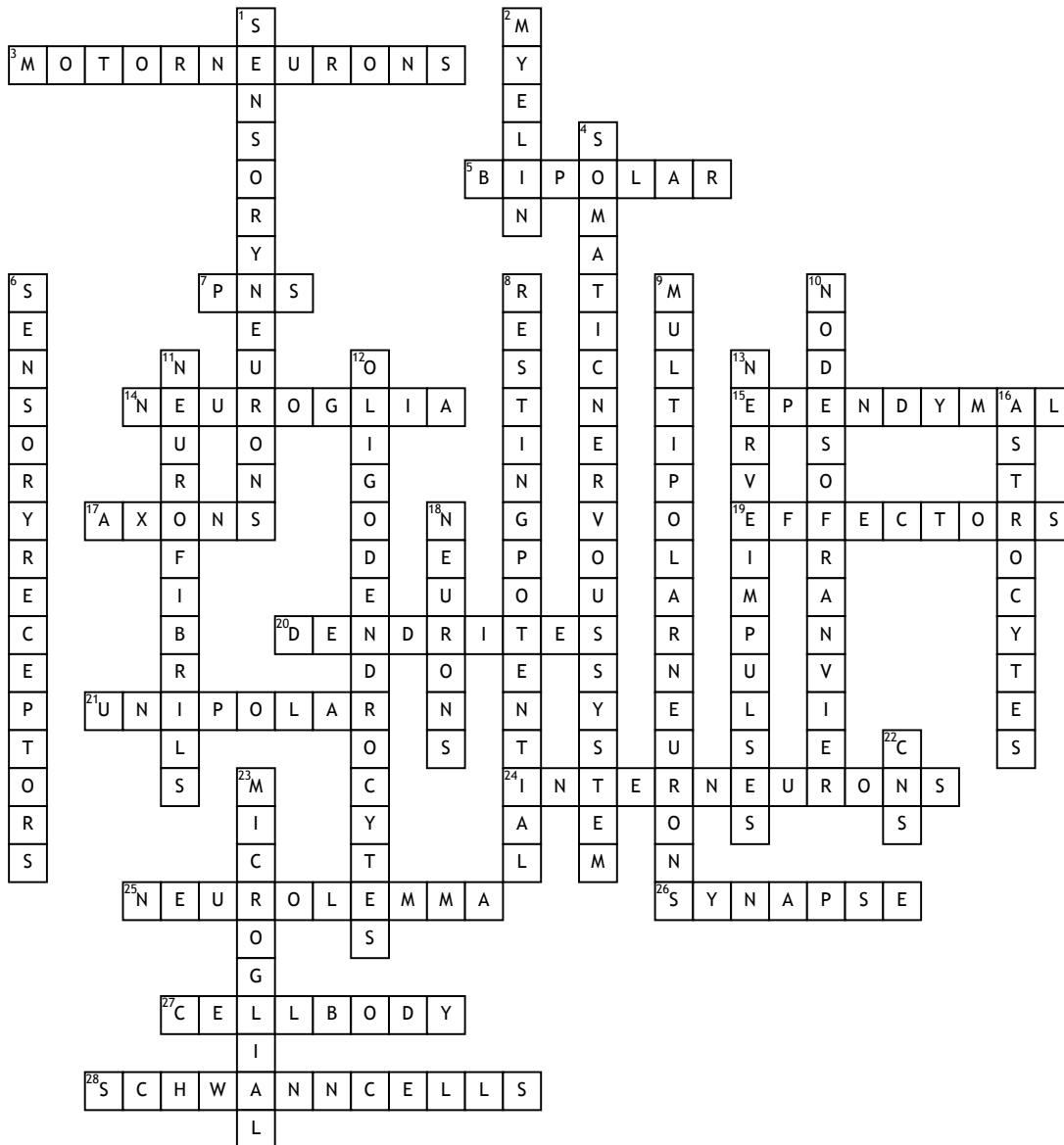


Name: _____

Date: _____

Ch. 9 Anatomy Vocab



Across

3. (efferent neurons) transmit impulses out of the brain or spinal cord to effectors; control muscle contraction and secretions of glands
5. type of neuron that have 2 processes, one arising from each of the cell body (1 axon, 1 dendrite)
7. composed of nerves and connects the CNS to other body parts
14. nervous tissue that provides physical support, insulation, and nutrients
15. form an epithelial like membrane that covers specialized brain parts and form inner linings that enclose spaces in the brain
17. extensions that send electro chemical info.
19. include muscles and glands whose actions are controlled or modified nerve impulses
20. extension of cell body that receive electro. chemical messages

21. type of neuron that have single processes extending from cell body that divide into 2 branches (peripheral process and central process)
24. (association neuron) found entirely within the brain or spinal cord and transmit impulses from one part of the brain or spinal cord to another
25. sheath that surrounds the myelin sheath
26. junction between two communicating neurons
27. rounded area on neurons
28. produce a myelin sheath around axons of neurons

Down

1. (afferent neurons) transmit nerve impulses from peripheral body parts into brain or spinal cord
2. mixture of proteins and lipids that form a white-ish insulating sheet around nerve fibers
4. controls skeletal muscle

6. gather info. by detecting changes inside and outside the body
8. potential difference between the region outside the membrane and inside the membrane
9. type of neuron that has many processes arising from their cell body (1 axon, the rest dendrites)
10. narrow gaps between schwann cells
11. a network of fine threads that form the cell body of a neuron
12. provide myelin sheath around axons in the brain and spinal cord
13. information in the form of electro. chemical changes
16. provide structural support, join parts by their cellular processes, and regulate concentrations of nutrients and ions
18. nerve cells
22. consists of brain and spinal cord
23. support neurons and phagocytize bacterial cells