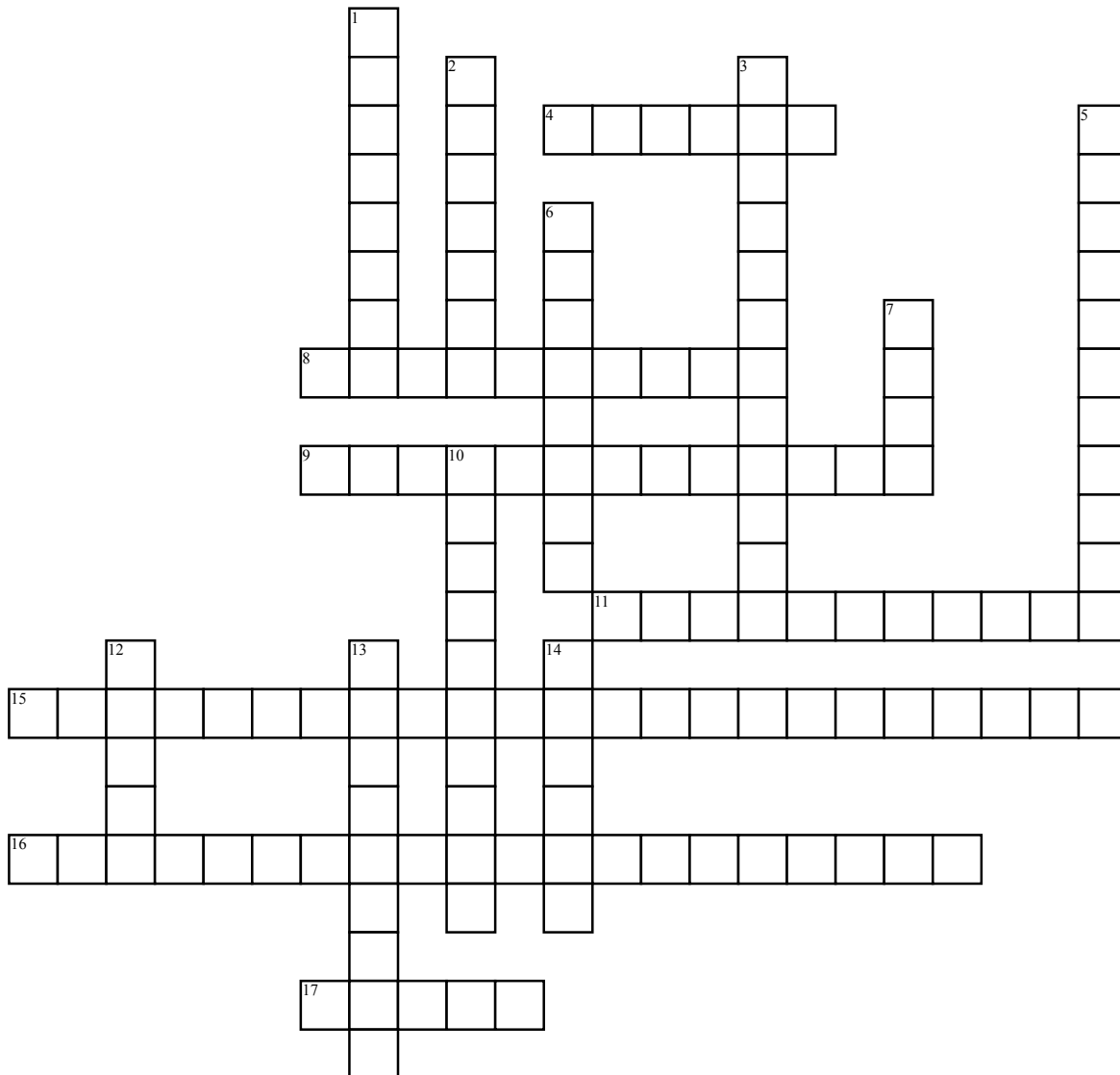


Name: _____

Date: _____

Nervous System Vocabulary Crossword



Across

4. automatic response that occurs rapidly without control
8. the part of the brain that coordinates the actions of the muscles and helps maintain balance
9. a neuron that picks up stimuli from the internal or external environment and converts each stimulus into a nerve impulse
11. a neuron that carries nerve impulses from one neuron to another
15. all the nerves located outside the CNS; connects the CNS to all parts of the body
16. the brain and the spinal cord; the control center of the body

17. fiber(s) that transmit impulses to the brain or spinal cord

Down

1. a threadlike extension of a neuron that carries nerve impulses toward the cell body
2. the tiny space between the tip of an axon and the next structure
3. a message carried by a neuron
5. a neuron that sends an impulse to a muscle, causing the muscle to contract
6. the part of the brain that interprets input from the senses, controls the movement of skeletal muscles, and carries out complex mental processes

7. a threadlike extension of a neuron that carries nerve impulses away from the cell body

10. the thick column of nerve tissue that is enclosed by the vertebrae and that links the brain to the PNS

12. the part of the CNS that is located in the skull and that controls most functions in the body

13. the part of the brain that controls many body functions that occur automatically

14. a cell that carries messages through the nervous system