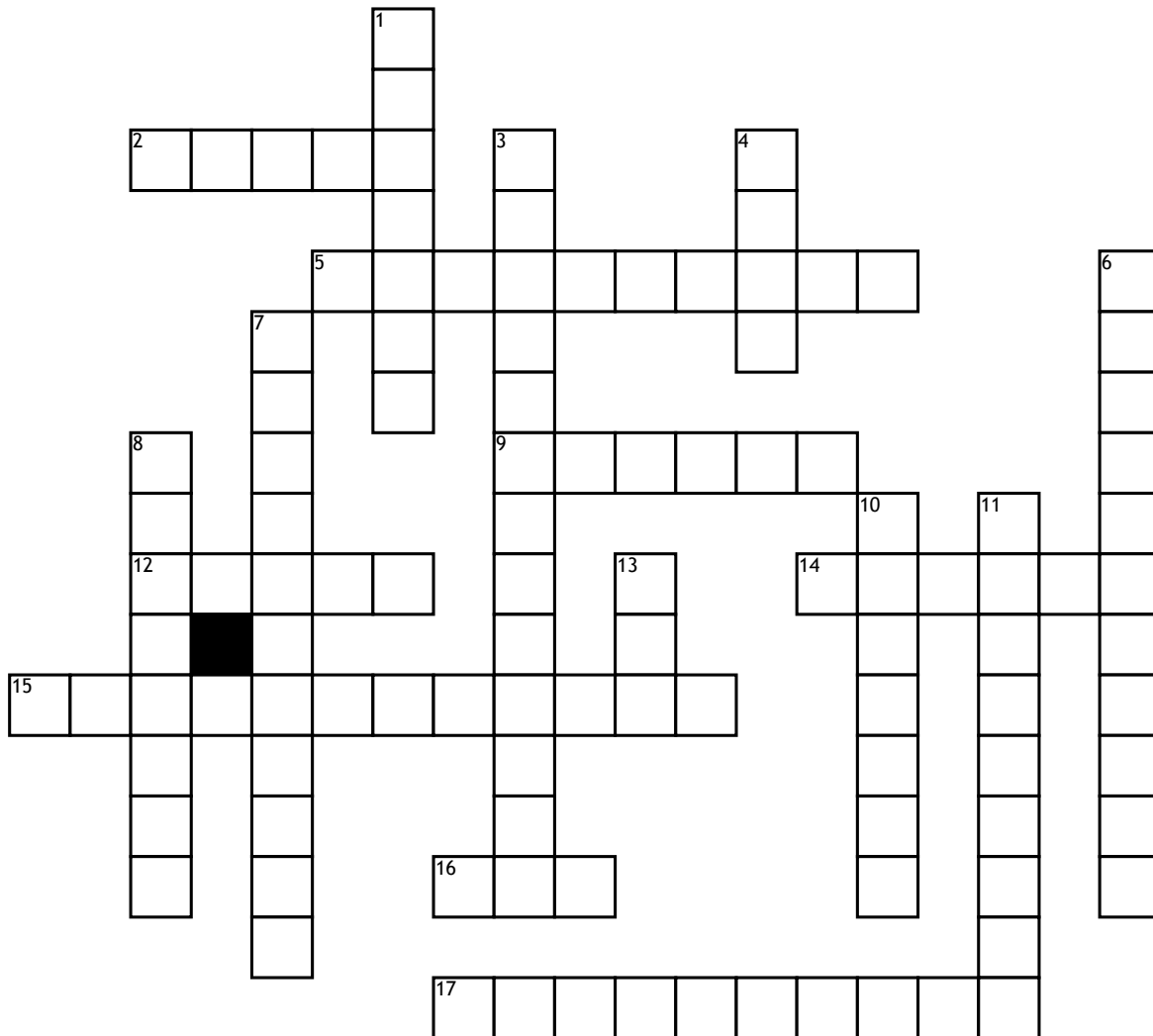


# Nervous System Vocab



## Across

2. the part of CNS that interprets input from senses, controls movement of skeletal muscle, and carries out complex mental processes
5. the thick column of nerve tissue that is enclosed by the vertebrae and that links the brain to most of the nerves in the PNS
9. an automatic response that occurs very rapidly and without conscious control
12. A bundle of fibers that uses electrical and chemical signals to transmit sensory and motor information from one body part to another
14. What is a cell that carries messages through the nervous system?

15. message carried by neuron

16. the brain and spinal cord; control center of body

17. the part of brain that coordinates the actions of the muscles and helps maintain balance

## Down

1. the tiny space between the tip of an axon and next structure

3. a neuron that picks up stimuli from the internal or external environment and converts each stimuli into a nerve impulse

4. Threadlike extension of a neuron that carries nerve impulses AWAY from cell bodies

6. a neuron that sends an impulse to a muscle, causing the muscle to contract

7. a neuron that carries nerve impulses from 1 unit to another

8. Threadlike extension of a neuron that carries nerve impulses TOWARDS cell

10. the part of the brain that interprets input from senses, controls movement of skeletal muscle, and carries out complex mental processes

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

13. all the nerves located outside the CNS, connects CNS to all parts of body