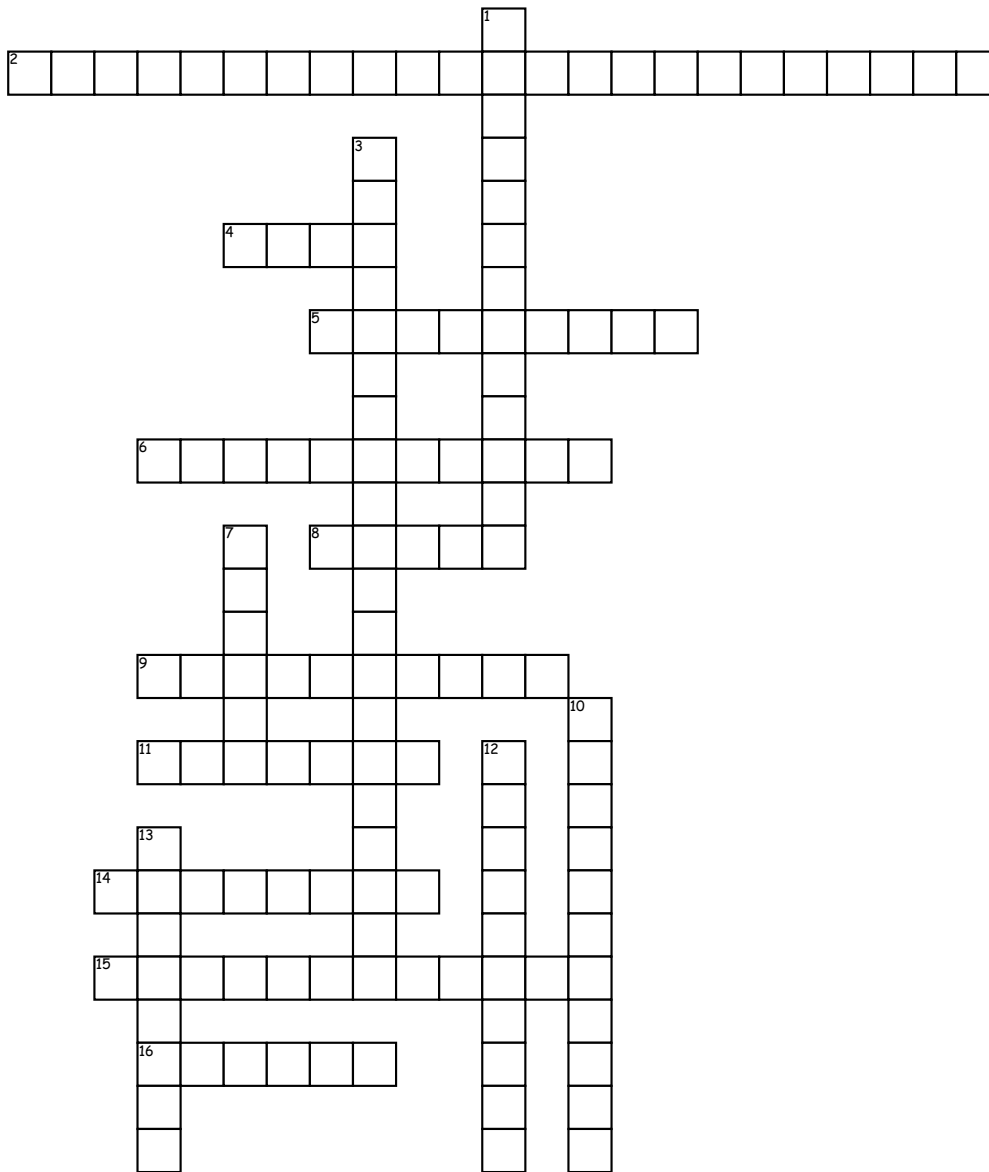


Nervous System Vocab



Across

2. all the nerves located outside the central nervous system; connects the central nervous system to all parts of body.

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

5. part of brain that controls many body functions that occur automatically.

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

8. part of central nervous system that is located in the skull and controls most functions in the body

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

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

14. A threadlike extension of a neuron that carries nerve impulses toward the cell body

15. a message carried by a neuron

16. automatic response that occurs very rapidly and without conscious control

Down

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

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

7. A cell that carries messages through the nervous system

10. a neuron that carries nerve impulses from one neuron to another

12. thick column of nerve tissue that is enclosed by the vertebrae and links the brain to most of the nerves in the peripheral nervous system.

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