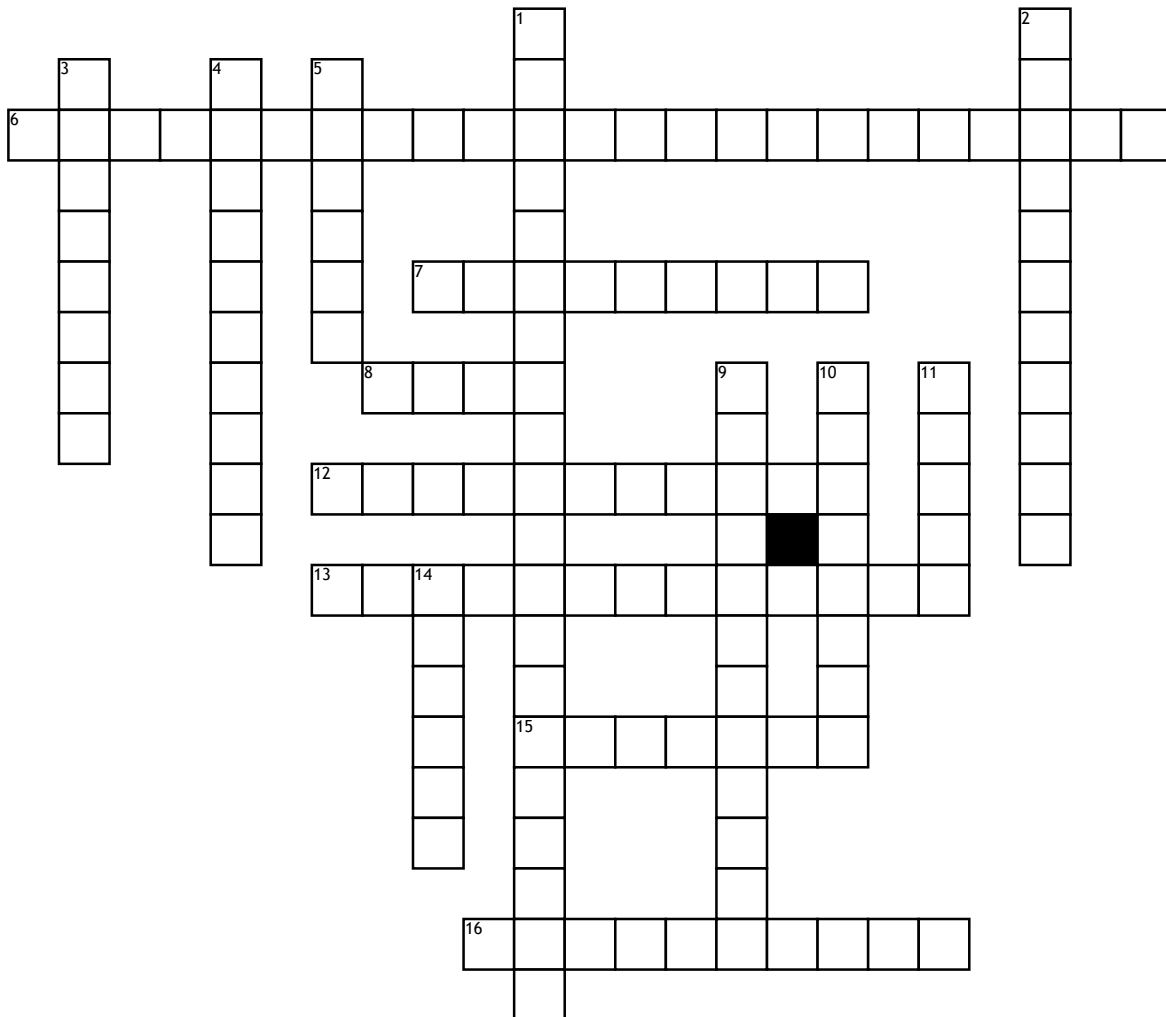


Name: _____

Date: _____

Nervous System Vocabulary



Across

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

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

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

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

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

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

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

Down

1. The brain and the spinal cord; the control center of the body

2. A neuron that carries nerve impulses from one neuron to another

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

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

5. An automatic response that occurs very rapidly and without conscious control

9. A message carried by a neuron

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

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

14. A cell that carries messages through the nervous system