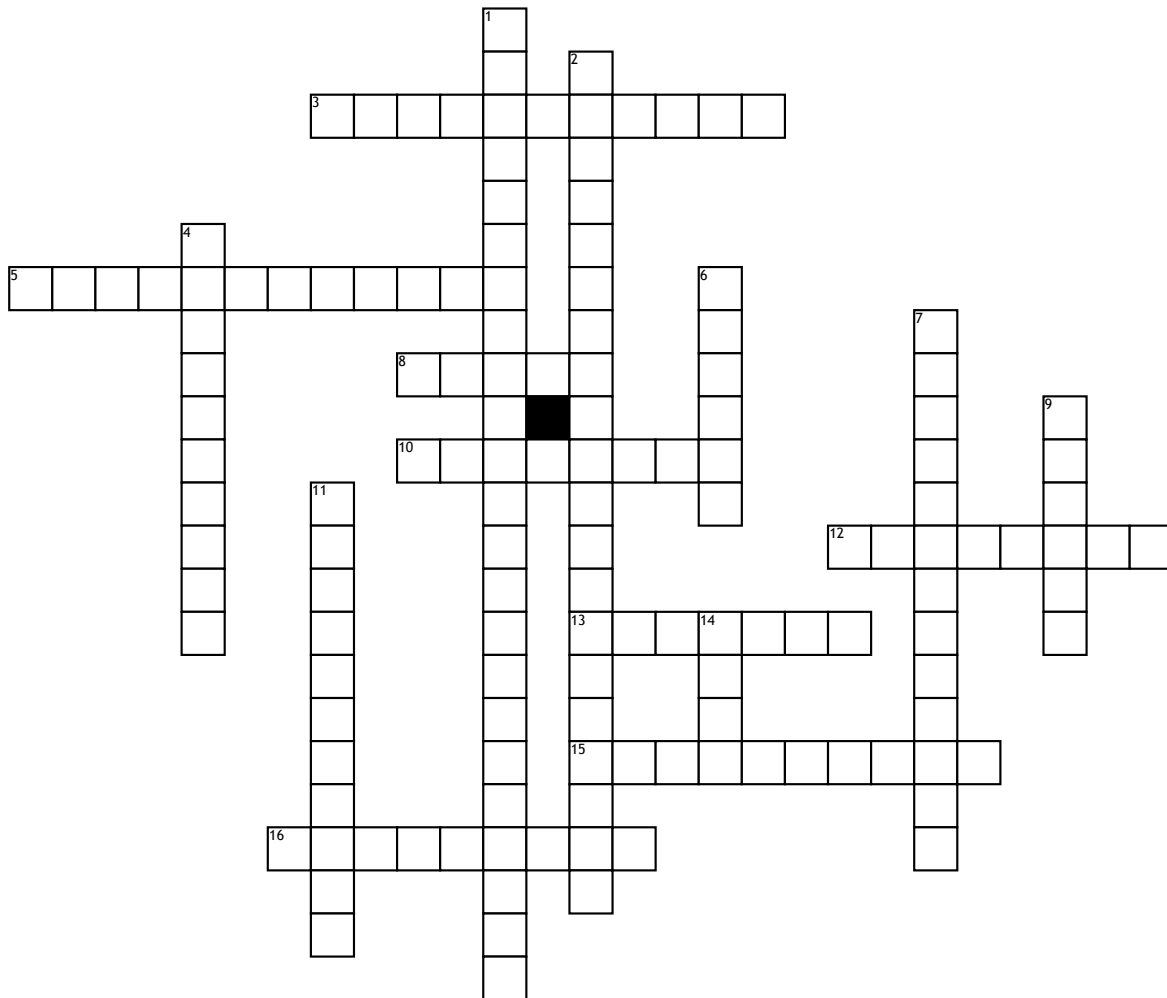


Nervous System Vocabulary



Across

3. A neuron that sends an impulse to a muscle, causing the muscle to contract
5. A message carries by a neuron
8. The part of the central nervous system that is located in the skull and that controls most functions in the body
10. A threadlike extension of a neuron that carries nerve impulses TOWARD the cell body
12. The part of the brain that interprets input from the senses, controls the movement of skeletal muscles, and carries out complex

13. The tiny space between the top of an axon and the next structure

15. 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

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

Down

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

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

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

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

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

9. A cell that carries messages through the nervous system

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

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