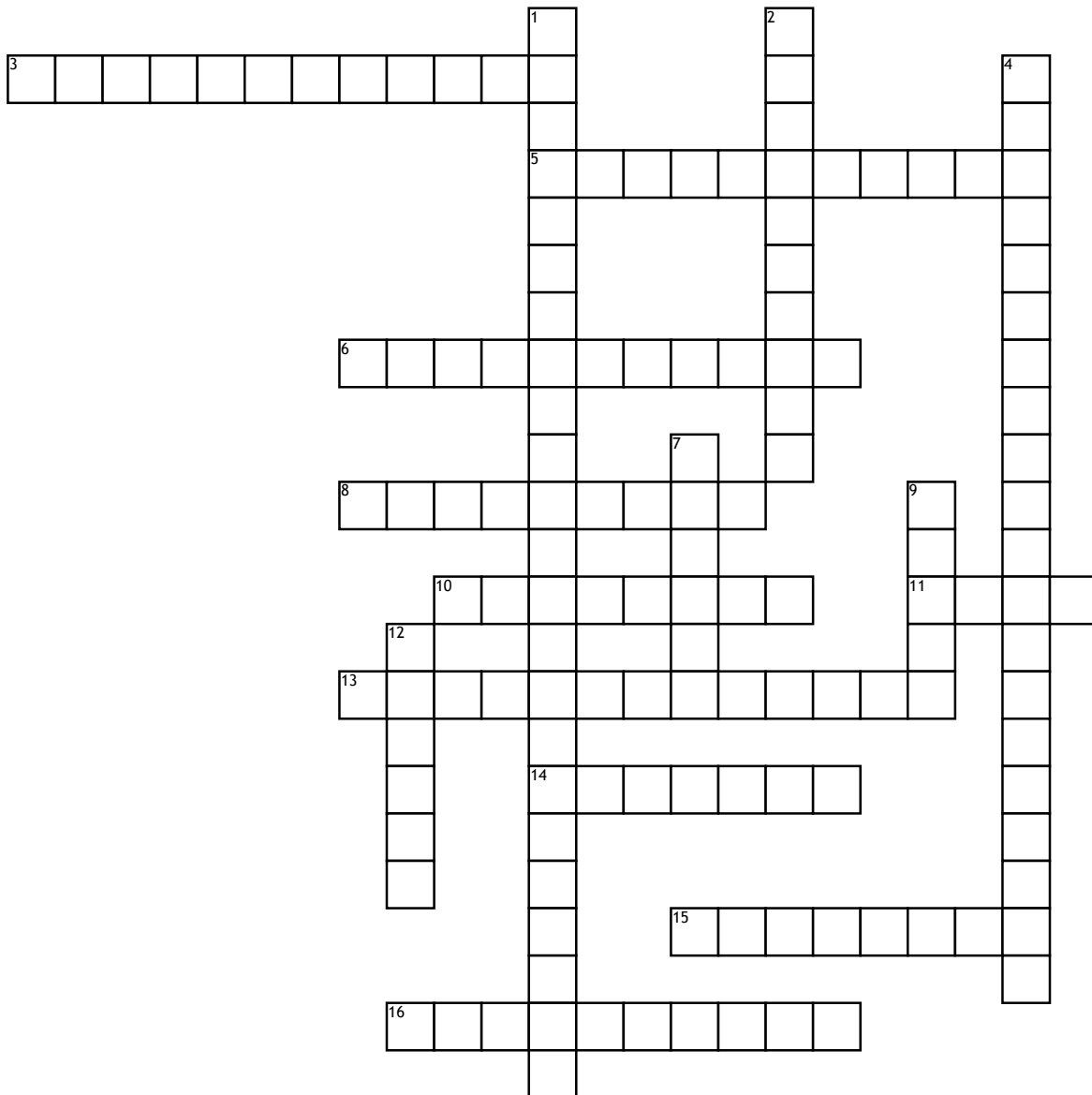


Nervous System Vocab.



Across

- 3. A message carried by a neuron
- 5. A neuron that carries nerve impulses from one neuron to another
- 6. A neuron that sends an impulse to a muscle, causing the muscle to contract
- 8. The part of the brain that controls many body functions that occur automatically
- 10. The part of the brain that interprets input from the senses, controls the movement of the skeletal muscles, and carries out complex mental processes
- 11. A threadlike extension of a neuron that carries nerve impulses away from the body

- 13. A neuron that picks up stimuli from the internal or external environment and converts each stimulus into a nerve impulse
- 14. The tiny space between the tip of an axon and the next structure
- 15. A threadlike extension of a neuron that carries nerve impulses toward the cell body
- 16. The part of the brain that coordinates the actions of the muscles and helps maintain balance

Down

- 1. All the nerves located outside the central nervous system; connects the central nervous system to all parts of the body
- 2. 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
- 4. The brain and the spinal cord; the control center of the body
- 7. A cell that carries messages through the nervous system
- 9. The part of the central nervous system that is located in the skull and that controls most functions in the body
- 12. An automatic response that occurs very rapidly and without conscious control