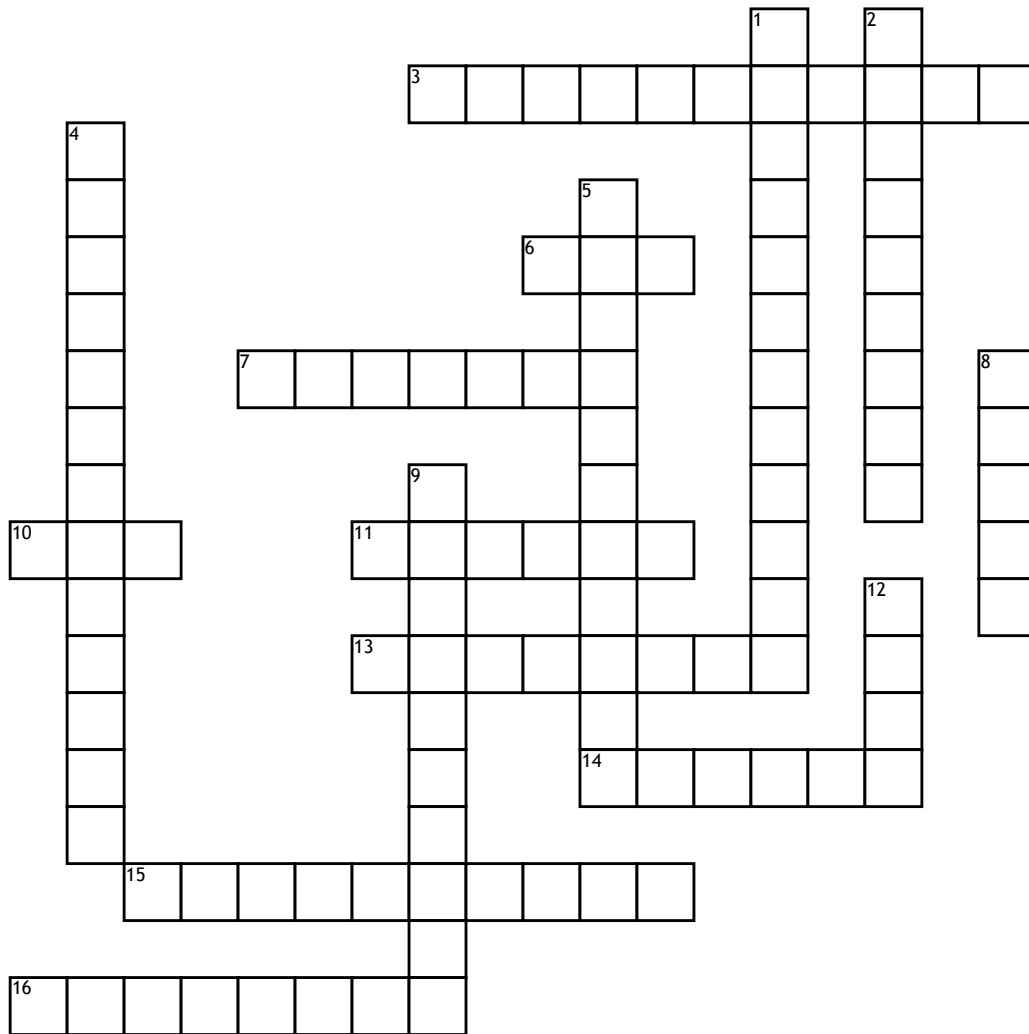


Name: \_\_\_\_\_

# nervous system vocab



## Across

3. a neuron that sends an impulse to a muscle, causing the muscle to contract  
6. All the nerves located outside the central nervous system connects the central nervous system to all the parts of the body  
7. the tiny space between the tip of an axon and the next structure  
10. the brain and the spinal cord the control center of the body  
11. An automatic response that occurs very rapidly and without conscious control  
13. a thread like extension of a neuron that carries nerve impulses toward the cell body

14. a cell that carries messages through the nervous system

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 interprets input from the senses controls the movement of skeletal muscles and carries out complex mental processes

## Down

1. a message carried by a neuron  
2. The part of the brain that controls many body functions that occur automatically

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

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

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

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

12. a thread like extension of a neuron that carries nerve impulses away from the cell body

## Word Bank

motor neuron

synapse

sensory neuron

reflex

pns

cerebrum

CNS

nerve impulse

brainstem

axon

brain

cerebellum

dendrite

neuron

spinal cord

interneuron