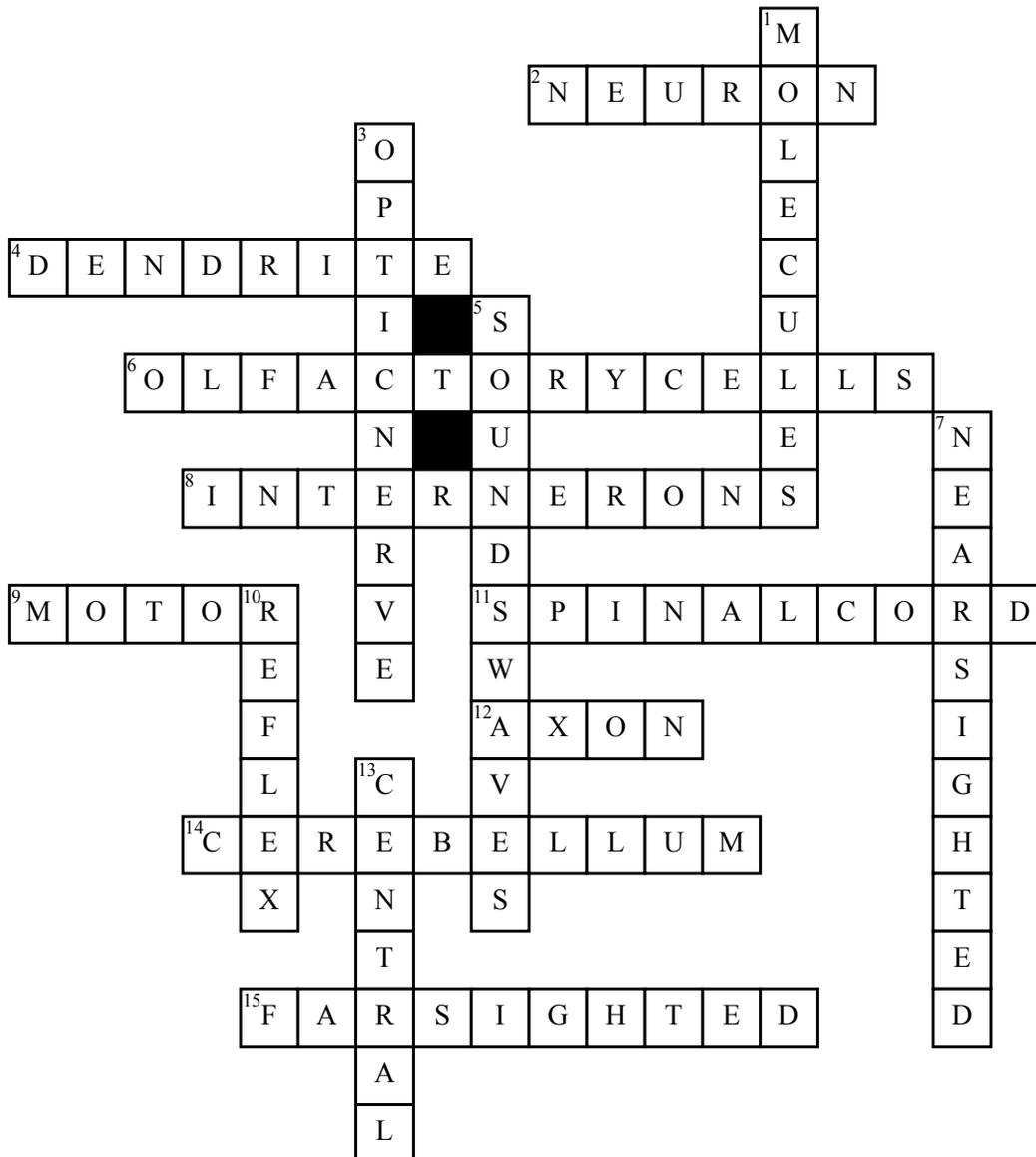


Name: _____

Date: _____

Period: _____

The Nervous System



Across

- 2. A _____ is made up of a cell body, dendrite, and axon.
- 4. When an impulse reaches the end of and axon, the axon releases a chemical that flows across the synapse and relays the impulse the _____ of the next neuron.
- 6. The _____ in the nasal passages detect molecules in the air, transmitting these impulses as odors.
- 8. Nerve cells that relay impulses from sensory nerve cells are called _____.
- 9. Nerve cells that conduct impulses from the brain to muscle and glands throughout your body are called _____ neurons.

- 11. Which part of the nervous system is made up of nerve cells that carry impulses to and from the brain.
 - 12. What is the branch part of the neuron that transports messages away from the cell body.
 - 14. This part of the brain coordinates voluntary muscle movements.
 - 15. When the light focused in front of the retina a person is _____.
- Down**
- 1. The olfactory cells in the nasal passages detect _____ in the air, transmitting these impulses as odors.
 - 3. The rods and cones send impulses to the _____, which carries them to the visual area of the cortex.

- 5. The ear, along with detecting and transmitting _____, also controls the body's balance by reacting to motion and gravity.
- 7. When light is focused in front of the retina a person is _____.
- 10. When a movement causes the spinal cord to interpret an impulse from the brain from sensory receptors this movement is called _____.
- 13. The _____ nervous system is made up of the brain and spinal cord.