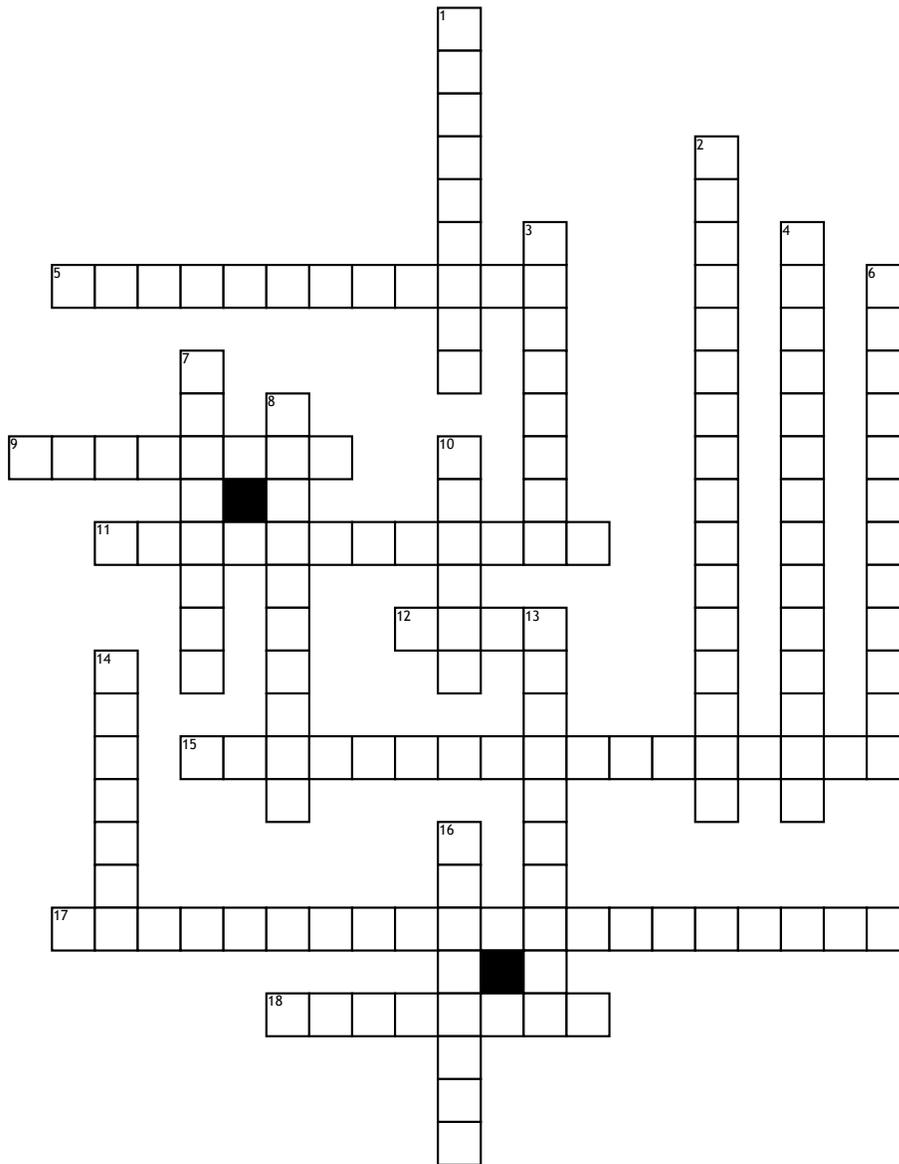


Name: _____

Date: _____

Biology Nervous System



Across

5. The white fatty membrane that protects the neuron

9. The protective coverings of the brain and spinal cord

11. An electrochemical pulse that moves along the membrane of a neuron

12. A rounded portion of the lower brain that relays information from one side of the brain to the other

15. The chemicals responsible for extending the nerve impulse from one cell to the next

17. The part of the nervous system consisting of the brain and spinal cord

18. The part of the neuron with the greatest diameter; contains the nucleus

Down

1. The series of neurons that produces a single reaction in response to a stimulus

2. Part of the brain; Relay center between spinal cord and brain; reflex center

3. The brain region that receives general sensations and relays impulses to a parietal lobe

4. The gray matter of the cerebrum

6. The region of the brain that controls involuntary activities

7. Part of the neuron that receives nerve impulses and transmits them toward the cell body

8. Part of the brain that monitors and adjusts body activities

10. The functional unit of the nervous system. The cell that receives and distributes nerve impulses.

13. The nervous tissue that conducts messages between the brain and the peripheral body parts

14. The junction between the axon and dendrite

16. The part of the brain containing motor and sensory centers: controls voluntary movement