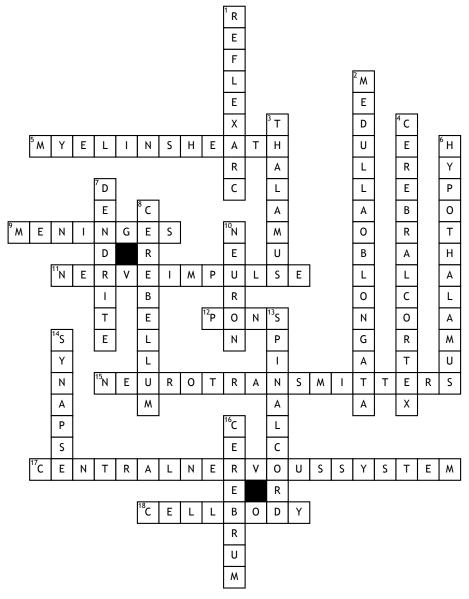
Name:	Date:

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 long the membrane of a neuron
- **12.** A rounded portion of the lower brain that relays information from one side of th 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