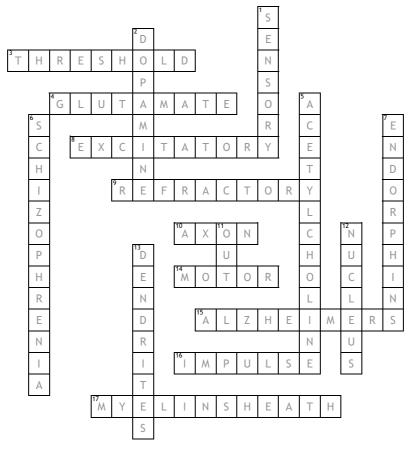
Name:	Date:	Period:

Neuroscience Crossword Puzzle



Across

- 3. The level of stimulation required to trigger a neural impulse
- 4. People who have splitting migraines may have an overproduction of (sight, sound, touch, taste, smell) to the central nervous system this neurotransmitter
- 8. Signals that tell the neuron "FIRE!" (insert happy dance here)
- 9. Period after a neuron has fired an impulse; it pauses to recharge itself so it can fire again
- 10. Part of a neuron that passes messages away from the cell body to 7. From Legally Blonde: "Exercise gives you _ other neurons, muscles, or glands
- 14. Type of neurons that control muscles
- 15. Undersupply of Acetylcholine (ACh) marks this brain disease
- 16. Another name for action potential (the message being sent); a brief electrical charge that travels down an axon

Down

- 1. Neurons that carry incoming information from the sense receptors
- 2. Neurotransmitter that helps control the brain's reward and pleasure
- 5. Neurotransmitter that triggers muscle contraction
- 6. Excess dopamine receptor activity is linked to this brain disease
- make you happy. Happy people just don't shoot their husbands. They just don't." (Hint- They are the same word)
- 11. The sodium-potassium pump moves _ out of the axon
- 12. Provides energy for the neuron to carry out its function
- 13. The finger-like branches on a neuron that receive messages from
- 17. Layer of fatty tissue that insulates the axons of some neurons and other cells helps speed their impulses