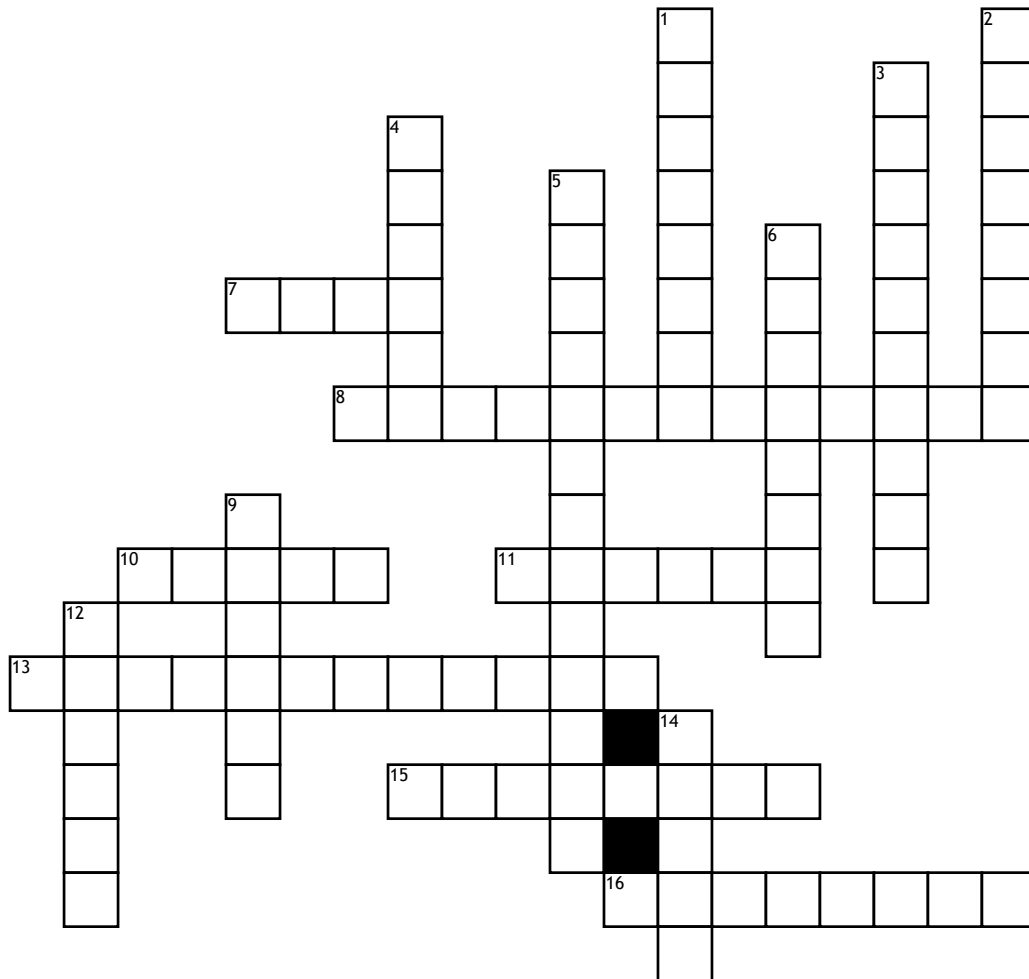


Name: _____

Date: _____

Nervous and Digestive systems



Across

- 7. What is the long fiber of a neuron that transmits signals from the cell body to other nerve cells?
- 8. What type of nutrient are starches and sugars?
- 10. Neurons that carry information from the brain and spinal cord to the body parts are (_____) neurons
- 11. What is the inner layer of the eye that detects light and produces nerve impulses?
- 13. What acid does the stomach produce to kill bacteria and help soften foods?

- 15. What are the four front teeth on each jaw, which cut food?
- 16. What part of the brain is primarily responsible for thought, memory, voluntary actions, thinking, and intelligence?

Down

- 1. What nerve carries sound impulses from the inner ear to the brain?
- 2. What are the protective layers of tissue that surround the brain and spinal cord?
- 3. The small flap of cartilage that keeps food out of the windpipe is the ?
- 4. What is the transparent front portion of the eye?

- 5. What disease of the spinal cord is caused by a virus that destroys motor neurons?
- 6. What gland of the eye produces tears?
- 9. What is a serious injury of the nervous system caused by an internal blockage or rupture of a blood vessel in the brain?
- 12. White matter in the brain is made of nerve fibers covered with what?
- 14. What light-sensitive layer of the eye produces the clearest vision?

Word Bank

- | | | | |
|---------------|---------------|----------|------------|
| cerebrum | fovea | meninges | axon |
| hydrochloric | motor | incisors | cornea |
| Lacrimal | auditory | stroke | epiglottis |
| Poliomyelitis | carbohydrates | retina | myelin |