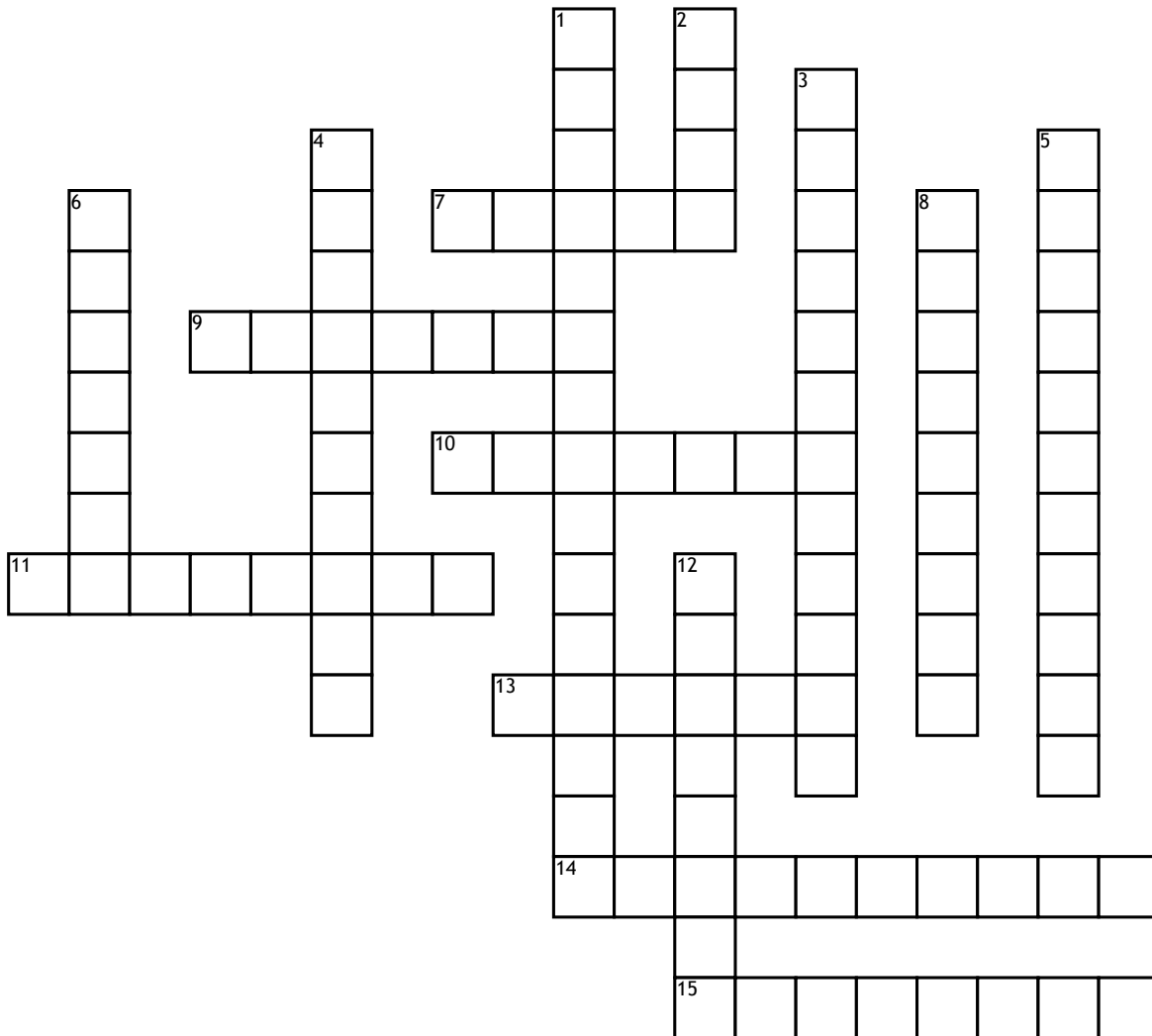


Nervous System



Across

7. The _____ is the main control of the nervous system that is protected by the skull.

9. The _____ neurons carry impulses toward the spinal cord and brain.

10. A/an _____ is a message that travels through a neuron.

11. The main part of a neuron is called the _____.

13. A _____ is a nerve cell that serves as the chemical communication in the brain, conducts impulses and responds to stimuli.

14. The _____ is the part of the brain that controls balance, posture, movement and coordination.

15. The _____ are the protective covering of the brain and spinal cord composed of three layers: dura mater, arachnoid mater and pia mater.

Down

1. The _____ nervous system controls homeostasis. (Sometimes referred to as the “rest and digest” system)

2. A/an _____ is a single long strand coming out of a neuron that carries messages away from the cell body.

3. The _____ are neurons that serve as links between the sensory and motor neurons.

4. The _____ is an elongated cylindrical structure, that extends from the medulla oblongata to a level between the first and second lumbar vertebrae of the backbone.

5. The _____ nervous system activates the “fight or flight” response. (Operates through a series of interconnected neurons)

6. The space between two neurons where electrical and chemical signals jump from neuron to neuron is called a/an _____.

8. The many short strands branching out from a neuron that carry messages to the cell body are called _____.

12. The largest part of the brain is the _____.