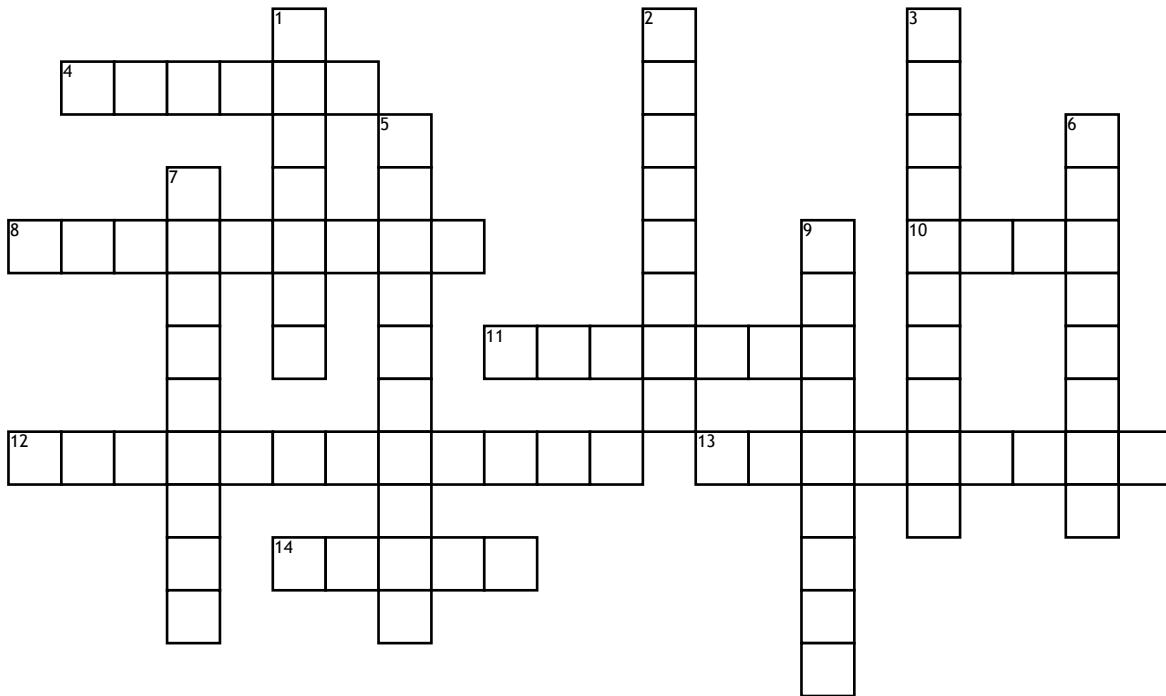


Name: \_\_\_\_\_

# Nervous System



## Across

- 4. basic cell of the nervous system
- 8. located at the base of the brain that releases critical hormones for different bodily functions
- 10. typically long that carries messages away from the cell
- 11. controls breathing and heart rate
- 12. regulates body temperature, use of water, and release of regulatory chemicals

13. short branched fibers that carry impulses towards the cell body

14. protects the brain from external injuries

## Down

- 1. division of peripheral nervous system that is responsible for voluntary movement
- 2. the large upper region of the brain that is divided into two hemispheres

3. long, fragile tubelike structure that begins at the end of the brain stem and continues down almost to the bottom of the spine (two words)

5. located below the cerebrum which is responsible for muscle movement

6. entire membrane that makes up the brain

7. subdivision of the autonomic nervous system that helps the body to conserve energy

9. it is the support system of the body located below the cerebellum (two words)