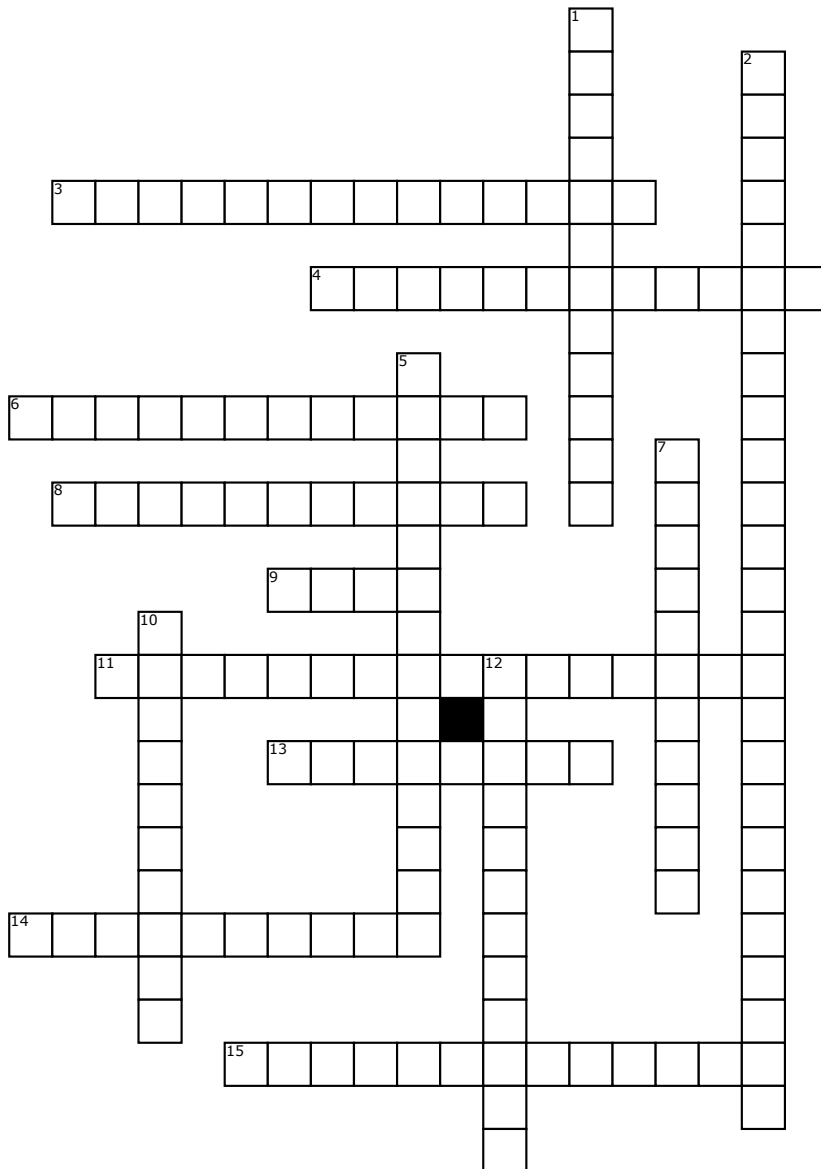


Body and Behavior



Across

- 3.** outermost layer of the brain; controls high level mental processes
- 4.** Regulates: Body temp, water temp, metabolism, interprets smells
- 6.** major center for hearing and some speech functions
- 8.** Long-term memory
- 9.** Breathing/sleeping

11. Heart rate, blood pressure, swallowing, vomiting

13. Above brain stem, recognizes symbols and sends them to right area

14. coordinates and organizes body movements for balance & accuracy

15. interprets visual information

Down

1. contains sensory strip

2. alertness control center of the brain; regulates activity level of body

5. nerve fibers sending info from one side of the cerebral cortex to the other.

7. contains motor strip

10. one half of the cerebral cortex; each half controls the opposite side of the body

12. structures that are involved in basic emotions and memory