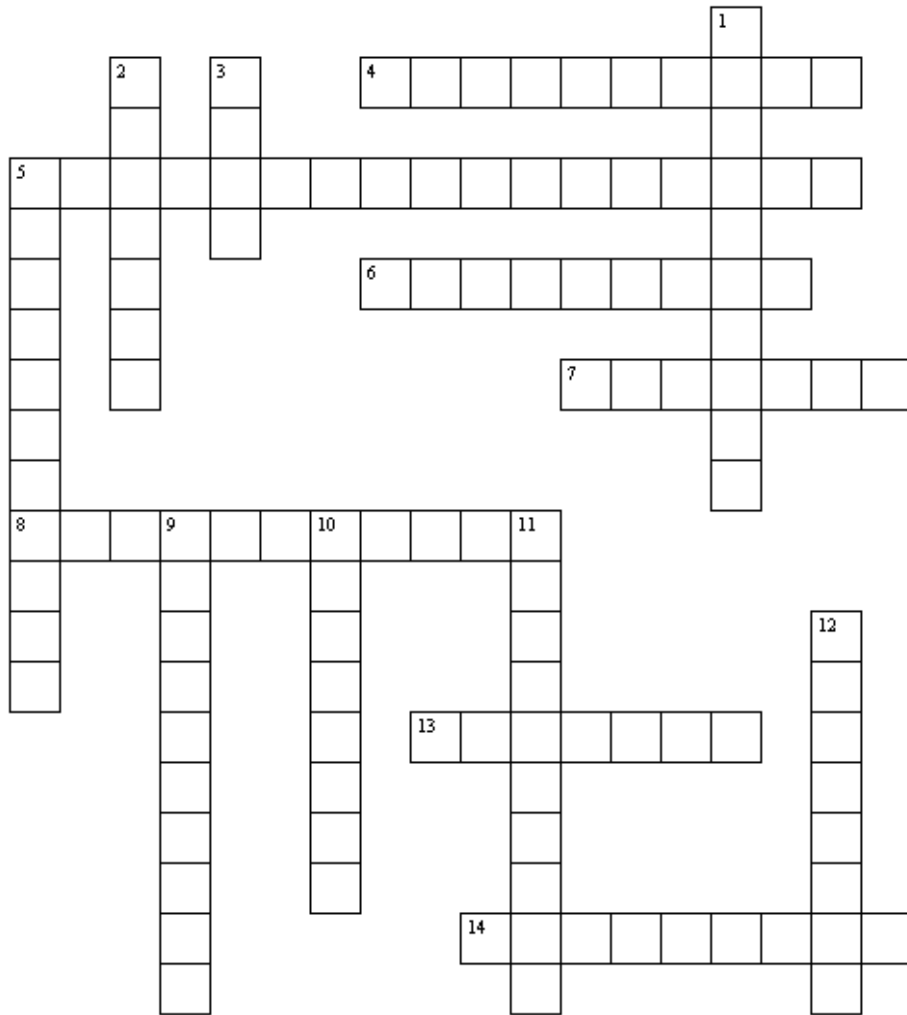


Brain-y Crossword

Use the Dana Alliance's 'Mindboggling' booklet series and "Q&A: Answering Your Questions About Brain Research," available at www.dana.org, to solve this BRAIN-Y crossword puzzle!



ACROSS

4. One of the most prevalent neurodegenerative disorders that greatly reduces a person's memory.
5. The general name for the chemicals that are released by one neuron and taken up by another.
6. The branches of a neuron on which information is usually received.
7. You have more than 100 _____ neurons. (spell out the number)
8. An area of the brain located deep inside the brain and involved in memory.
13. What does the "I" in MRI stand for?
14. The part of the brain that connects directly with the spinal cord and is responsible for some of the automatic functions of the body.

DOWN

1. The tennis ball-sized area at the back of the brain responsible for balance and movement, as well as some types of memory.
2. The nerve cells in the brain.
3. The long, tail-like branch that extends from a neuron's cell body and transmits information.
5. The exploration of ethical issues surrounding advances in neuroscience.
9. The brain's ability to adapt and rewire its synaptic connections.
10. The area of the brain involved with emotions, especially fear, anger, and happiness.
11. The pathway for nerve signals to and from the brain. (two words, no space)
12. The junctions where neurons make connections to one another.

Answer Key: Brain-y Crossword

ACROSS:

4. Alzheimer's
5. neurotransmitters
6. dendrites
7. billion
8. hippocampus
13. imaging
14. brainstem

DOWN

1. cerebellum
2. neurons
3. axon
5. neuroethics
9. plasticity
10. amygdala
11. spinal cord
12. synapses