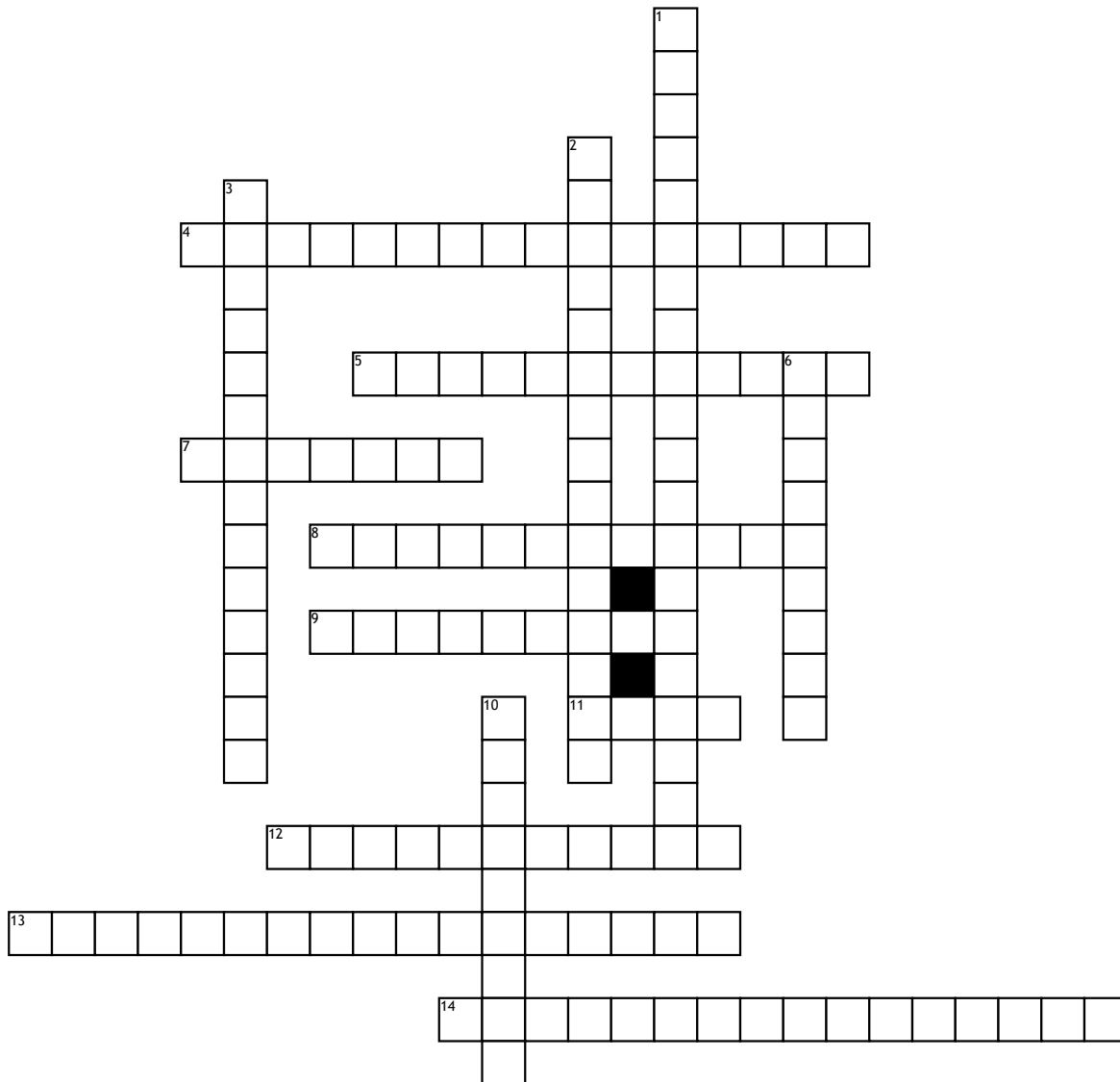


Neuron Review Crossword



Across

4. Positive-outside negative-inside state.
5. A layer of fatty tissue that encases the fiber of some neurons. Also helps speed up neural impulses.
7. Junction between axon tip of the sending neuron and the dendrite or cell body of the receiving neuron.
8. Neurons that carry outgoing information from the central nervous system to the muscles and glands.
9. Receives messages from other cells. Very bushy and branchy.

11. Passes messages away from the cell body to other neurons, muscles or glands. Typically ends in terminal fibers.

12. Sodium is inside and potassium is outside. Occurs during action potential.

13. Chemicals that traverse the synaptic gaps between neurons.

14. The period immediately following stimulation during which a nerve is not responsive to additional stimulation.

Down

1. Neuron either fires or it doesn't.

2. A brief electrical charge that travels down an axon. Generated by the movement of positively charged atoms in and out of channels in the axon's membrane.

3. Neurons that carry incoming information form the sensory receptors to the central nervous system.

6. The level of stimulation required to trigger a neural impulse.

10. Potassium is inside and sodium is outside. Occurs during resting potential.