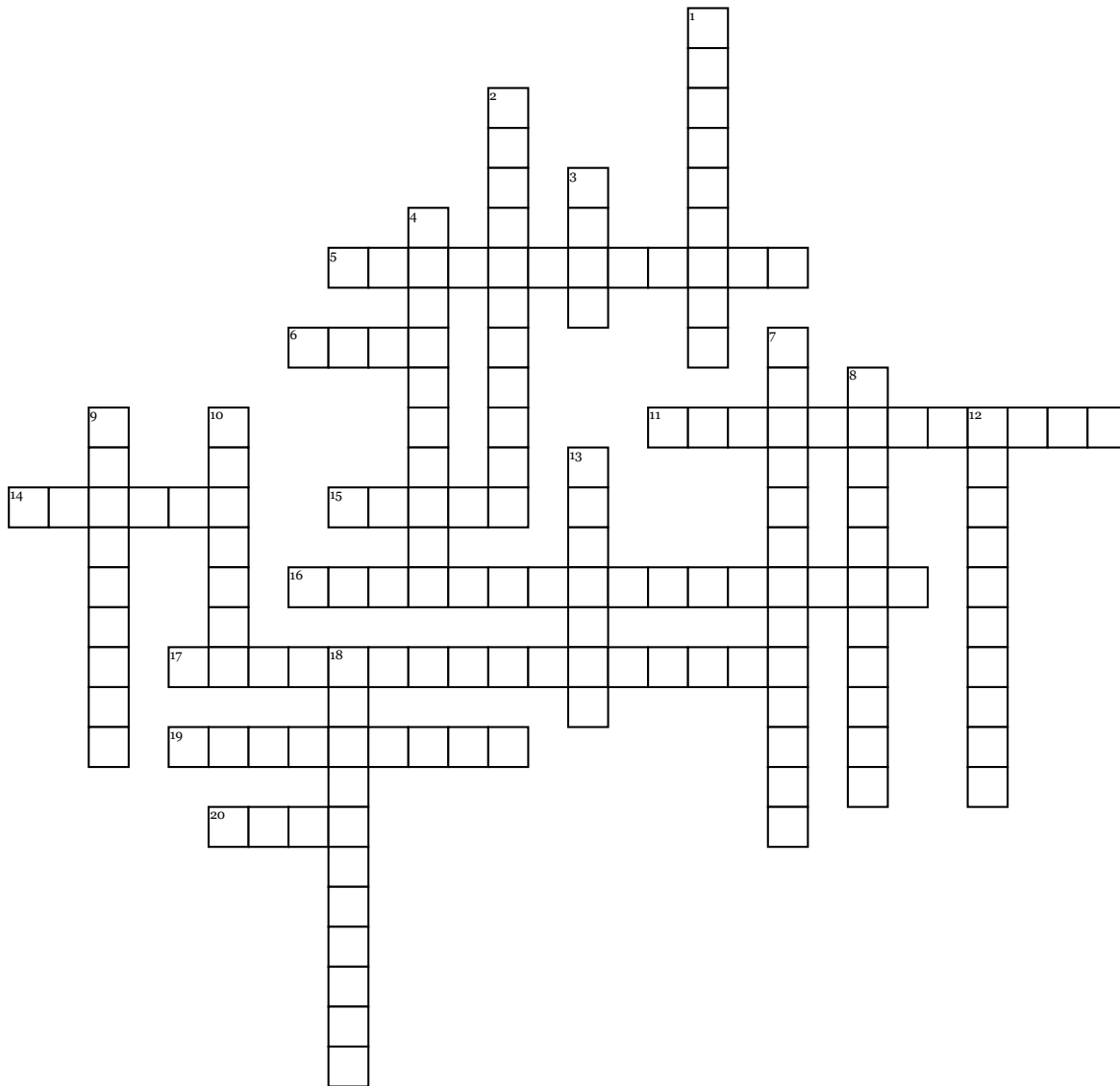


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Anatomy of a neuron



## Across

- 5.** this starts as an electrical impulse, travels down a neuron and results in the release of a neurotransmitter at the synaptic knob
- 6.** This part of the nerve contains the nucleus a
- 11.** Axons are intermittently covered with this, also makes impulse faster
- 14.** this consist of 3 main parts, dendrite, axon and the cell body
- 15.** These are neurons that take an impulse from the brain to the action place, also considered efferent
- 16.** the chemical that is released when a neuron is stimulated

- 17.** Golgi complex packages the neurotransmitter in secretory vesicles called this

- 19.** This part of the nerve receives information

- 20.** Carries nerve impulse away from the body of the neuron

## Down

- 1.** Bundles of axons

- 2.** concentration of myelinated axons

- 3.** Another name for the cell body

- 4.** concentration of dendrites, cell, cell bodies and are unmyelinated axons

- 7.** Travels along the axon as an electric current, jumps over the myelin sheath

- 8.** connective tissue surrounding an axon of an individual neuron

- 9.** cells that aid neurons in their functions

- 10.** these are neurons that bring impulses to the brain and spine, afferent

- 12.** This is what surrounds the entire nerve

- 13.** Junction formed by the neurons synaptic knob with another cell

- 18.** this is what surrounds fascicles