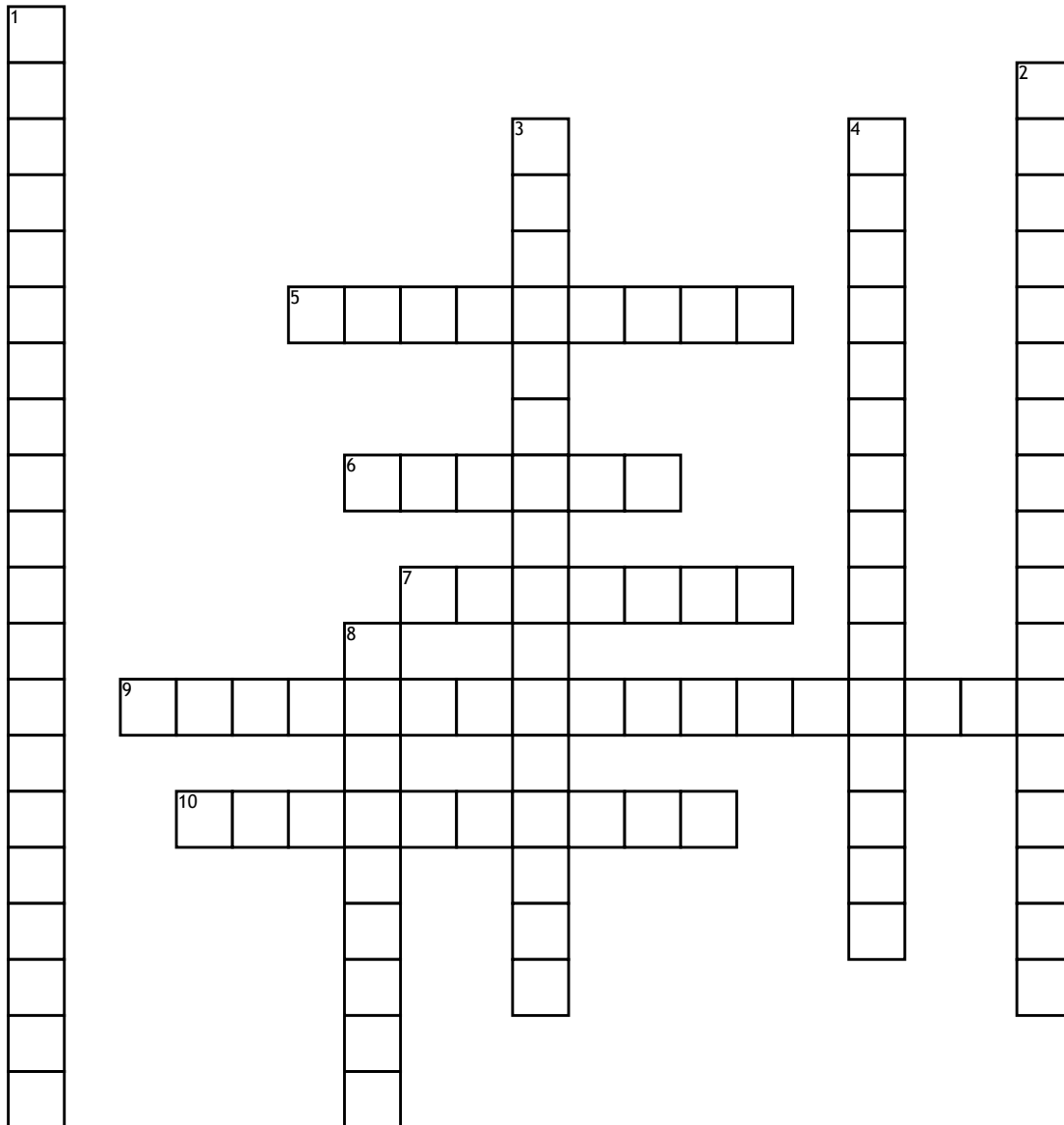


Name: \_\_\_\_\_

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

# Biology II: Module 5 Terms



## Across

5. One motor neuron and all the muscle fibers it innervates
6. The functional unit of the nervous system, a nerve cell
7. The interface between a neuron and another cell
9. Stimuli of increasing strength that create more action potentials along more neurons
10. The state of partial contraction in a muscle, even when the muscle is not being used

## Down

1. A stimulus too small to create an action potential in a neuron
2. A stimulus strong enough to create one action potential in a neuron
3. A chemical released by a neuron, which diffuses across the synaptic cleft, enabling the neuron to communicate with another cell.
4. A stimulus that is strong enough to create action potentials on all motor neurons to a particular muscle
8. The repeating unit of a myofibril