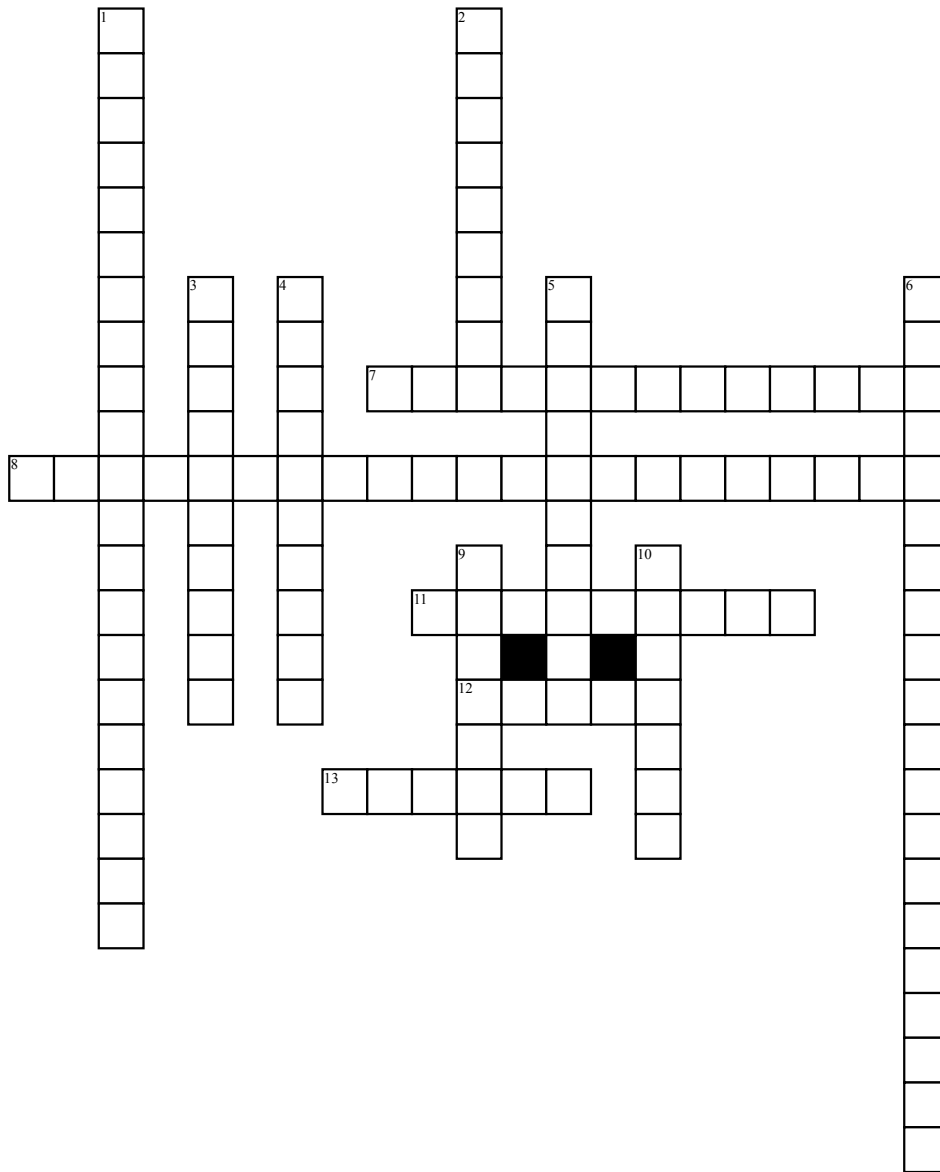


Muscular System Crossword



Across

- 7.** A type of neurotransmitter, which is a biochemical secreted at axon ends of a many neurons; transmits nerve messages across synapse
- 8.** Explains the mechanism of muscle contraction based on muscle protein that slide past each other to generate movement
- 11.** Muscles that assist the action of a prime mover
- 12.** The cross bridges grab hold to these proteins and pull them across

- 13.** Proteins with cross bridges on the ends

Down

- 1.** Membranous network of channels and tubules of a muscle fiber, corresponding to the endoplasmic reticulum of other cells
- 2.** The structural and functional units of a myofibril
- 3.** Contractile fibers in muscle cells
- 4.** A muscle that opposes a prime mover

- 5.** The amount of oxygen required after physical exercise to convert accumulated lactic acid to glucose
- 6.** An enzyme that catalyzes breakdown of Acetylcholine
- 9.** The functional connection between the axon of a neuron and the dendrite or cell body of another neuron or the membrane of another cell type
- 10.** Muscle responsible for a body movement. Also called a prime mover