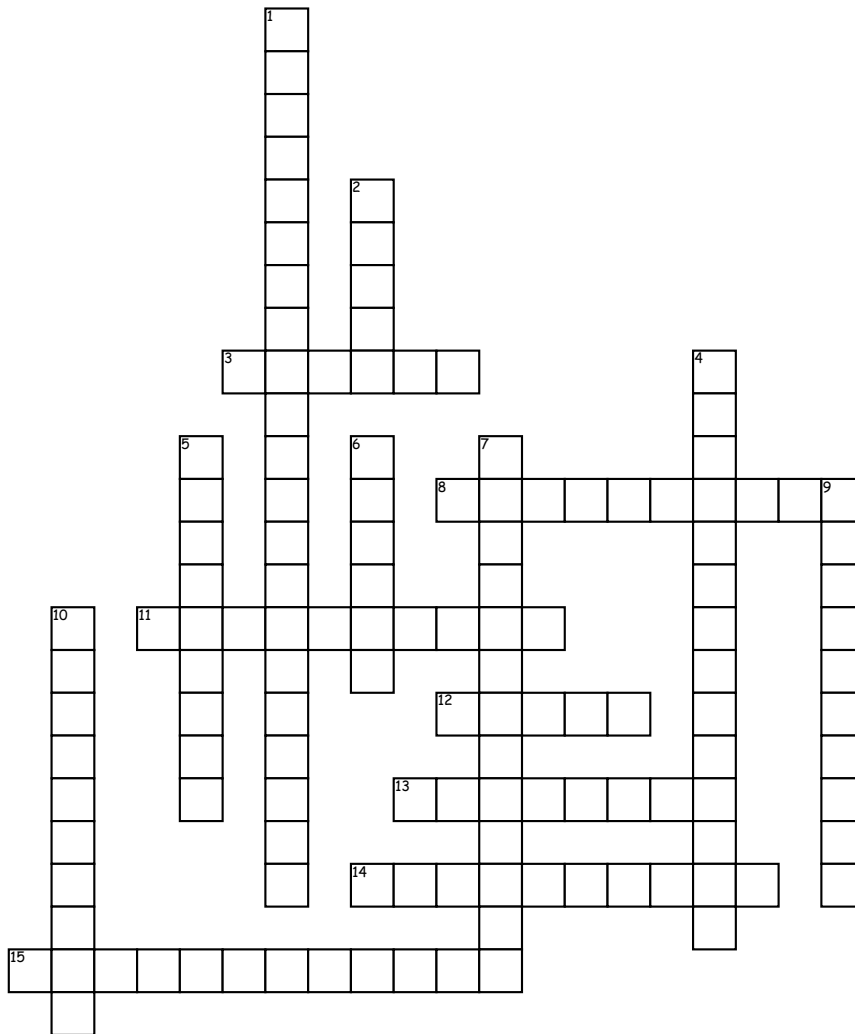


Muscular System Crossword



Across

- 3.** String, threadlike filaments which compose muscle cells
- 8.** The specialized cytoplasm of a muscle cell
- 11.** A protein which holds together active filaments
- 12.** A thin filament protein
- 13.** Extensions of the cell membrane which penetrates into the centre of skeletal and cardiac muscles
- 14.** A cell which contains several nuclei and many mitochondria

Word Bank

Epimysium
Z line
Fibers
Cardiac Muscle
Sarcolemma

- 15.** A type of involuntary muscle

Down

- 1.** The mechanism of muscle contraction based on muscle proteins that slide past each other to generate movement
- 2.** A disk which separates one sarcomere from the next
- 4.** A muscle which allows the body to be supported and allows movement in the limbs and other parts of the body

Actin
Tendon
Sarcoplasm
Muscle Cell
Smooth Muscle

- 5.** Connective muscle sheath which surrounds each muscle
- 6.** The structure which attaches a bone to muscle
- 7.** A type of muscle tissue which is only found in the heart
- 9.** Contractile organelles of skeletal muscle cells
- 10.** The specialized plasma membrane of muscle cells

Myofibrils
Sliding Filament Theory
Dystrophia
Skeletal Muscle
T Tubules