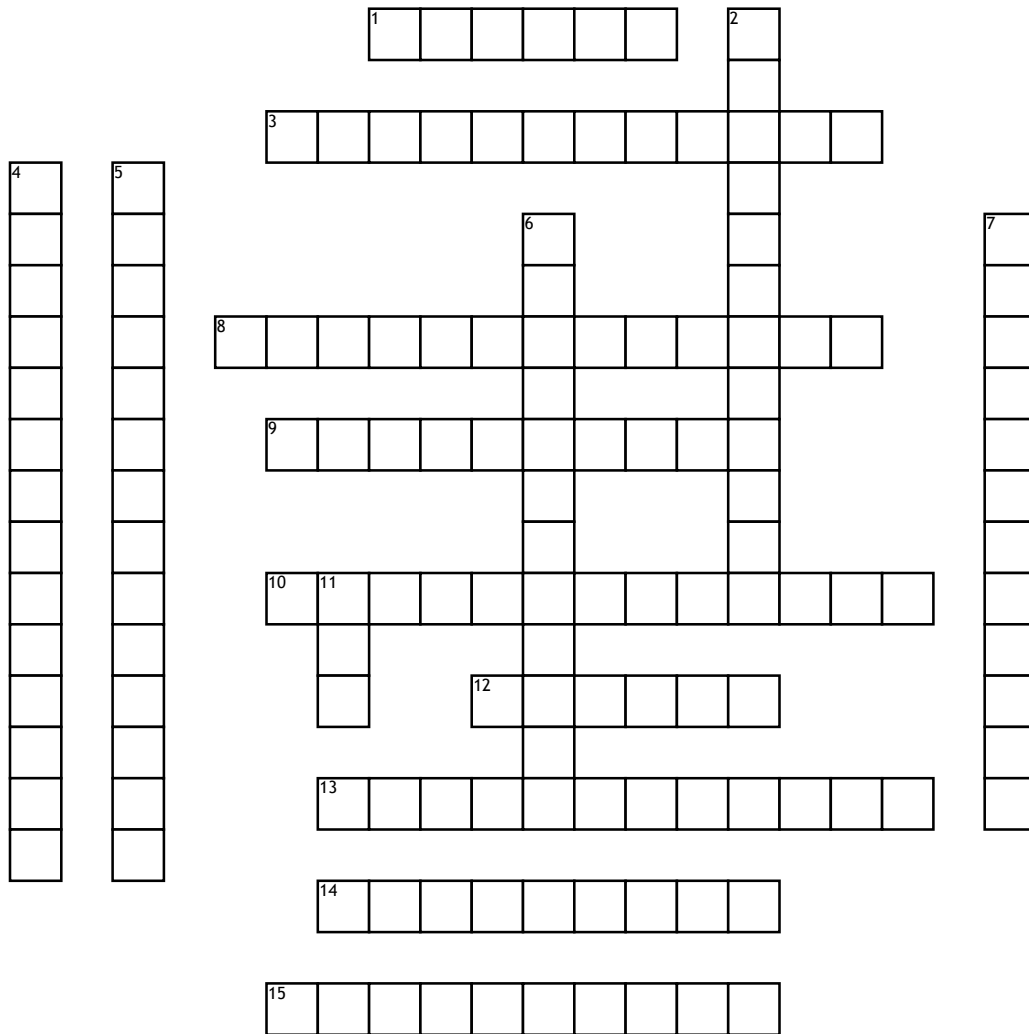


Name: _____

Date: _____

Muscle System



Across

- 1. An organ that is made up mainly of cells and has the ability to contract
- 3. A system in the human body that includes Muscles and Tendons
- 8. Made of many bonded units of myosin
- 9. Fibers that are very slow in their reaction
- 10. A type of muscle that is only in the heart and causes the heart to beat

- 12. A tissue that connects bone to muscle
- 13. A type of muscle that is found in the walls of some organs
- 14. An organelle that allows muscles to contract
- 15. A natural condition in which the skeletal muscle stays partially contracted at all times

- 5. A type of tissue that is connected to bone and is under voluntary control.
- 6. Made of three proteins: Actin, Tropomyosin, and Troponin
- 7. Faster fibers that are faster than Type I fibers. They are broken into two groups, A and B
- 11. A type of energy

Down

- 2. Nerve cells that control skeletal muscles
- 4. Weakest of all muscles

Word Bank

- | | | | | |
|----------------|-----------------|---------------|----------------|----------------|
| ATP | Skeletal Muscle | Muscle | Cardiac Muscle | Tendon |
| Type II Fibers | Muscle System | Myofibril | Muscle Tone | Type I Fiber |
| Thin Filament | Visceral Muscle | Motor neurons | Smooth Muscle | Thick Filament |