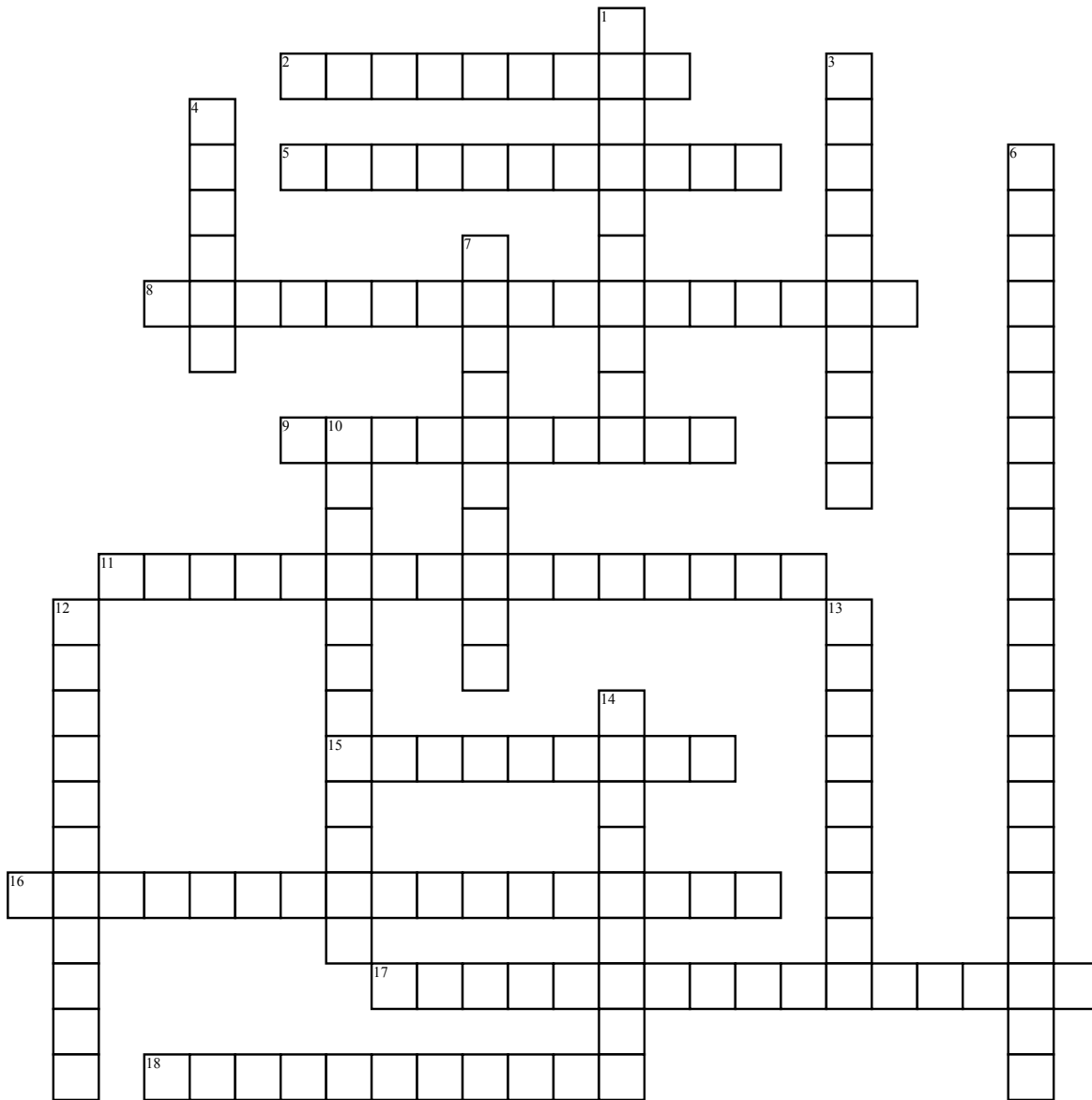


# Muscular System



## Across

2. What is known as a package of muscle fibers, these are packed together tightly in a transverse section.  
(<https://study.com/academy/lesson/skeletal-muscle/>)
5. Skeletal muscle fibers or cells are composed of hundreds or more contractile organs called what?  
(<https://study.com/academy/lesson/skeletal-muscle/>)
8. Also called the kissing muscle, this muscle causes the lips to close and pucker. A sphincter muscle circling the mouth.  
([http://www.innerbody.com/image\\_musfov/musc4](http://www.innerbody.com/image_musfov/musc4))
9. During a contraction, this helps to hold cardiac muscle fibers together.  
(<https://www.healthline.com/health/cardiac-muscle/>)
11. These muscles help protect the vital organs of the body.  
(<http://www.hsinfo.com/the-top-5-muscular-syst>)
15. While less movable ends are called origins, more movable ends are called what? (pg. 312)

16. In this system, smooth muscle is vital in maintaining flow of oxygen and blood pressure within the body.

(<https://biologydictionary.net/smooth-muscle/>)

17. Connecting the shaft of the humerus to the ulna, this is the strongest flexor of the elbow. A Large muscle beneath the biceps brachii.

([http://www.innerbody.com/image\\_musfov/musc4](http://www.innerbody.com/image_musfov/musc4))

18. This transfers stimulation from one cardiac cell to the next when one cardiac muscle is stimulated to contract.

(<https://www.healthline.com/health/cardiac-muscle/>)

## Down

1. Separating the muscle tissue in to small sections, this tissue extends from the epimysium inward. (pg. 293)

3. This plasma membrane covers each muscle fiber.

(<http://www.ivyroses.com/HumanBody/Muscles/>)

4. When different body parts or limbs move, Bones and muscles move together like simple mechanical devices. (pg. 310)

6. Necessary for muscle contraction, this stores calcium ions.  
(<http://www.ivyroses.com/HumanBody/Muscles/>)

7. Activating contraction, these bind to calcium ions released when cells are stimulated. (pg. 309)

10. With this muscle cell property, your muscles have the ability to respond to something stimulating, this could be from a hormone or a motor neuron.  
(<https://content.byui.edu/file/a236934c-3c60-4fe9>)

12. These are patterns of repeated and spontaneous contractions. (pg. 308)

13. Closely surrounding the skeletal muscle is this layer of connective tissue. (pg. 293)

14. Smooth muscles primarily aid in what?  
(<http://www.hsinfo.com/the-top-5-muscular-syst>)