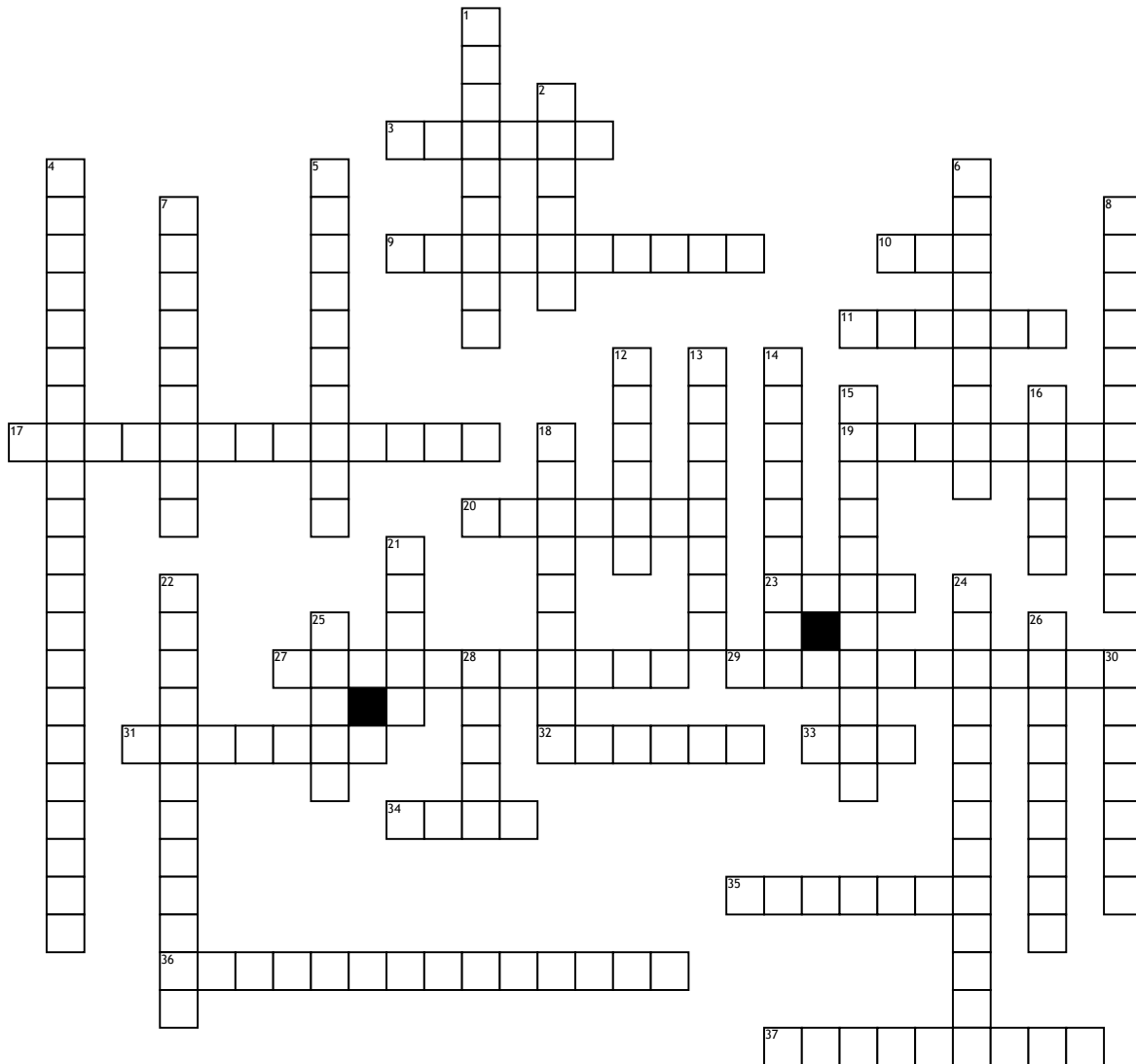


# SCBIO1020 Musculoskeletal System Crossword



## Across

3. A sarcomere is defined as the section of fibre between  
 9. Most common bone cell  
 10. Spongy bone contains marrow. Which type of marrow is responsible for the production of blood cells?  
 11. Muscles are held in place and covered by?  
 17. \_\_\_\_\_ joints are the connection between bones made of cartilage, are slightly moveable  
 19. Highly movable joints  
 20. Bone that encases the brain  
 23. Bones that enclose the chest cavity  
 27. Foot bones  
 29. Finger bones  
 31. \_\_\_\_\_ joints are held together by a ligament, mostly immovable  
 32. Bone tissue is made up of compact and \_\_\_\_\_ bone

33. The energy source for muscle contractions is

34. The humerus is a type of \_\_\_\_\_ bone  
 35. Type of muscle that makes up the heart  
 36. The A band in a myofibril is an area of  
 37. Toe bones

## Down

1. Ring-like muscle that tightly constricts the opening of a passageway  
 2. Narrow band of nonelastic, dense, fibrous connective tissue that attaches muscle to bone  
 4. What is the skeletal muscle version of the endoplasmic reticulum called?  
 5. The connective tissue that surrounds individual fibres is  
 6. Movement of a limb toward the midline of the body  
 7. Movement of a limb away from the midline of the body

8. This type of bone cell regulates calcium and phosphate concentrations in blood

12. The thick filaments of a muscle fibre are called  
 13. The knee cap is a \_\_\_\_\_ bone  
 14. Bones that make up the spine  
 15. Bone cells that produce new none matrix  
 16. One of the lower leg bones  
 18. The middle part of a long bone is the  
 21. The \_\_\_\_\_ skeleton forms the longitudinal axis of your skeleton and includes your skull, vertebrae and ribs  
 22. Myofibrils are composed of individual  
 24. Circular movement at the far end of a limb  
 25. Upper leg bone  
 26. The functional unit of a muscle is the  
 28. The thin filaments within a muscle fibre are called  
 30. Bone that ribs attach to