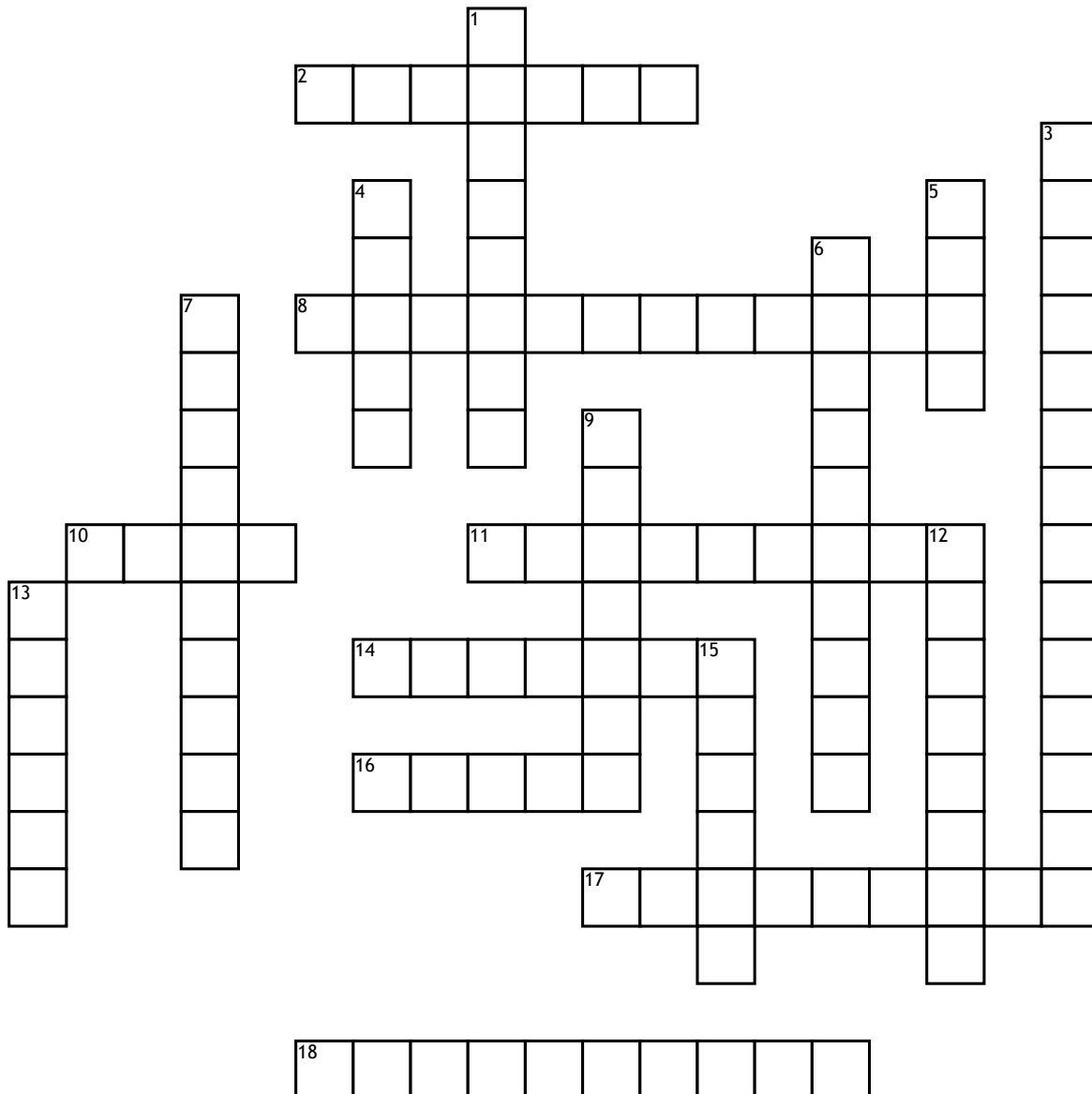


Joints of the Skeletal System



Across

2. the muscular system's second function is the maintenance of _____ and body position.

8. _____ is the process in which a muscle becomes or is made shorter and tighter.

10. An action potential occurs when a neuron sends information down an _____, away from the cell body.

11. Cardiac muscle _____ the heart to pump blood.

14. _____ control the contraction of muscles.

16. Muscles attach to _____ directly or through tendons or aponeuroses.

17. the _____ of the cell is the sarcoplasm.

18. _____ are organelles within the muscle cell that contain thick and thin myofilaments.

Down

1. The skeletal muscle is a form of _____ muscle tissue

3. The main function of the _____ is movement.

4. Cardiac muscle tissue is an extremely specialized form of muscle tissue that has evolved to pump _____ throughout the body.

5. The cardiac muscle makes up the bulk of the heart's _____.

6. The endomysium is the _____ tissue surrounding individual muscle fibers

7. Smooth muscle generally forms the _____ tissue of blood vessels.

9. Most skeletal muscles are attached to bones by bundles of collagen fibers known as _____.

12. action potential generation in skeletal muscle cells the sarcolemma is the plasma membrane of the _____ muscle.

13. One of the types of muscle tissue in the body

15. _____ muscle generally forms the supporting tissue of blood vessels