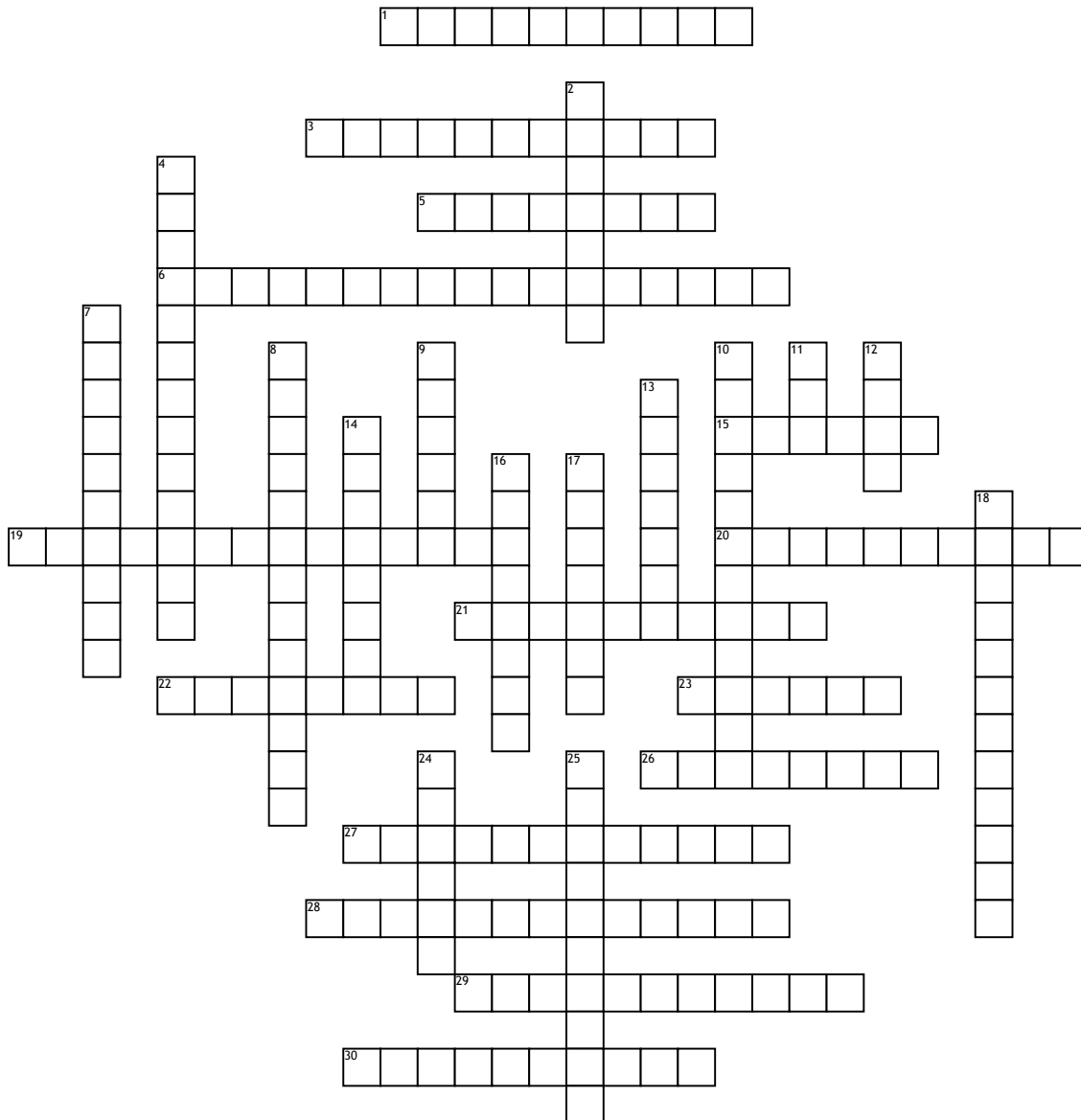


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Muscular System



## Across

1. What muscle relaxes when the others contract?
3. What nerve sends the signal to the muscle to contract?
5. Which muscle fibers would you find in the abdominal muscles?
6. What are the tubes that run throughout the muscles?
15. What type of muscle is found inside intestines and muscles of inspiration?
19. What is the neurotransmitter that degrades ach and ends muscular contraction?
20. What wraps around muscle fibers?
21. What membrane wraps around fascicles?
22. Which type of muscle is voluntary?
23. What connects muscle to bone?

26. What contains either chol or ach?

27. What contains actin and myosin?
28. What gives the muscles the ability to shorten lengthwise?

29. Where is ATP produced?

30. What is membrane on the bone?

## Down

2. What contains DNA?
4. What is the neurotransmitter that causes muscular contraction?
7. Which muscle is most responsible for movement?
8. What gives the muscle the ability to stretch and return to its original length?
9. What is the first layer of connective tissue?
10. What are the small cylinder shapes within fascicles?
11. What refers to muscle?

12. What refers to a cell?

13. What is the study of muscles?

14. What muscle aids the prime mover?
16. What type of muscle is responsible for movement?

17. What type of muscles are only found in the heart?

18. What is the powerhouse of the cell?

24. Which muscles are not striated?

25. What gives the muscle the ability to regain its original shape after being stretched?