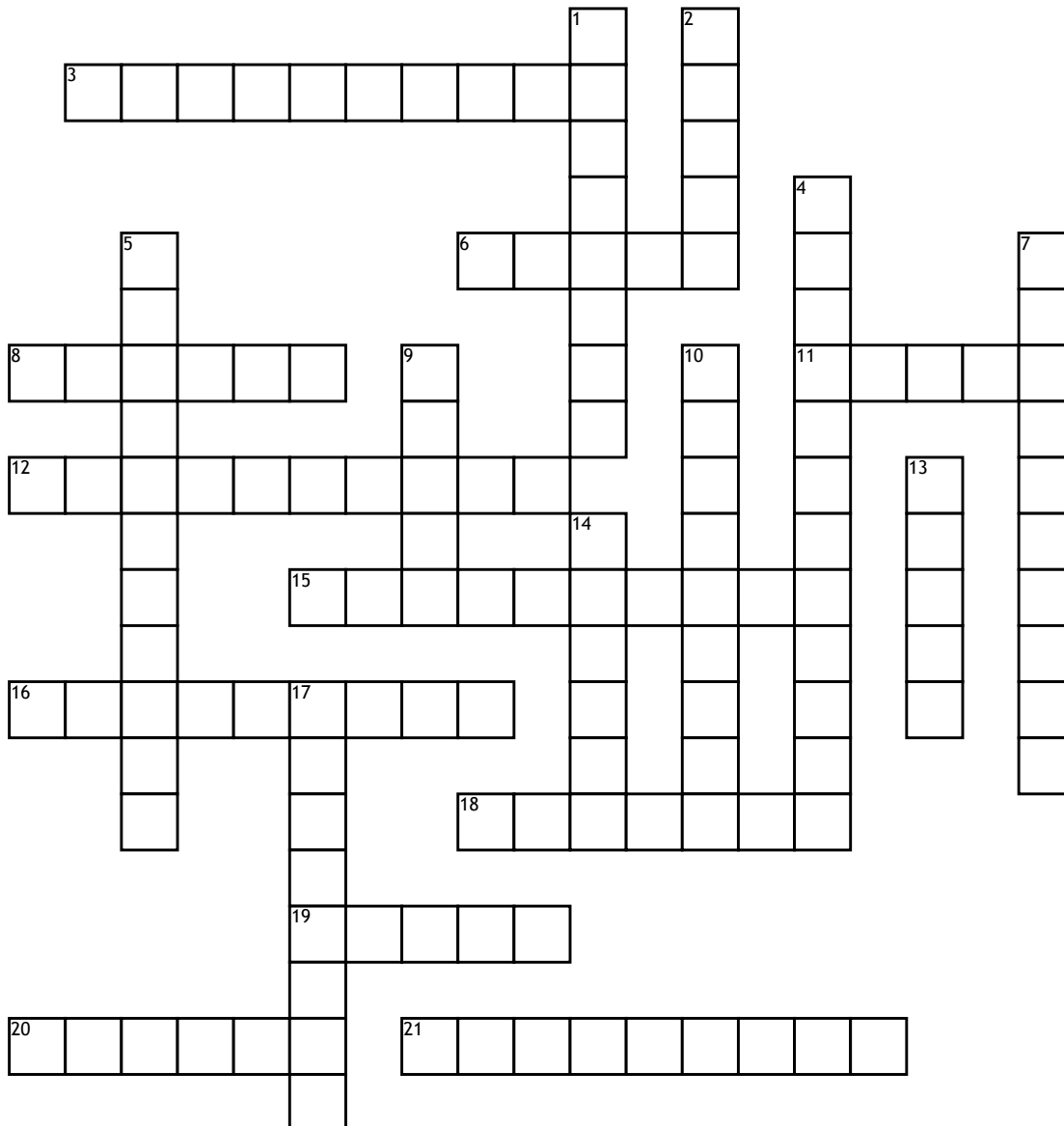


Name: \_\_\_\_\_

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

# The Muscular System



## Across

- 3. the cell membrane
- 6. marks the junction of actin filaments
- 8. tough band of fibrous connective tissue
- 11. one muscle cell covered by endomysium
- 12. a cytoplasm of striated muscle cells
- 15. connective tissue surrounding individual muscular fibers
- 16. Fibrous elastic tissue surrounding a muscle

- 18. a set of nerve or muscle or other fibers running close together in parallel
- 19. actin and myosin are located here
- 20. responsible for all body movement
- 21. functional unit of myofibril

## Down

- 1. a bundle wrapped in perimysium
- 2. contains only myosin
- 4. protein threads with actin and myosin

- 5. when a muscle becomes shorter or tighter
- 7. connective tissue surrounding a bundle of muscle fibers
- 9. actin only
- 10. striated muscle cells
- 13. a protein that forms together with myosin
- 14. protein that forms with actin
- 17. marks of transverse dark or light bands