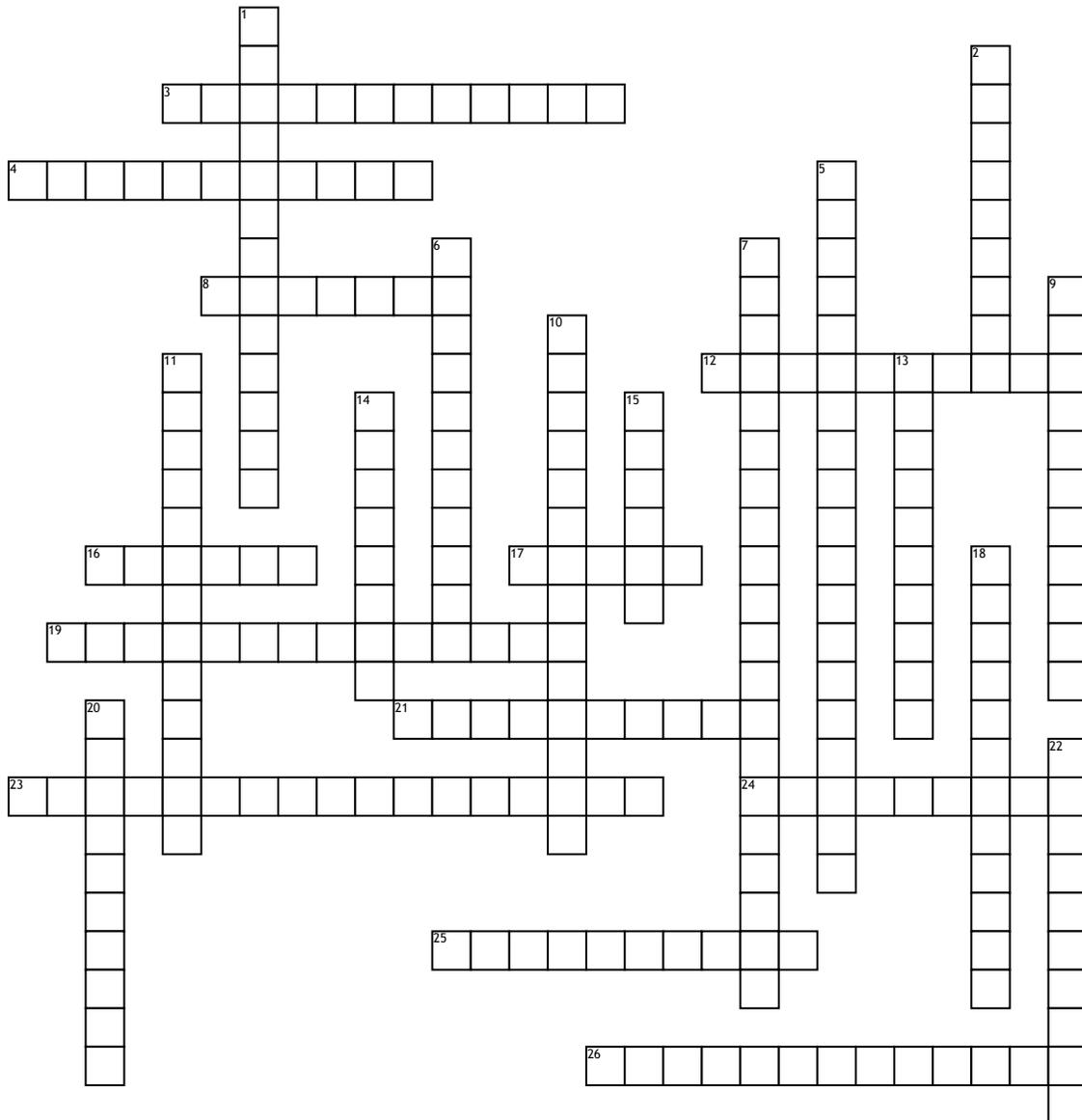


Name: _____

Date: _____

Skeletal, Muscular and Integumentary System



Across

- 3. made up of keratin
- 4. Responsible for bone growth and uptake of minerals from the blood.
- 8. skeletal muscles are joined to bones by tough connective tissue called
- 12. tough, fibrous membrane that covers and protects the outer surfaces of bone
- 16. each myofibril contains thick filaments of a protein called
- 17. each myofibril contains thin filaments of a protein called
- 19. voluntary and striated; attach to bones and control conscious movement
- 21. skeletal muscle cells are filled with tightly packed filament bundles called
- 23. fast twitch; not as many mitochondria

- 24. outer layer of the skin
- 25. a soft connective tissue that produces blood cells
- 26. found only in heart and is specialized to help pump blood throughout the body

Down

- 1. consists of the skull, vertebral column, and the rib cage
- 2. connective tissue found in many areas of the body
- 5. when one muscle in the pair contracts, the other muscle in the pair relaxes
- 6. dissolve minerals in bone matrix and release them back into the blood.
- 7. consists of the bones of the arms, legs, pelvis and shoulder area

- 9. makes up the dense outer layer of bone
- 10. slow twitch; contains many mitochondria
- 11. produced by cells at the base of structures called
- 13. found inside bones and is lighter and less dense than compact bone
- 14. most serious type of skin cancer
- 15. beneath the epidermis
- 18. found in hollow organs of the body such as stomach, intestines, and around blood vessels
- 20. abnormal growth of cells in skin
- 22. Regulate mineral homeostasis