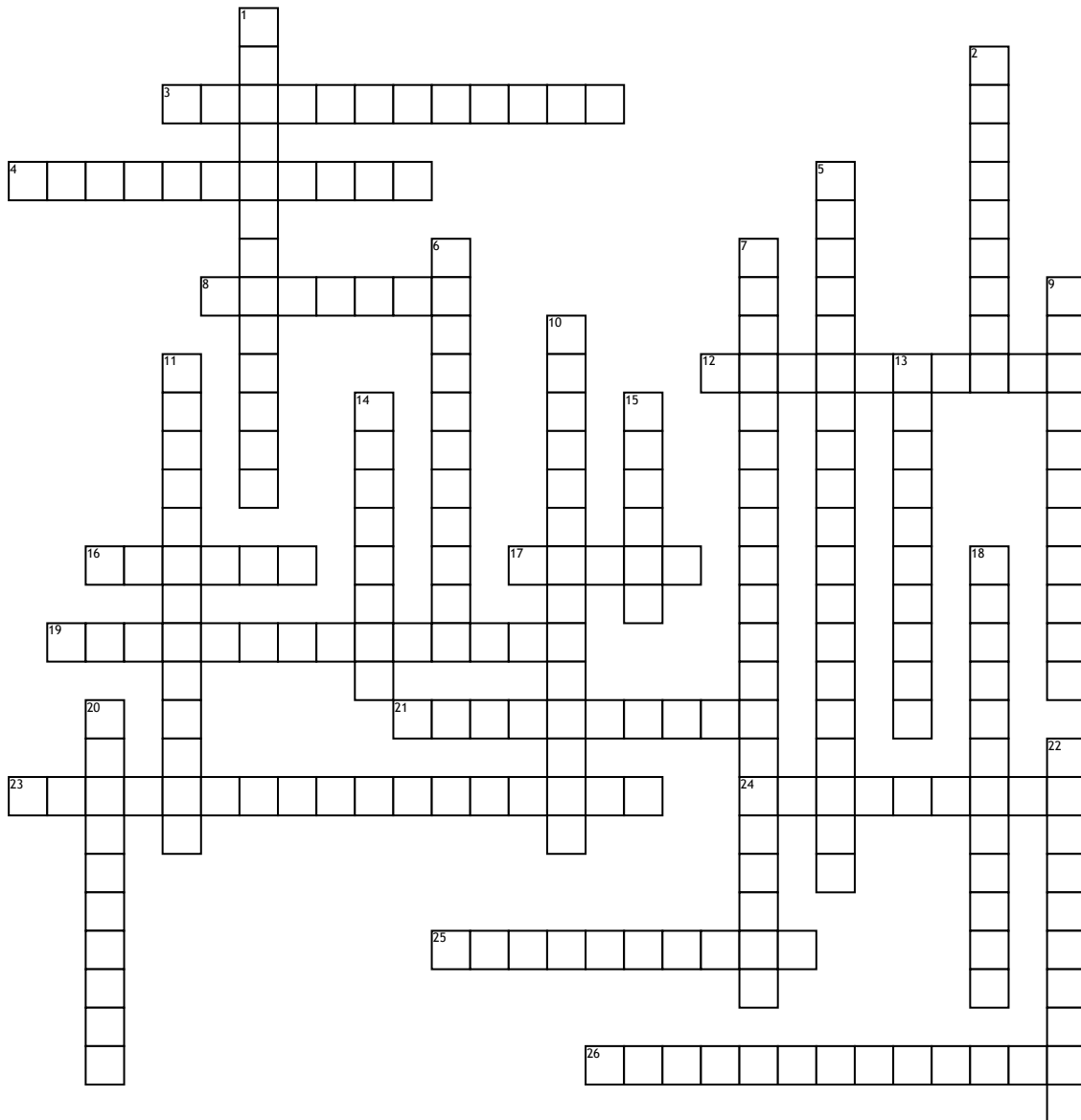


Name: _____

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