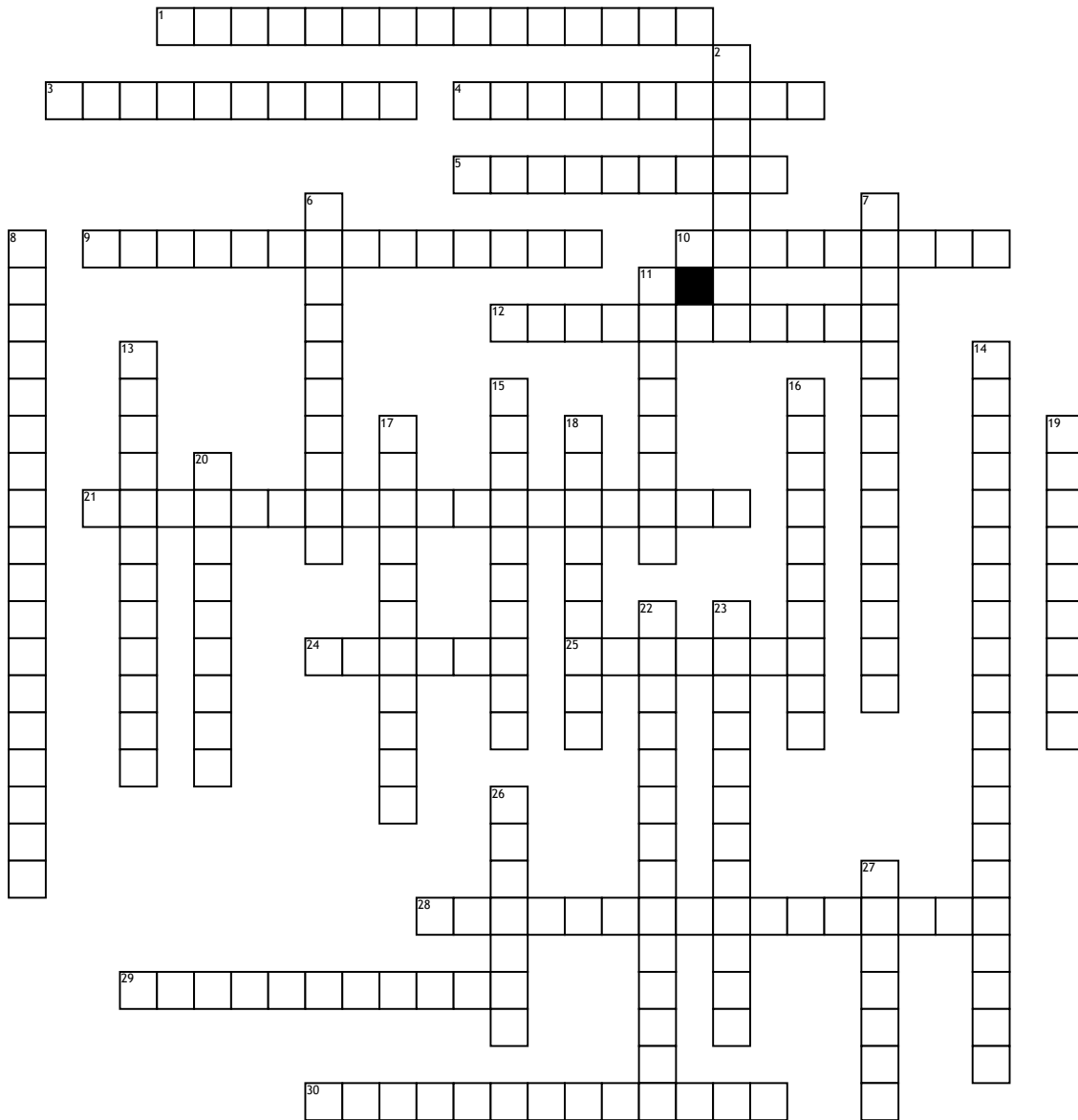


Tic-Tac-Toe Crossword



Across

- 1. a flat plate of hyaline cartilage
- 3. bones protect soft body organs
- 4. composed of small needlelike pieces of bone and lots of open space
- 5. thin, flattened, usually curved. 2 thin layer of compact bone with a layer of spongy bone between them
- 9. fibrous cords that bind the bones together at joints
- 10. confined to the cavities of spongy bone, flat bones and the epiphysis of some long bones
- 12. dense, smooth, and homogeneous
- 21. covers external surface, provides a smooth, slippery surface that decreases friction at joint surfaces
- 24. each complex consisting of central canal and matrix rings
- 25. bones form framework of the body which support and anchors all soft organs together

- 28. runs into the compact bone at right angles to the shaft
 - 29. secure periosteum to the underlying bone
 - 30. the bones that form the longitudinal axis of the body
- Down**
- 2. skeletal muscles, attach to bones by tendons, use bones as levers to move the body and its parts
 - 6. form a transportation system that connects all bone cells to nutrient supply
 - 7. bones that do not fit
 - 8. occurs within marrow cavities of certain bones
 - 11. concentric circles
 - 13. surround blood vessels and nerve cells throughout bones and communicate with bone cells through canaliculi
 - 14. the bones of the limbs and girdles
 - 15. cube-shaped, contains spongy bone

- 16. found in tiny cavities, mature bone cells
- 17. a fibrous connective tissue membrane that covers and protects the diaphysis
- 18. ends of long bones, consists of a thin layer of compact bone enclosing an area filled with spongy bone
- 19. longer not wider, compact bone
- 20. makes up most of the bones length composed of compact bone
- 22. thin line of bony tissue spanning the epiphysis
- 23. reveal where muscles, ligaments, tendons, and ligaments were attached and where blood vessels and nerves passed
- 26. bone itself is a storehouse for minerals
- 27. arranged in concentric circles around central canals