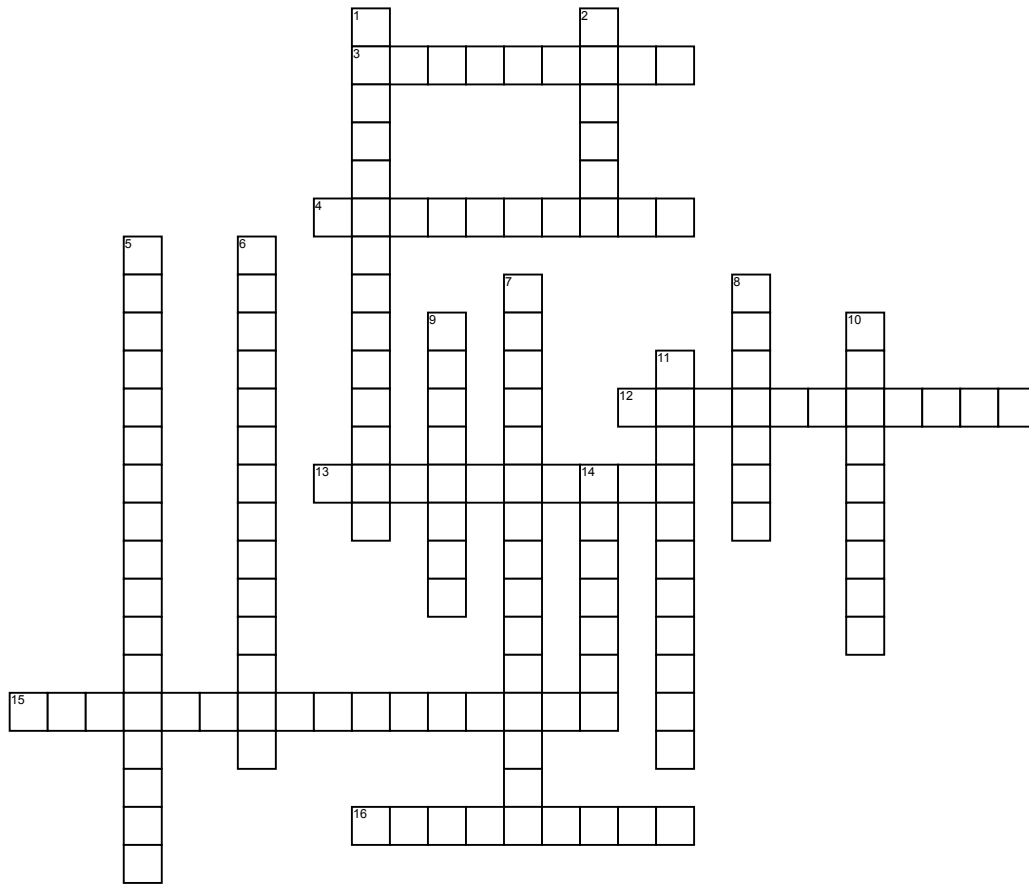


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Microscopic parts of the bone and cartilage



## Across

- 3. structural unit of compact bone
- 4. surface of the bone
- 12. bone destroying cells
- 13. Spongy, honey comb. flat pieces
- 15. Articular cartilages, Costal Cartilages, Respiratory Cartilages, Nasal Cartilages
- 16. Delicate connective tissue membrane covering internal bone surface

## Down

- 1. The periosteum is secured to the underlying bone by dense connective tissue called \_\_\_\_\_.
- 2. Internal spongy bone: provides shock absorbing quality
- 5. contain more elastic fibers, found in external ear and the epiglottis.
- 6. Complicated shapes, Vertebrae, coxal bones

- 7. Thick collagen fibers, has great tensile strength. Menisci of knee; vertebral discs
- 8. tiny tubes that run in the same direction
- 9. Thin, flat, slightly curved, Sternum, scapulae, ribs, most skull bones
- 10. connect blood supply and nerves
- 11. bone forming cells
- 14. small cavities

## Word Bank

diploe	hyaline cartilage	Fibrocartilages	Sharpey's fibers
osteoclasts	periosteum	lacunae	volkmann's
Elastic Cartilages	endosteum	lamella	trabeculae
osteoblasts	Haversian	irregular bones	flat bone