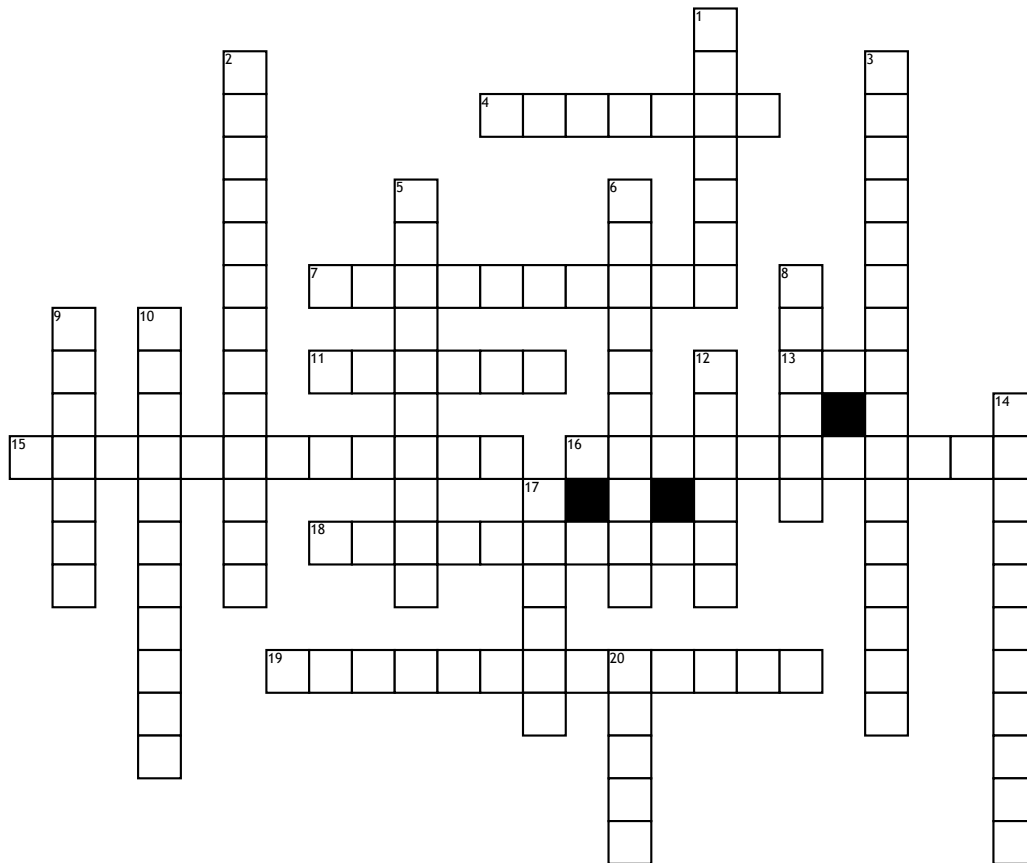


Name: _____

Date: _____

Skeletal Gross/Microscopic Anatomy



Across

4. Between what structure can the lacunae be found?

7. What cell exchanges nutrients/wastes with blood?

11. What type of bone lacks an haversian system?

13. The skeletal system can be divided into how many categories?

15. The upper, lower limbs and pelvic girdle belongs to the ____ skeletal group.

16. What is the anatomical term for red blood cell formation?

18. What is the release of enzymes that digest mineral components of the bone matrix?

19. Responsible for creating of red blood cells

Down

1. How are the lamellae arranged?

2. How many bones does an adult have?

3. Where are triglycerides stored?

5. What cell synthesizes the extracellular matrix of the bone tissue?

6. Cells that undergo cell division to be bone-building cells

8. What other terminology use to call the haversian system?

9. ____ bone is the strongest form of bone.

10. What cells builds the bone?

12. The canaliculi is found ____ the lacunae.

14. ____ regulates calcium levels.

17. What makes a spongy bone lighter?

20. The skull, vertebral column, thoracic cage, and hyoid bone belongs to the ____ skeletal group.

Word Bank

Osteoclasts

Two hundred six

Axial

Yellow bone marrow

Spaces

Osteoblast

Two

Around

Spongy

Columns

Red bone marrow

Osteon

Lamella

Compact

Osteocytes

Resorption

Hemopoiesis

Appendicular

Osteoblasts

Osteogenic