

<u>Across</u>

9. shaft composed mainly of compact bone

- **12.** the area between two adjacent z lines in a muscle cell
- **14.** layer of areular tissue
- **15.** dense connective tissue that
- attaches muscle to bone
- 16. a furrow or groove

18. a type of specialized connective tisse

19. thick filaments of proteinin a

muscle cell

20. thin filaments of protein in a muscle cell

- 21. connective tissue that attches bone
- to bone 23. a joint

26. articulation in which the bones are united by a thin layer of fiberous tissue27. layer of connective rings

28. small round process on a bone

- **29.** closed sacs with a synovial membrane lining
- memorane lining

30. center of shaft of long bone filled with yellow bone marrow

31. connective tissue consisting of fat cells

Down

1. process shaped like pulley on a bone

- **2.** a cavity with a bone
- 3. bones enclosed in a tendon
- 4. tiny cavitities between
- 5. found within cancellous bone
- 6. small canals in compact bonne
- 7. formation of bone by osteoblast

8. soft spot on top of a babys head10. rounded prominence found at the point of articulation

11. compact bone cointaining

capillaries

13. forms the outer layer oof the bone and is very dense

- 17. the electrically polarized muscle
- cell membrane

22. cells involved of bong tissue

24. freely moving joints or articulation

25. fiberous connective tissue