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Long Bones

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| **Across**  **3.** enlarged terminal part of bone near the center of the body  **6.** fundamental functional unit of compact bone; basic unit  **12.** dense bone were the bony matrix is filled with ground substance  **13.** thin layer or platelike tissue found in bone tissue  **14.** shaft or central part of a long bone  **15.** bone-forming cell  **17.** fatty bone marrow; found at end of long bones  **18.** central part of bone shaft where red and yellow bone marrow is stored  **19.** connective tissue that covers atricullar surface of bones  **20.** enlarged terminal part of bone further from body | **Down**  **1.** line of long bone where growth occurs  **2.** cavity or depression in bone  **4.** canals in bone through which blood vessels pass  **5.** hyaline cartilage plate at the end of a long bone  **7.** canal that runs through the spinal cord and ventricles of the brain  **8.** bone that is highly vascular and contains red marrow  **9.** dense layer of vascular connective tissue that envelopes long bones  **10.** mature bone cell  **11.** required for formation of red blood cells  **16.** cell that breaks down bone and is responsible for bone resorption |