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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Skeletal System

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| **Across**  **3.** The \_\_\_\_\_\_\_\_\_\_\_\_ skeleton is divided into six major regions.  **5.** a type of synovial joint.  **7.** a short band of tough, flexible, fibrous connective tissue that connects two bones or cartilages or holds together a joint.  **9.** The skeletal system is also susceptible to breaks, strains and \_\_\_\_\_\_\_\_\_.  **10.** The synovial (or joint) cavity is filled with synovial fluid.  **11.** a translucent bluish-white type of cartilage present in the joints, the respiratory tract, and the immature skeleton.  **13.** A softening and weakening of bones in children, usually due to inadequate vitamin D.  **15.** painful inflammation and stiffness of the joints.  **16.** found at the ends of long bones, as well as in the pelvic bones, ribs, skull, and the vertebrae in the spinal column.  **17.** type of cartilage found in ears, and epiglottis.  **18.** The main one is between the frontal and parietal bones. | **Down**  **1.** the cerebrospinal fluid-filled space that runs longitudinally through the length of the entire spinal cord.  **2.** dense layer of vascular connective tissue enveloping the bones except at the surfaces of the joints.  **4.** a cell that secretes the matrix for bone formation.  **6.** the shaft or central part of a long bone.  **8.** Red blood cells, platelets and most white blood cells arise in \_\_\_\_\_ marrow.  **12.** The \_\_\_\_\_\_\_ skeleton is the part of the skeleton that consists of the bones of the head and trunk of a vertebrate.  **14.**  large multinucleate bone cell that absorbs bone tissue during growth and healing. |