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

1. Label the “notable bones”
   1. Differentiate types of vertebrae and types of ribs
   2. Know “carpals” vs. “tarsals”
2. Five functions of the skeletal system (support, protection, movement, storage, hematopoiesis)
3. Axial vs. appendicular skeleton
4. 5 types of bones (long, short, flat, irregular, sesamoid)
5. Anatomy & physiology of a long bone (but not labeling on a diagram)
6. Growth and changes in the human skeleton
   1. Difference between children and adults
   2. Cartilage vs. bone
   3. Number of bones (206 vs. about 300)
7. Types of bone cells and their specialties
8. Where cartilage exists and that it is primarily in the joints
9. How to differentiate male and female by pelvic analysis
10. Joints
    1. Purpose of joints, ligaments, spongy bone, cartilage
    2. Classified functionally vs. structurally
    3. 6 types of synovial joints and examples
11. Problems & diseases of the skeletal system
    1. Types of fractures and difference between open/closed (simple/compound)
    2. Dislocation
    3. Bursitis
    4. Sprain
    5. Arthritis
    6. Osteomalacia
    7. Bone Cancer
    8. Scoliosis
    9. Osteoporosis

NOTE: Joint **types** are on the test (but joint **movements** are not on the test)

\* For example, “Saddle Joint” is on the test, but “Abduction” is not on the test