Skeletal System Notes

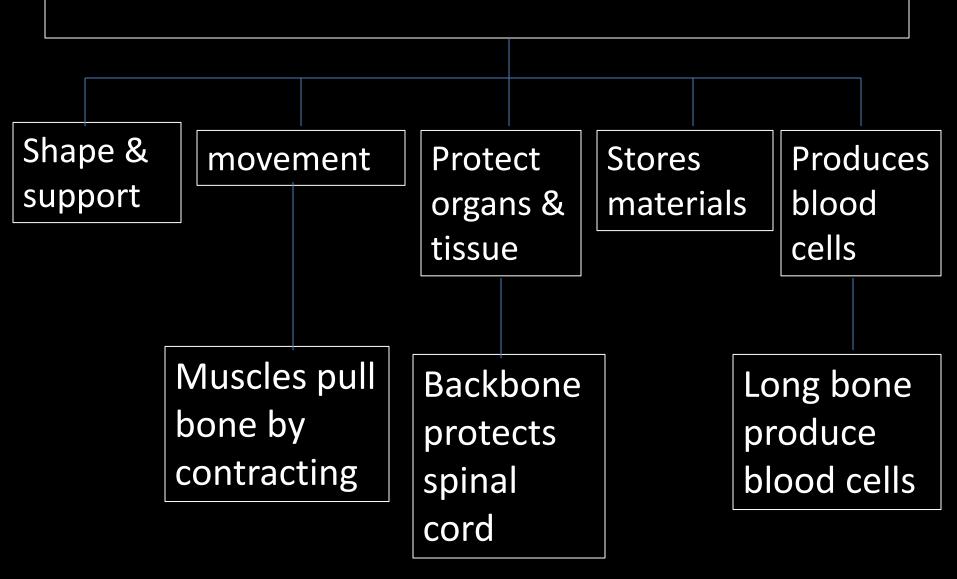
The Skeletal System

- Bones **206**
- Ligaments attach bone to bone
- Tendons attach bone to muscle

Cartilage

- Tough, but can bend & twist
- Many bones begin as cartilage/some remain
- Most bone is formed by 25

5 Functions of a Skeleton



Structure of Bone

- Living tissue (nerves, bone-forming cells, blood vessels)
- Hard (calcium & phosphorus)
- Longest bone (femur)
- Marrow (found in long bones)
 - 1. yellow: contains fat & blood vessels
 - 2. Red: makes blood cells

Structure of Bone

- Knobs at end spongy bone with latticelike structure which makes it strong without extra weight
- canals pipelines for blood vessels & nerves (bone needs food & oxygen)