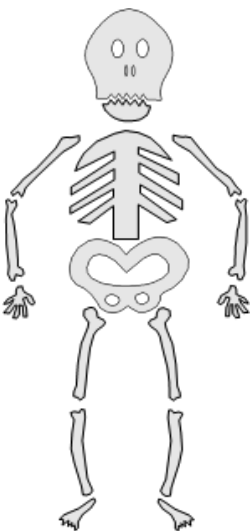


May 27, 2019

Chapter 20 Support and Movement
- The skeletal system



Warm - Up



206 is the number of bones in the human body.

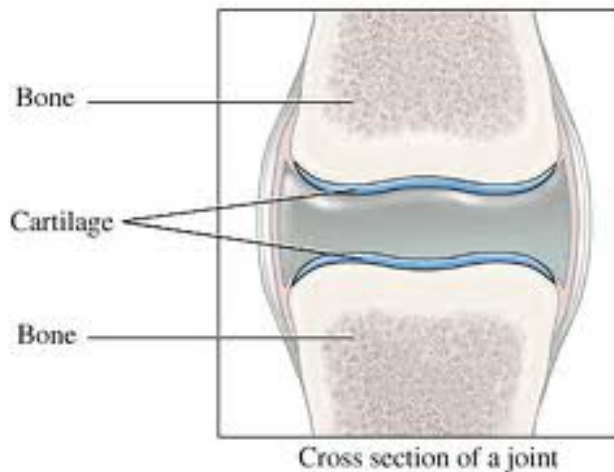
240 Sarah
204 Ethan
205 beta
Cory 206
Queszel 210
Griffin 216

Reminder Portfolio Projects are due Friday!!!

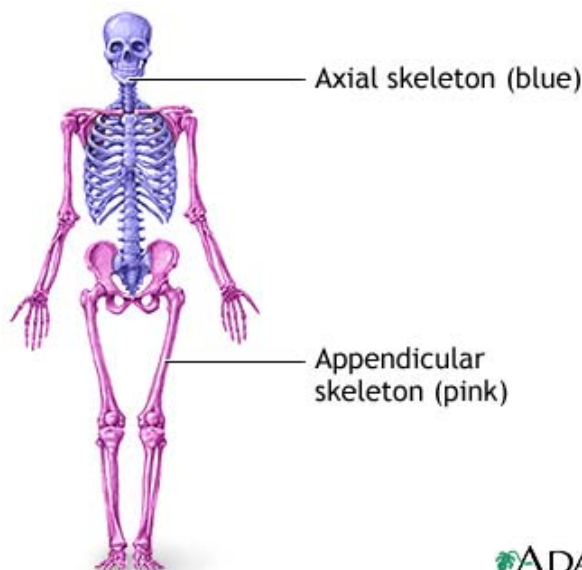
Chapter 20

The Skeletal and Muscular Systems

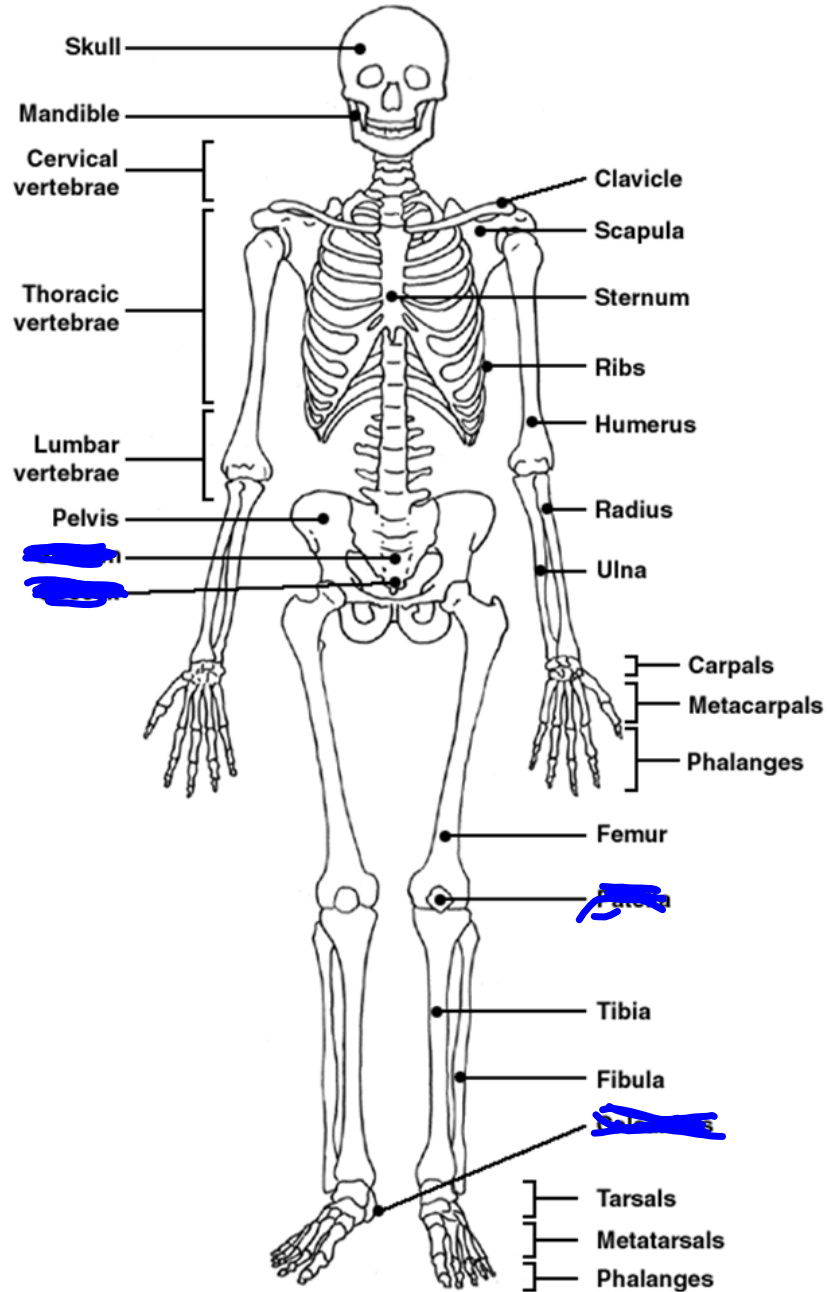
- The human body's skeleton is made up of two things
 - 1) bone
 - 2) cartilage
- Bone: very hard but slightly flexible tissue
- Cartilage: tough, very flexible tissue (such as ears and nose)



- The human skeleton can be divided into 2 main parts
 - 1) axial skeleton - made up of the vertebrae in your backbone, the skull and the rib cage
 - 2) appendicular skeleton - made up of shoulder, arm, pelvic, hip and leg bones

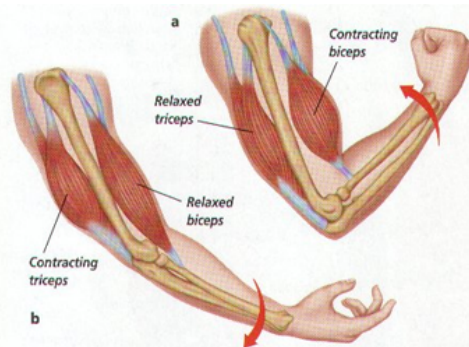


Bones in your Skeleton



What is the purpose of our skeleton?

- 1) It supports the body and gives it shape
- 2) It protects certain areas
e.g. skull protects brain, rib cage protects heart and lungs
- 3) The bones give a place for the muscle to attach to so you can move
- 4) Bones store minerals the body needs
- 5) Certain bones make blood cells

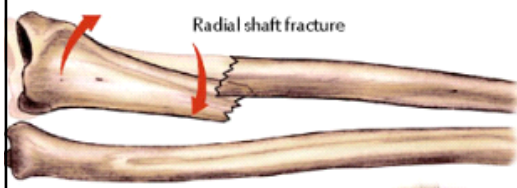


How is our Skeleton Formed?

- As a developing fetus, our skeletons are made up entirely of cartilage.
- Little by little, the cartilage is replaced by bone cells and calcium.
- After you are born, you continue growing as long as the cartilage on the end of your bones is being replaced with bone cells.

Problems of the Skeletal System:

- bones can break
- bones can develop arthritis (inflamed joints)
- bones can develop scoliosis (unusual curve of the backbone)



Complete Skeletal Worksheets
and
pg 345 #1,2,3