

Skeletal HW #1

Directions: Attach this HW to the appropriate ISN page. Answer the questions on the actual ISN page (which will be underneath this page).

Vocab: Define the terms listed below on this page. Highlight each term.

Achondroplasia

Osteoma

Osteomyelitis

Craniotomy

Osteoblast

Epiphyseal Plate

1. What is ossification? When does this process begin and end? Differentiate between males and females in your answer.
2. Your friend tells you that she has tiny cracks in her tibia called "shin splints". How will you politely tell her what shin splints really are?
3. Why is the tibia involved in the transfer of weight to the ankle and foot but not the fibula (analyze your books diagrams or your skeleton diagram)?
4. Why would an instructor teaching self-defense advise a student to strike an assailant's clavicle in an attack?
5. In order to settle a bet, you need to measure the entire length of your lower limb (from the proximal end of your femur to the distal end of your tibia/fibula). What visible landmarks (a.k.a) bone structures would you use to make the measurements? Use directional terms in your description. Review lower limb anatomy to make sure you get it right.