

# Skeletal HW #2

**[Directions]:** READ THESE!!! Attach this page to your ISN. Answer the questions in complete sentences under this handout on your actual ISN page.

**[Vocabulary]:** Define the terms listed below. Answer your vocabulary on this page.

*Osteitis -*

*Rickets -*

*Carpal Tunnel Syndrome -*

*Osteoarthritis -*

*Marfan's Syndrome -*

*Rheumatoid Arthritis -*

**[Questions]:**

1. Distinguish between a *strain* and a *sprain*.
2. Fred, a fireman, is fighting a fire in a building when part of the ceiling collapses and a beam strikes his left shoulder. He is rescued by friends, but he has a great deal of pain in his shoulder. He can't move his arm properly, especially in the anterior direction. His clavicle is not broken and his humerus is intact. What is the probably nature of Fred's injury?
3. Distinguish between rheumatoid arthritis and osteoarthritis with respect to cause and symptoms. What are the typical treatments for each disorder?
4. Where are the four major sutures of the skull located? A) Use directional terms and planes of dissection terms to explain their orientation. B) What type of joints are the suture lines called? C) Draw a diagram that shows the layout of each suture line.