

Name: _____

PSE 4U1

Date: _____

2.3 Bone Growth and Injury

Based on pages 29-31 of text

A. Bone formation: define the following

Ossification:

Bone remodeling:

Osteoblasts:

Osteoclasts:

Describe in your own words how bone growth occurs:

B. Fractures = bone breaks

	1. Simple Fracture	2. Compound Fracture	3. Comminuted Fracture	4. Stress Fracture
Sketch				
Description				
Causes				

C. Bone Disease and Aging

Define **osteoporosis**:

Summarize the 4 ways to help prevent osteoporosis:

Chapter 2: Skeletal System

Review topics

Section	Issues <i>Ways the course connects to the world around me...</i>	Concepts <i>Things I need to be able to explain are...</i>	Skills <i>Things I need to practice are...</i>
2.1 Bone Introduction	A. Growing bones and exercise in space B. Does drinking milk make your bones grow stronger? C. Article response assignment	A. What are the 5 functions of the skeletal system? B. Are bones living? C. What are bones made of? D. Axial vs. Appendicular Skeleton	A. Number of bones in the body/hand/feet B. Identify the 5 types of bones C. Understand the anatomy of a long bone
2.2 Learning the Bones			Identify the following bones including major landmarks: A. Cranium and face bones B. Vertebral Column C. Thoracic cage D. Scapula E. Humerus F. Radius and ulna G. Hand H. Pelvic girdle I. Femur J. Fibula and tibia K. Foot
2.3 Bone Growth and Injury		A. How does bone growth occur? B. How can bones break? C. What is osteoporosis and how can it be prevented?	A. Identify the types of fractures