

Name: _____

SKELETAL SYSTEM NOTES!

Highlight the following bones on the skeleton that Mr. Oles wants you to focus on.

The Skeletal System: Outline

I. Functions of the Skeletal System

- A. Provides shape and support
- B. Allows movement
- C. Protects tissues and organs
- D. Stores minerals and other materials
- E. Produces blood cells

II. Development of bone

_____ Most bones are formed from cartilage _____

- A. Cartilage ___Type of connective tissue that is a stiff, jelly-like material. Padding___

III. Structure of Bones

Inside _High-strength, low-weight spongy bone or hollow space full of marrow_

Marrow _Contains fat and produces red and white blood cells_

IV. Skeletal Joints

The four types of movable joints are: pivot, hinge, ball-and-socket, and gliding

Pivot joints ___Allow rotation of one bone around another, ex: vertebrae___

Ball-and-socket joints ___Allow for circular motion, ex: hip and shoulder___

Hinge Joints ___Allow for forward and backward movement but little side to side, ex: knee___

Gliding joints ___Allow gliding in any direction along the plane of the joint, ex: hands and feet___

V. Connectors?!

Ligaments connect ___Bones___ to ___Bones___.

Tendons connect ___Muscles___ to ___Bones___.

