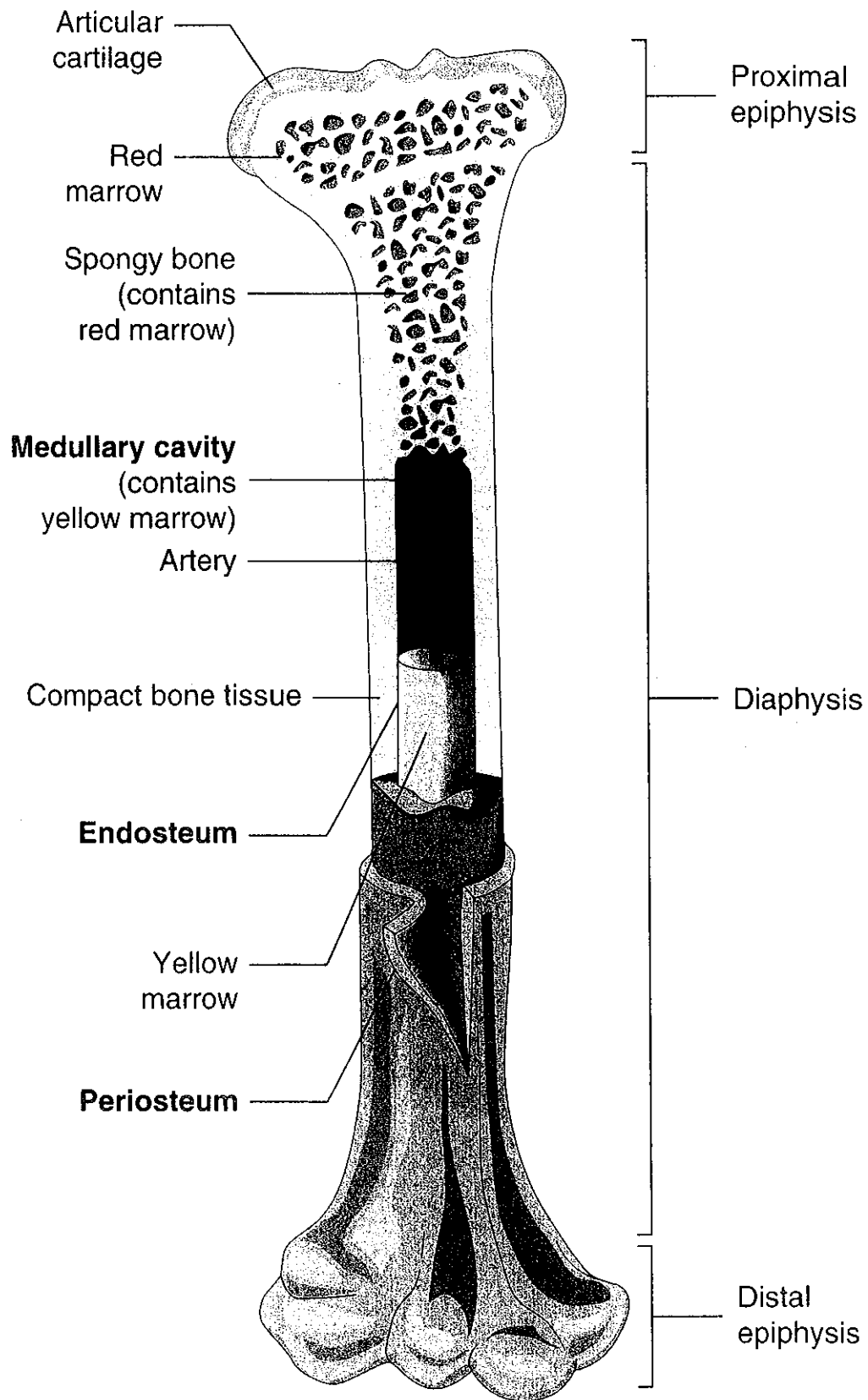


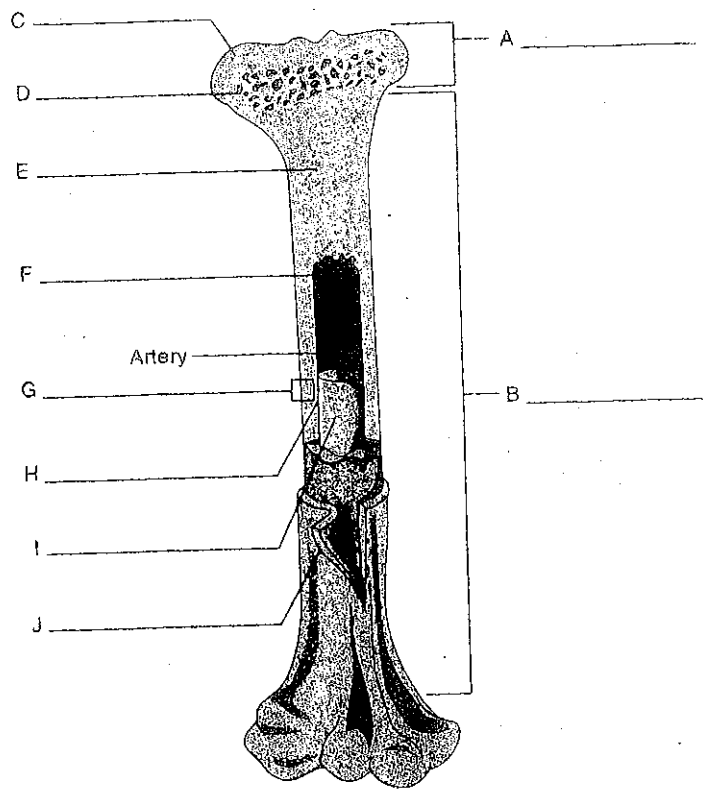
Main Parts of a Long Bone



Transparency Master 34

D. Label the long bone diagram and match the letter that corresponds to the description.

- _____ 1. Lining of the marrow cavity
- _____ 2. Located in the center of the shaft
- _____ 3. Shaft
- _____ 4. Site of manufacture of blood cells
- _____ 5. Articular layer covering epiphysis
- _____ 6. Ends of long bone
- _____ 7. Hard bone dissolves, leaving this type
- _____ 8. Tough fibrous covering of bone
- _____ 9. Fat storage center
- _____ 10. Bone surrounding the medullary canal



1.03 Skeletal System Show and Tell

Handout

Name _____

Date _____

Directions: Research the condition and prepare to Show and Tell the Skeletal Condition. Present the condition to the class according to your teacher's directions.

1. Select a condition from the following list or add others related to this objective.

- ⌘ arthritis
- ⌘ compound fracture
- ⌘ dislocation
- ⌘ gout
- ⌘ greenstick fracture
- ⌘ kyphosis
- ⌘ lordosis
- ⌘ osteoarthritis
- ⌘ osteoporosis
- ⌘ rheumatoid arthritis
- ⌘ rickets
- ⌘ scoliosis
- ⌘ simple fracture
- ⌘ sprain

2. Prepare a presentation and prop that demonstrates the nature of the condition to include but not limited to:

- Pathophysiology
- Symptoms
- Location
- Treatment
- Prognosis

1.02 Skeletal System Quiz
Handout

Quiz

Name _____

Date _____

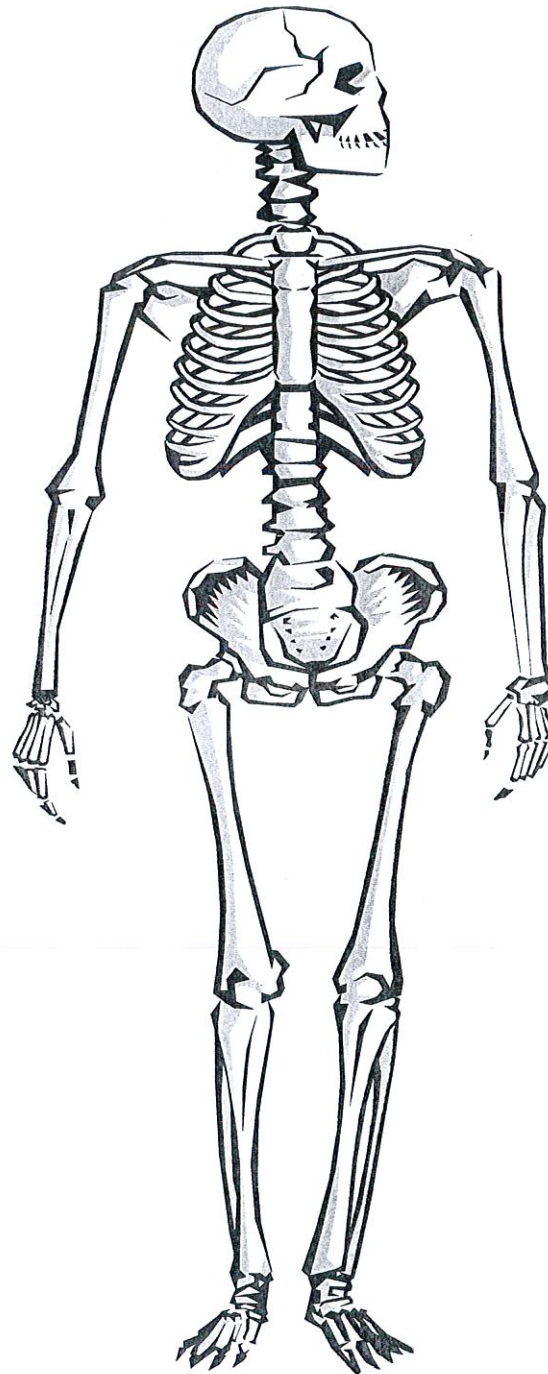
Directions: Circle the term that does not belong with the other three. Explain your answer.

- | | | | | | |
|-----|-----------|-----------------|-----------------|------------------|-------|
| 1. | tibia | ulna | fibula | femur | _____ |
| 2. | skull | rib cage | pelvis | vertebral column | _____ |
| 3. | mandible | frontal bone | temporal bone | occipital bone | _____ |
| 4. | ischium | scapula | ilium | pubis | _____ |
| 5. | humerus | ulna | radius | phalanges | _____ |
| 6. | suture | red marrow | spongy bone | yellow marrow | _____ |
| 7. | cervical | lumbar | thoracic | sternum | _____ |
| 8. | maxilla | zygomatic | mandible | occipital | _____ |
| 9. | patella | tibia | radius | humerus | _____ |
| 10. | phalanges | ribs | xiphoid process | vertebrae | _____ |
| 11. | coccyx | xiphoid process | ischium | vomer | _____ |
| 12. | scapula | calcaneus | sternum | ilium | _____ |

1.02 Structures of the Skeletal System –
Axial Skeleton Handout

Name _____
Date _____

Directions: Use this handout to label the structures of the **axial skeleton** and to record class discussion in your own words.



1.02 Structures of Long Bones

Handout

Name _____

Date _____

Directions: Label the structures of long bones and record class discussion in your own words.

