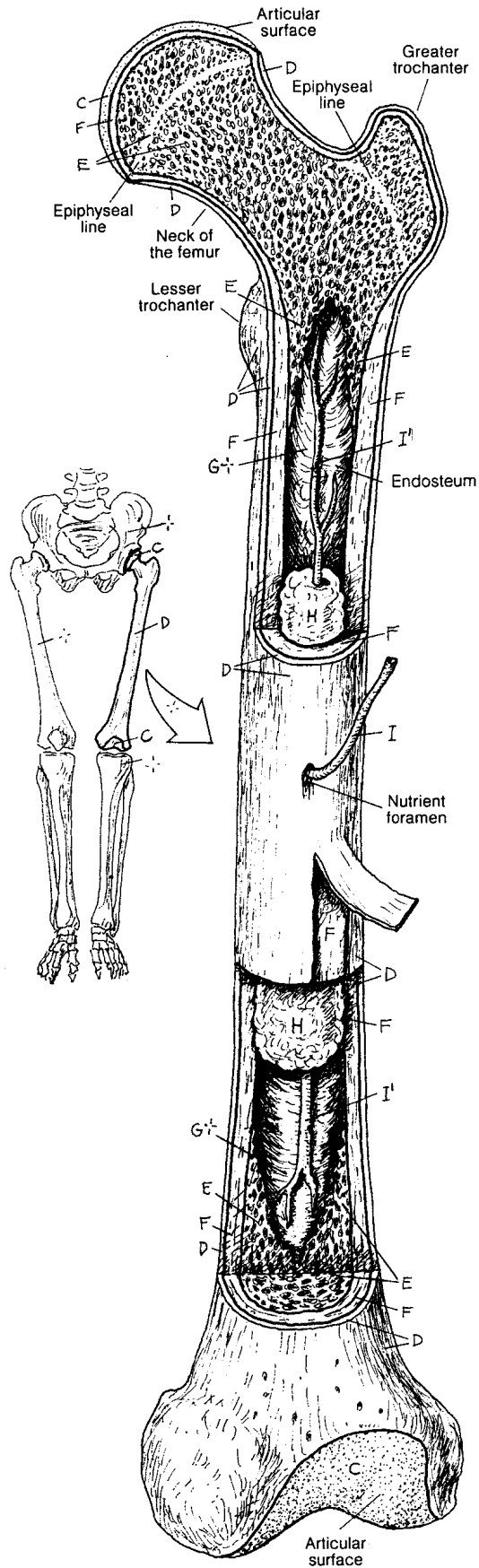


Bone Structure

Name:

Period:



- C - cartilage
- E - spongy bone
- F - compact bone
- G - red marrow
- H - yellow marrow

Bone Structure

Name:

Period:

Follow the directions below to color-code the diagrams and to answer the questions. You can use Chapter 15, Section 2 of your textbook to help you. Use colored pencils, and check off each box as you finish that part of the instructions.

The diagram shows you a thigh bone, as well as the structures that are inside of a bone. A bone is made of a bunch of different tissues working together, and minerals.

Tissues that work together are called an _____ [p.468]

Minerals in bones are made by cells called _____ [p.473]

Compact bone is labeled F on the diagram. In the key, color the circle for compact bone orange . Next, carefully color the layer of compact bone orange in the diagram .

Compact bone does not have any visible open _____ [p.473]

Look at the diagram. Where is compact bone found in this bone?

Compact bone is found...

Spongy bone is labeled E on the diagram. In the key, color the circle for spongy bone purple . Next, carefully color the spongy bone purple in the diagram .

Spongy bone is full of open _____ [p.473]

Look at the diagram. Where is spongy bone found in this bone?

Spongy bone is found...

Red marrow is labeled G on the diagram. In the key, color the circle for red marrow red . Next, carefully color the red marrow red in the diagram .

Red marrow makes _____ [p.473]

Yellow marrow is labeled H on the diagram. In the key, color the circle for yellow marrow yellow . Next, carefully color the yellow marrow yellow in the diagram .

Yellow marrow stores _____ [p.473]

Cartilage is labeled C on the diagram. In the key, color the circle for cartilage green . Next, carefully color the cartilage green in the diagram .

Look at the diagram. Where is cartilage found on this bone?

Cartilage is found...

The job of cartilage is to _____ [p.474]

Work: 10 points