Figure 14.1 Label the anterior bones and features of the skull. (If the line lacks the word bone, label the particular feature of that bone.)

Lacrimal bone
Ethmoid bone
Sphenoid bone

Figure 14.2 Label the lateral bones and features of the skull.

Ethmoid bone

(bone) 1
(bone) 2
(bone) 3
(bone) 4
(bone) 5
(bone) 6
(bone) 7
(bone) 8
(bone) 9
(bone) 10
(bone) 11
(bone) 12
(bone) 13
(bone) 14
(bone) 15
(bone) 16
(bone) 17
(bone) 18
(bone) 19
(bone) 20
Figure 14.3 Label the inferior bones and features of the skull.

Figure 14.4 Label the bones and features of the floor of the cranial cavity as viewed from above.
Figure 15.5 Label the bones and features of the thoracic cage.
Figure 15.1  Label the bones and features of the vertebral column (right lateral view).

- Atlas
- Axis
- Spinous process of C-7 (vertebra prominens)
Figure 16.1  Label the bones and features of the right shoulder and upper limb (anterior view).
Figure 16.3 Label the (a) anterior surface and (b) posterior surface of the right humerus.
Figure 16.4 Label the major anterior features of the right radius and ulna (anterior view).
Figure 17.1 Label the bones of the pelvis (posterior view).

Figure 17.2 Label the lateral features of the right coxa.
PROCEDURE B—THE LOWER LIMB

1. Review the section entitled "Lower Limb" in chapter 7 of the textbook.
2. As a review activity, label figures 17.3, 17.4, and 17.5.
3. Examine the bones of the lower limb and locate each of the following:

   - **femur**
     - head
     - fovea capitis
     - neck
     - greater trochanter
     - lesser trochanter
   - linea aspera
   - lateral condyle
   - medial condyle
   - lateral epicondyle
   - medial epicondyle
   - patella

   - **tibia**
     - medial condyle
     - lateral condyle
     - tibial tuberosity
     - anterior crest
     - medial malleolus
   - **fibula**
     - head
     - lateral malleolus
   - **tarsal bones**
     - talus
     - calcaneus
   - **metatarsal bones**
   - **phalanges**
     - proximal phalanx
     - middle phalanx
     - distal phalanx
   - **cuboid**
   - lateral cuneiform
   - intermediate cuneiform
   - medial cuneiform

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**Figure 17.3** Label the features of (a) the anterior surface and (b) the posterior surface of the right femur.
Figure 17.4 Label the bones and features of the right tibia and fibula in this anterior view.


**LEARNING EXTENSION**

Use different colored pencils to distinguish the individual bones in figure 17.5.

**Web Quest**

What are the functions of individual bones and features? Search these and review the anatomy of the skeleton at [www.mhhe.com/shieress9](http://www.mhhe.com/shieress9)