9. Figure 5-3 (A–C) shows lateral, anterior, and inferior views of the skull. Select different colors for the bones listed below and color the coding circles and corresponding bones in the figure. Complete the figure by labeling the bone markings indicated by leader lines.

- Frontal
- Sphenoid
- Zygomatic
- Nasal
- Parietal
- Ethmoid
- Palatine
- Lacrimal
- Mandible
- Temporal
- Occipital
- Vomer

---

Figure 5-3, A–C
10. An anterior view of the skull, showing the positions of the sinuses, is shown in Figure 5-4. First select different colors for each of the sinuses and use them to color the coding circles and the corresponding structures on the figure. Then briefly answer the following questions concerning the sinuses.

1. What are sinuses? .................................................................

2. What purpose do they serve in the skull? ................................

3. Why are they so susceptible to infection? ............................

   - Sphenoid sinus
   - Ethmoid sinuses
   - Frontal sinus
   - Maxillary sinus

![Figure 5-4](image-url)
13. Complete the following statements by inserting your answers in the answer blanks.

   1. In describing abnormal curvatures, it could be said that (1) is an exaggerated thoracic curvature, and in (2) the vertebral column is displaced laterally.

   2. Invertebral discs are made of (3) tissue. The discs provide (4) to the spinal column.

14. Figure 5-5 (A–D) shows four types of vertebrae. In the spaces provided below each vertebra, indicate in which region of the spinal column it would be found. In addition, specifically identify Figure 5-5 (A).

   A
   B
   C
   D

Figure 5-5
15. Figure 5-6 is a lateral view of the vertebral column. Identify each numbered region of the column by listing in the numbered answer blanks the region name first and then the specific vertebrae involved (for example, sacral region, S₁ to S₅). Also identify the modified vertebrae indicated by numbers 6 and 7 in Figure 5-6. Select different colors for each vertebral region and use them to color the coding circles and the corresponding regions.

1. __________________________  ○
2. __________________________  ○
3. __________________________  ○
4. __________________________  ○
5. __________________________  ○
6. __________________________  ○
7. __________________________  ○

Figure 5-6