

The skull from the side / Key

ANSWER KEY

1. Frontal bone

The frontal bone forms the forehead and the upper rim of the eye socket, or orbit. Follow its border toward the top of the skull.

2. Parietal bone

The parietal bone forms much of the upper side of the skull. Notice how its curved outline meets the neighboring bones.

3. Occipital bone

The occipital bone forms the back of the skull and extends into its base. Only part of it is visible from the side.

4. Temporal bone

Find the temporal bone around the ear opening and the back of the cheek arch. Use this color again for its styloid process at 14.

5. Sphenoid bone

The greater wing of the sphenoid appears just behind the orbit. Most of this bone lies deeper in the skull.

6. Zygomatic bone

The zygomatic bone forms the front of the cheek arch. Follow the arch backward to where it meets the temporal bone.

7. Maxilla

The maxilla forms the upper jaw. It also contributes to the orbital floor at 15; use the same color for both regions.

8. Mandible

The mandible holds the lower teeth. Follow its body backward and upward into the ramus, the upright part of the bone.

9. Nasal bone

The nasal bone forms part of the bridge of the nose. Its small outline lies between the frontal bone and the upper jaw.

10. Lacrimal bone

Find the lacrimal bone at the front of the inner wall of the orbit, near the nose. Color its marked area.

11. Ethmoid bone

The visible part of the ethmoid lies behind the lacrimal bone in the inner wall of the orbit. Color its marked area.

12. Upper teeth

Use one color for the upper tooth row, keeping within the outline of each tooth.

13. Lower teeth

Use another color for the lower tooth row. Compare it with the upper row as you work around the small spaces.

14. Styloid process

This slender projection belongs to the temporal bone. Find it below the ear region and match its color to region 4.

15. Orbital floor

This marked part of the orbital floor belongs to the maxilla. Match its color to the upper jaw at 7.

Use a light touch with your pencil to keep the fine shading visible. Leave the ear opening, the space beneath the cheek arch, and the deep recesses at the skull base white.