

Bones and Markings of the Axial Skeleton

The Skull

1. **Frontal bone**
2. **Parietal bone**
3. **Occipital bone**
 19. occipital condyles
 68. hypoglossal canal
 69. foramen magnum
4. **Temporal bone**
 5. mastoid process
 8. mandibular fossa
 9. styloid process
 30. zygomatic arch
 42. external auditory meatus
 67. internal auditory meatus
 47. carotid canal
 48. jugular foramen
11. **Zygomatic bone**
12. **Nasal bone**
13. **Maxilla**
 - 39b. inferior orbital fissure
14. **Lacrimal bone**
15. **Ethmoid bone**
 58. crista galli
 59. cribriform plate
16. **Vomer**
17. **Palatine bone**
10. **Sphenoid bone**
 - 39a. superior orbital fissure
 61. lesser wing
 62. greater wing
 63. sella turcica
20. **Mandible**
 52. mental foramen
 21. coronoid process
 22. mandibular condyle

Sutures

23. Coronal Suture
24. Sagittal Suture
25. Lambdoid Suture
28. Squamous Suture

The Hyoid Bone

The Vertebral Column

Cervical vertebrae (7)

- body
- spinous process
- transverse process
- transverse foramen
- vertebral foramen

Atlas

- anterior tubercle
- posterior tubercle

Axis

- dens

Thoracic vertebrae (12)

- body
- spinous process
- transverse process
- vertebral foramen

Lumbar vertebrae (5)

- body
- spinous process
- transverse process
- vertebral foramen

Sacrum

- body
- sacral hiatus
- superior sacral canal
- sacral foramina

Coccyx

The Thoracic Cage

Sternum

- body/gladiolus
- manubrium
- clavicular notch
- jugular notch
- xiphoid process

Ribs

- anterior end
- head
- tubercle (articular surface)

true ribs (7 pairs)

false ribs (5 pairs)

floating ribs (2 pairs)