

WORKSHEETS (LEMBAR KERJA)

| | |
|------------------------------|-----------------------------------|
| Mata Kuliah | : Anatomi |
| Materi | : Musculoskeletal |
| NIM>Nama Mahasiswa | : 2110101117 / Sani Ulfa Widnyang |

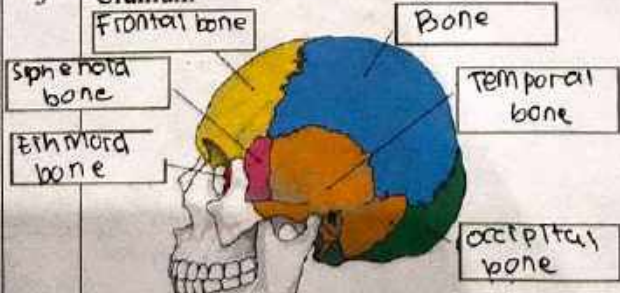

| No | Keterangan | Pembahasan |
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| 1 | Jumlah tulang manusia 206 Tulang Terdiri atas :..... - Tulang tengkorak / 8 buah - Tulang wajah 14 buah - Tulang telinga 6 buah - Tulang lidah 1 buah | - Tulang dada 25 buah - Tulang belakang (vertebrae) dan pelvis 26 buah - Tulang eustremitar atas 64 buah - Tulang eustremitar bawah 64 buah |
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| 2 | Jelaskan klasifikasi Tulang menurut bentuknya | - ossa longa (Tulang panjang) tulang yg ukuran panjang, dan besar - ossa brevia (Tulang pendek) - ossa plana (Tulang gepeng/pipih) - ossa irregular (Tulang tak beraturan) - ossa pneumatica (Tulang berongga udara) |
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| 3 | Sistem skeletal | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Axial sceleton</th> <th style="width: 50%;">Apendicular sceleton</th> </tr> </thead> <tbody> <tr> <td>- skull</td> <td>- supporting bones (scapula & collarbone)</td> </tr> <tr> <td>- sternum</td> <td>- upper limb bones</td> </tr> <tr> <td>- ribs</td> <td>- supporting bones (hip)</td> </tr> <tr> <td>- vertebrae</td> <td>- lower limb bones</td> </tr> </tbody> </table> | Axial sceleton | Apendicular sceleton | - skull | - supporting bones (scapula & collarbone) | - sternum | - upper limb bones | - ribs | - supporting bones (hip) | - vertebrae | - lower limb bones |
|----------------|---|--|----------------|----------------------|---------|---|-----------|--------------------|--------|--------------------------|-------------|--------------------|
| Axial sceleton | Apendicular sceleton | | | | | | | | | | | |
| - skull | - supporting bones (scapula & collarbone) | | | | | | | | | | | |
| - sternum | - upper limb bones | | | | | | | | | | | |
| - ribs | - supporting bones (hip) | | | | | | | | | | | |
| - vertebrae | - lower limb bones | | | | | | | | | | | |

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| 4 | Jelaskan fungsi sendi dan contohnya | - untuk membantu pergerakan pada tulang - contoh Lutut |
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| 5 | Cranium | <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>8 Cranial Bones</p> </div> <div style="text-align: center;">  </div> </div> |
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Diagram of the human skull with numbered boxes for labeling:

- 1 Bone
- 2 Sphenoid bone
- 3 Ethmoid bone
- 4 Temporal bone
- 5 Frontal bone
- 6 Sphenoid bone
- 7 Ethmoid bone
- 8 Nasal bone
- 9 Lacrimal bone
- 10 Maxilla
- 11 Zygomatic bone
- 12 Vomer
- 13 Mandible



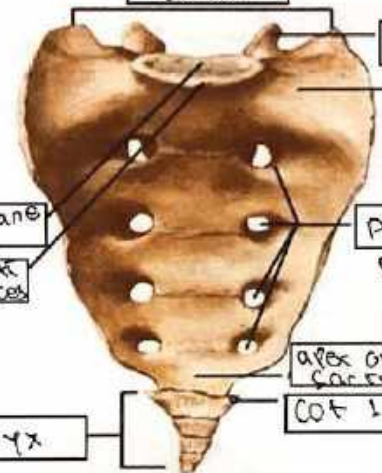
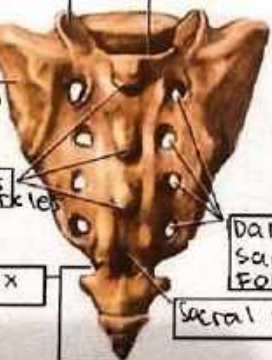
Additional labels on the left: "Cephalic bone" (pointing to the skull) and "Total bone" (pointing to box 2).

Diagram of the human rib cage with numbered boxes for labeling:

- 1-10: True ribs (1-7) and False ribs (8-12)
- 11-12: Floating ribs
- 13: Sternal notch
- 14: Clavicular notch
- 15: Costal notch
- 16: Sternal angle
- 17: Manubrium
- 18: Body
- 19: Sternum
- 20: Xiphoid process
- 21: Costal notch
- 22: Costal cartilage

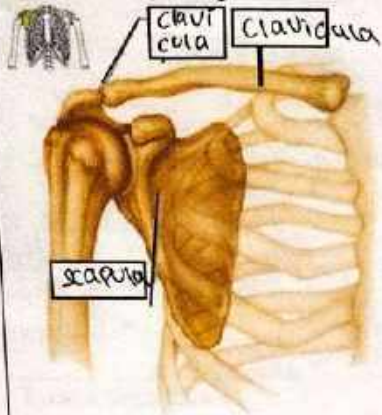
Diagram of the thoracic cage with labels:

- Hyoid
- Sternum
- Thoracic Cage
- Costal cartilages
- Vertebra
- Floating ribs

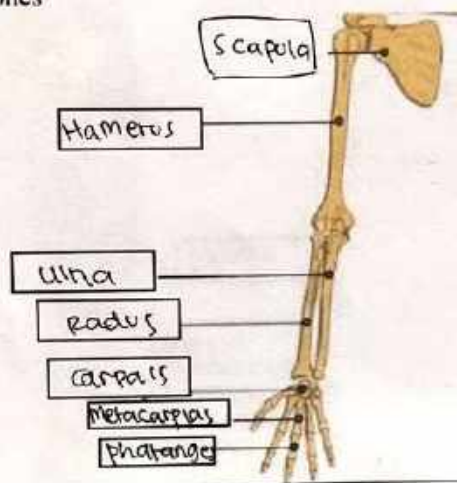
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| | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Lateral (Side) Spinal Column</p>  <p>Cervical curvature Thoracic curvature Lumbar curvature Sacral curvature Coccyx</p> </div> <div style="text-align: center;"> <p>Posterior (Back) Spinal Column</p>  <p>7 cervical vertebrae 12 Thoracic vertebrae 5 lumbar vertebrae Sacrum Coccyx</p> </div> </div> | <p>Tulang belakang kita terdiri dari 7 cervical vertebrae, 12 thoracic vertebrae, 5 lumbar vertebrae, 5 sacrum, ditambah coccyx</p> |
| | <div style="text-align: center;"> <p>Sacrum</p>  <p>Base of Sacrum Superior articular faces Anterior sacral promontory Sacral canal Superior articular process Posterior sacral foramina Apex of Sacrum Cot 1 Coccyx</p> </div> <div style="text-align: center; margin-top: 20px;">  <p>Superior articular faces Sacral canal Sacral tuberosity Spinous tubercles Coccyx Posterior sacral foramina Sacral hiatus</p> </div> | |

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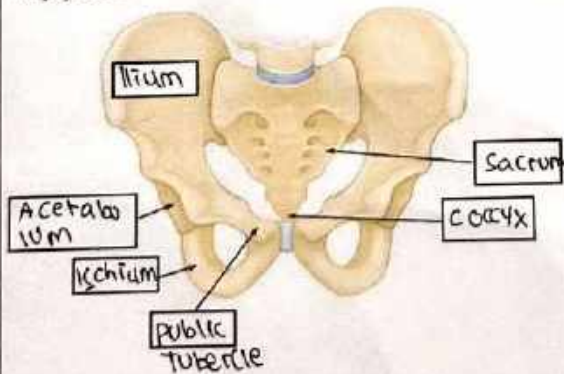
Pectoral/shoulder girdle



Upper limb bones

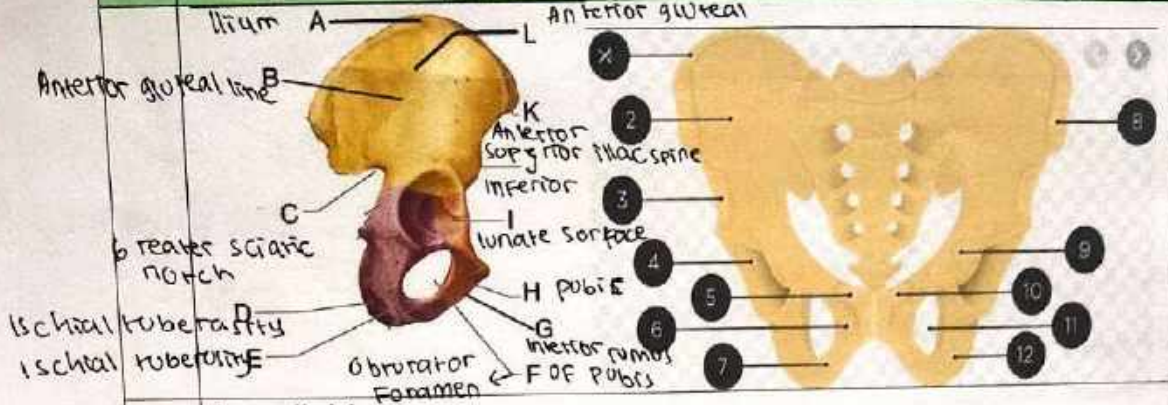


Hip/pelvis



Os coxae terdiri dari kauda, dan kisi dan

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Lower limb bones

