

WORKSHEETS (LEMBAR KERJA)

Mata Kuliah	: Anatomi
Materi	: Musculoskeletal
NIM>Nama Mahasiswa	: Nindra Arlindawati / 2110101097

No	Keterangan	Pembahasan
1	Jumlah tulang manusia 206 Tulang Terdiri atas * Tulang tengkorak / cranium 8 buah * Tulang wajah 14 buah * Tulang telinga dalam 6 buah * Tulang lidah 1 buah * Tulang dada 25 buah	* Tulang belakang (vertebrae) dan Pelvis 26 buah. * Tulang ekstremitas atas 64 buah * Tulang ekstremitas bawah 62 buah.

2	Jelaskan klasifikasi Tulang menurut bentuknya	<ul style="list-style-type: none"> ① ossa longa (tulang Panjang), tulang yg ukurannya terbesar. contoh : os. humerus. ② ossa brevia (tulang Pendek), tulang yg ketiga ukurannya kira-kira sama besar. contoh : ossa carpi. ③ ossa plana (tulang pipih), tulang yg ukuran lebarnya terbesar. contoh : os. parietale. ④ ossa irregular (tulang tak beraturan). contoh : os. sphenoid.
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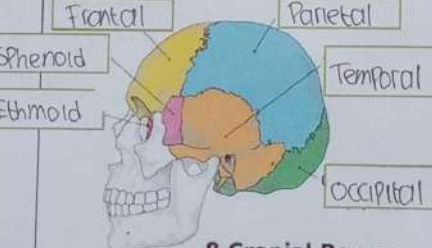
3	Sistem skeletal	<table border="1" style="width: 100%;"> <thead> <tr> <th>Axial sceleton</th> <th>Apendicular sceleton</th> </tr> </thead> <tbody> <tr> <td>Skull</td> <td>Supporting bones (scapula and collarbone)</td> </tr> <tr> <td>Sternum</td> <td>Upper limb bones</td> </tr> <tr> <td>Ribs</td> <td>Supporting bones (hip)</td> </tr> <tr> <td>Vertebrae</td> <td>Lower limb bones</td> </tr> <tr> <td>Sacrum</td> <td></td> </tr> </tbody> </table>	Axial sceleton	Apendicular sceleton	Skull	Supporting bones (scapula and collarbone)	Sternum	Upper limb bones	Ribs	Supporting bones (hip)	Vertebrae	Lower limb bones	Sacrum	
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Skull	Supporting bones (scapula and collarbone)													
Sternum	Upper limb bones													
Ribs	Supporting bones (hip)													
Vertebrae	Lower limb bones													
Sacrum														

4	Jelaskan fungsi sendi dan contohnya	<p>Fungsi sendi yaitu menghubungkan dua tulang, memberi struktur, serta membantu otot untuk menggerakkan tulang.</p> <p>Contohnya : sendi sinartrosis, amfiartrosis, dan sendi diartrosis.</p>
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Cranium

- Frontal
- Sphenoid
- Ethmoid
- Parietal
- Temporal
- Occipital


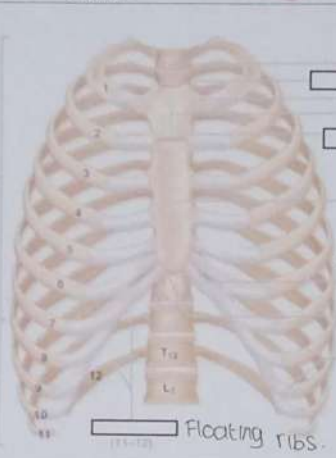
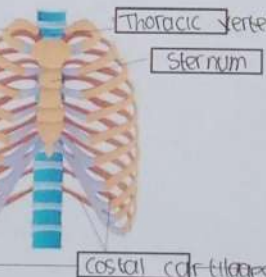


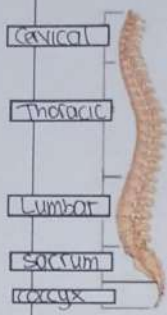
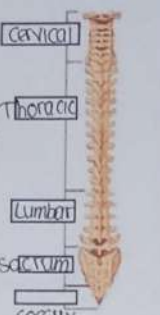
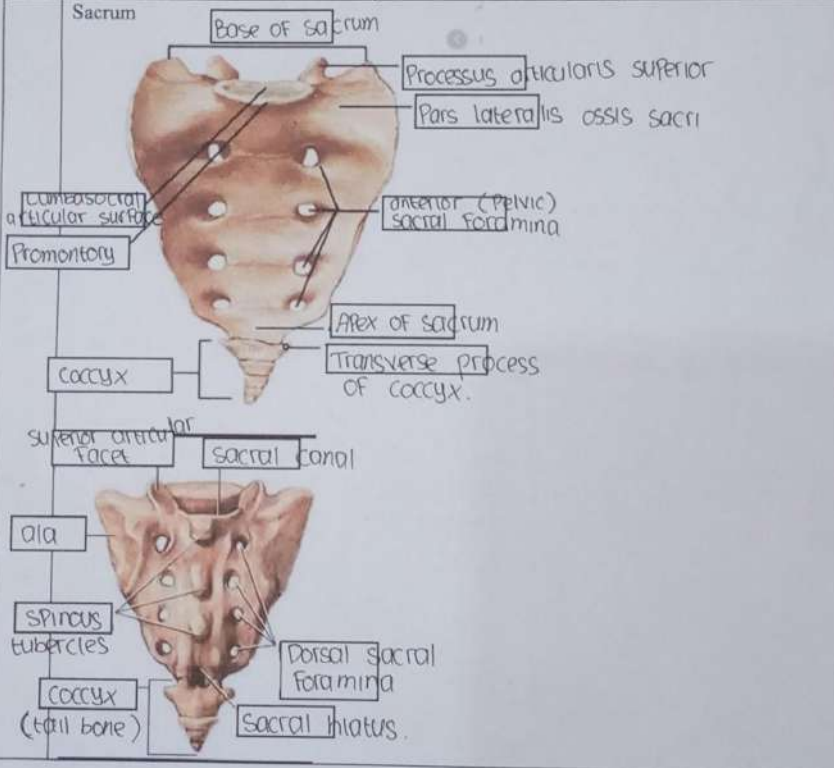
Cranial bones

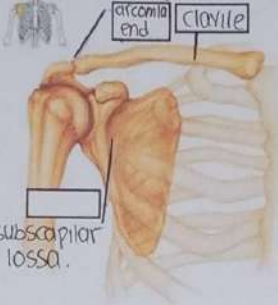
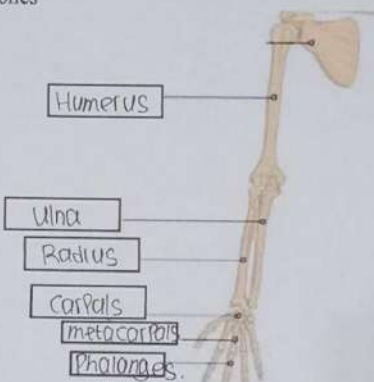
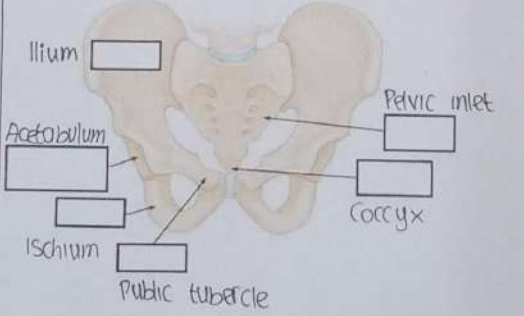



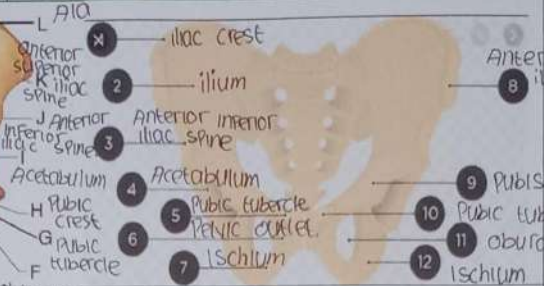
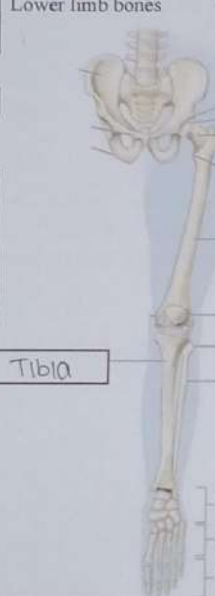
Facial bones

8 Cranial Bones

No	Keterangan	Pembahasan
<p>bone</p> <p>1</p> <p>sutural bone</p> <p>2</p> <p>occipital bone</p> <p>4</p> <p>temporal bone</p> <p>zygomatic bone</p> <p>Vomer</p> <p>13</p> <p>mandible</p>		<p>5 Frontal bone</p> <p>6 Sphenoid bone</p> <p>7 Ethmoid bone</p> <p>8 nasal bone</p> <p>9 lacrimal bone</p> <p>10 maxilla</p>
<p>True ribs</p> <p>False ribs</p>		<p>sternal notch</p> <p>clavicular notch</p> <p>costal notch</p> <p>sternal angle</p> <p>manubrium</p> <p>body</p> <p>sternum</p> <p>xiphoid process</p> <p>costal notch</p> <p>costal cartilages</p> <p>Floating ribs (11-12)</p>
<p>True ribs</p> <p>False ribs</p>		<p>Thoracic vertebra</p> <p>Sternum</p> <p>costal cartilages</p> <p>Vertebra</p>

No	Keterangan	Pembahasan
	<p>Lateral (Side) Spinal Column</p>  <p>Cervical Thoracic Lumbar sacrum coccyx</p>	<p>Posterior (Back) Spinal Column</p>  <p>Cervical Thoracic Lumbar sacrum coccyx</p>
	<p>Sacrum</p>  <p>Base of sacrum</p> <p>Processus unguicularis superior</p> <p>Pars lateralis ossis sacri</p> <p>Anterior (Pelvic) sacral foramina</p> <p>Arex of sacrum</p> <p>Transverse process of coccyx</p> <p>Coccyx</p> <p>Superior articular facet</p> <p>Sacral canal</p> <p>Ala</p> <p>Spinous tubercles</p> <p>Coccyx (tail bone)</p> <p>Dorsal sacral foramina</p> <p>Sacral hiatus</p> <p>Promontory</p> <p>Lumbosacral articular surface</p>	

No	Keterangan	Pembahasan
	<p>Pectoral/shoulder girdle</p> 	
	<p>Upper limb bones</p> 	
	<p>Hip/pelvis</p> 	<p>Os coxae terdiri dari os ilium, os ischium, dan os pubis...</p>

No	Keterangan	Pembahasan
	 <p> Iliac crest A Anterior superior iliac spine B Greater sciatic notch C Ischial tuberosity D Ischial ramus E Lower limb bones Anterior superior iliac spine L Anterior iliac spine J Inferior iliac spine I Acetabulum K Pubic crest H Pubic tubercle G Obturator foramen </p>	 <p> 1 Iliac crest 2 Ilium 3 Anterior inferior iliac spine 4 Acetabulum 5 Pubic tubercle 6 Pubic crest 7 Ischium 8 Anterior superior iliac spine 9 Pubis 10 Pubic tubercle 11 Obturator foramen 12 Ischium </p>
	 <p> Tibia Femur Patella Osipigula Fibula 7 Tarsals 5 Metatarsals 14 Phalanges </p>	