

WORKSHEETS (LEMBAR KERJA)

Mata Kuliah	: Anatomi
Materi	: Musculoskeletal
NIM>Nama Mahasiswa	: 2110101099 / IRMA M.J

No	Keterangan	Pembahasan
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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) & pelvis 26 buah - Tulang ekstremitas atas 64 Buah - Tulang ekstremitas 62 Buah
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2	Jelaskan klasifikasi Tulang menurut bentuknya	- Ossa longa (tulang panjang) Panjang terbesar - Ossa Brevia (tulang pendek) uk. sama besar - Ossa plana (tulang pipih) uk. lebar terbesar - Ossa irregular, tulang tak beraturan - Ossa Pneumatica, tulang berongga udara
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3	Sistem skeletal	<table border="1"> <thead> <tr> <th>Axial sceleton</th> <th>Apendicular sceleton</th> </tr> </thead> <tbody> <tr> <td>- Skull (Cranium)</td> <td>pectoral / shoulder girdle (clavicula, scapula)</td> </tr> <tr> <td>- Sternum</td> <td>UPPER limb bones (tulang ex. atas)</td> </tr> <tr> <td>- Ribs (Costae)</td> <td>Hip (limb)</td> </tr> <tr> <td>- Vertebrae</td> <td></td> </tr> <tr> <td>- Sacrum</td> <td>Lower limb bones (tulang extramitas bawah)</td> </tr> </tbody> </table>	Axial sceleton	Apendicular sceleton	- Skull (Cranium)	pectoral / shoulder girdle (clavicula, scapula)	- Sternum	UPPER limb bones (tulang ex. atas)	- Ribs (Costae)	Hip (limb)	- Vertebrae		- Sacrum	Lower limb bones (tulang extramitas bawah)
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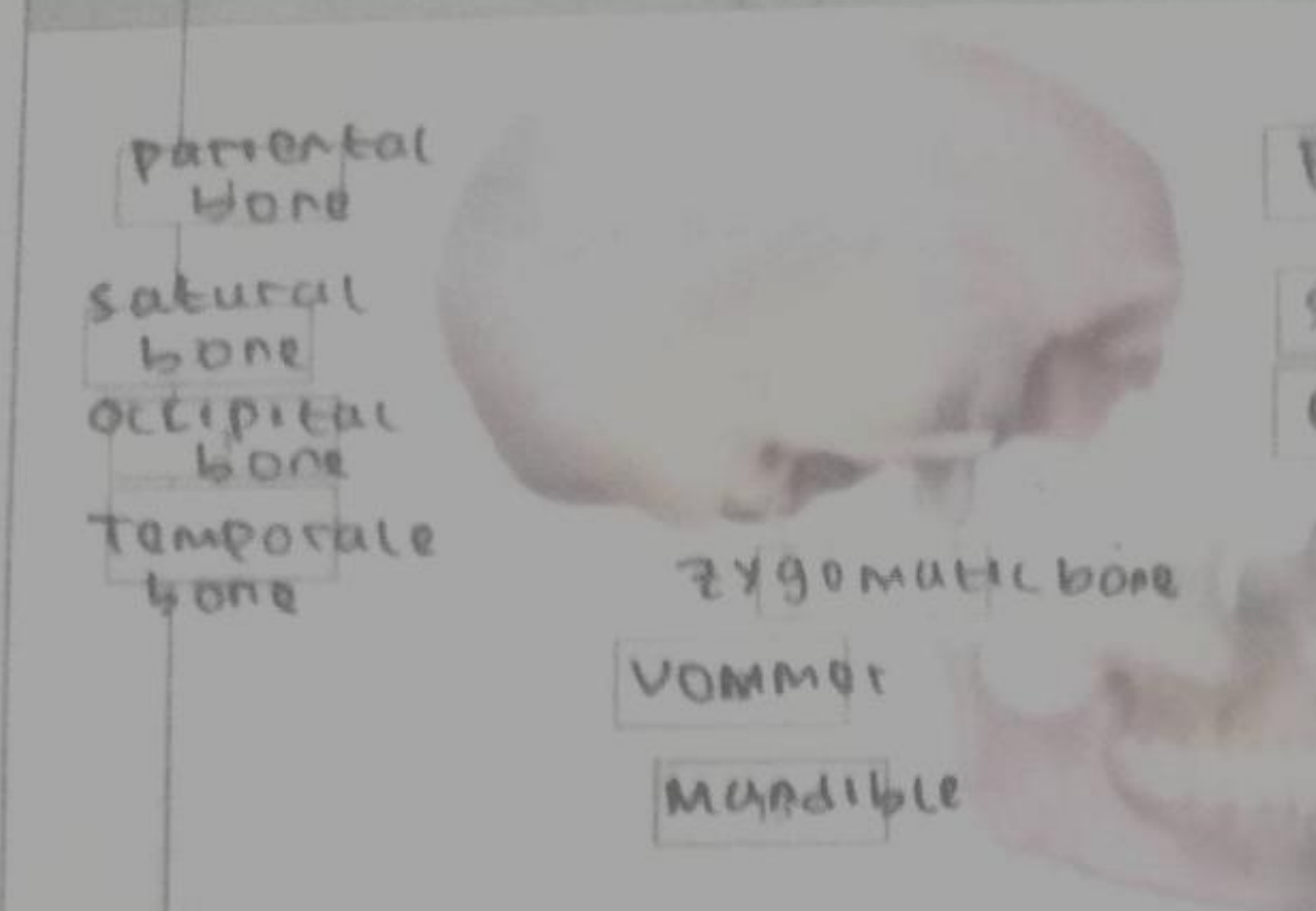
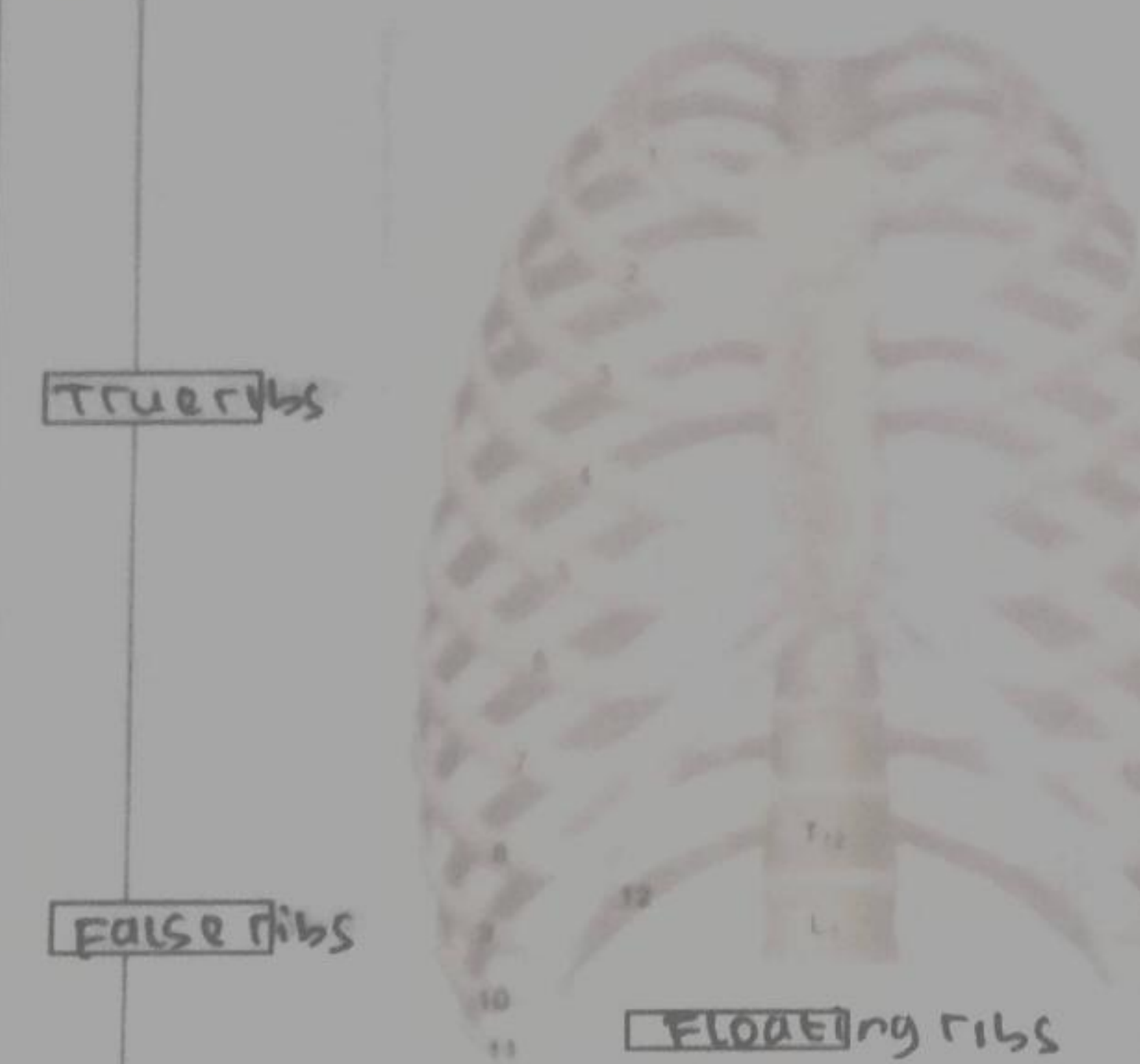
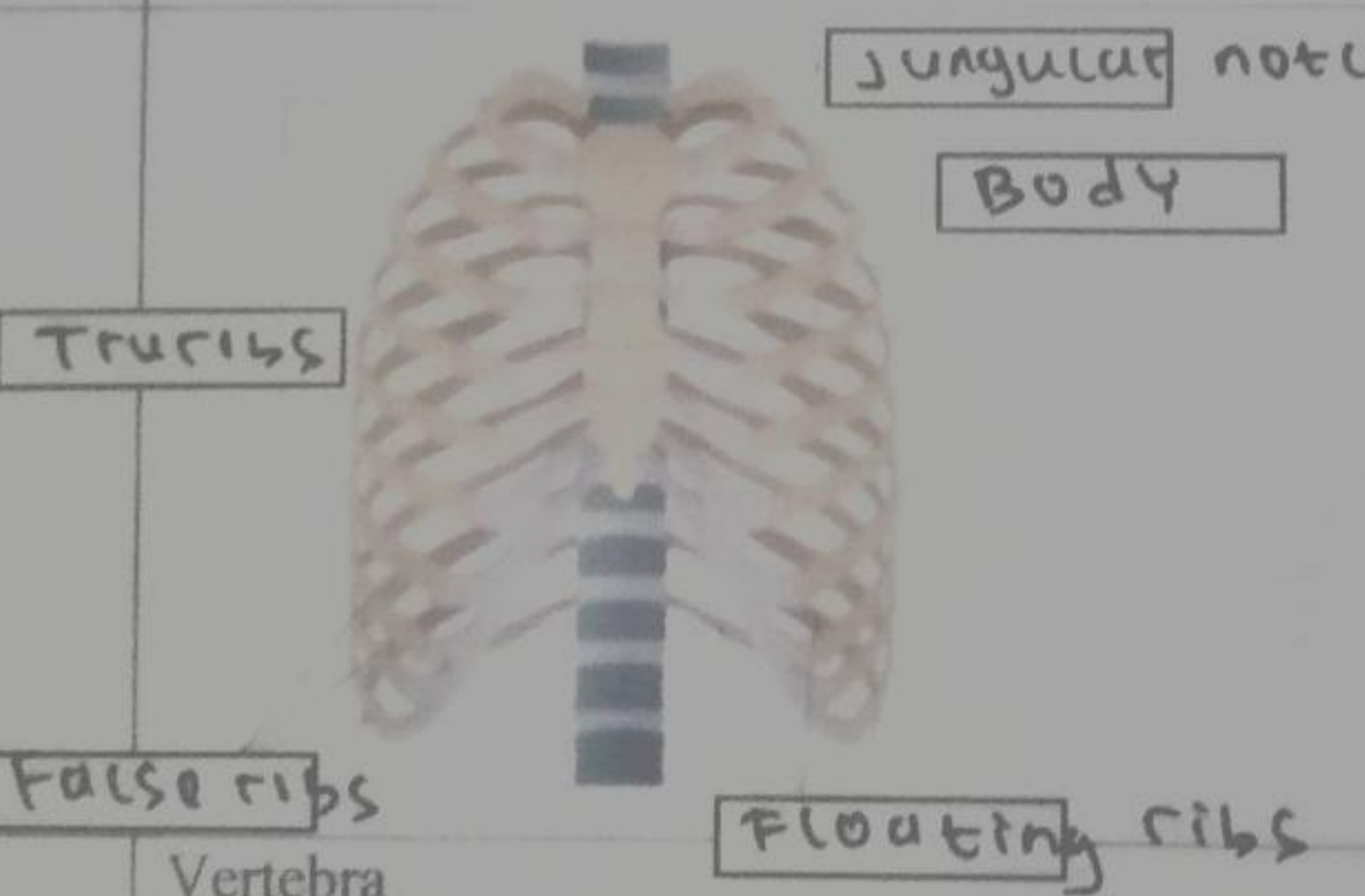
4	Jelaskan fungsi sendi dan contohnya	- Penghubung antar tulang - Membantu untuk bergerak bebas - ex: sendi peluru antara panggul dan tulang paha, sendi engsel, yang menghubungkan 3 tulang : t. paha t. kering dan tulang lutut
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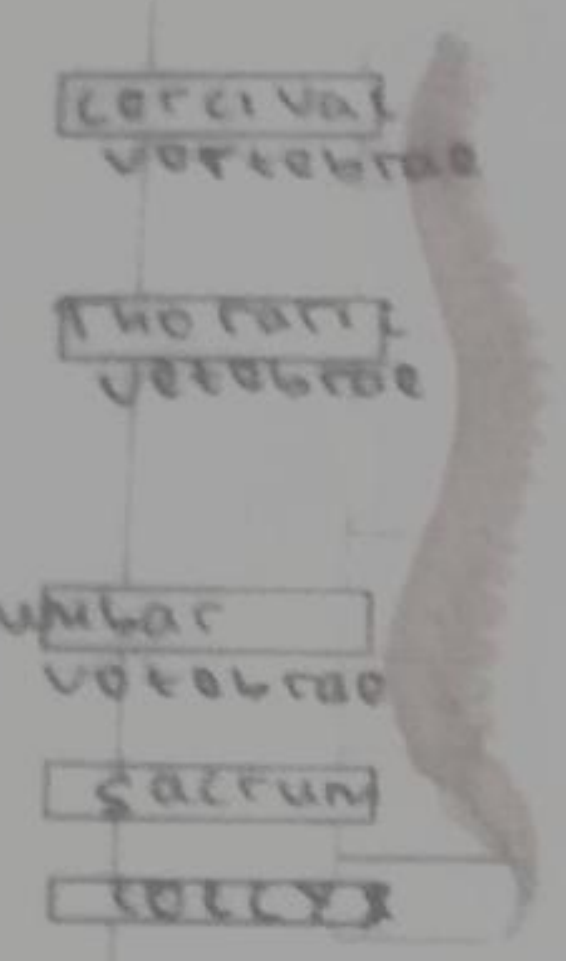
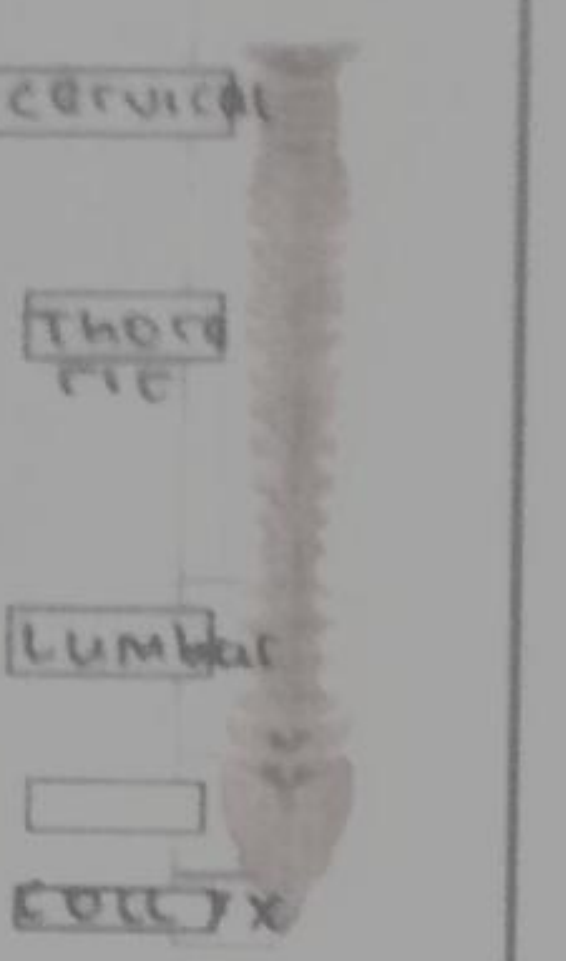
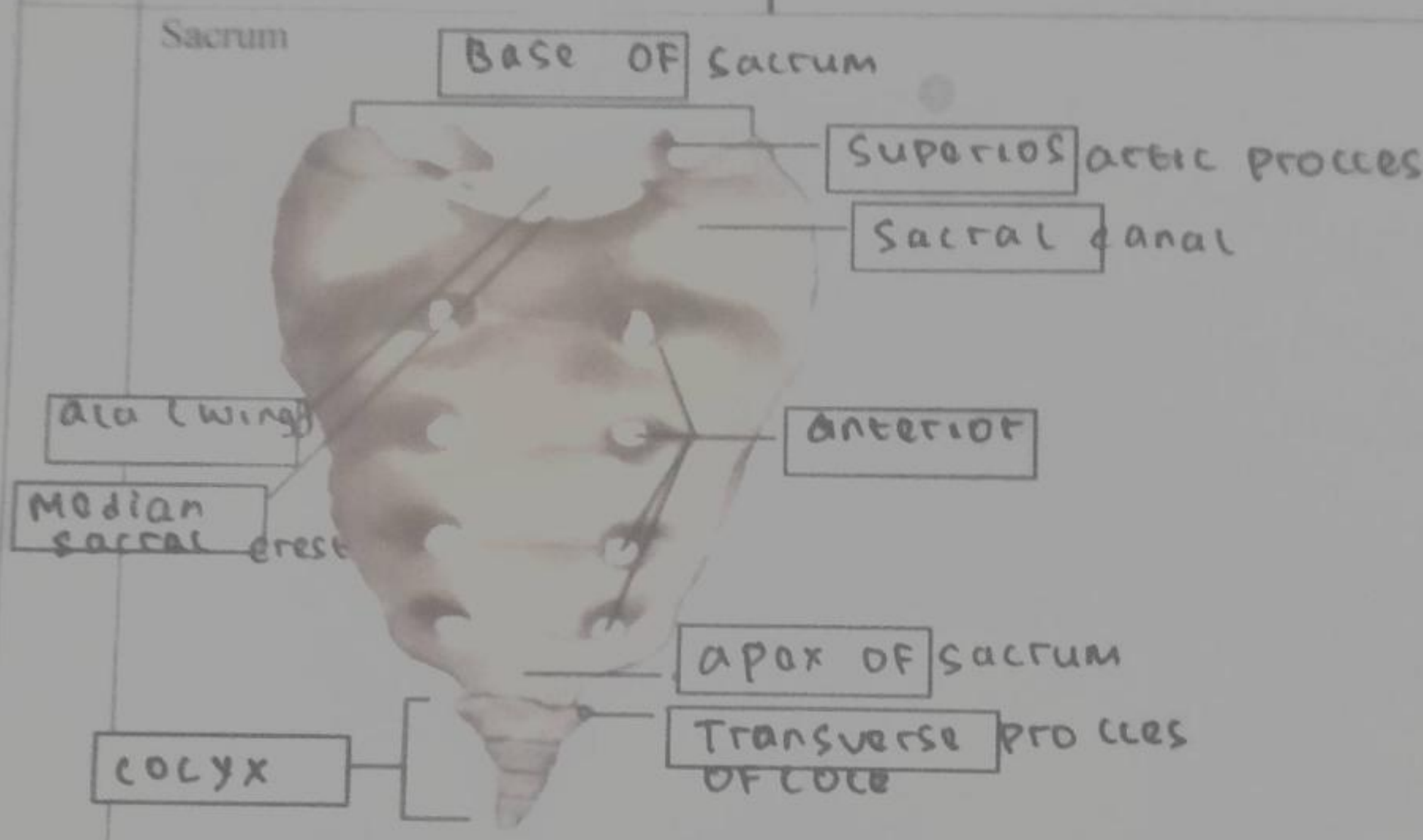
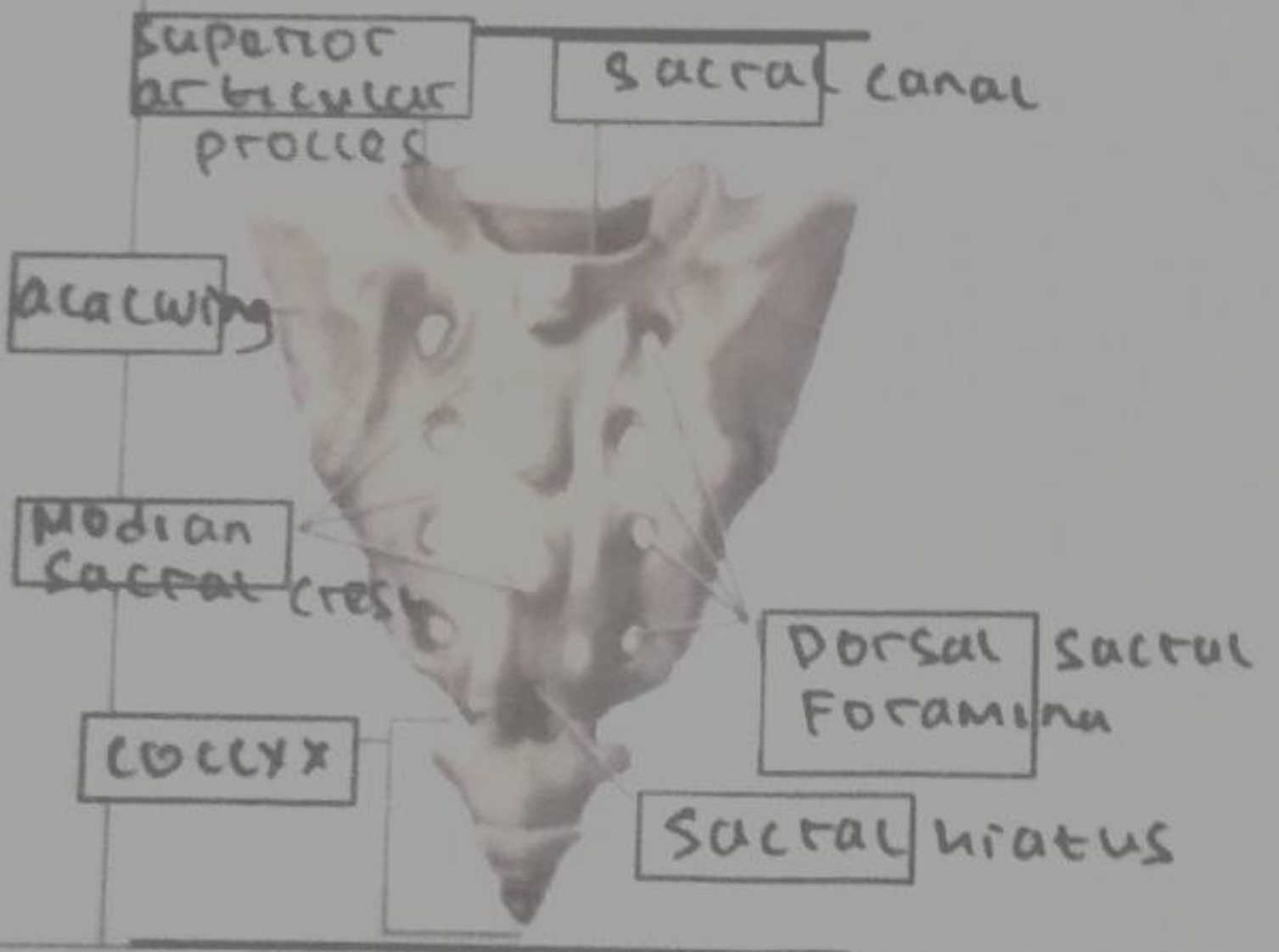
5 Cranium

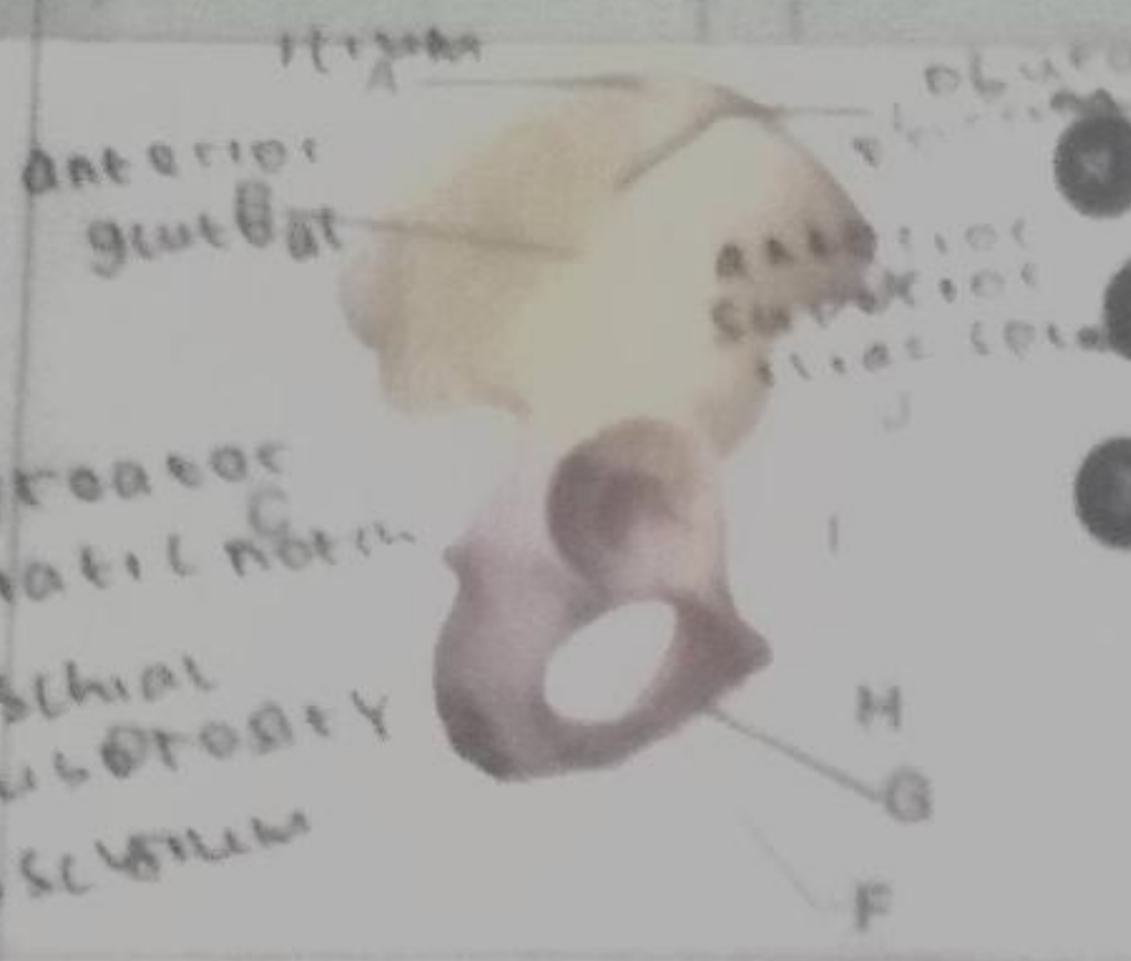
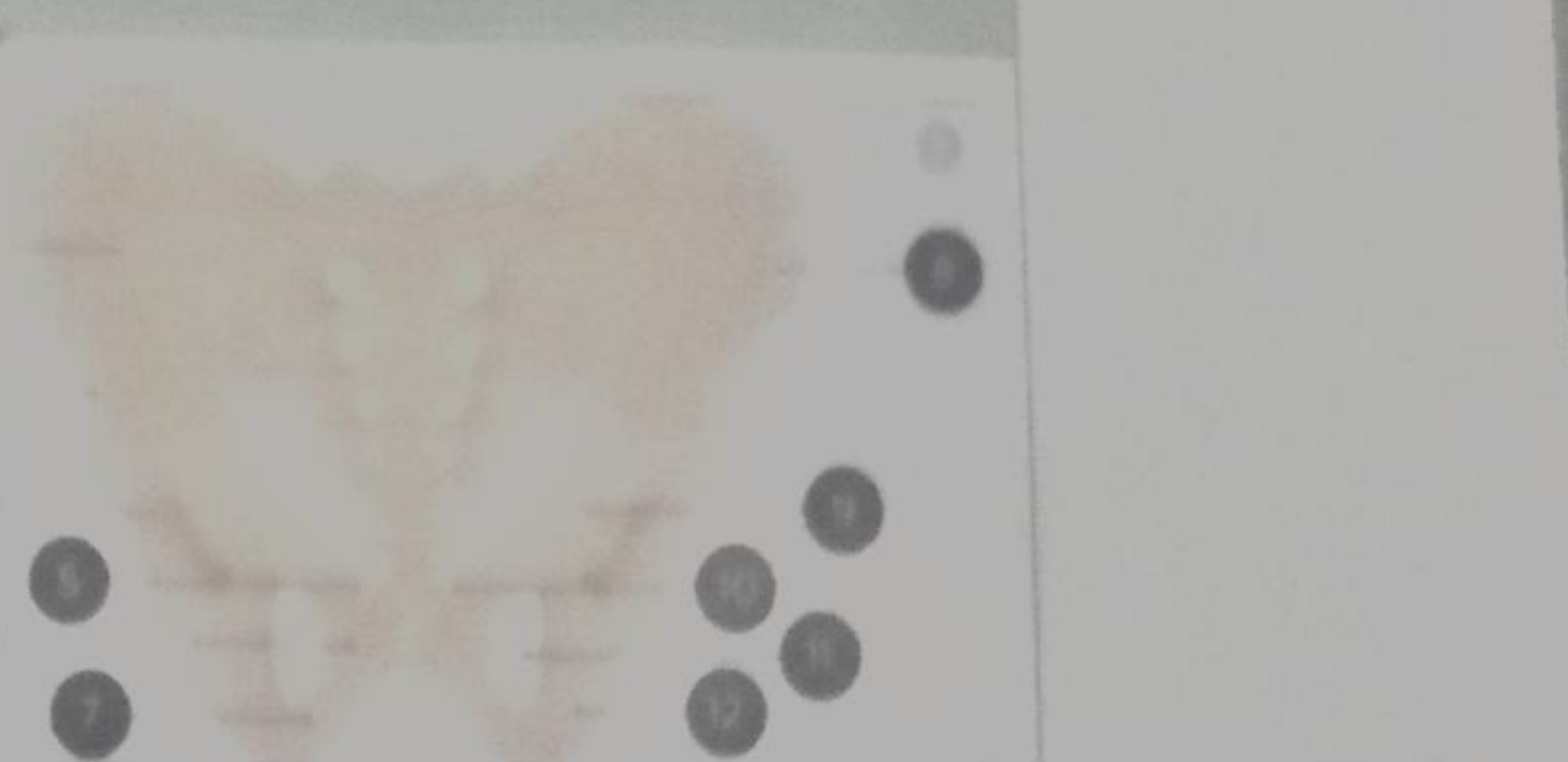

Labels for Cranial Bones: Frontal bone, Parietal bone, Temporal bone, Occipital bone, Sphenoid bone, Ethmoid bone.

Labels for Facial Bones: Cranial bones, Facial bones.

8 Cranial Bones

No	Keterangan	Pembahasan
	 <p>parietal bone sphenoid bone occipital bone temporal bone zygomatic bone vomer mandible</p>	<p>frontal bone sphenoid bone ethmoid bone nasal bone lacrimal bone maxilla</p>
	 <p>True ribs False ribs Floating ribs</p>	<p>sternal notch clavicular notch costal notch sternal angle manubrium Body sternum Xiphoid process costal notch costal cartilages</p>
	 <p>Tricus False ribs Vertebra Floating ribs</p>	<p>Jugular notch Body</p>

No	Keterangan	Pembahasan
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Lateral (Side) Spinal Column</p>  <p>Cervical vertebrae Thoracic vertebrae Lumbar vertebrae Sacrum Coccyx</p> </div> <div style="text-align: center;"> <p>Posterior (Back) Spinal Column</p>  <p>Cervical Thoracic Lumbar Sacrum Coccyx</p> </div> </div>	
	 <p>Sacrum</p> <p>Base of Sacrum</p> <p>Superior articular process</p> <p>Sacral canal</p> <p>Ala (wing)</p> <p>Median sacral crest</p> <p>Anterior</p> <p>Apex of Sacrum</p> <p>Transverse process of Coccyx</p> <p>Coccyx</p>	
	 <p>Ala (wing)</p> <p>Median sacral crest</p> <p>Coccyx</p> <p>Dorsal Sacral Foramina</p> <p>Sacral hiatus</p>	

No	Keterangan	Pembahasan
		
Lower limb bones		<p>J = anterior inferior iliac spine k = anterior superior iliac spine i = acetabulum H = pubis G = inferior ramus of pubis F = oburator foramen.</p>
	<p>Femur</p> <p>Patella.</p> <p>Head of Fibula.</p> <p>Fibula</p> <p>7 Tarsals</p> <p>5 Metatarsals</p> <p>14 Phalanges</p>	<p>1 = Iliac crest 2 = Ilium 3 = anterior inferior iliac spine 4 = acetabulum 5 = pubic tubercle 6 = pubic arch 7 = ischium 8 = anterior superior iliac spine 9 = pubis 10 = pubic tubercle 11 = oburator foramen 12 = ischium.</p>