

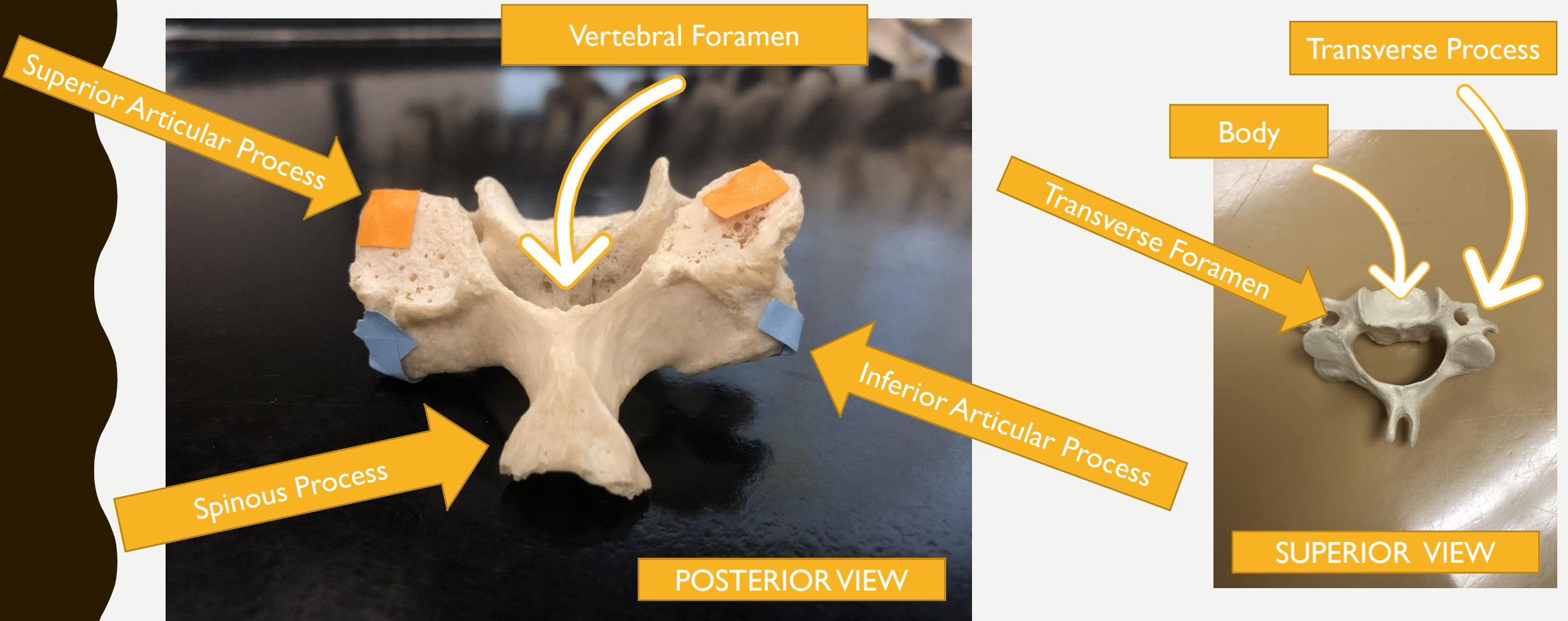
AXIAL SKELETON (MINUS THE SKULL)

BIO 210



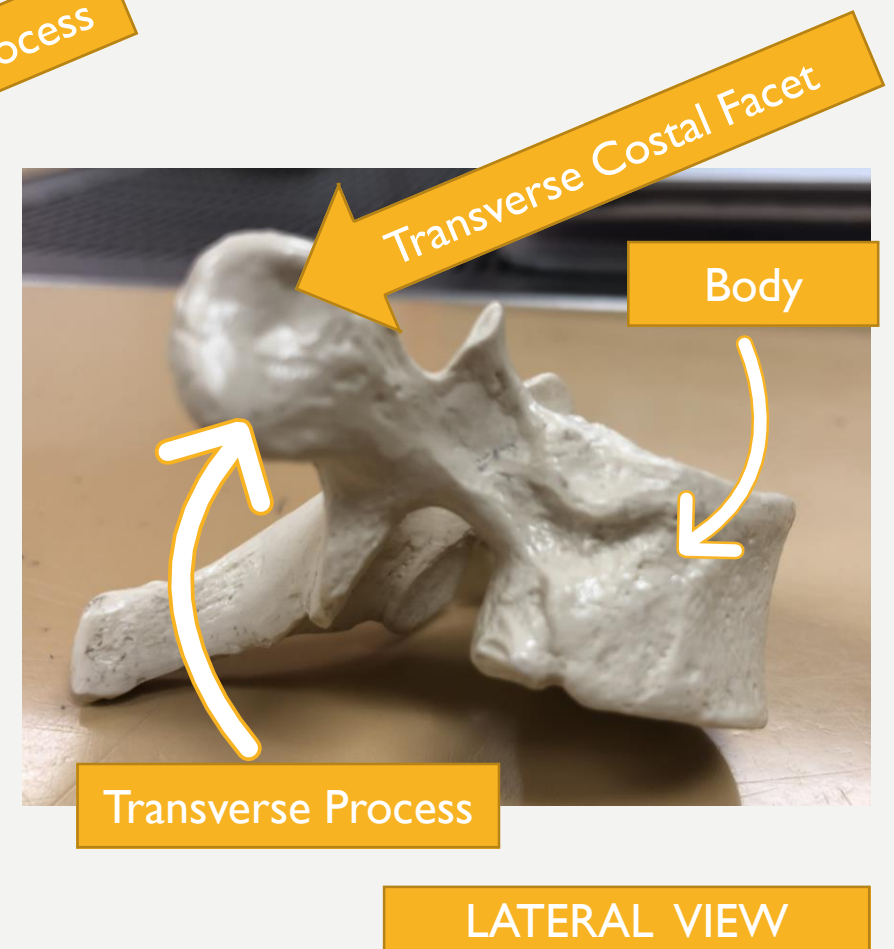
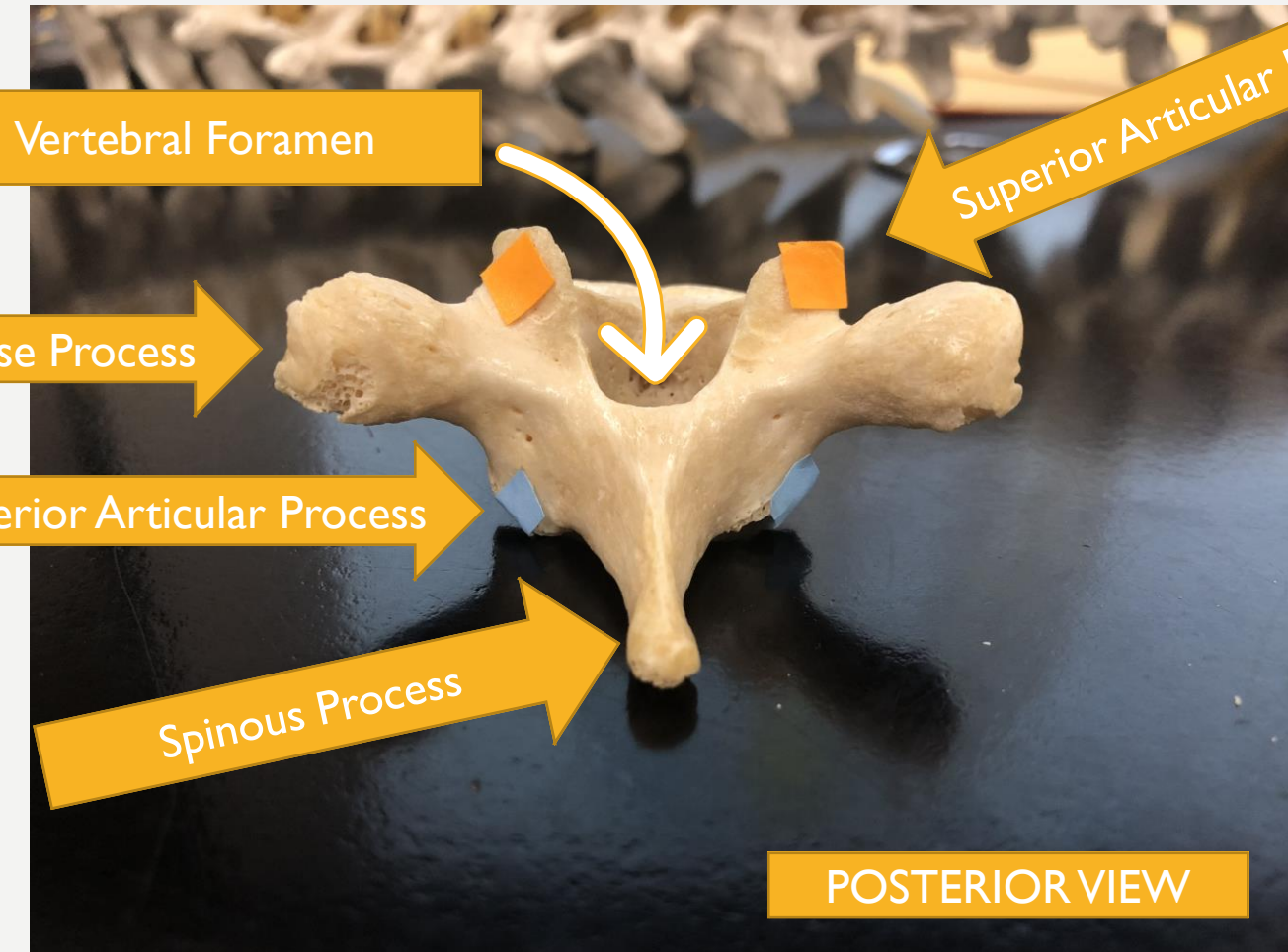
THE VERTEBRAL COLUMN

CERVICAL VERTEBRA



THE VERTEBRAL COLUMN

THORACIC VERTEBRA



THE VERTEBRAL COLUMN

LUMBAR
VERTEBRA

Vertebral Foramen

Transverse Process

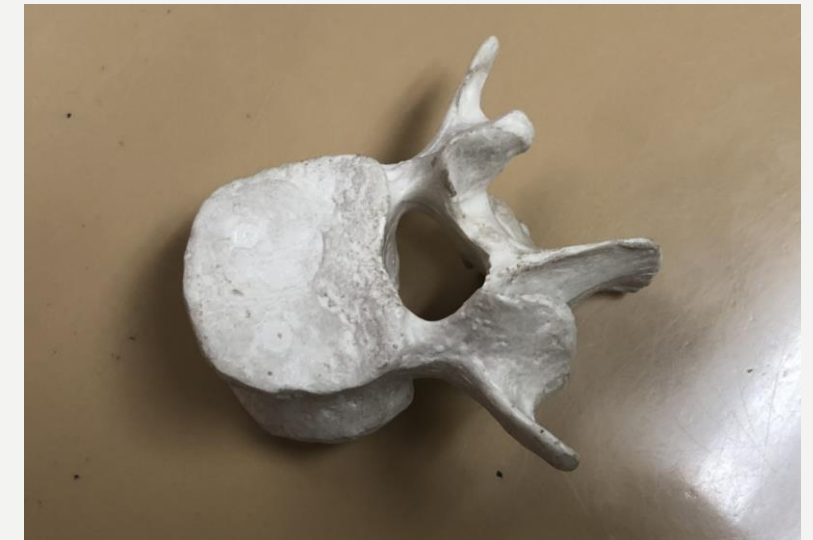
Inferior Articular Process

Spinous Process

Body

Superior Articular Process

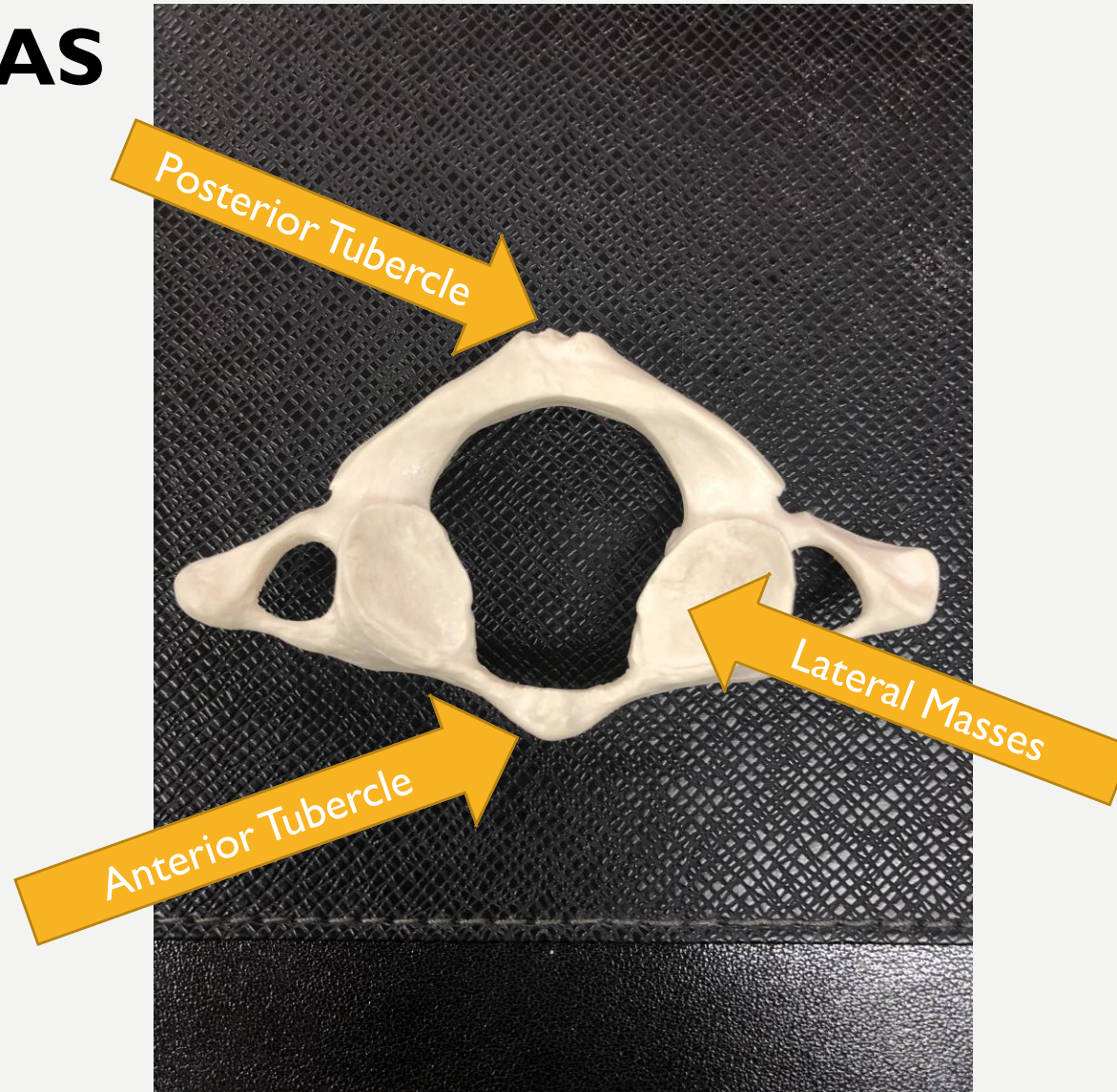
POSTERIOR VIEW



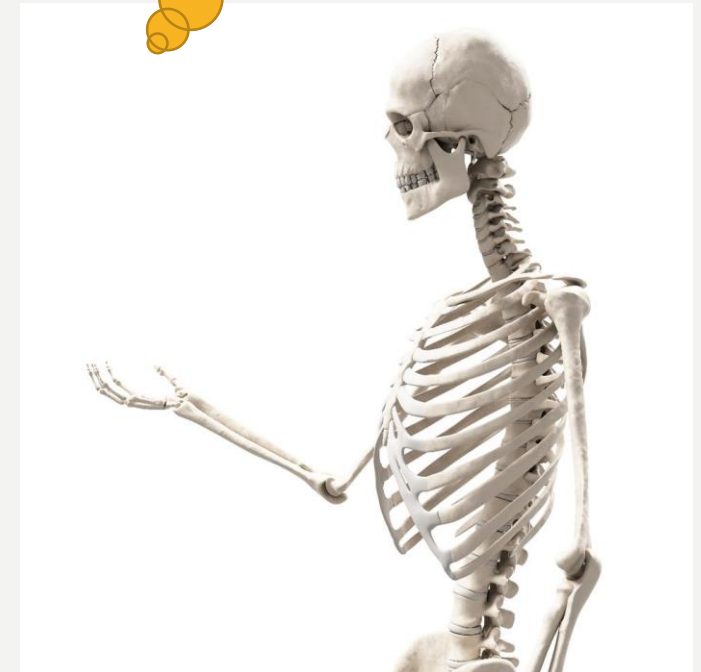
SUPERIOR VIEW

THE VERTEBRAL COLUMN

ATLAS

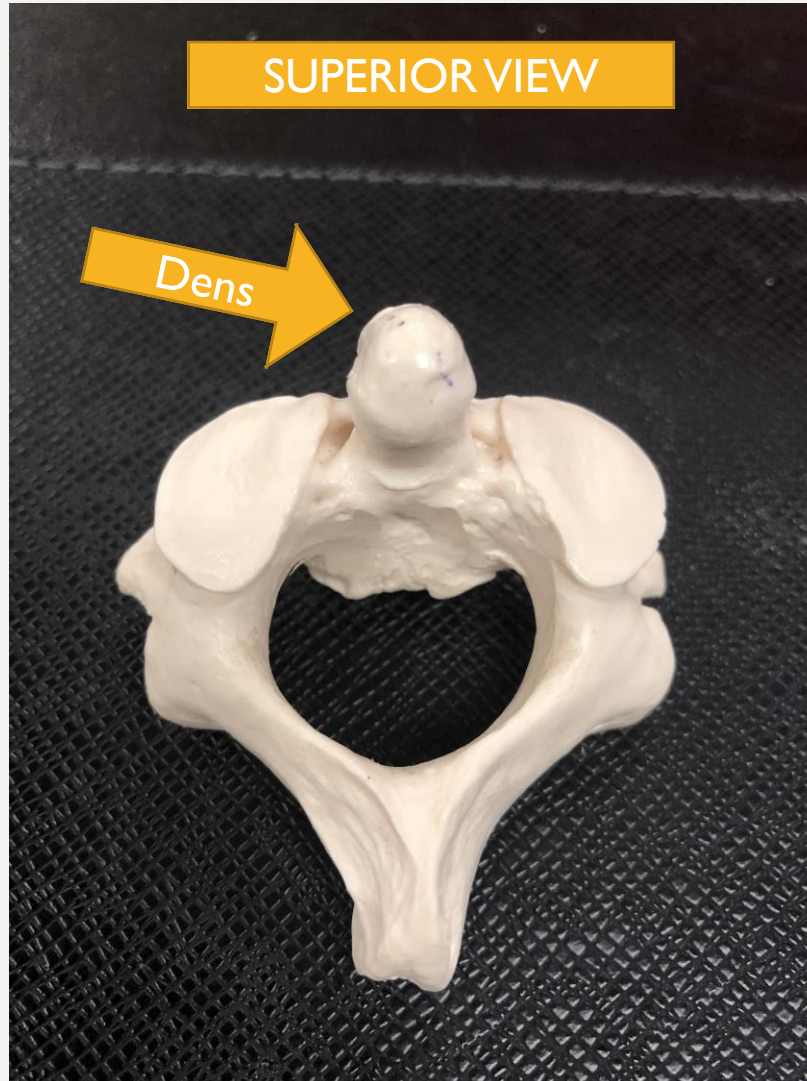


The occipital condyle located on the skull sits right on top of the ATLAS bone's LATERAL MASSES!



THE VERTEBRAL COLUMN

AXIS



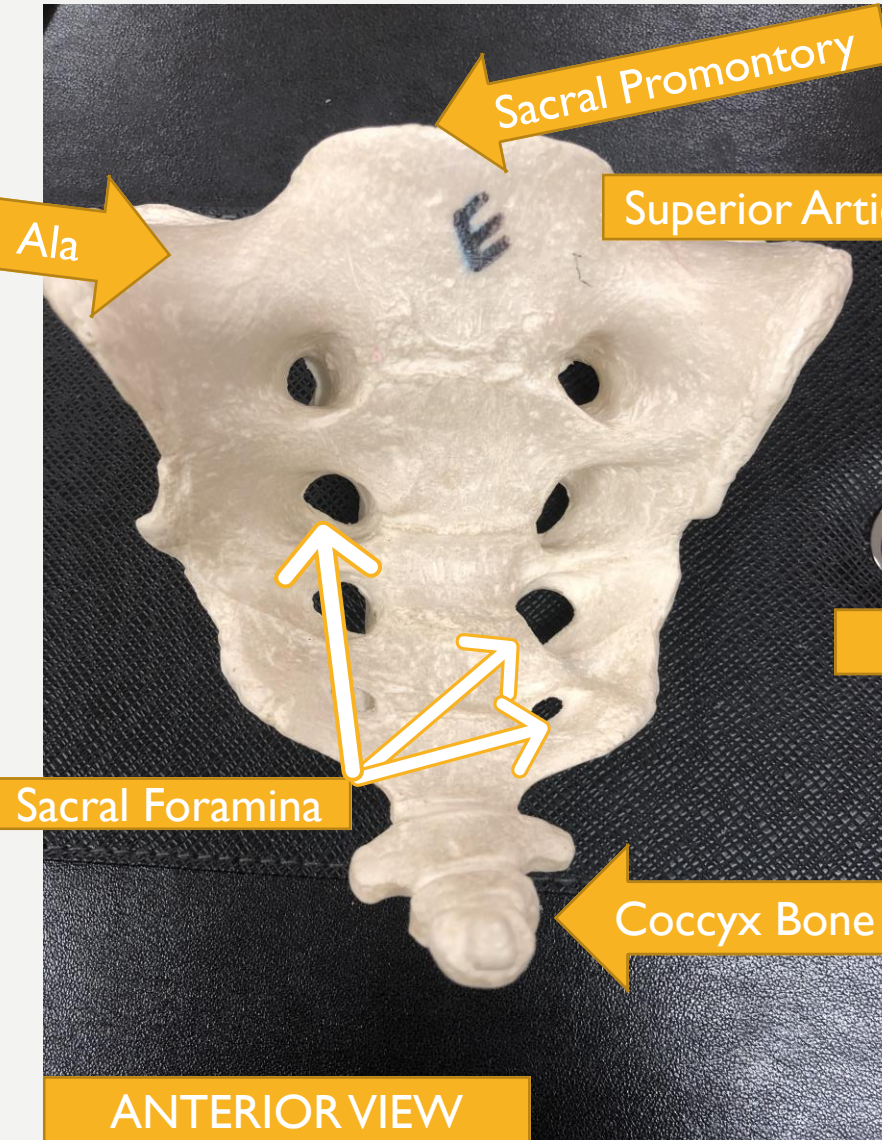
THE VERTEBRAL COLUMN

SACRUM

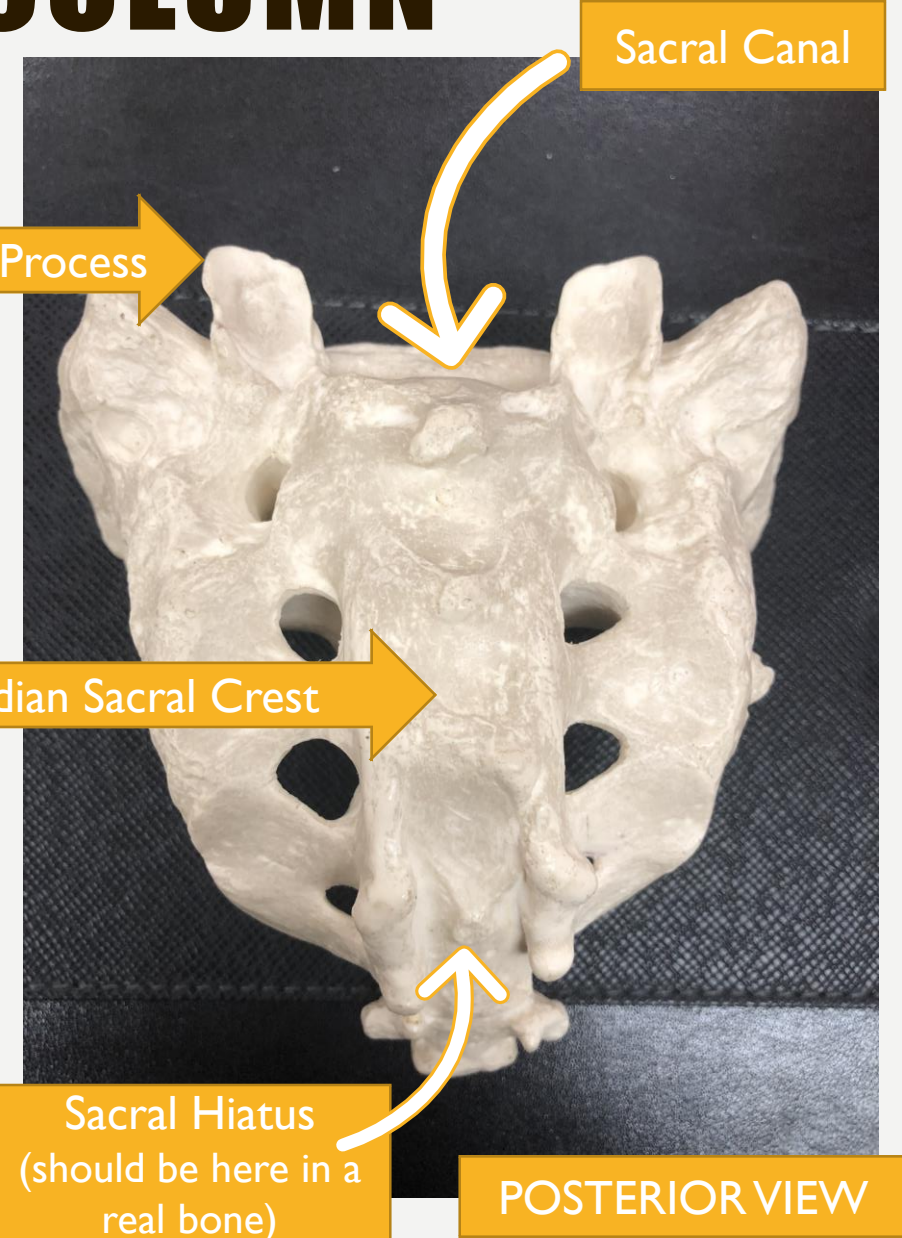
LATERAL VIEW



Auricular Surface of Sacrum



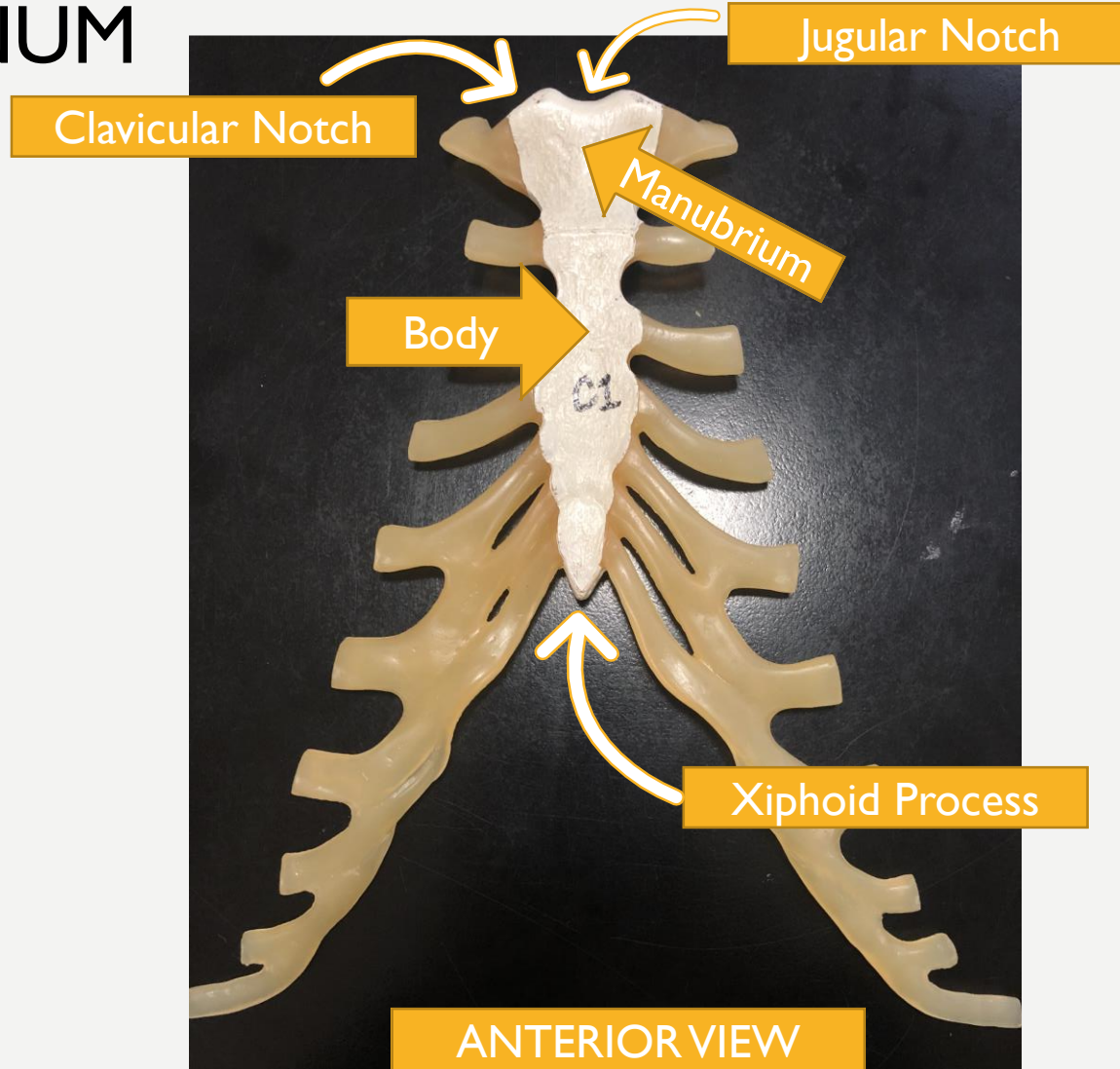
ANTERIOR VIEW



POSTERIOR VIEW

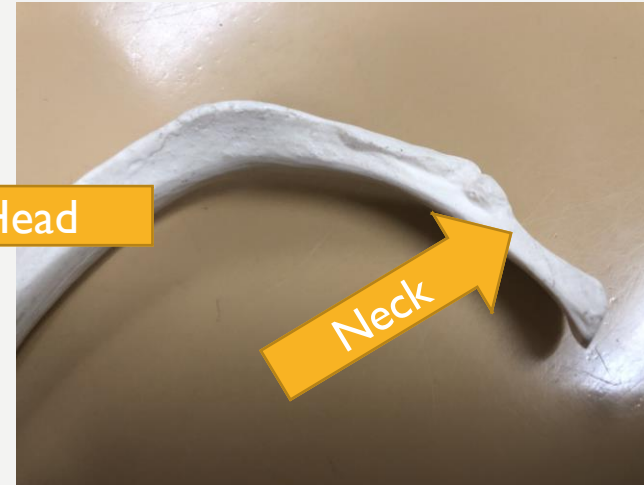
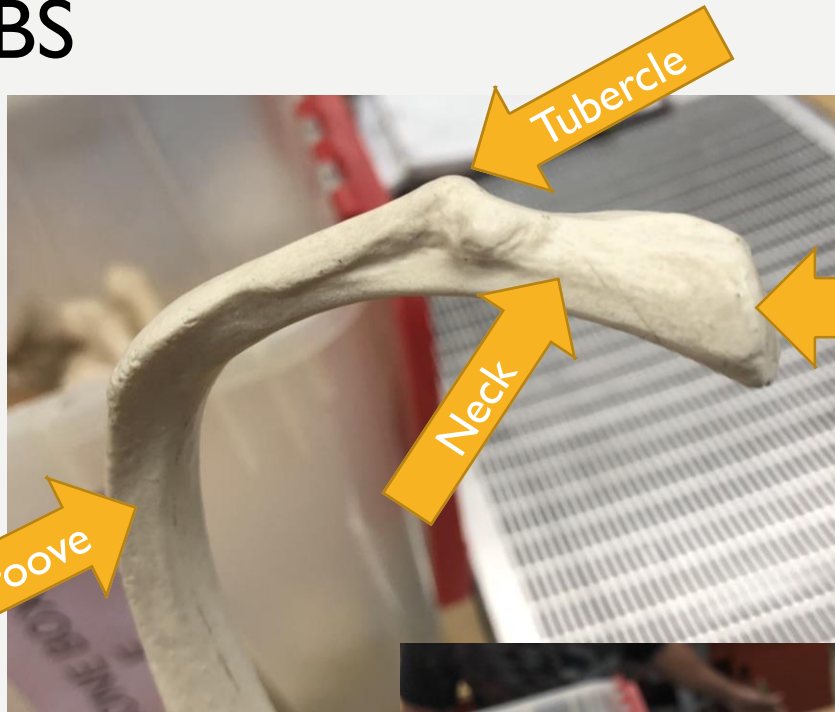
THE BONY THORAX

STERNUM



THE BONY THORAX

RIBS



Costal Groove

Neck

Head

Neck

Tubercle

Shaft

L & R
**Head of Rib –
Back
**Groove at
Bottom

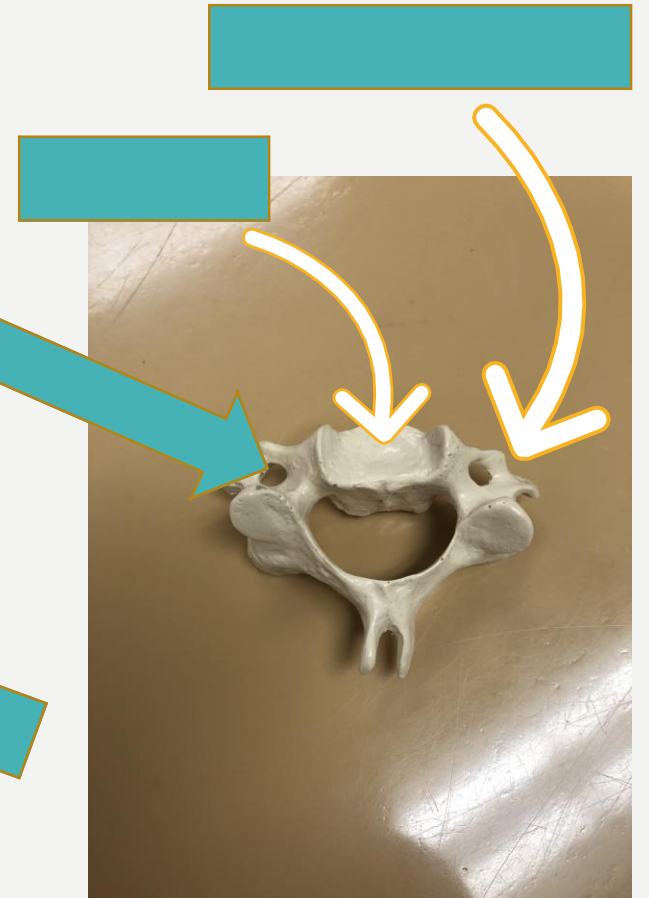
TRUE RIBS: #'s 1-7
(Directly Connect to Sternum)
FALSE RIBS: #'s 8-10
(Indirectly Connects to Sternum via Rib #7)
FLOATING RIBS: #'s 11-12
(No Connection to Sternum)

PRACTICE TEST



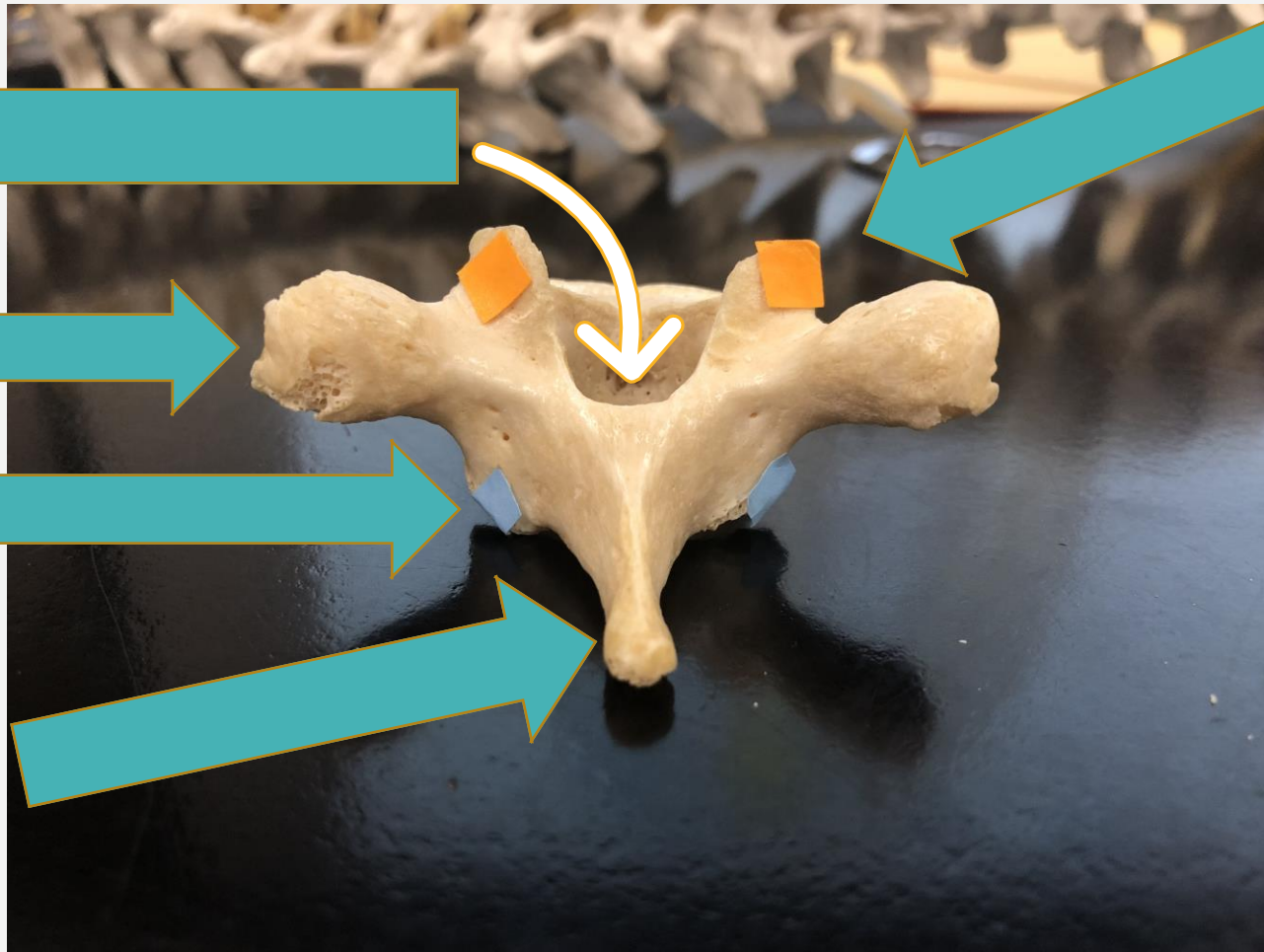
THE VERTEBRAL COLUMN

_____ VERTEBRA



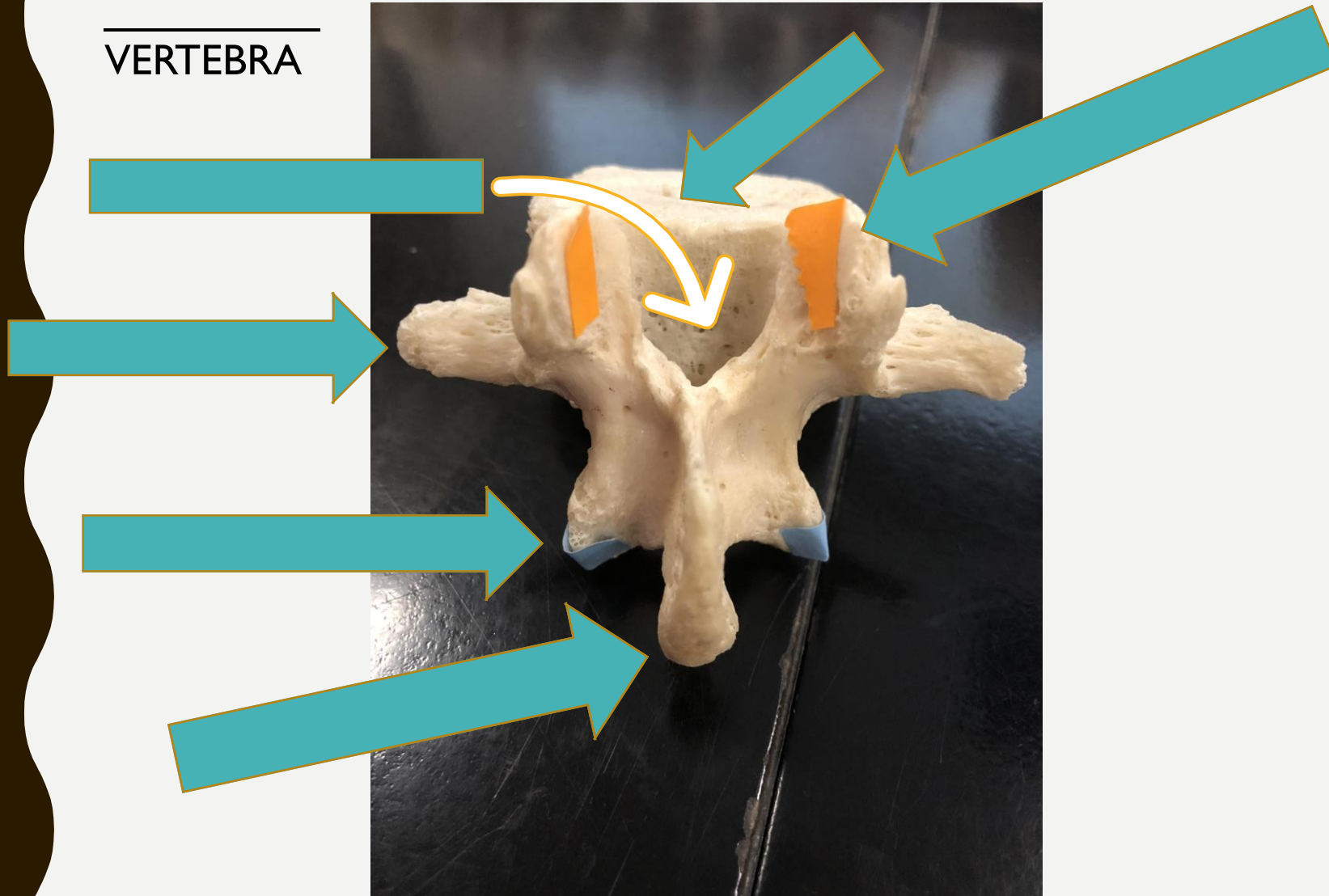
THE VERTEBRAL COLUMN

VERTEBRA



THE VERTEBRAL COLUMN

VERTEBRA

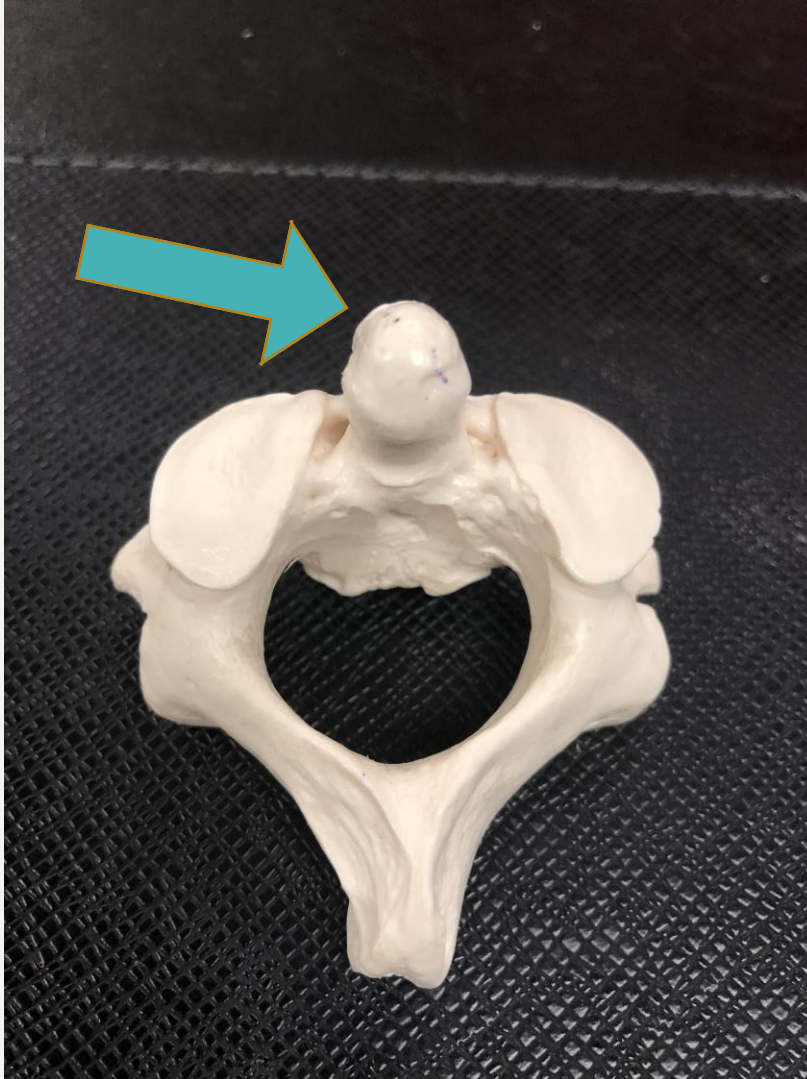


THE VERTEBRAL COLUMN



What vertebra is this?

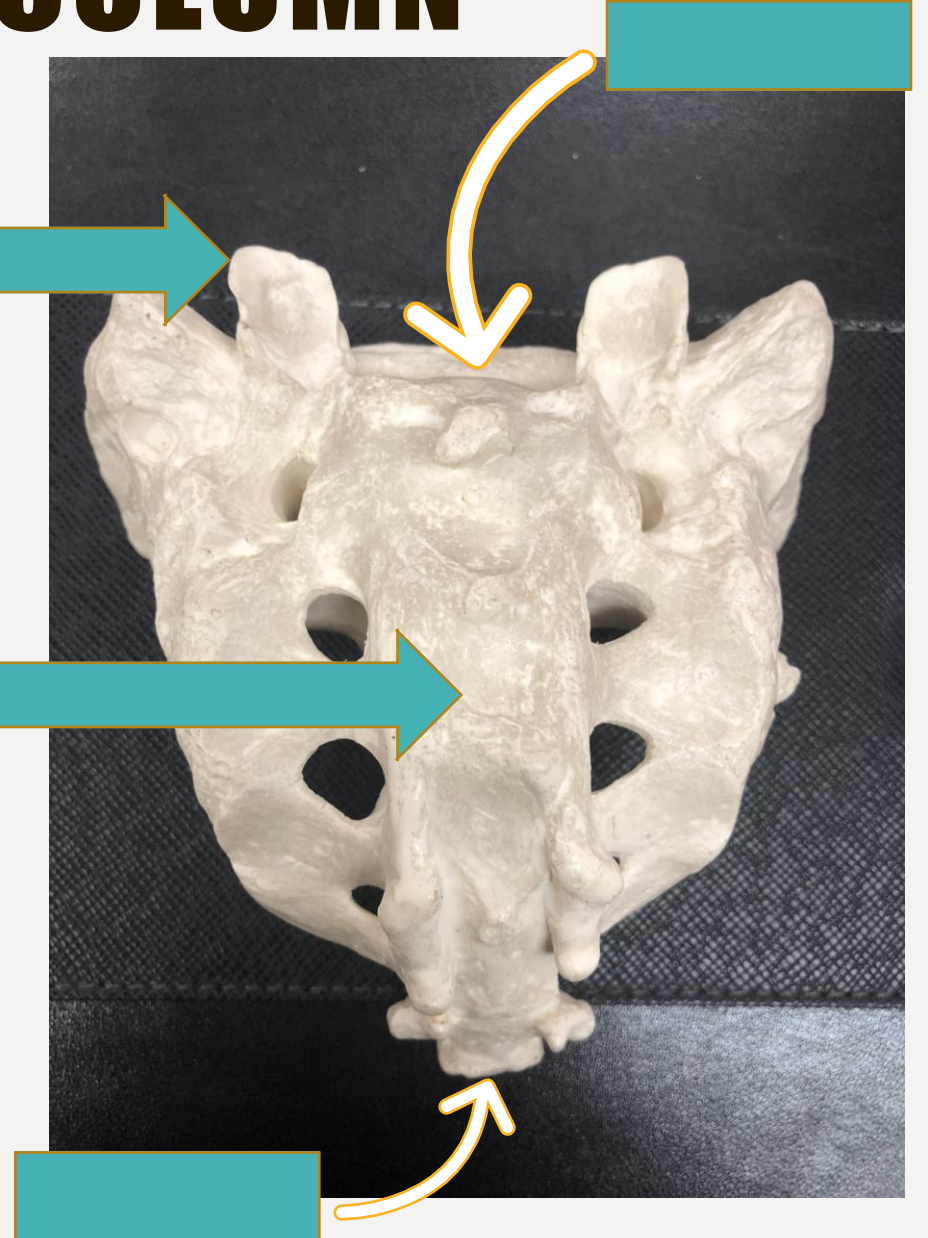
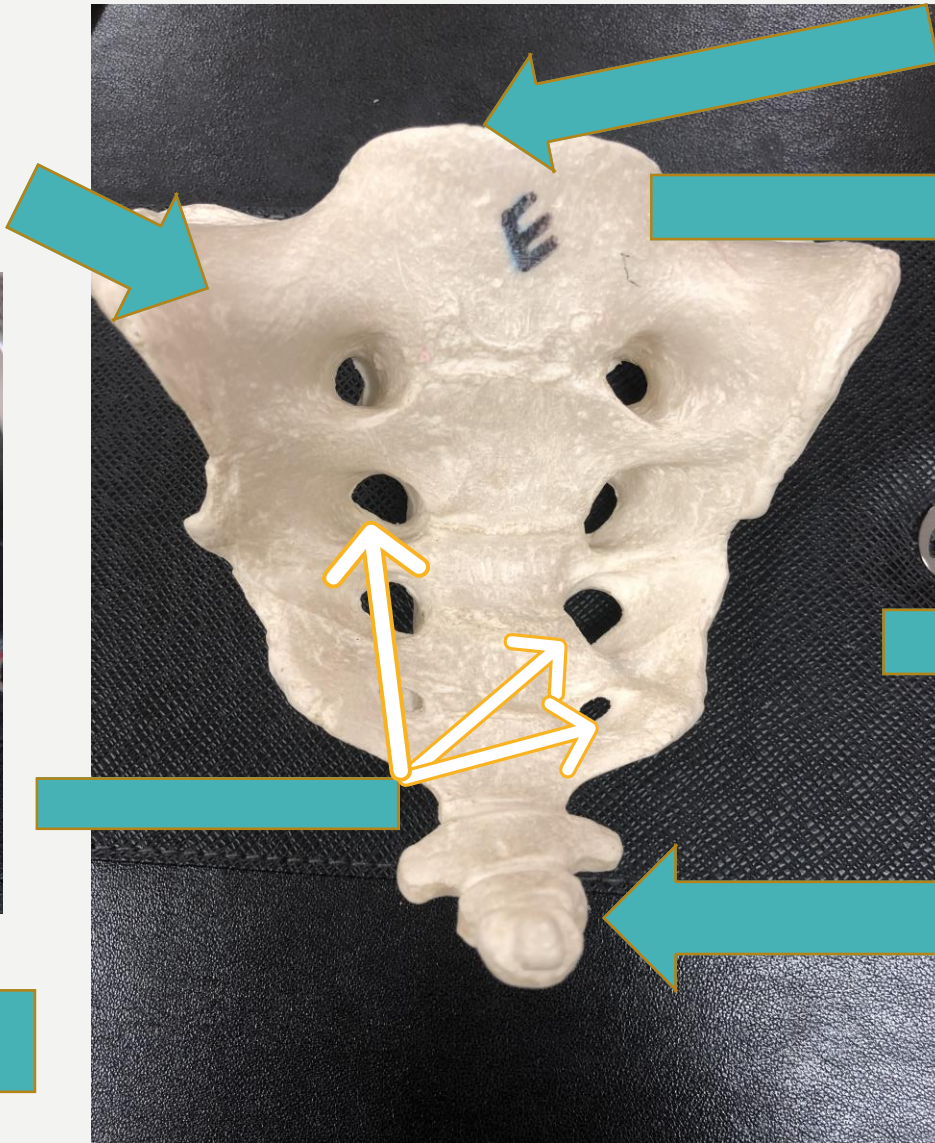
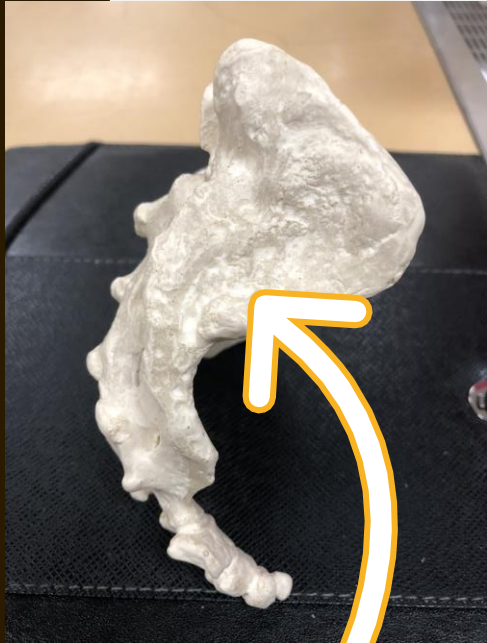
THE VERTEBRAL COLUMN



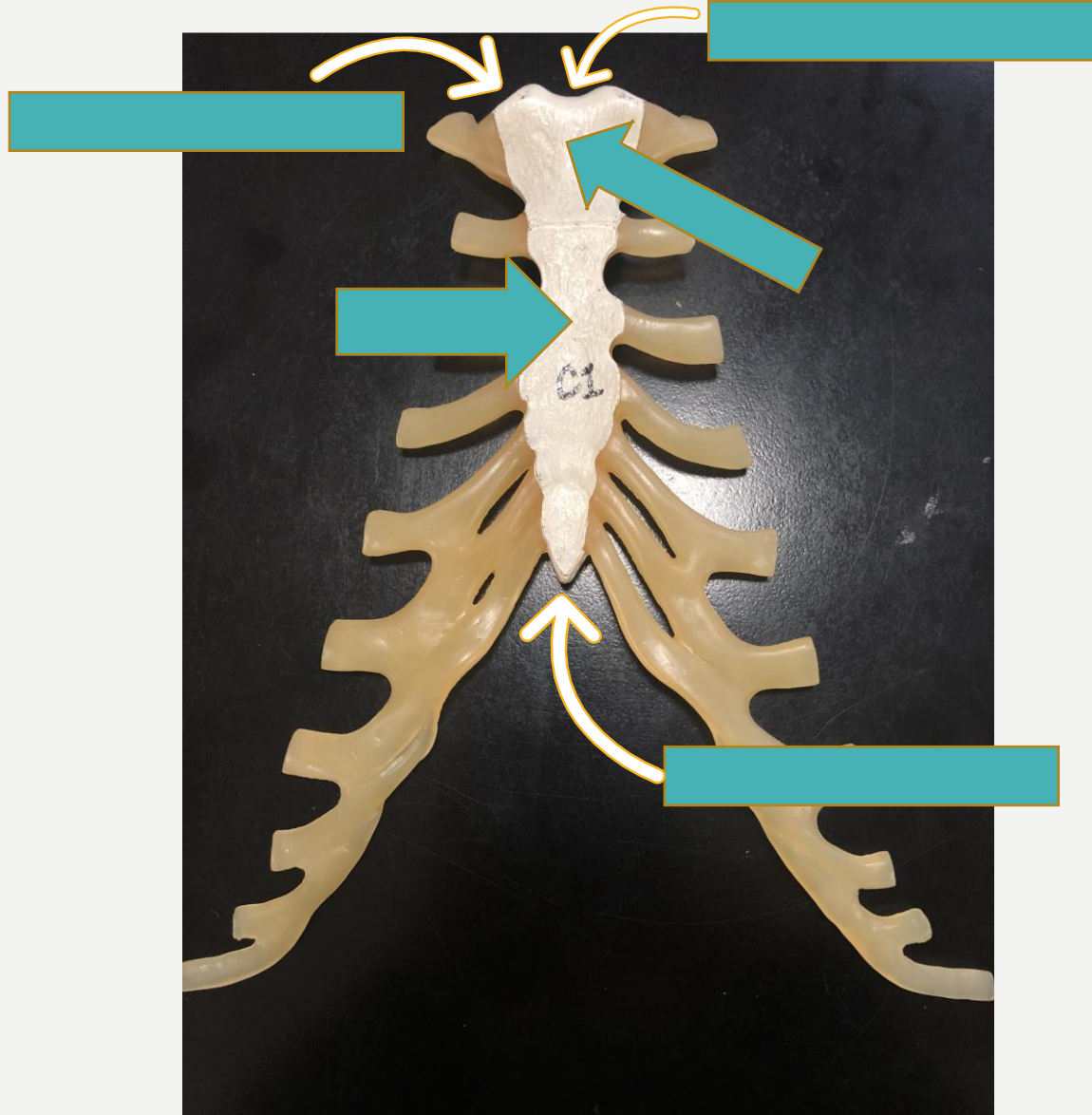
What vertebra is this?

THE VERTEBRAL COLUMN

What
bone is
this?

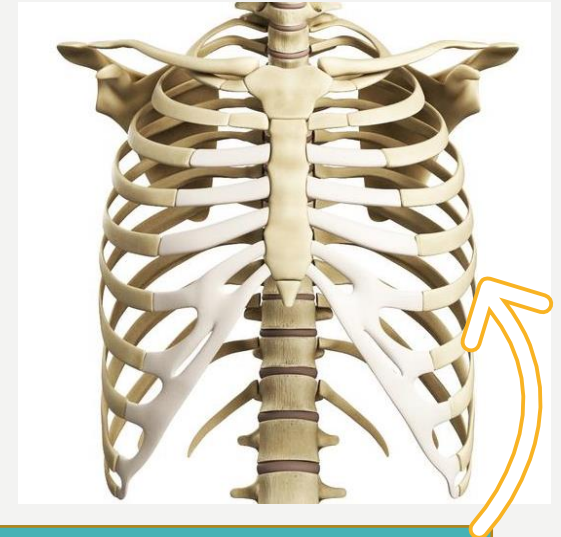
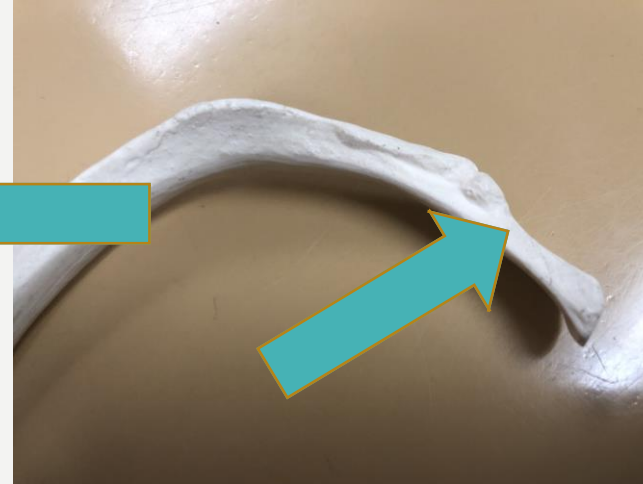


THE BONY THORAX

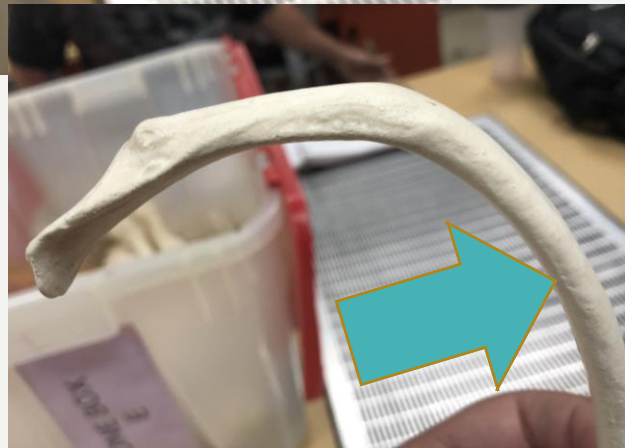


What bone is this?

THE BONY THORAX



What bones
are these?



TRUE RIBS: #'s _____
FALSE RIBS: #'s _____
FLOATING RIBS: #'s _____

How can you tell if a rib is a left or right rib?

