

Anatomical/Directional Terms:

SEE Chapter 1; pages 14 - 17

I. Directional Terms:

Where a body part is located relative to another body part.

*You must “think” in terms of the **anatomical position!**

TWO Divisions of the Body: *Axial and Appendicular Regions*

A) Axial Region (Trunk & Head)

- UP/DOWN = Superior and Inferior
- TOWARDS/AWAY from Midline of body = Medial and Lateral
- IPSI-LATERAL – body parts are on the same side
- CONTRA-LATERAL - body parts are on the opposite sides

B) Appendicular Region (Limbs)

- UP/DOWN = Proximal and Distal “down”
- TOWARDS/AWAY from Midline of body = Medial and Lateral

II. TISSUE LAYERS: SUPERFICIAL to DEEP

III. For Bipedal organisms: = Quadrupeds:

- ANTERIOR = VENTRAL
- POSTERIOR = DORSAL

IV. Planes “cuts or slices” of the body:

- A) **Transverse/Horizontal** – superior (top) and inferior (bottom)
- B) **Frontal/Coronal** – anterior (front) and posterior (back)
- C) **Midsagittal/Sagittal** – **equal** right and left sides
- D) **Parasagittal** – **unequal** right and left sides

V. Views: **NO CUT is made just a flat surface to look at.**

Note: The view is determined by **where the viewer is relative to the specimen.**

- A) **Anterior** or **Frontal** View
- B) **Posterior** View
- C) **Lateral** View
- D) **Inferior** View
- E) **Superior** View