

Name _____ Per _____

Pickle Dissection Lab

Purpose- To practice proper dissection procedures and vocabulary.

Background- Organisms are described with a special vocabulary. The following are terms that related to directions on a body:

Dorsal – the back or upper part of the animal

Ventral – the abdominal side or lower part of the animal

Cephalic – the head region

Cranial – the upper part of the head

Anterior – the forward or front end of the body

Posterior – the hind or rear part of the body

Caudal – the tail end

Transverse – the cross section

Longitudinal – along the length of the body

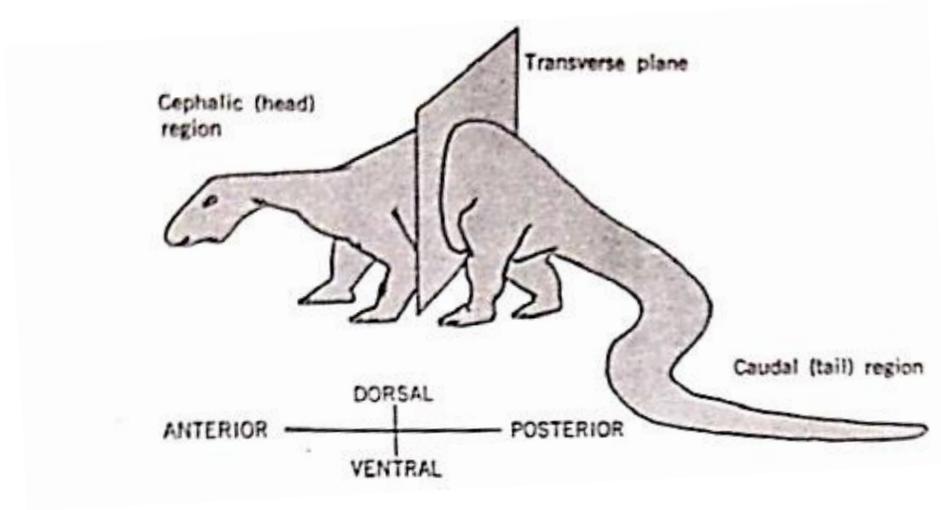
Proximal – nearest to, or at the point of origin or attachment

Distal – farthest from origin or point of attachment

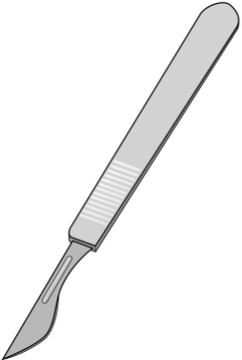
Sagittal - along the median plane

Exterior – outside the body

Interior – inside the body

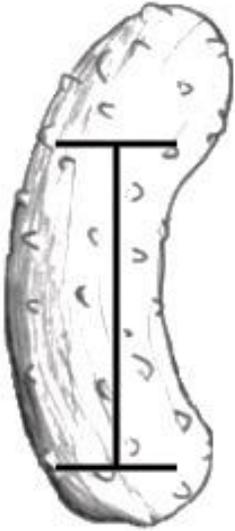


Materials- Dissecting Pan, Dissecting Pins, Scalpel, Blunt Probe, Dissecting Needle, Forceps, Paper Towel

Scalpel	Blunt Probe	Dissecting Needle	Forceps	Dissecting Pan	Dissecting Pins
					

Procedure-

1. Examine your pickle. Locate the anterior and posterior ends of your pickle. (The “head” is the stem end). Also locate the dorsal and ventral side of your pickle. (The dorsal side arches out). Note any scars or wounds found on your pickle in the space below:
2. Put your pickle in the dissecting tray. Pin your pickle ventral side up by placing a pin in the anterior and posterior ends of your pickle.
3. Use your scalpel to open the ventral body cavity by making a deep, I-shaped incision longitudinally, as shown in the diagram below. This area can be opened like hinged doors to expose the internal organs. **DO NOT** cut the pickle in half.



4. Use dissecting pins to hold the pickle open. Pin the flaps at their most distal point.
5. Examine the interior of the body, then use your blunt probe, dissecting needle and forceps to remove the seeds from the pickle without removing the flesh. Record the number of seeds you removed in the box below:

Analysis & Conclusion-

1. Draw your pickle below and label the following directional terms on it: anterior, posterior, dorsal, ventral.

2. If you were asked to make 2 transverse cuts to remove a section of your pickle, draw a picture below of what that section of pickle would look like.

3. What type of symmetry does your pickle have? _____

4. List all safety precautions taken during this dissection lab: