

Name: _____ Period: _____

Lab 28: Virtual Fetal Pig Dissection – Day 1

Day 1: Anatomical References and Sexing Your Pig

Go to this website: <http://www.whitman.edu/biology/vpd/main.html>

You will be doing a pig dissection through the internet and answering questions as you go.

Anatomical References: Begin by clicking on the link for anatomical references

Regions of the Pig:

1. What are the five main regions on the pig?
2. What organs do you think the cranial region holds?
3. What organs does the pectoral region probably hold?
4. What organs does the pelvic region hold?
5. What organs does the caudal region hold?

Anterior/Posterior:

1. By looking at the picture anterior means what?
2. Posterior means what?
3. A transverse plane cuts the pig into what two pieces?
4. A sagittal plane cuts the pig how?

Dorsal/Ventral:

1. Looking at the picture, Dorsal means what?
2. Looking at the picture, Ventral means what?
3. What is a frontal plane?
4. Is the belly considered dorsal or ventral?
5. Is the backbone or spinal chord considered dorsal or ventral?

Medial/Lateral:

1. The picture says that A is medial with respect to B, so what does medial mean?
2. What does lateral mean?
3. If you were asked to cut the pig down a midsagittal cut, where would you cut the pig?

Proximal/Distal:

1. What area is the point of reference?
2. What does proximal mean?
3. What does distal mean?
4. Is point A proximal or distal compared to point B?
5. Is point B proximal or distal compared to point A?

Sexing Your Pig: Begin by clicking on the link for sexing your pig

1. Is it a male?
 - a. Do male pigs have mammary glands or nipples?
 - b. Towards the caudal region (anus) the male pig is lacking a _____.
 - c. What are the swelling areas on a male pig ventral to the anus?
 - d. What do these contain?
 - e. Where is the urogenital opening on a male pig?
2. Is it a female?
 - a. What organ does the female pig have beneath their tail?
 - b. In a female what two things exit from the anal region?
 - c. Where is the urogenital opening on a female?