

## Lab 1: Lab Report

**This report must be submitted to me. The "Start Here" module describes ways to submit labs. You may use additional paper, as needed.**

**\*Use the information in the "Lab 1: A Frame of Reference for Anatomical Studies" link AND your text to answer the questions below.**

**You are responsible for All of the information on the "Lab 1: A Frame of Reference for Anatomical Studies" for Exam 1.**

### Terminology and the Body Plan

**1. Demonstrate that you understand anatomical position by:**

**A. describing the position of the body and the limbs in words (*describe it is though you were attempting to explain, over the phone, to a non-medical person how to get into anatomical position*)**

**B. drawing a stick figure of anatomical position**

**C. Why is a universal understanding of this position important?**

**2. Use the directional terms found in your lab to complete the following statements. More than one term may apply! Remember to use the most appropriate term.**

1. The forehead is \_\_\_\_\_ to the nose.
2. The chin is \_\_\_\_\_ to the mouth.
3. The eye is \_\_\_\_\_ to the ear.
4. The eye is \_\_\_\_\_ to the bridge of the nose.
5. Skin is \_\_\_\_\_ to skeletal muscles.
6. The lungs are \_\_\_\_\_ to the ribs.
7. The shoulder is \_\_\_\_\_ to the elbow. (Don't use superior or cranial.)
8. The hand is \_\_\_\_\_ to the elbow. (Don't use inferior or caudal.)
9. If your stomach is touching the bed, you are in a \_\_\_\_\_ position.
10. If your back is touching the bed, you are in a \_\_\_\_\_ position.

11. Toward the back (of the body) (two terms) \_\_\_\_\_ and \_\_\_\_\_.

12. Toward the front (of the body) (two terms) \_\_\_\_\_ and \_\_\_\_\_.

**3. List the anatomical name for the common body parts and regions listed below.**

1. _____ foot	8. _____ wrist	15. _____ armpit
2. _____ buttock	9. _____ ear	16. _____ calf
3. _____ mouth	10. _____ nose	17. _____ hand
4. _____ thumb	11. _____ forearm	18. _____ skull
5. _____ chin	12. _____ ankle	19. _____ toes
6. _____ naval	13. _____ breast	20. _____ face
7. _____ head	14. _____ heel	21. _____ elbow (

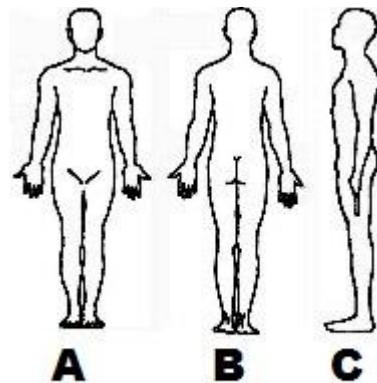
**4. List **ONE** organ that is found within each of the following regions and quadrants.**

- 1.umbilical region contains \_\_\_\_\_
- 2.right lumbar regions contains \_\_\_\_\_
- 3.left lumbar region contains \_\_\_\_\_
- 4.epigastric region contains \_\_\_\_\_
- 5.right hypochondriac regions contains \_\_\_\_\_
- 6.left hypochondriac regions contains \_\_\_\_\_
- 7.hypogastric region contains \_\_\_\_\_
- 8.right iliac regions contains \_\_\_\_\_
- 9.left iliac regions contains \_\_\_\_\_
- 10.right upper quadrant contains \_\_\_\_\_
- 11.left upper quadrant contains \_\_\_\_\_
- 12.right lower quadrant contains \_\_\_\_\_
- 13.left lower quadrant contains \_\_\_\_\_

**5. Draw lines on the figures below that represent the respective planes asked in the following 4 items. Note that credit will only be given if the correct line is drawn on the correct figure; and all lines should be simple single straight lines through the figure in question. You will not be given credit for attempting more elaborate representations than a single straight line for each plane. Label your lines with either the number of the item or the name of the plane that the line represents.**

1. Sagittal plane 1 – specifically a **mid-sagittal**, or median, plane (must draw this as a single straight line on figure A)

2. Sagittal plane 2 – specifically a **para-sagittal** plane this time (must draw this as a single straight line ALSO on figure A, but it should not be on top of, or even too close, to the mid-sagittal plane line)
3. Transverse or horizontal plane – draw this as a single straight line on figure B
4. Frontal or coronal plane – draw this as a single straight line on figure C



6. List and briefly describe five types of medical imaging.