

Human Anatomy: Dissection of a Candy Bar (20 points)  
Chapter 1

Purpose: To practice dissecting skills and use anatomical terminology.

**CLASS**  
**Copy!**

Materials:

- Dissecting tray (paper plate)
- Paper towel
- Anatomical terminology list

- Scissors
- Metric Ruler
- White paper
- Tape

*← USE YOUR NOTES*  
*← candy bar*

♦ Note: Imagine the candy bar is a 4-legged animal, so establish front (rounded side), back (flat side), head, & tail regions. → *DRAW 2 HEADS & LIMBS ON YOUR PAPER PLATE*

Procedure: (Any information recorded on the extra paper should be accompanied by the procedure number it matches.) \* *VERY IMPORTANT*

\* *Remember that this "animal" WALKS ON FOUR LEGS!*

1. Label one end of the dissecting tray anterior and the other end posterior.
2. Draw upper and lower extremities as well as a head on your paper plate around the candy bar which is the body. Place the candy bar with wrapper removed on the tray with its head end at the anterior end of the tray, ventral side up (curved side of the candy bar).
3. Before continuing, create sketches on white paper of your candy bar labeling: anterior, posterior, ventral, dorsal, medial, lateral, cephalic, caudal. (This will require more than 1 sketch of your imaginary animal candy bar to show the various regions.) NOTE: remember this is a 4-legged animal NOT a human when assigning regions. (8 points) \*
4. Turn your candy bar over and observe the dorsal side. Describe how it is different from the ventral side (i.e. size, texture, etc.). Do this on your extra paper. (2 points) \*
5. Carefully make a complete transverse incision through your candy bar. Draw the cross-sectional view on your paper making sure to color different parts of the candy bar accordingly (i.e. distinguish caramel from nougat or chocolate using colors and labels). State what regions of your candy bar were divided using this cut. (i.e. \_\_\_\_\_ cut divides anterior from posterior regions). NOTE: Remember this is an animal not a human when assigning regions and cuts! (3 points) \*
6. Carefully make a mid-sagittal cut through one of the pieces created in #5. Draw the mid-sagittal view on your paper making sure to color different parts of the candy bar accordingly (i.e. distinguish caramel from nougat or chocolate using colors and labels). State what regions were divided in this cut. (3 points) \*
7. Do a frontal cut through the other half of your transverse cut from #5. Draw the frontal view on your paper making sure to color different parts of the candy bar accordingly (i.e. distinguish caramel from nougat or chocolate using colors and labels). What regions did you divide in this cut? What is the other name for this type of dissection cut? (4 points)
8. When all of the above steps are completed, show me your dissected candy bar. If approved, ENJOY!!
9. Turn your lab answers in to me. Your grade will be determined by your answers & lab technique.

**CANDY BAR GAME: For Fun!**

DIRECTIONS: Name the candy bar described below.

1. Swashbuckling trio of old	5. Where famous movie stars live	9. A famous avenue	13. Twin letters
2. Indian burial ground	6. Not quite a laugh	10. Superman's reporter name	
3. A galaxy	7. Famous author	11. A way of affection	14. Hard to hold on to
4. A red planet	8. A famous baseball player	12. Employee's favorite day	