

## PROPORTION BY HEIGHT AND THE FIGURE TYPES

Name \_\_\_\_\_ Period \_\_\_\_\_ Date Due \_\_\_\_\_

### PROPORTION:

All body proportions are different, to determine your body type, follow these directions.

1. Take the following measurements:  
(Enter them in the corresponding blanks and in the spaces next to the figures.)

1. Top of head to floor \_\_\_\_\_

2. Top of head to hips \_\_\_\_\_

3. Hips to floor \_\_\_\_\_

4. Top of head to underarm \_\_\_\_\_

5. Underarm to hip \_\_\_\_\_

6. Hip to knee \_\_\_\_\_

7. Knee to floor \_\_\_\_\_

8. Underarm to waist \_\_\_\_\_

9. Waist to hip \_\_\_\_\_

**NOTE:** To measure proportions, tape paper to a wall, from the floor to slightly above your head. Students working together will mark with a pencil the break points on the paper. Work in groups of 2 or 3 (The points to mark are detailed in #1-9 above)

Follow the directions on the following Length Proportions information sheet. This is also part of your assignment.

**LENGTH:**

A body in exact proportions would be divided into proportions of equal length. (see figure on length proportions page)

2. Take height measurement and divide it by 4. The answer is 1/4 of body height. Example: 60" divided by 4 = 15"

What is your total height measurement divided by 4 \_\_\_\_\_ ?

3. The answer to question 2 (example 15") should be the same as the 1/4 measurements for numbers 4,5,6 and 7. How close do your measurements come to perfect proportions?

My actual measurements for number 4 is \_\_\_\_\_

for number 5 is \_\_\_\_\_

for number 6 is \_\_\_\_\_

for number 7 is \_\_\_\_\_

4. Is the measurement for the top half of your body the same as the measurement for the bottom half of your body \_\_\_\_\_? If no, (and many will be) explain.

5. Is the measurement for the underarm to waist the same as the waist to hip? \_\_\_\_\_ If so, your waist proportions are in line.

- If measurement number 8 is one or more inches longer than measurement number 9, you could be considered long waisted.
- If measurement number 8 is one or more inches shorter than measurement number 9, you could be considered short waisted.