

Drawing the body.

Objective: I can draw a body 8 heads tall. The objective is to draw a body using a stick figure and fleshing it out with clothing using comparative measure.

1. With a ruler measure and write down the following using inches:
 - A. Your hand from the heel to the tip of the longest finger. _____ inches.
 - B. Your medieval hand – from below the wrist bone to the tip of the longest finger. _____ inches.
 - C. Your elbow to the tip of the longest finger. _____ inches.
 - D. Your knee down to your heel. _____ inches.
 - E. Your foot – the bottom of your foot from heel to toes. _____ inches
 - F. Your elbow to the wrist bone. _____ inches
 - G. Your hair line to your chin. _____ inches.
 - H. Your head – from the bottom of the chin to the crown of your head. _____ inches.
 - I. The length from finger tip to finger tip when you stretch your arms out to the side like you are flying. _____ inches.
How does this compare to your height ? Circle one.
 - A. My height is longer than my wing span.
 - B. My height is shorter than my wing span.
 - C. My height is the same as my wing span.

2. When standing up with your arms hanging at your sides, bend your elbow. Where does your elbow hit your body? (Such as: The bottom of the ribs, your waist, your hip bone, your belly button.)

3. When standing up with your arms hanging at your sides, where do the tips of your fingers come? (Ex. To the groin, to mid-thigh, $\frac{3}{4}$ way to the knee, etc.)

4. When you bend your elbow and touch your shoulder, where do the tips of your fingers land?

5. Are any of your body parts, (that you measured), close to the same length? What were they?

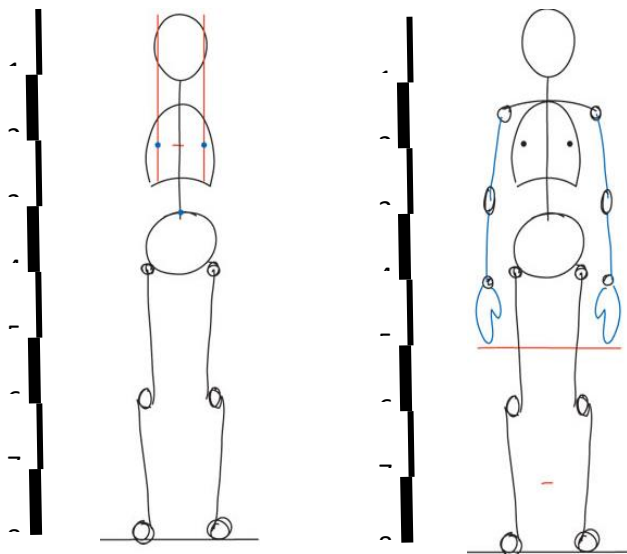
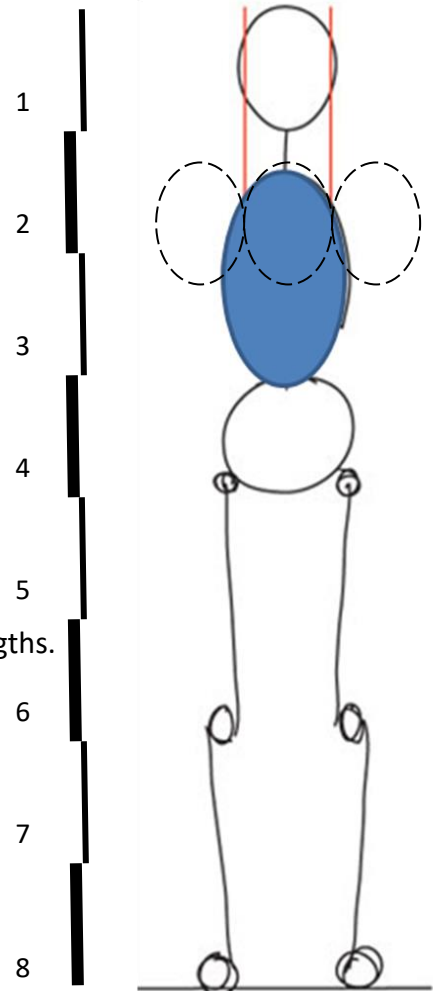
Drawing the body: Using the head length as a measurement.

When drawing the face, artists use the eye as a comparative measure. When drawing the body, artists use the length of the head as a comparative measure. The body is drawn in four ways: The normal

person is about 7 ½ heads tall. The Idealistic body is 8 heads tall. The model body is 8 ½ heads tall. The heroic or superman figure is 9 heads tall. This lesson will use the idealistic body that is 8 heads tall. Directions for drawing the person on the work sheet.

1. Use pencil to draw in the body.
2. The head is provided.
3. Start out with a stick man:

- A. Draw the hips from line three to line four.
- B. Draw the hip joints. The legs are half of the body.
- C. Draw circles for the knees (6 heads) and Ankles (8 heads).
- D. Draw lines for the thighs that go from the hip joints to the inside of the knee joint.
- E. Draw lines for the lower leg that goes from the outside of the knee to the inside of the ankle.
- F. Draw an oval that starts ½ the way between inch 1 and inch 2. End the oval at the bottom of inch three. This is the chest and abdomen.
- G. Erase and refine the rib cage following the diagram.
- H. The belly button is on the 3 inch line.
- I. The nipples are on the 2 inch line about 1 head width apart.
- J. The shoulders are 2 to 3 head widths or two head lengths.
- K. The elbows are at the belly button.
- L. The wrists are at the space between the legs.
- M. The finger tips fall about ½ way between four and five.

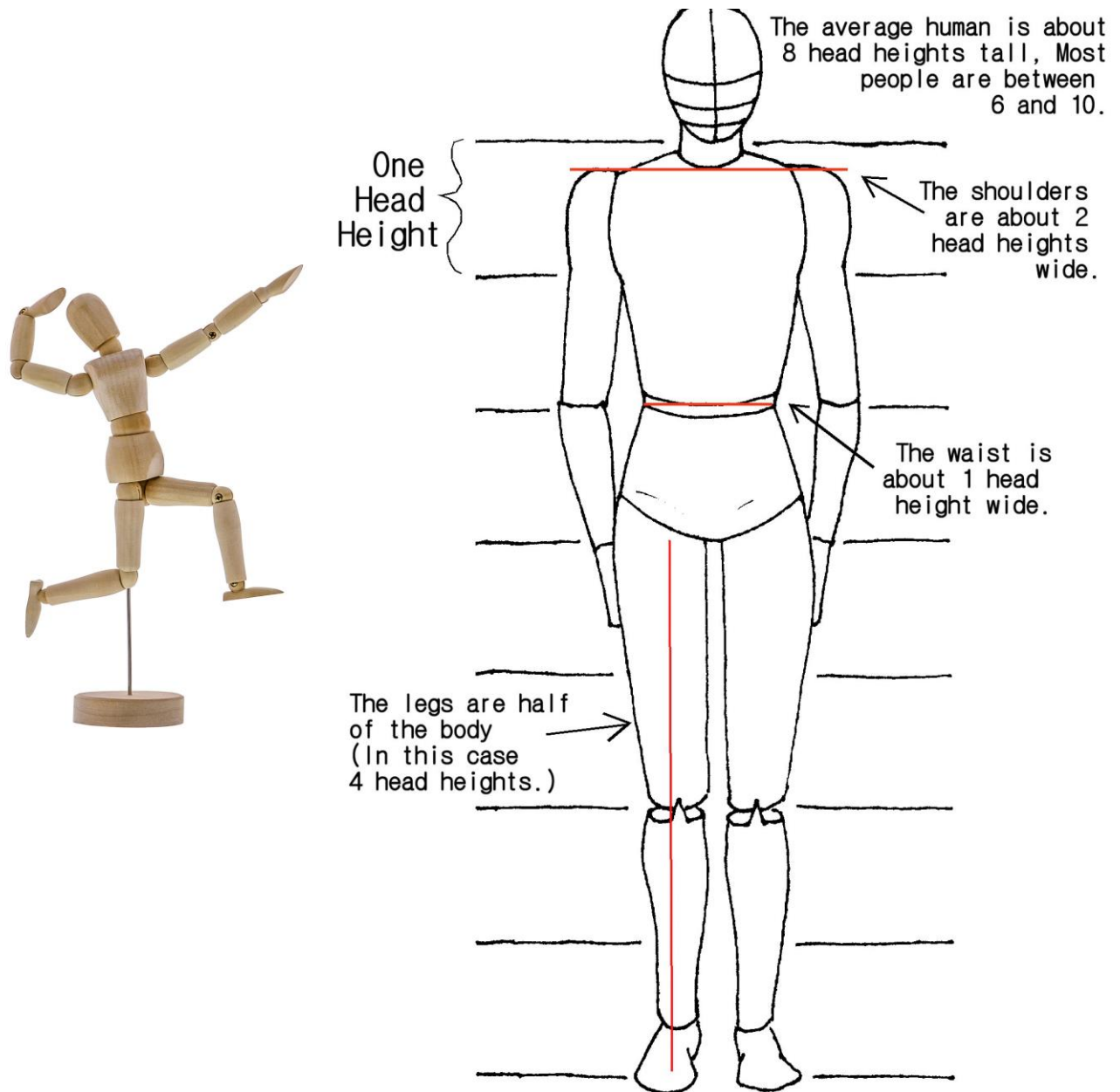


4. Flesh out with cylinders.

5. Use a pen to sketch in the clothing.

Challenge yourself – try to bend one arm at the elbow so that it looks like the person is waving.

**notice that the shoulders can be measured in head heights and head widths. It is easier to use the head height as the width of the head is not always accurate.



Images from: http://img02.deviantart.net/c284/i/2004/322/8/6/body_proportions_tutorial_by_crazy_fae.jpg and

<http://design.tutsplus.com/articles/human-anatomy-fundamentals-basic-body-proportions--vector-18254>