

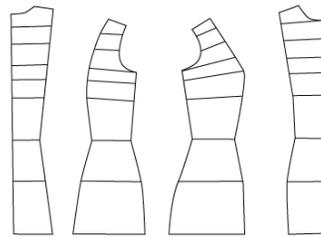
# Missa's Sense-Making Mathless Draft

The Printer Friendly Version

You will need:

- Double sided velcro
- A helper
- Tight fitting clothing

Let's get started with horizontal velcros!

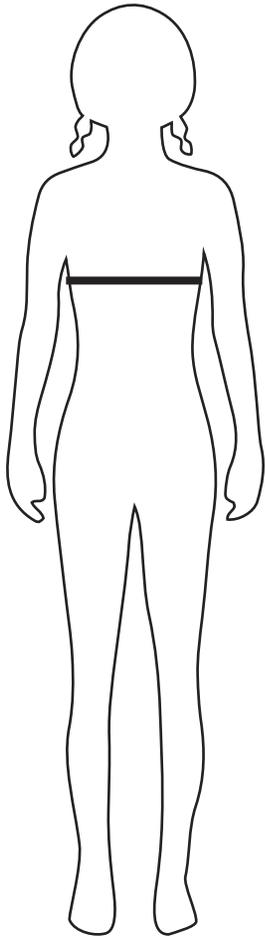


This draft results in a set of long-line princess pieces that can be used a starting point for further patten development.

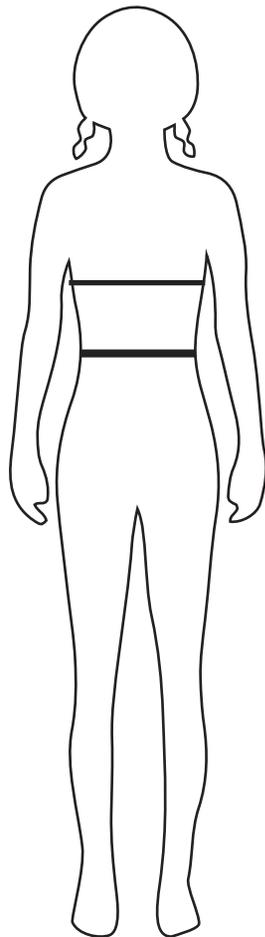
<- They'll look a bit like this.

Need more words with this? The original article is online at:

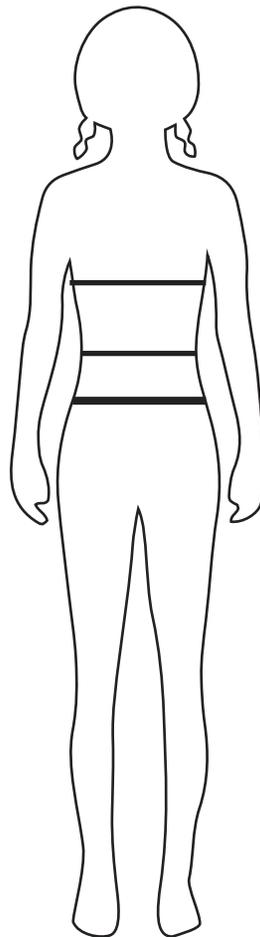
<http://www.sempstress.org/demo/missas-sense-making-mathless-draft/>



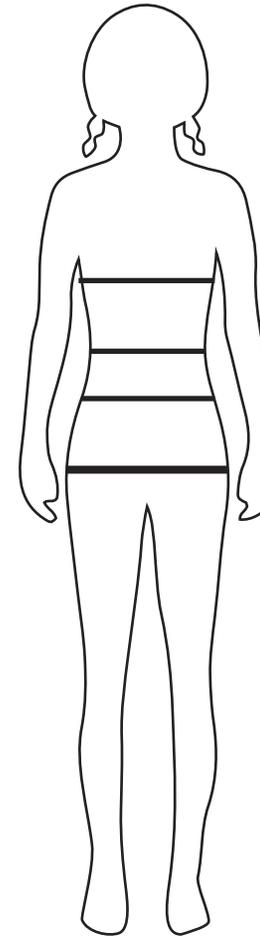
1) Bust



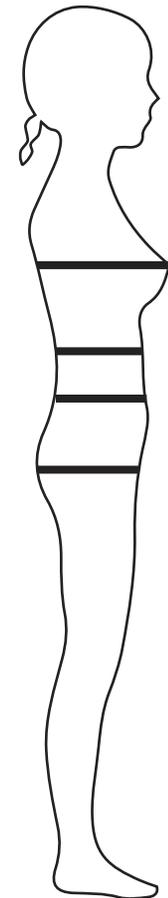
2) Waist



3) High Hip

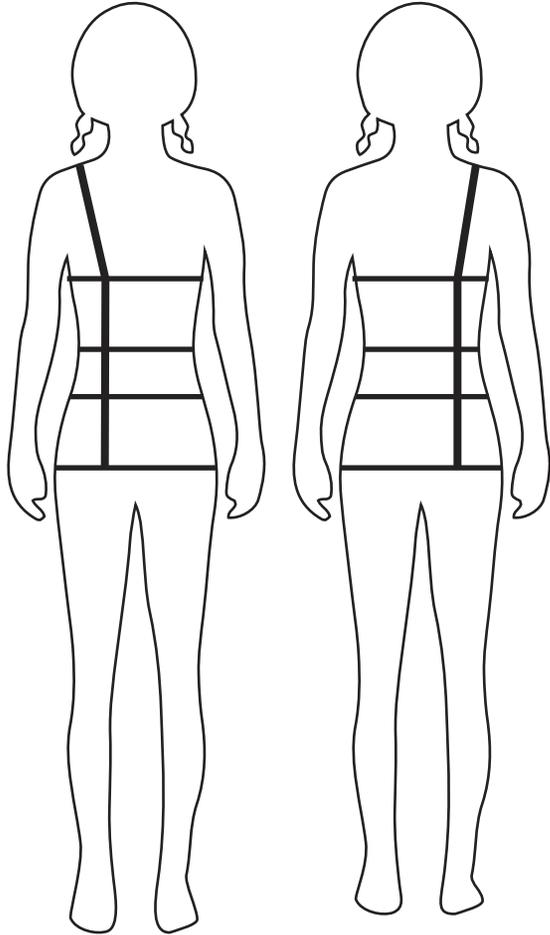


4) Full Hip



Check: All velcros are Parallel to floor around the body

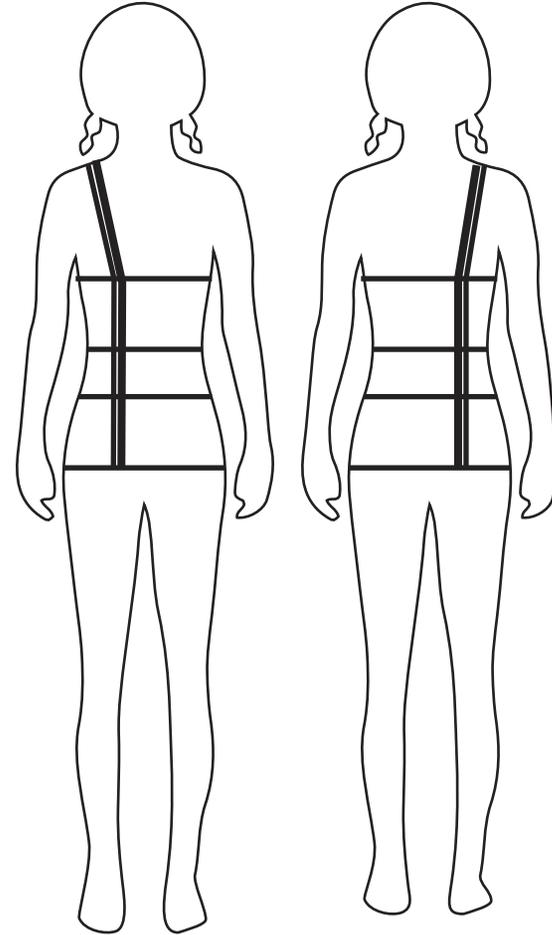
Now, the Princess Line:



5) Front

6) Back

And double that:



7) Front

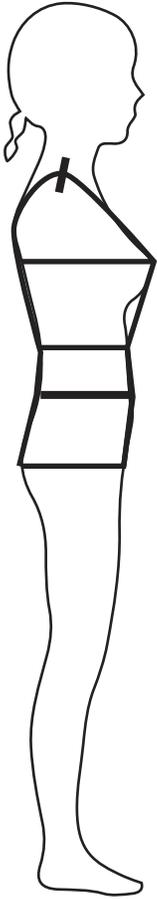
8) Back

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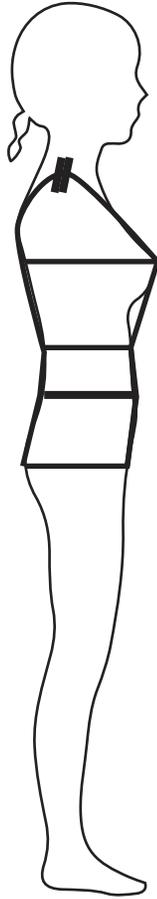
### Why double the velcro?

We're eventually going to cut the draft apart between the velcros. Doubling the velcros makes sure that each side of the princess line has a full outline. Also, it is much easier to cut across the velcros underneath than it would be to cut a velcro in half all along the princess line.

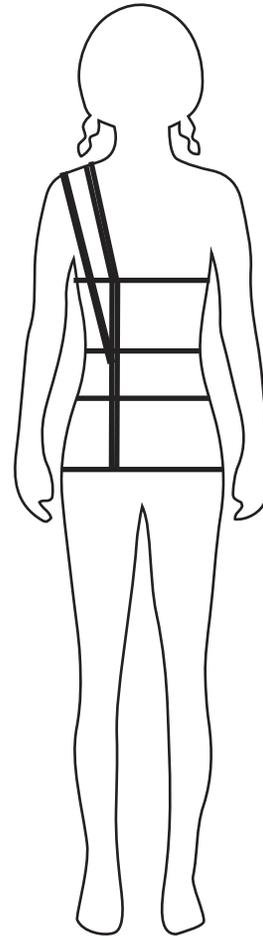
Now the Shoulders:



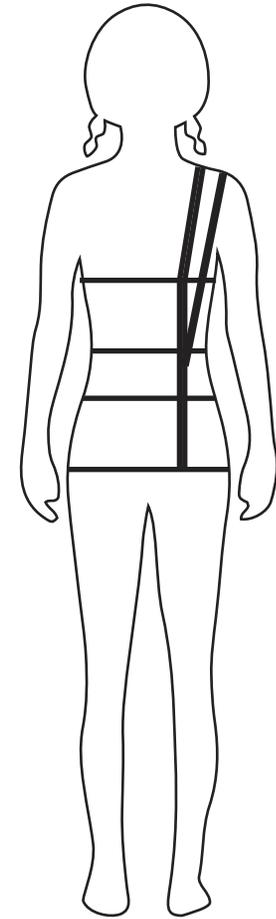
9) Top of Shoulder



10) Double that



11) Princess Line at Waist to Shoulder Tip in Front



12) And back



**Pro Tip:**

If you're going to be doing victorian style corsetry, or very fitted garments, you want to take out this space.

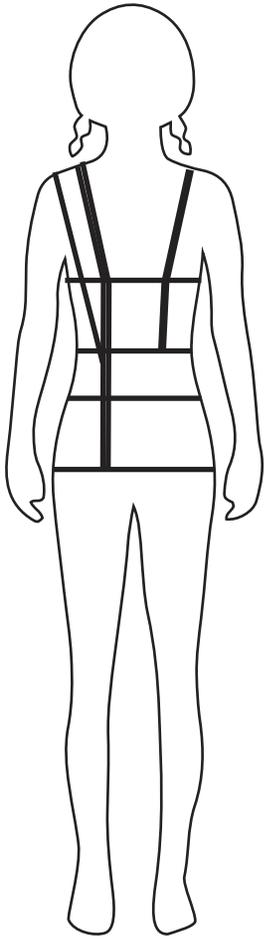
Add a velcro here



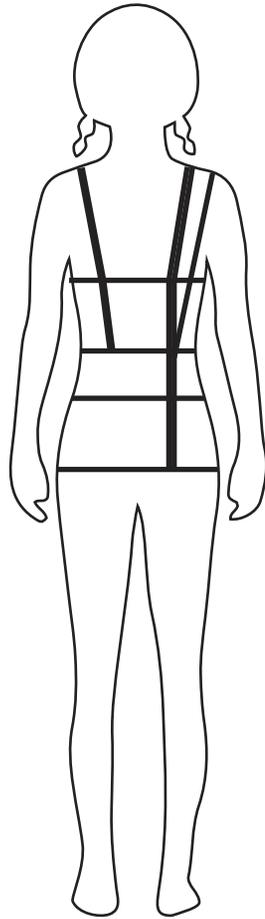
Make sure this doesn't pull the princess line velcros so tightly they pull in to the body.

If you're familiar with flat pattern making, you've just turned this into a contour block.

Setting up for body widths:

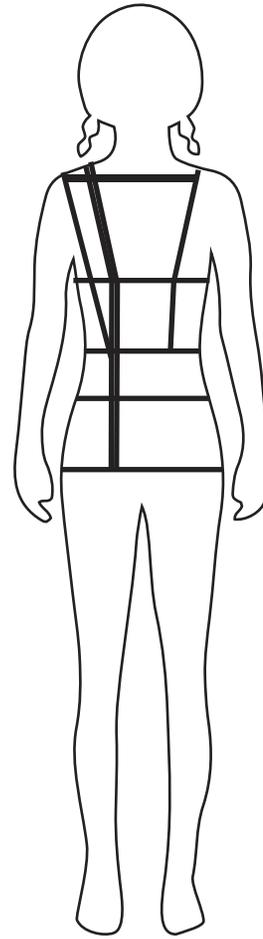


13) Placeholder Princess line on other side front

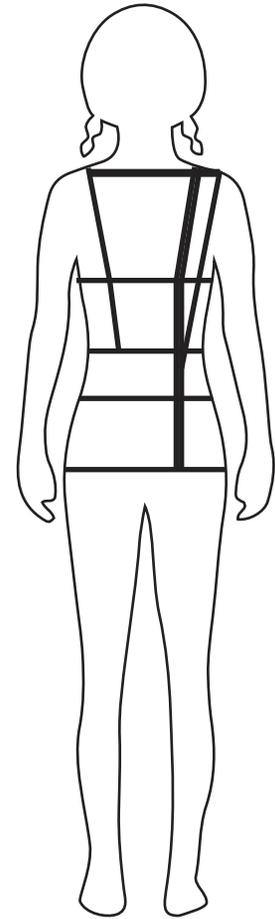


14) And back

Body widths:

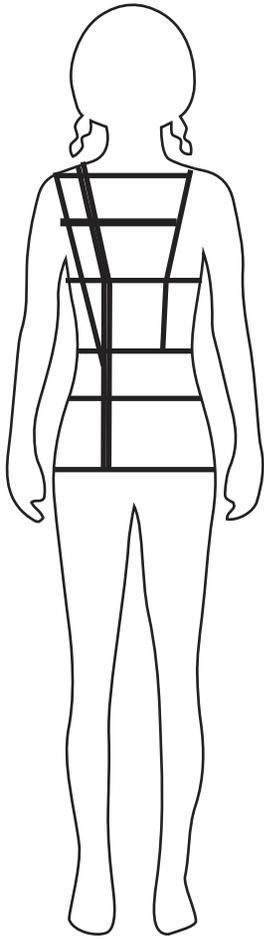


15) Width of Shoulder front

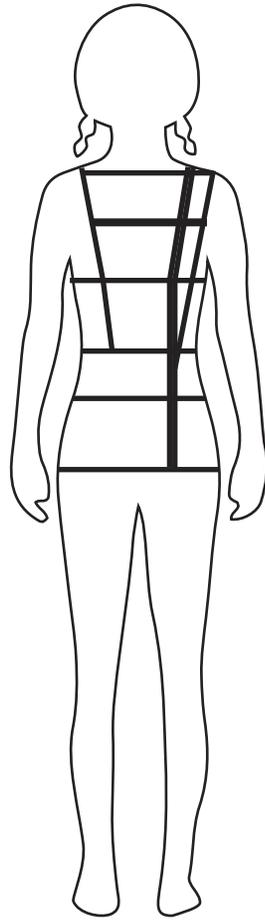


16) And back

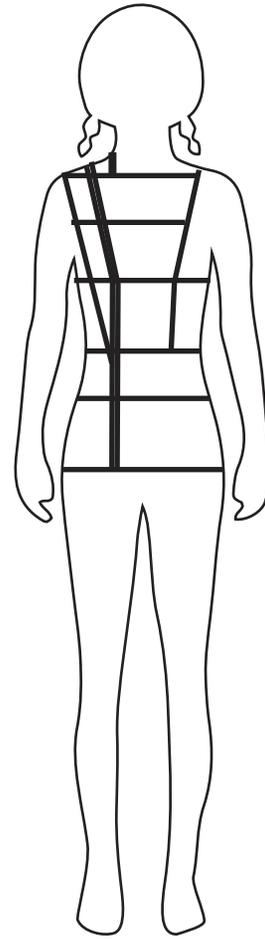
Finishing the Neck:



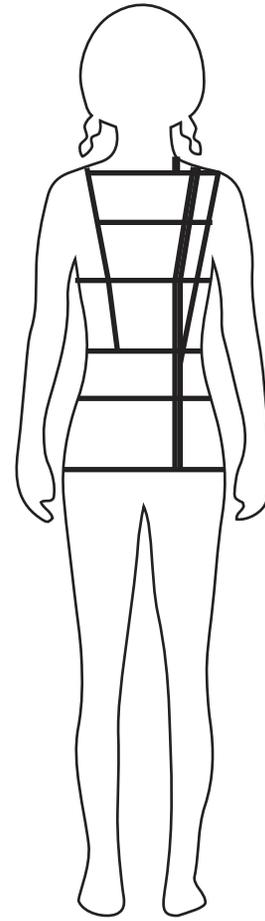
17) Width of Chest



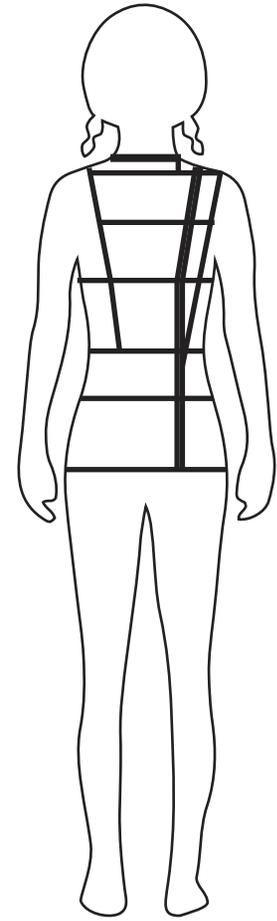
16) Width of Back



18) Side of Neck  
front

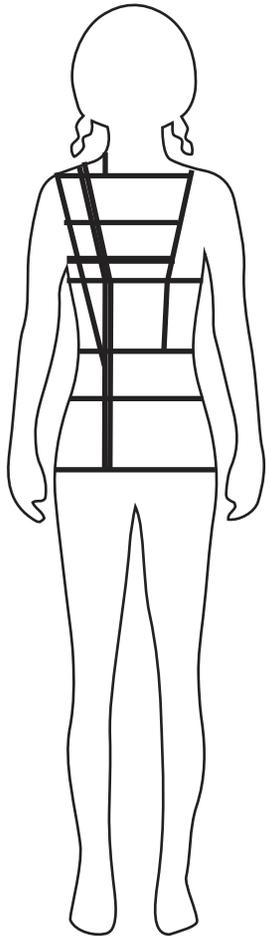


19) And back

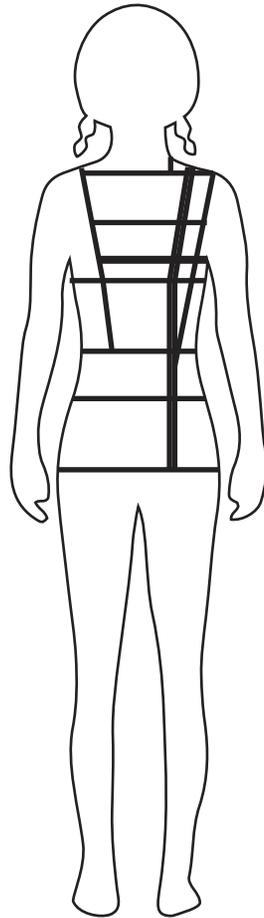


20) Shoulder velcro to  
shoulder velcro, over  
the large bone in the  
neck

Finishing the Armscye:

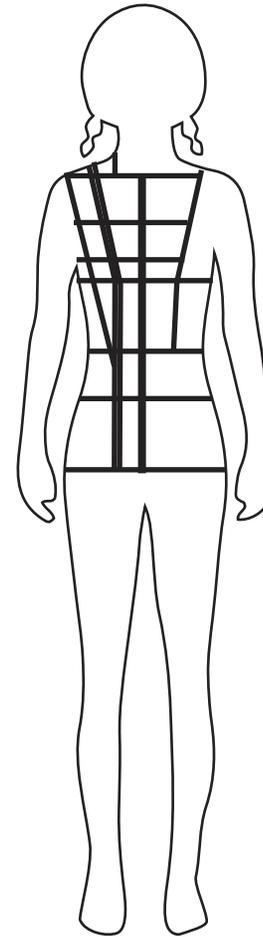


21) Directly under armpit  
front

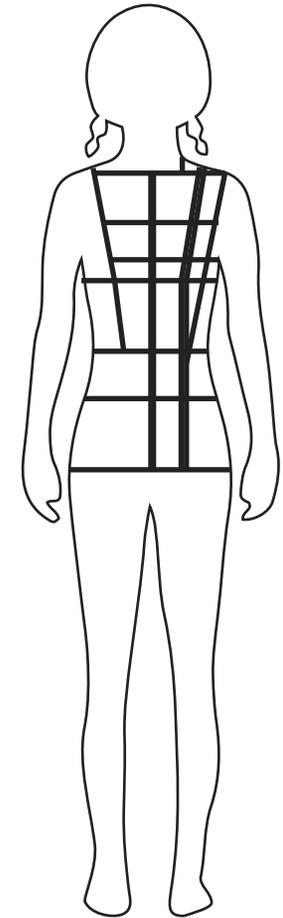


21) And back

Find the Center of the Body:



22) Front



21) And back

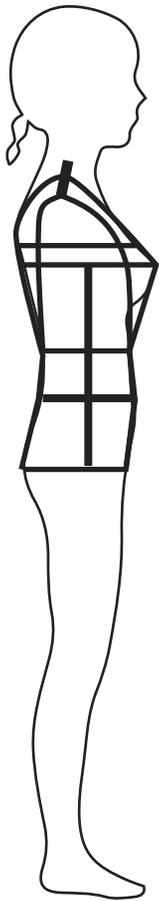
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For many bodies, especially feminine types, the widest part of the chest is below the level of the armpit. We need to find the depth of an armscye, we need to know where the armpit is.

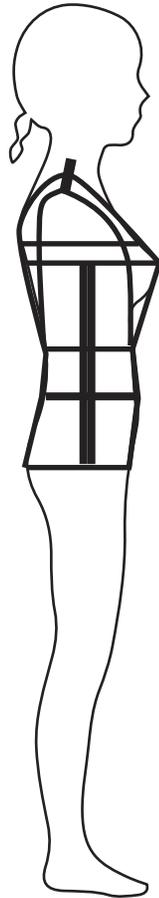
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In a perfect world, you will place the center velcros so that they are inside the half of the body you are working on. Don't fret - this is what fittings are for.

Finally, we need the side of the body:

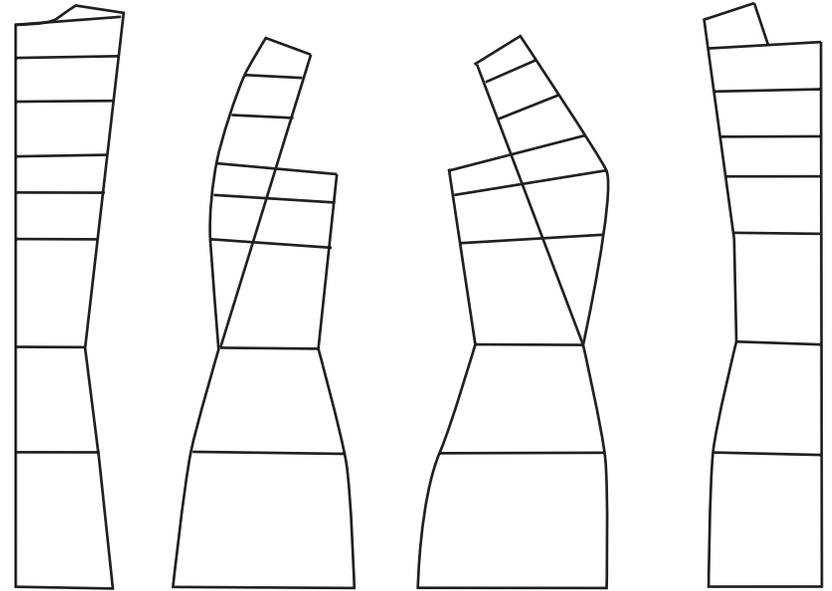


22) Find the Side



23) Double the velcro

Cutting off:



Snip between all doubled velcros to separate the pieces:

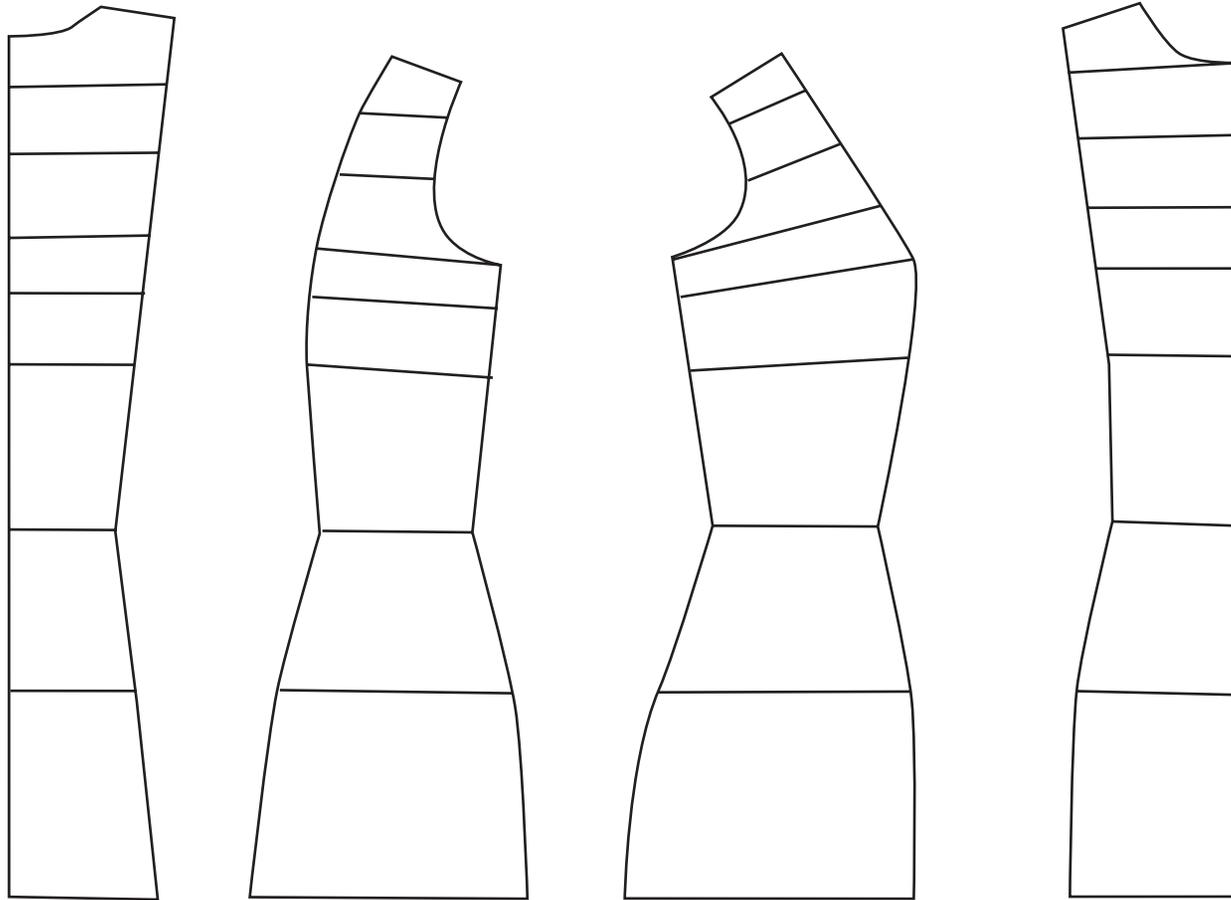
- Center Back
- Side Back
- Side Front
- Center Front

Flatten then on to paper. Pins into a padded surface or weights both work.

The pieces don't look quite right yet, because humans are generally curves instead of angles.

Make smooth curves that connect the lines at the necks and armholes. The curves should stay pretty close to the neck corners, and be farther away from the armhole corners.

Finished Pieces:



**Watchpoints:**

You should make this up in muslin and check the fit.

If you have a very rounded bust, the Side Front panel won't want to lie flat. Cut the bust velcro from the side to almost the front to create a dart. (You can leave this or close it, depending on your pattern.)

It's possible to have the same problem on your lower back side, but this is pretty much always closed out.