

T4T TEXTILES SCARLET ELASTIC-WAIST PANTS SEWING PATTERN



This file contains only the sewing instructions. See the "Pattern Envelope" file for the size chart, finished garment measurement chart, and fabric & supplies required.

Printing:

- The "A4" file can be printed on A4 or US Letter (8.5x11") paper at 100% scale; print only page 1 first, to check that the printed scaling square measures 2"/5cm.
- The "A0" file can be printed at a print shop on A0 or US wide format (36x48", aka Arch E) paper at 100% scale.

The PDF "layers" feature can be used to view and print a single size. For more info on pattern printing or projecting, as well as a glossary of terminology used in the instructions, see t4textiles.neocities.org/resources.

Cutting:

- Seam allowances are included in the pattern pieces. Cut on the outside of the lines if you will be using imperial measurements (5/8" seam allowance), and on the inside of the lines if you will be using metric (1.5cm). This will help account for the slight difference between 5/8" and 1.5cm.

Instructions

Preparation

CHOOSE YOUR SIZE

Choose your size based on your hip measurement. You can size down for a more fitted look, but less than 2" (5cm) ease is not recommended.

Check the finished garment total rise measurement (see "Pattern Envelope" file) to help determine if the waistband will fall closer to your high hip or waist.

Grading between sizes:

- If your high hip / waist measurement corresponds to a larger size than your hip, you can grade between sizes.
- If your high hip / waist is a smaller size, use a shorter length of elastic, but do not grade to a smaller high hip size, or it could be hard to fit the pants over your hips.

Choose the height that matches your height most closely. You can choose a taller or shorter height if the inseam or total rise measurement of the finished garment at that height better matches your proportions.

CHOOSE YOUR FABRIC

Light to mid-weight woven fabrics on the more fluid side are recommended, such as twills, linen/rayon blends, fine corduroy, or for pajamas, flannel or silk.

If using heavier weight fabric, use a lining fabric for the inner waistband and the front pocket bags, and add a pocket facing (see Pattern Hacks at the end).

If using a more structured / stiffer fabric, consider sizing down.

OTHER SUPPLIES

1.5" (3.8cm) wide waistband elastic: choose a length 2-3" (5-7.5cm) shorter than your high hip or waist measurement. The length should not include any seam allowance or overlap, as the instructions will specify attaching it butted end-to-end.

CUT & PREPARE YOUR FABRIC

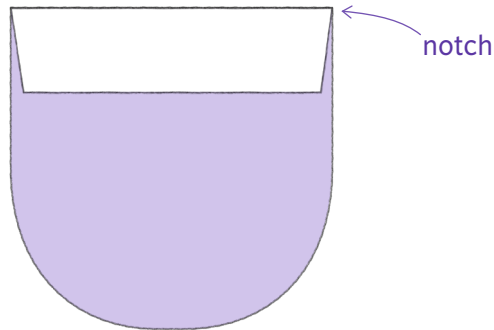
Pre-wash, iron, and then cut your fabric according to the instructions on the pattern pieces. Transfer notches by cutting ~1/4" (0.6cm) into seam allowance.

If your fabric is slippery, drapy, or loosely woven, stay-stitch along the crotch curves before beginning.

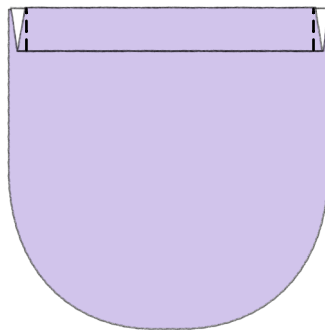


1. PREPARE THE BACK POCKET

a) Fold upper edge of back pocket down to the right side, at notches. Do not press.

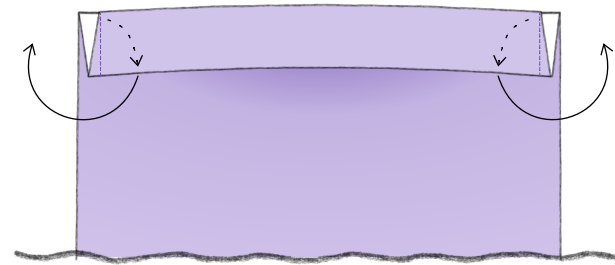


b) Fold raw edge up to meet folded edge. Stitch sides of hem with 1/4" (0.6cm) seam allowance.

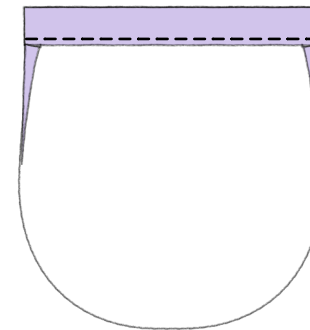


1. PREPARE THE BACK POCKET continued...

c) Turn hem right side out. You can do this by pinching each corner with one finger inside (where the dotted arrow is) and one outside, and pushing the corners inside out.



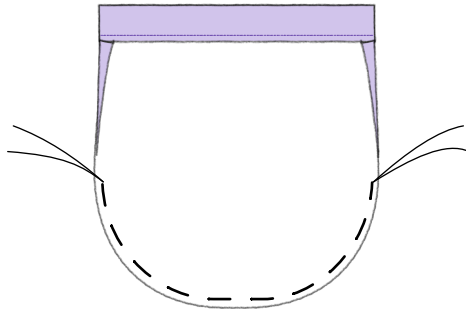
d) Press hem. Stitch 3/4" (2cm) from top edge.



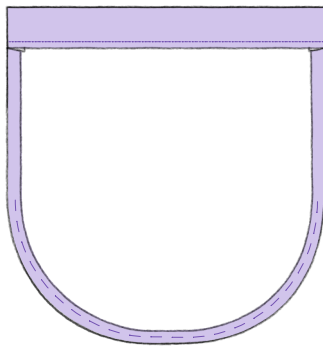


1. PREPARE THE BACK POCKET continued...

e) Sew a gathering stitch around curved bottom edges. Gather slightly.



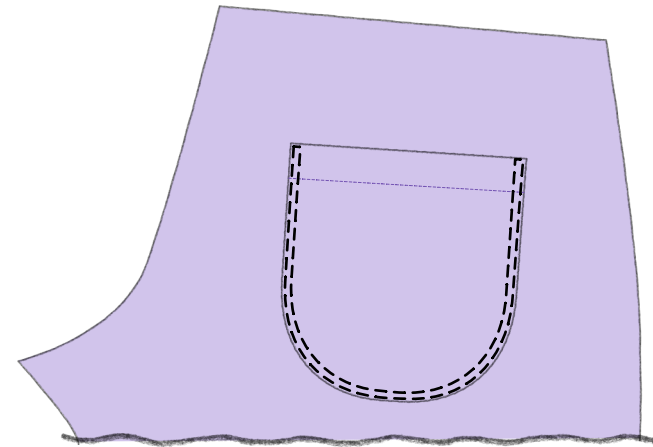
f) Press remaining edges inward to wrong side by 1/4" (0.6cm).



2. ATTACH THE BACK POCKET

Choose which back pant leg to attach the pocket to. Align the top edge of the pocket with the pattern marking on the pant leg, and pin in place.

Stitch around the sides and bottom at about 1/16" (1-2mm) from the edge, then again at 1/4" (0.6cm) from the first stitching line.

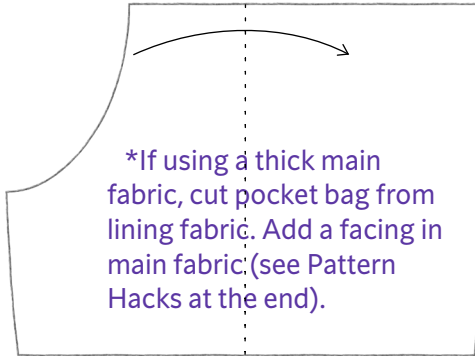


If you prefer, you can skip the second line of stitching. If you do, add a bar tack or triangular reinforcement at each top corner of the pocket.

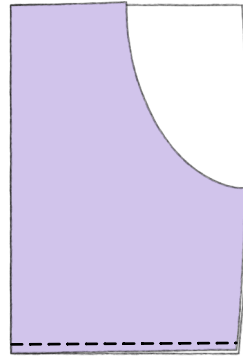


3. PREPARE THE FRONT POCKETS

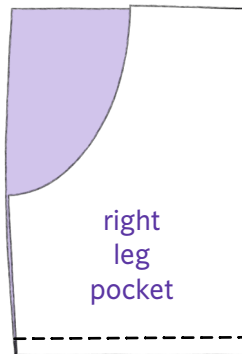
a) Fold each front pocket bag in half at notches, right side outwards*. Stitch along bottom edge with 1/4" (0.6cm) seam allowance.



*If using a thick main fabric, cut pocket bag from lining fabric. Add a facing in main fabric. (see Pattern Hacks at the end).



b) Turn each pocket bag wrong side out and press. Stitch along the bottom edge with 3/8" (1cm) seam allowance, enclosing the raw edge.

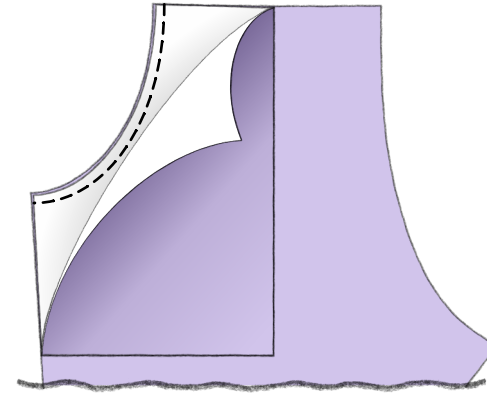


right
leg
pocket

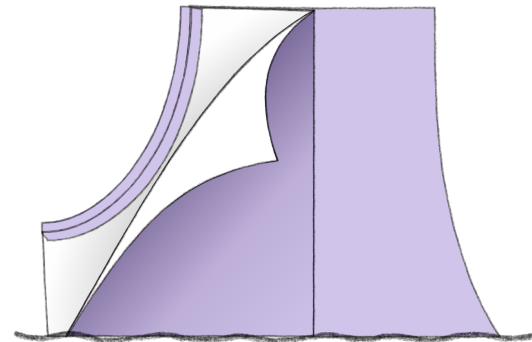
If you haven't worked through each step on both pockets, repeat step 3 for the second front pocket now.

4. ATTACH THE FRONT POCKETS

a) Turn each pocket bag right side out again. Pin curved edge to front pant leg, right sides together. With other half of pocket bag out of the way, stitch with 1/4" (0.6cm) seam allowance.



b) Press seam allowance open. This will make it easier to press along the seam line after turning right side out.





right side

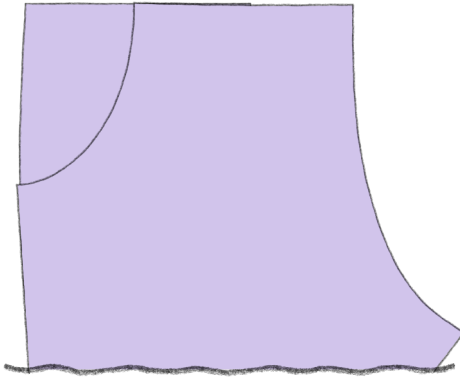


wrong side

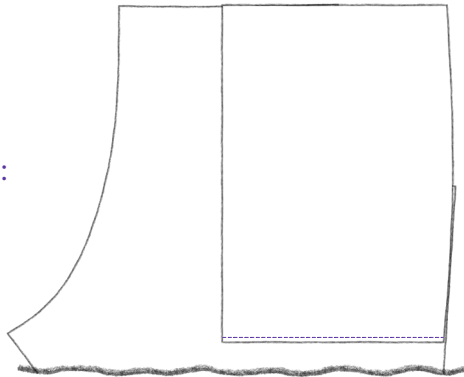
4. ATTACH THE FRONT POCKETS continued...

c) Flip pocket into position: turn pocket inside out again, move it behind pant leg, and fold curved seam closed with right side out. Press seam and rest of pocket flat.

Right side:

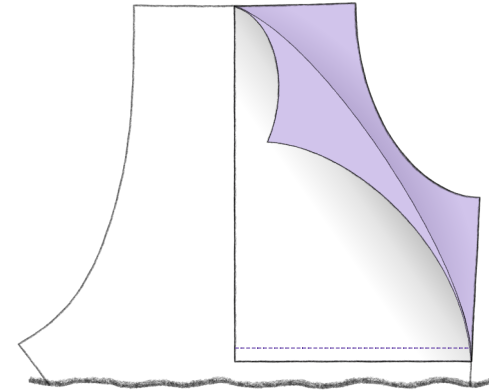


Wrong side:

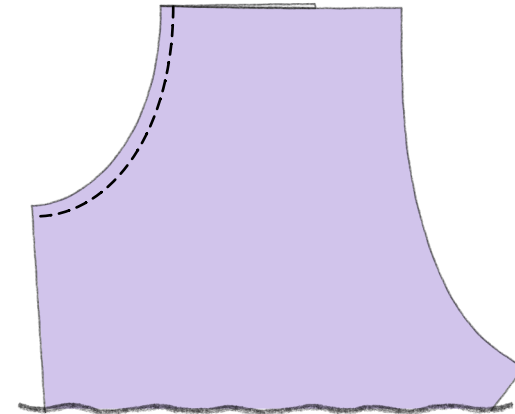


4. ATTACH THE FRONT POCKETS continued...

d) Fold back half of pocket out of the way (shown here from wrong side).



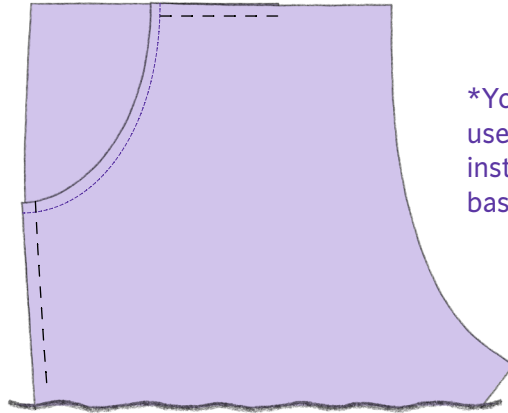
e) With back half of pocket out of the way, topstitch 1/4" (0.6cm) from edge of pocket opening.





4. ATTACH THE FRONT POCKETS continued...

f) Baste pocket edges to pant leg edges, within the 5/8" (1.5cm) seam allowance*.

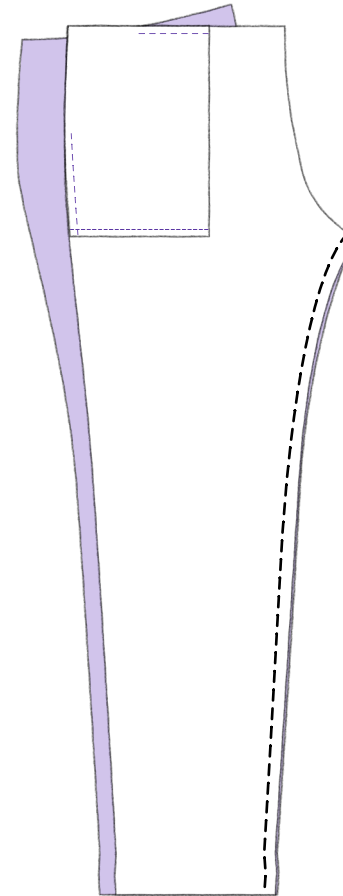


*You can also use pins instead of basting

If you haven't worked through each step on both pockets, repeat all of step 4 for the second front pocket now.

5. SEW THE INSEAMS AND FLAT-FELL*

a) Sew each front leg to each back leg along inseam, right sides together, with 5/8" (1.5cm) seam allowance.

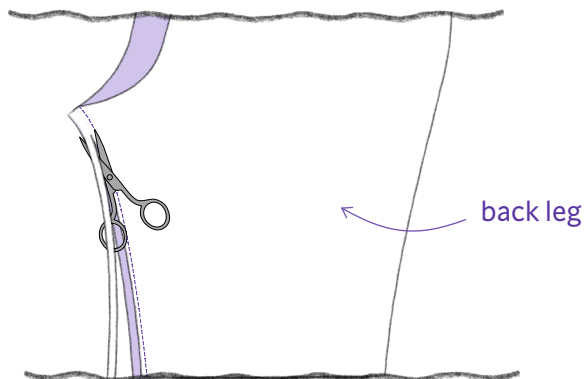


*Instead of flat-felling, you can overlock, press seam allowances to the back, and skip the rest of step 5

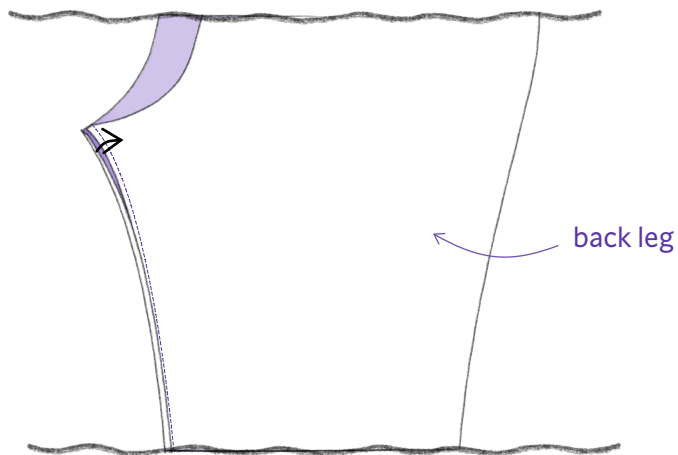


5. SEW THE INSEAMS AND FLAT-FELL continued...

b) Trim seam allowance of back leg by half.



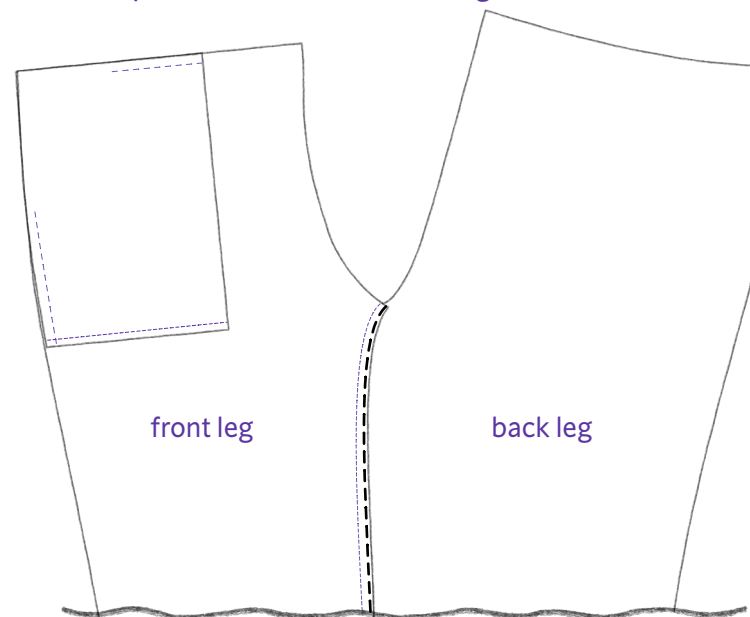
c) Fold front leg's seam allowance over to cover raw edge of back leg's seam allowance. Press.



5. SEW THE INSEAMS AND FLAT-FELL continued...

d) Separate pant legs and press seam allowances towards back leg. Sew 1/4" (0.6cm) from seam line, going through both seam allowances and back leg.

If your bobbin thread and top thread are the same and your stitches look the same on both sides, you can sew from the wrong side (as shown below). Otherwise, sew from the right side.

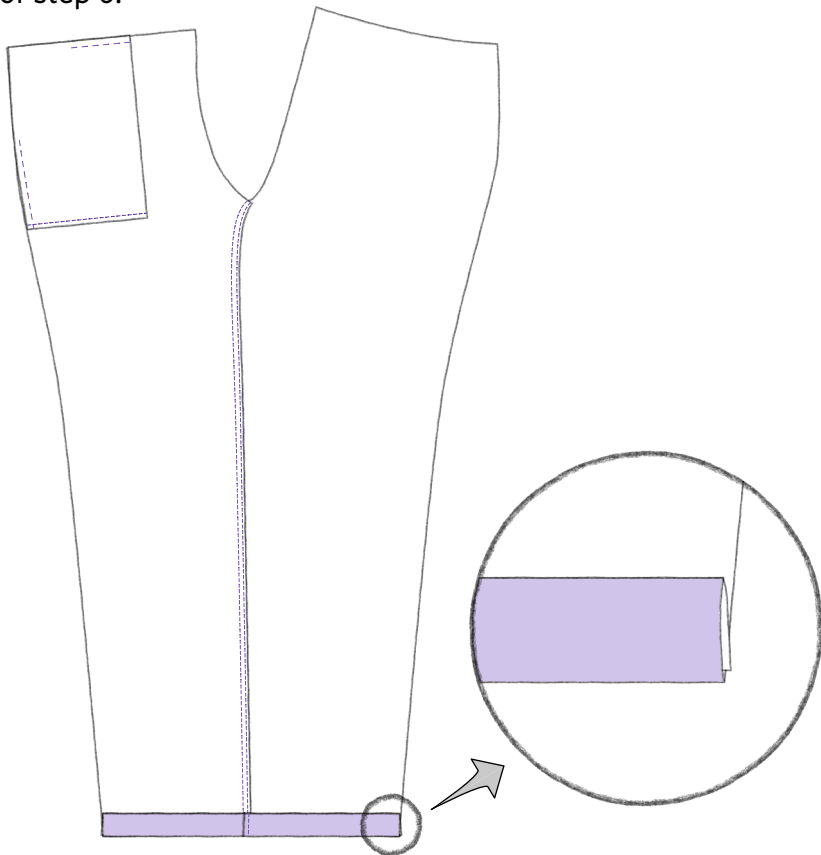


If you haven't worked through each step on both legs, repeat all of step 5 for the second leg now.



6. PRE-CREASE THE HEMS

a) Fold each hem 1" (2.5cm) up to the wrong side and press. Fold up an additional 1" (2.5cm) and press again. Then unfold for step 6.

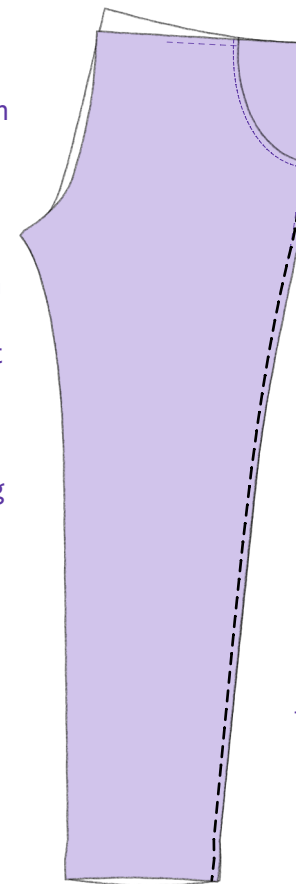


7. SEW THE SIDE SEAMS USING FRENCH SEAMS*†

a) Sew each front leg to each back leg along side seam, WRONG sides together, with 1/4" (0.6cm) seam allowance.

*Instead of using French seams, you can sew right sides together with 5/8" (1.5cm) seam allowance, then overlock or finish with bias tape, press to the back, and skip the rest of step 7.

This is highly recommended if using thick fabric.



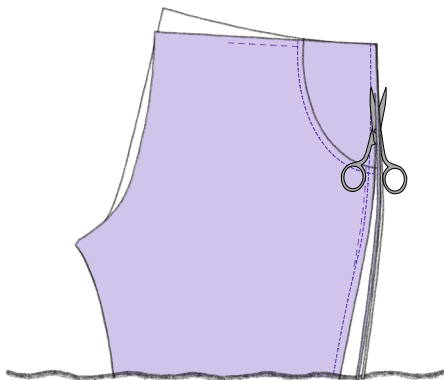
† Mark the 5/8" (1.5cm) seam line in a couple places on the wrong side using tailor's chalk before beginning step 7.

Depending on how much fabric the fold around the first seam takes up, you may find you want to sew the second seam at 1/4" (0.6cm) in step 7d, instead of 3/8" (1cm).

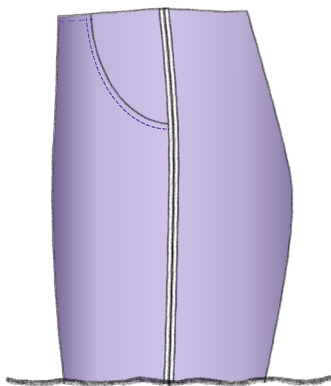


7. SEW THE SIDE SEAMS USING FRENCH SEAMS continued...

b) Trim seam allowance by about 1/16" (1-2mm). Remove pocket basting stitches along this seam.

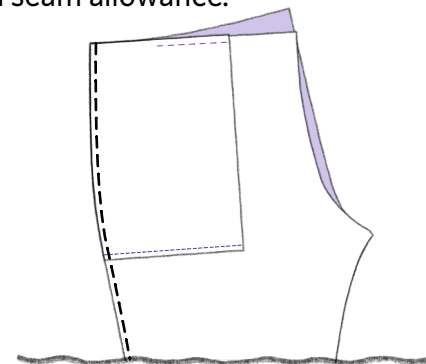


c) Press seam open (use a sleeve board or tailor's ham). This will make it easier to press along the seam line after turning inside out.

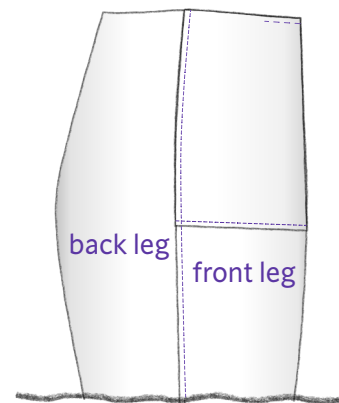


7. SEW THE SIDE SEAMS USING FRENCH SEAMS continued...

d) Turn pant leg inside out and press seam closed. Stitch 3/8" (1cm) from pressed edge, or 1/4" (0.6cm) if that results in a more accurate total seam allowance.



e) Press seam allowance towards back leg (use a sleeve board or tailor's ham).



If you haven't worked through each step on both legs, repeat all of step 7 for the second leg now.



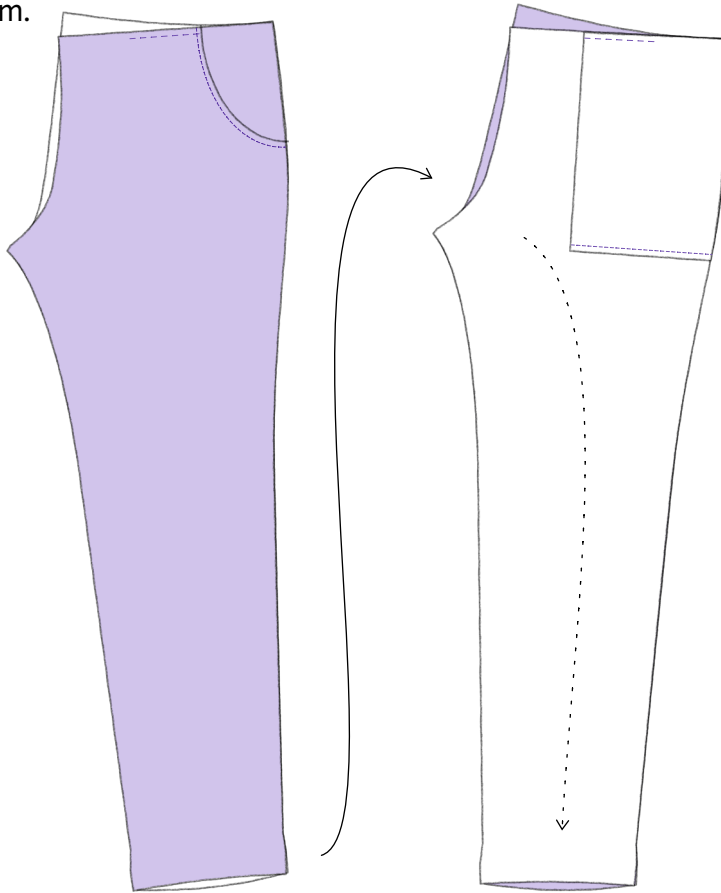
right side



wrong side

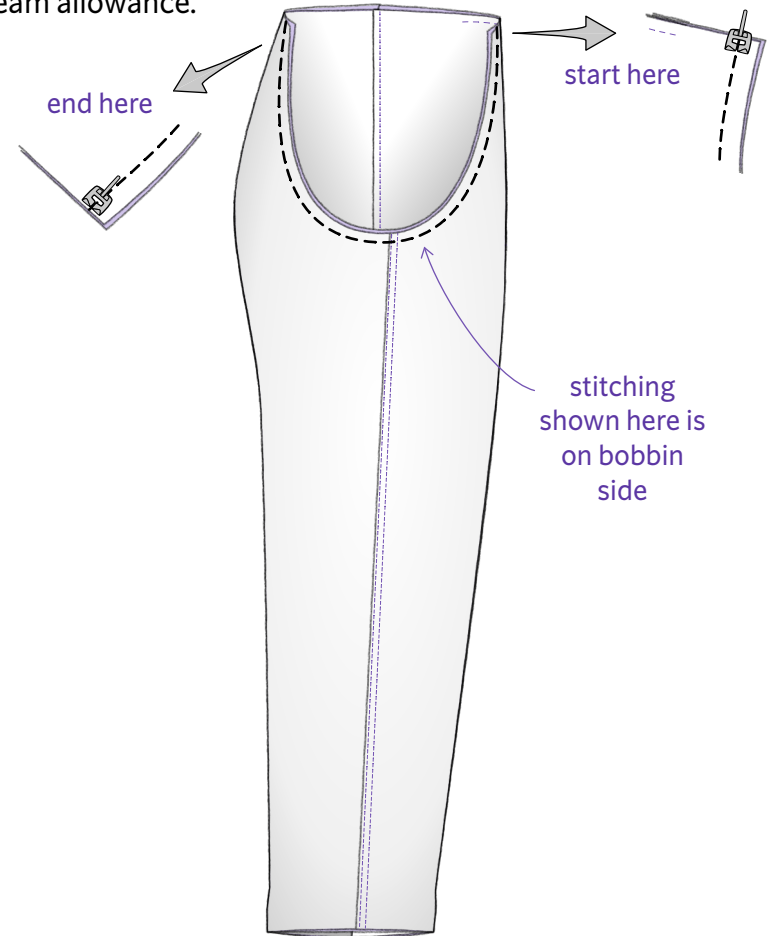
8. SEW THE RISE SEAMS AND FLAT-FELL

a) Turn only one pant leg (either one) right side out, and insert it all the way into the inside out pant leg, matching inseam to inseam.



8. SEW THE RISE SEAMS AND FLAT-FELL continued...

b) Pin the rise of each pant leg together. Sew with 5/8" (1.5cm) seam allowance.

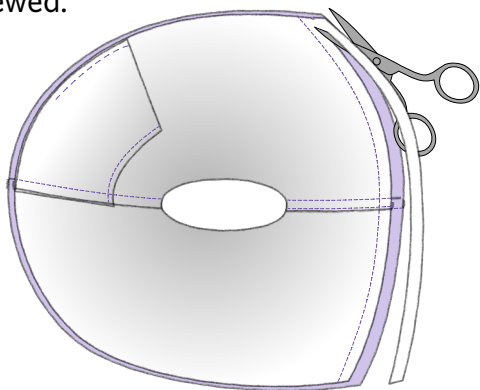




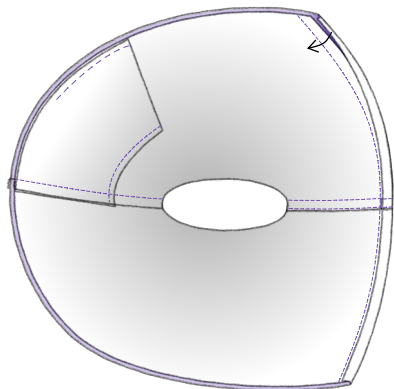
8. SEW THE RISE SEAMS AND FLAT-FELL

c) Trim seam allowance of inner pant leg by half, along rise seam you just sewed.

top view

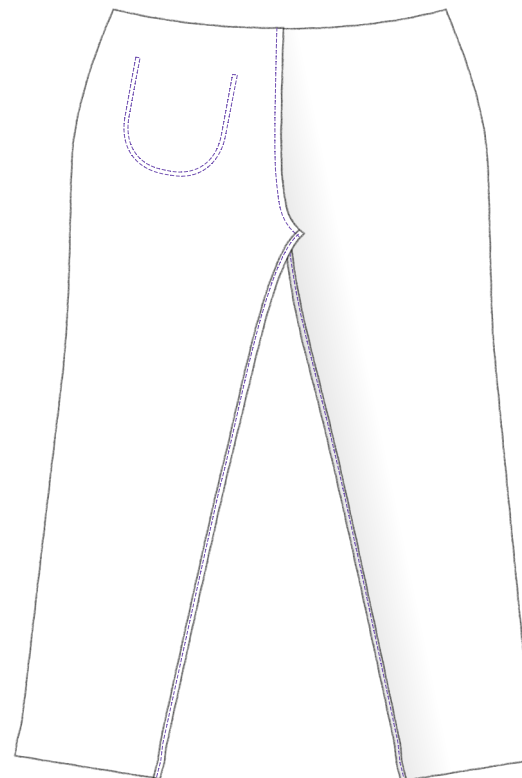


d) Fold outer leg's seam allowance over to cover raw edge of inner leg's seam allowance. Press.



8. SEW THE RISE SEAMS AND FLAT-FELL continued...

e) Extract inner pant leg, turning it inside out as you pull it out. Press rise seam allowances towards the leg that was previously inside (use a sleeve board or tailor's ham).

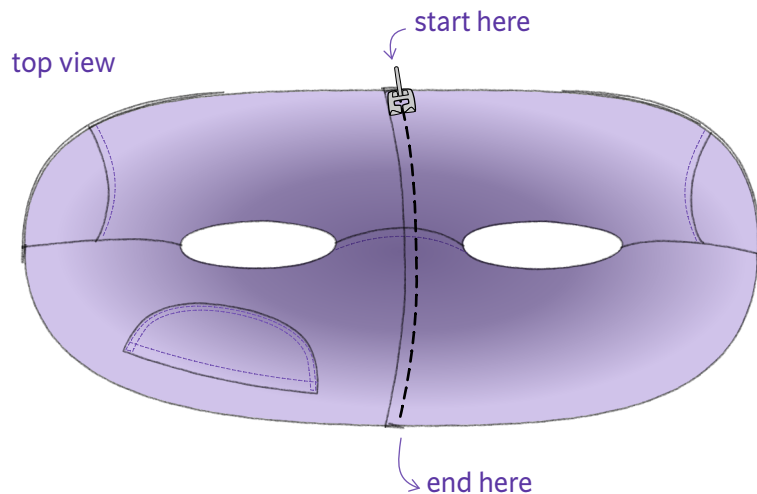


To test fit, try on pants, and pin elastic to top of pants. Adjust crotch curve shape if needed.



8. SEW THE RISE SEAMS AND FLAT-FELL continued...

f) Topstitch 1/4" (0.6cm) from rise seam line, going through both seam allowances and one pant leg.

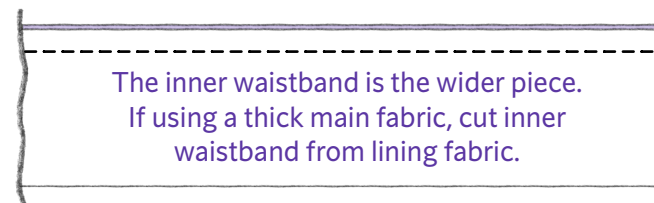


If your bobbin thread and top thread are the same and your stitches look the same on both sides, you can turn the pants right side out and sew from the wrong side if you prefer.

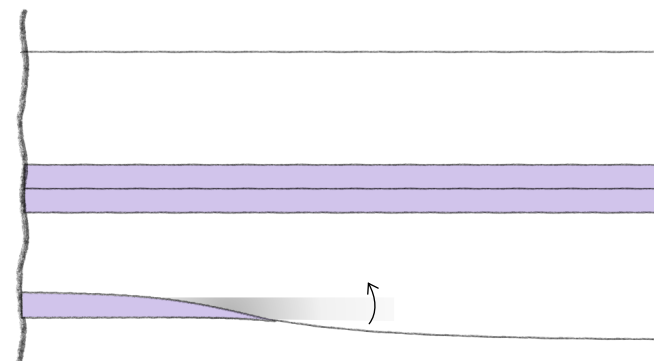
Otherwise, sew from the right side (as shown above).

9. PREPARE THE WAISTBAND

a) Sew inner waistband to outer waistband along top edge, right sides together, with 5/8" (1.5cm) seam allowance.



b) Press seam open. Fold inner waistband 5/8" (1.5cm) up to wrong side and press to pre-crease, then unfold before continuing.

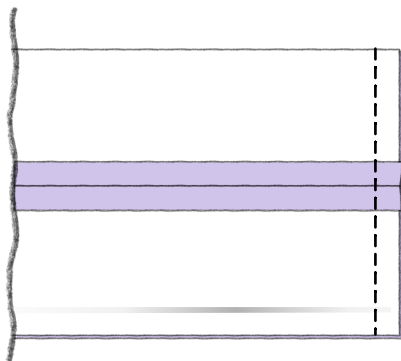


It's easier to measure and press this fold while the waistband is flat, before connecting the ends together. Read ahead to see how this will be used later.

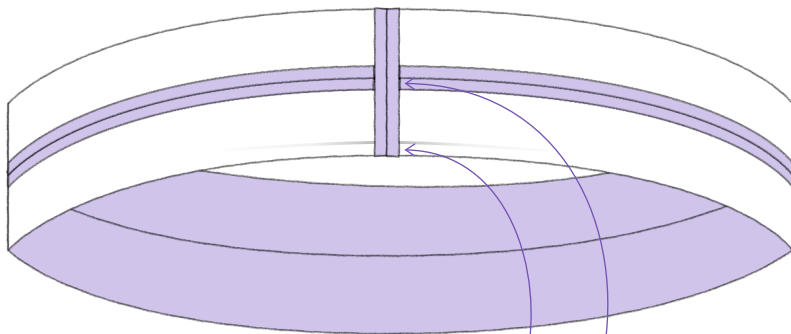


9. PREPARE THE WAISTBAND continued...

c) Connect short ends of waistband and sew with right sides together, using 5/8" (1.5cm) seam allowance.



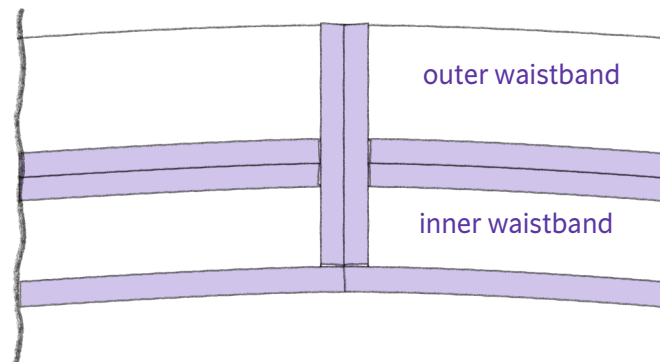
d) Press seam open.



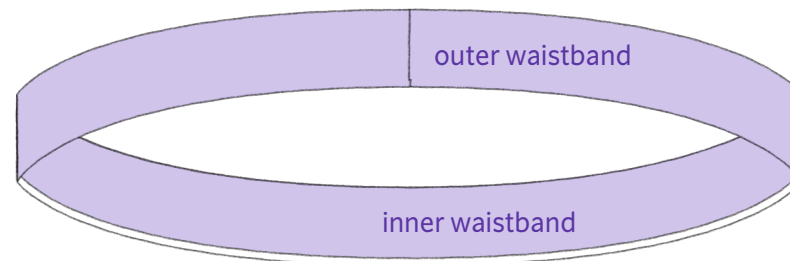
Now is a good time to trim seam allowances near intersections to reduce bulk

9. PREPARE THE WAISTBAND continued...

e) Fold inner waistband along pre-creased line again and press. This will later be used as the finished inside edge, instead of a binding finish.



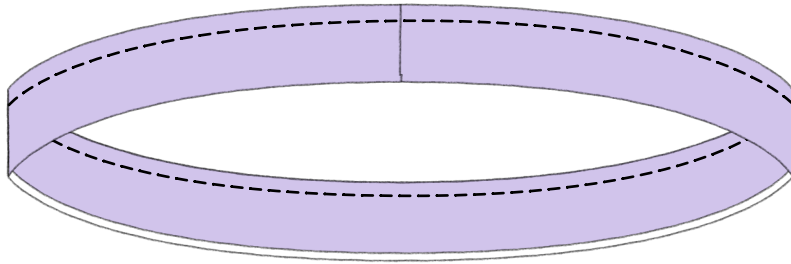
f) Fold along long seam line, wrong sides together, and press.



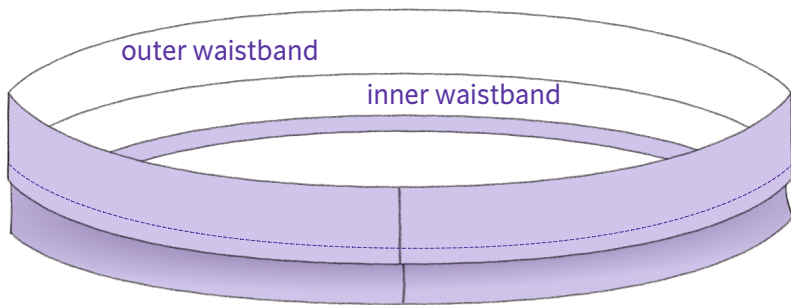


9. PREPARE THE WAISTBAND continued...

g) Stitch 5/8" (1.5cm) from folded edge, starting and stopping at center back.



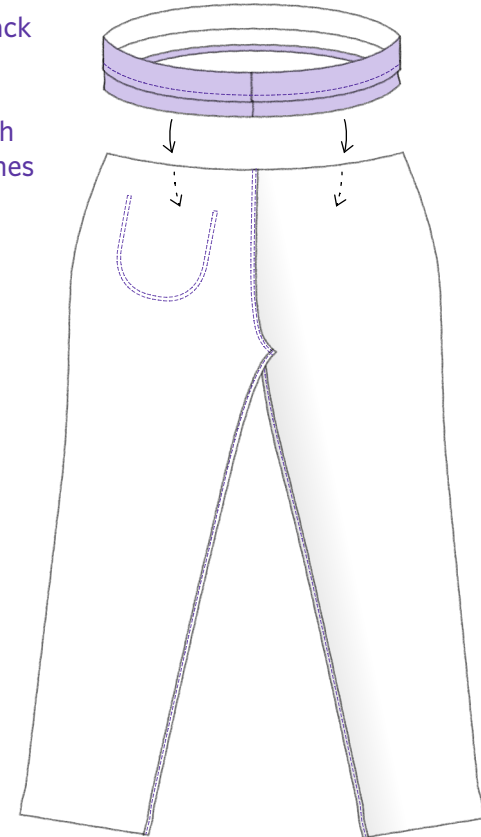
h) Turn waistband upside down and unfold, to prepare for next step.



10. ATTACH THE WAISTBAND

a) With pants inside out, insert waistband inside pants, aligning raw edge of outer waistband with top of pant legs.

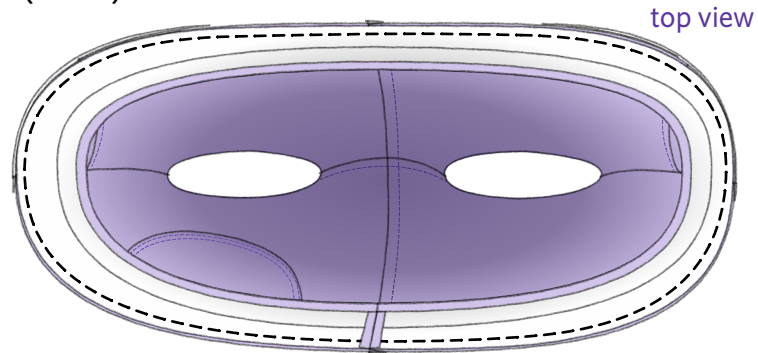
Match center back of waistband to center back of pants, and match waistband notches to pant seams





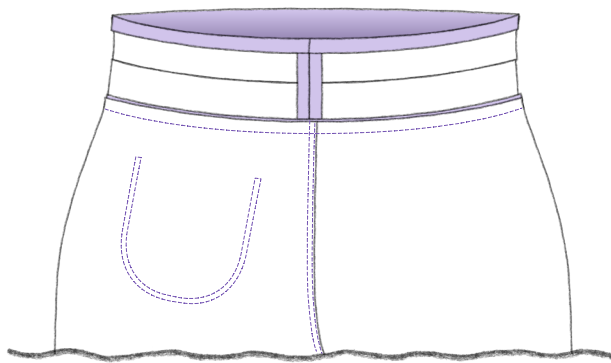
10. ATTACH THE WAISTBAND continued...

b) Sew outer waistband to pant legs, right sides together, with 5/8" (1.5cm) seam allowance.



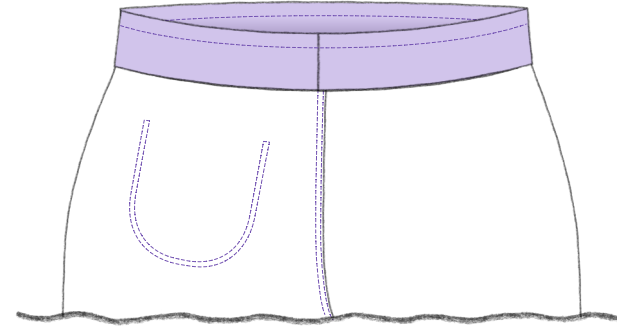
Now is a good time to grade the seam allowances

c) Fold waistband up along this seam. Press with seam allowance upward.

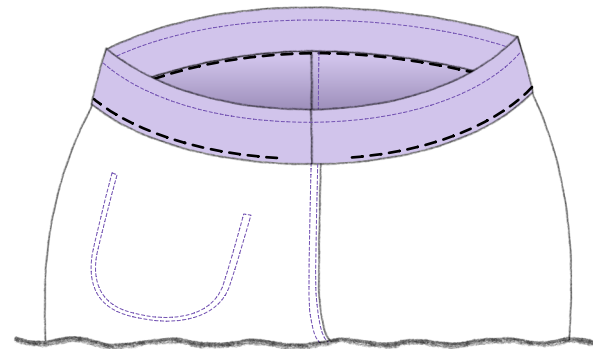


10. ATTACH THE WAISTBAND continued...

d) Fold inner waistband down so waistband lies flat, and press again.



e) Pin along waistband seam from right side, catching folded seam allowance of inner waistband. Stitch in the ditch from the right side, leaving a 3" (7.5cm) gap at center back.

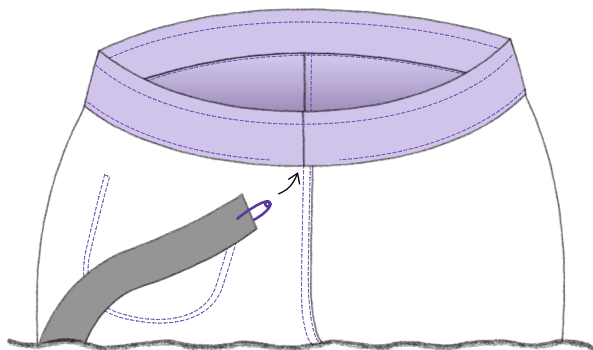


To keep right side looking cleaner, tie off thread ends instead of backstitching

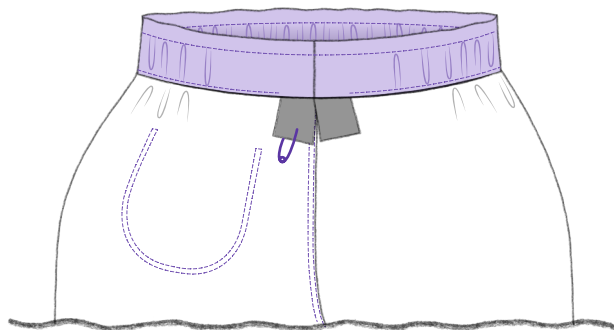


11. INSERT THE ELASTIC

a) Attach a large safety pin to one end of elastic. Push into opening in waistband.

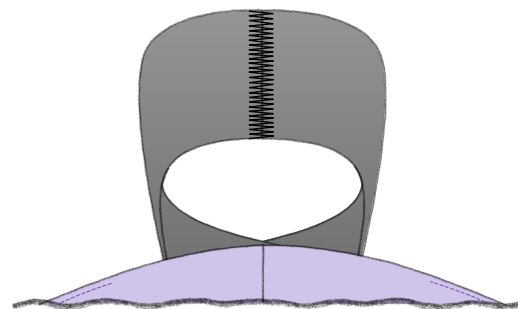


b) Using safety pin, thread elastic through waistband until both ends stick out of opening. Remove safety pin.



11. INSERT THE ELASTIC continued...

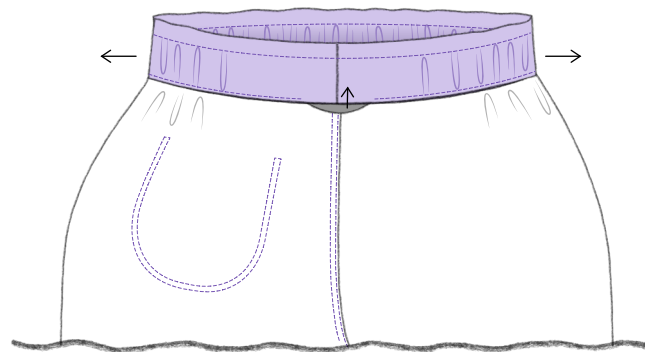
c) Butt ends of elastic together and attach using a wide zig zag stitch with a short stitch length.



If using a straight stitch only machine, cut a rectangle of fabric to cover both ends of elastic, and sew a box stitch over it:



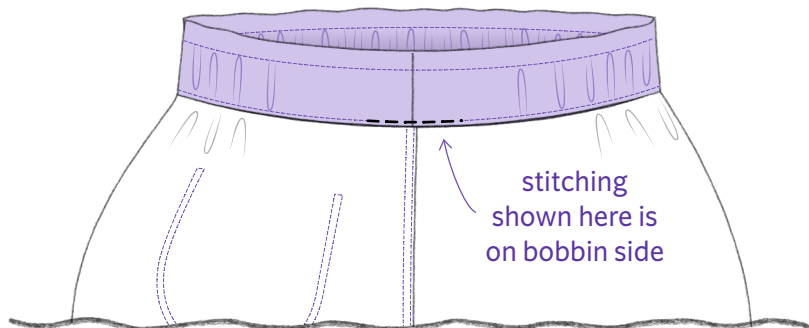
d) Stretch waistband until elastic is pulled entirely inside waistband, but open section at center back is still flat.



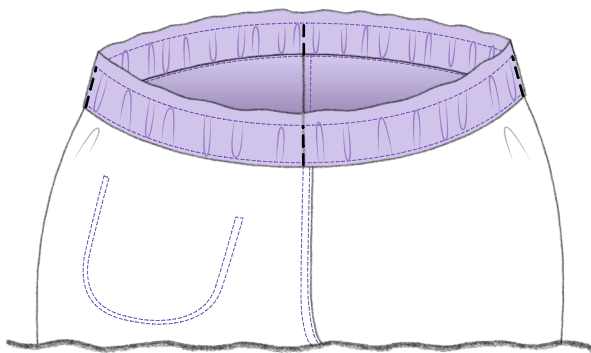


12. FINISH THE WAISTBAND

a) Pin along open section of waistband seam from right side, as in step 10e. Stitch in the ditch from the right side.

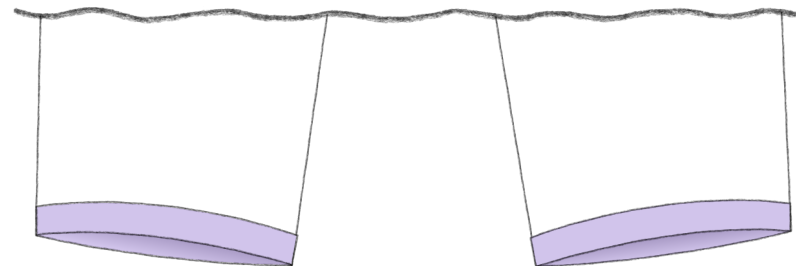


b) Stretch waistband until elastic is evenly distributed. To hold elastic in place, stitch through waistband vertically from right side at center back, center front, and optionally at side seams.

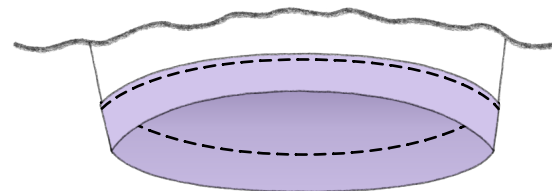


13. HEM THE PANTS

a) Fold hems along pre-creased lines and press again.



b) With pants inside out, stitch from right side, 7/8" (2.25cm) from edge. Start and stop at inseam.

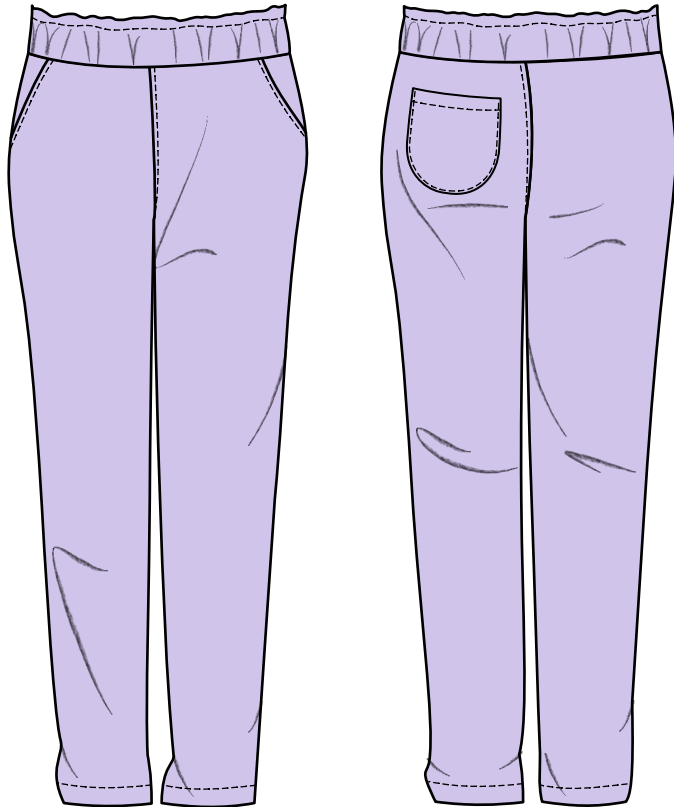


If your bobbin thread and top thread are the same and your stitches look the same on both sides, you can turn the pants right side out and sew from the wrong side if you prefer.



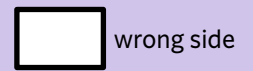
FINISHED!

If you have uncertainties about the fit, wear the pants for a full day and then re-assess. This will give you enough time to better assess how they feel, and also allow the fabric to relax.



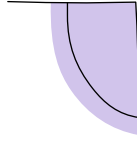
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- Share this pattern, available at t4textiles.neocities.org/pattern_pages/t4t101, with your community.

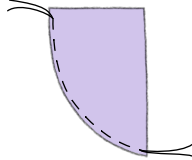


FRONT POCKET FACING

a) Trace exposed section of front pocket from pattern and add 1" (2.5cm) to curved edge. This is your facing pattern (colored area in illustration). Cut from main fabric.



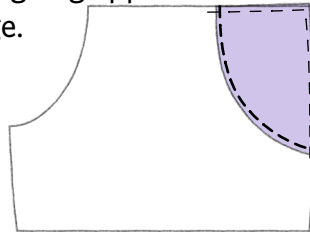
b) Sew a gathering stitch around curved edge. Gather slightly.



c) Press curved edge inward to wrong side by 1/4" (0.6cm).



d) Place on top of pocket bag, aligning upper corner. Baste sides, then topstitch curved edge.



REMOVE RUFFLE FROM WAISTBAND

Simply remove 5/8" (1.5cm) from top edge of both inner and outer waistband pieces. Skip step 9g.