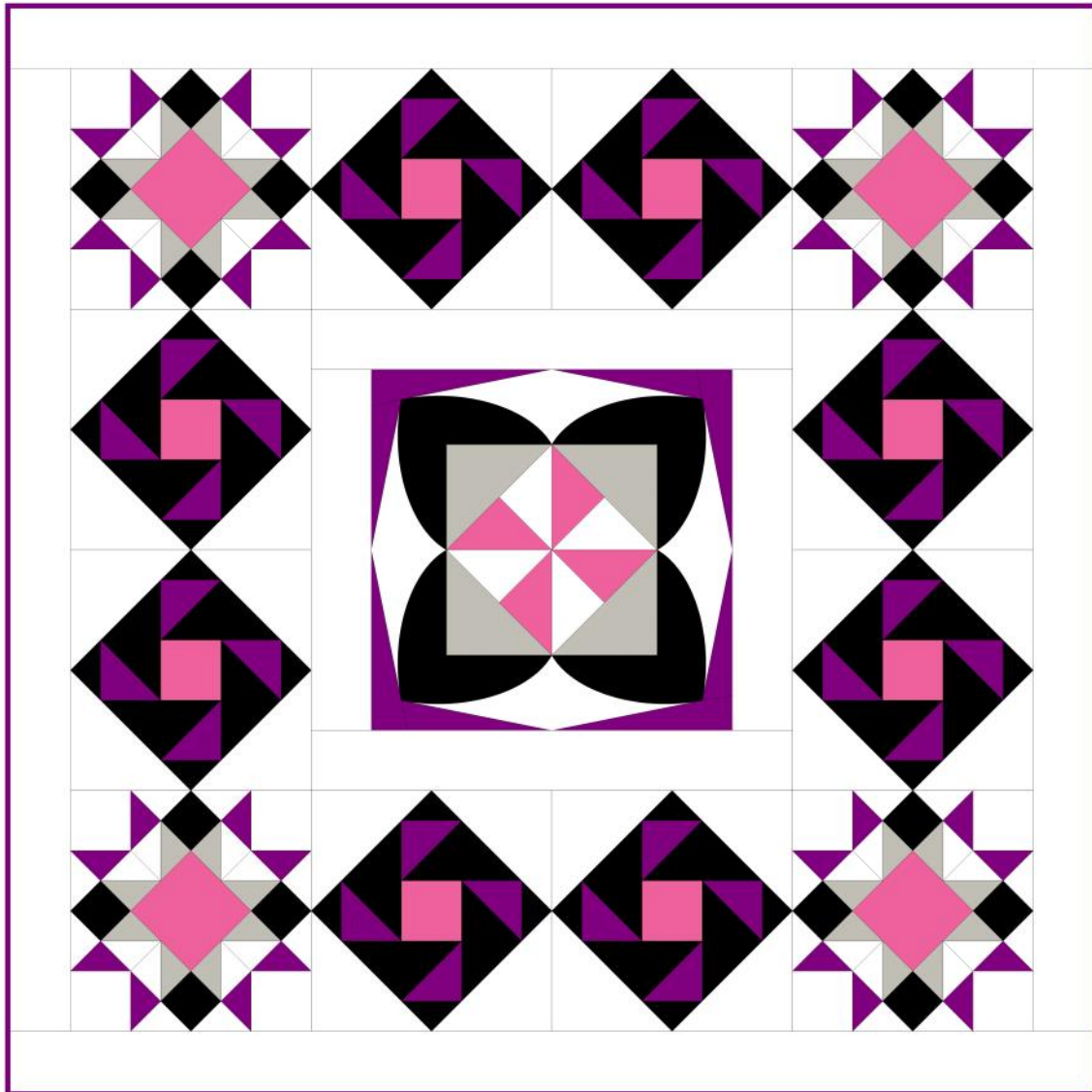


Wheelhouse Quilt Series

Beginner (Simplified) Version

Designed by Lauren MacDonald
Simplified and written by Shirley Jobson



The original pattern, designed by Lauren MacDonald, was simplified by Shirley Jobson for beginner quilters to make.

We hope you enjoy making this pattern.

Wheelhouse Quilt Series

Beginner (Simplified) Version

NOTE: Be sure to test your 1/4" seam before you begin to sew. Each block depends on you having a perfect 1/4" seam.

If you enlarge your PDF copy while on your device – you will be able to view the pictures even better!!

Before beginning to cut or sew ... read, read and re-read the pattern. There are a number of pictures to help you along the way, as sometimes explanations need more than words to be understood.

Yardage

I will refer to my colours here, to make it easier for you to see what colours go where in the quilt to help you pick your own colours.

Colour 1: White—background 2 $\frac{3}{8}$ yards

Colour 2: Black 1 yards

Colour 3: Purple $\frac{3}{4}$ yard

Colour 4: Pink $\frac{3}{8}$ yard

Colour 5: Grey $\frac{3}{8}$ yard *(for better contrast I should have used a slightly lighter grey)*

Fusible web - for applique in Center Block - depends on the width of the product you use, so you will need enough to cut at least 4 pieces 8" x 8"

Place snippets of your fabric in the coordinating boxes to assist you in keeping on track with the cutting.



Colour 1
Background



Colour 2



Colour 3



Colour 4



Colour 5

Abbreviations:

Sq = square

HST = half square triangle

**** Pay attention to how you will press your seams once they are sewn together.**

Side Blocks (8 blocks)



Cut the following for 8 side blocks (2 blocks each side):

Colour 1 - White - Background

16 - $6\frac{7}{8}$ " sq. Cut on the diagonal once.

Colour 2 - Black

8 - $4\frac{1}{4}$ " sq. Cut on the diagonal twice

16 - 4" sq

16 - $3\frac{7}{8}$ " sq. Cut once on the diagonal

$12\frac{1}{2}$ " x $12\frac{1}{2}$ " unfinished

Colour 3 - Purple

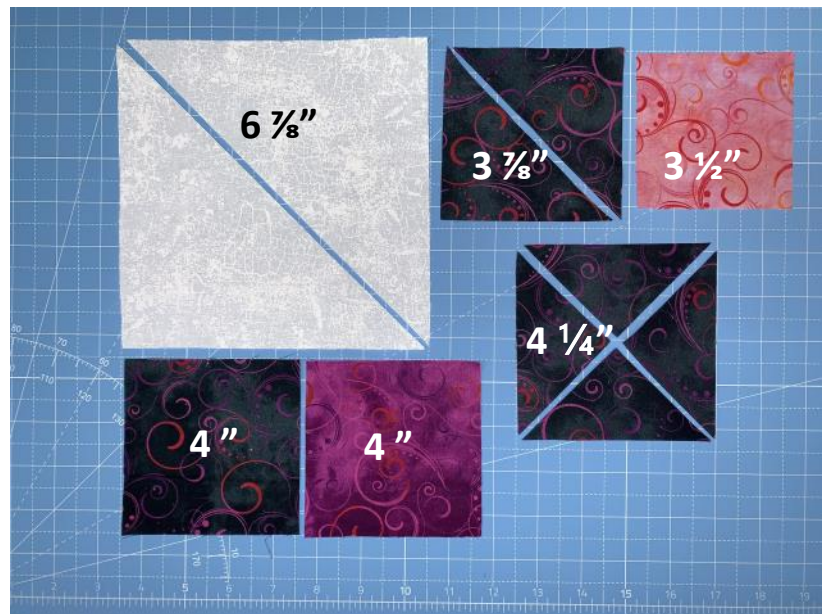
16 - 4" sq

Colour 4 - Pink

8 - $3\frac{1}{2}$ " sq

NOTE: Instructions are for assembling of one block only.

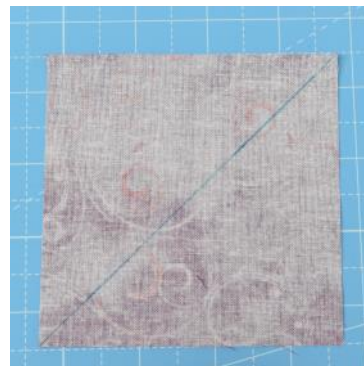
You can prepare all the same sections at once if you so wish. I sometimes find it easier to complete one block first, so that I have a reference block in front of me as I complete the rest.



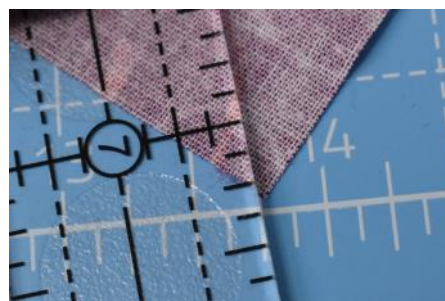
Beginning with the 4" squares of colour 2 & 3.

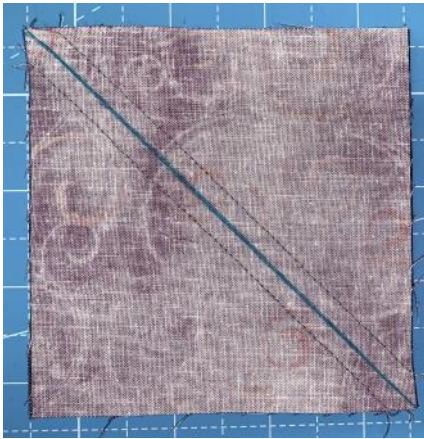
We will be making all the half square triangle units or HST's for all the blocks.

Draw a diagonal line on the wrong side of 16 of colour 3. (or on the colour you can see your line on)



When drawing your line be sure to compensate for the width of your pen/pencil as shown in the picture, by having the ruler just "slightly" off of the points. Otherwise, your line will not be directly from point to point and you may not be able to trim your HST's to the proper size after.



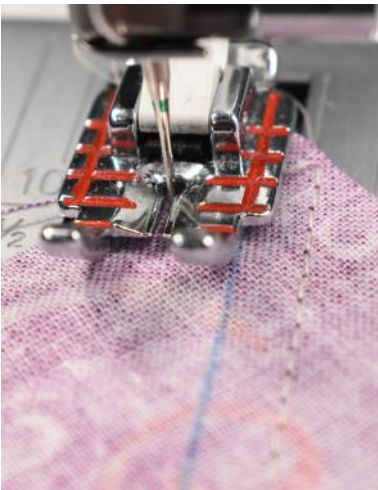


With right sides facing together, place the square with the line drawn on it on top of colour 2.

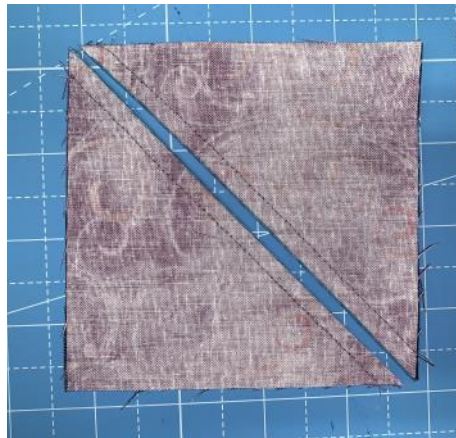
Sew a ¼" away from the line on each side of the line.

Do this for all 16 sets. This is the total you need for the blocks.

(drawn line has been over exaggerated to show placement in relation to the stitching lines.)

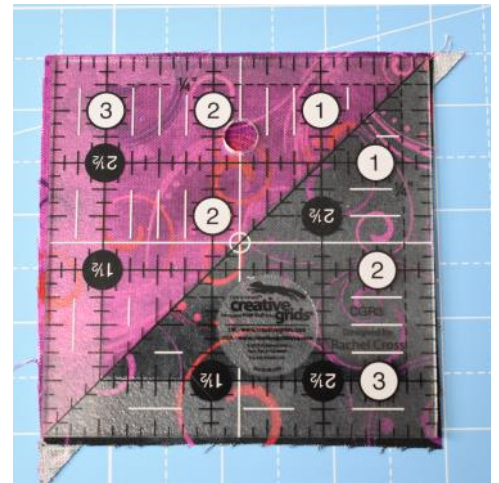


I line the edge of my ¼" foot to just "on" the line, not beside it. This will give you enough to trim the blocks to the correct size once sewn.



Cut apart the unit by cutting on the drawn line.

Press towards colour 2 or the darker fabric.



Line up the diagonal line of your ruler with the diagonal line of the square as shown.

Trim the HST to 3 ½.

When done, you will have 32 HST's



Carefully lay out your blocks as shown from the pieces you have cut. Watch how the HST's are place.

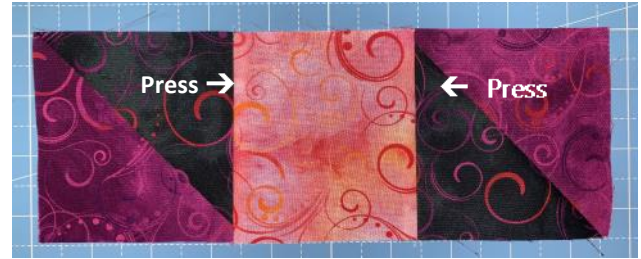
This will guide you in sewing the next few steps to complete the block.

Keep this close to you when assembling for reference.

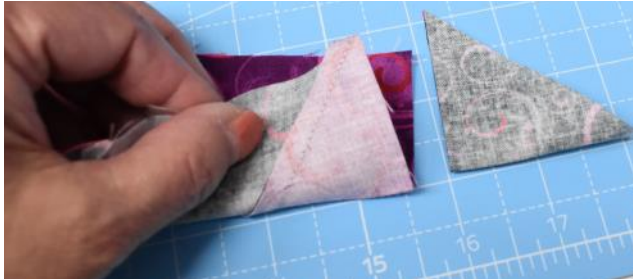
Following instructions are for assembling **one block only**, but if you keep your work well organized, you can complete one step on all the blocks before proceeding to the next step.



I will show assembly for "one" block. You will need to make a total of 8 blocks.
Working with the center row, lay out your pieces before you sew.



Pay close attention to how the two HST's are aligned!! Sew this section together - remember your $\frac{1}{4}$ " seam. Press both side seams towards the center block.



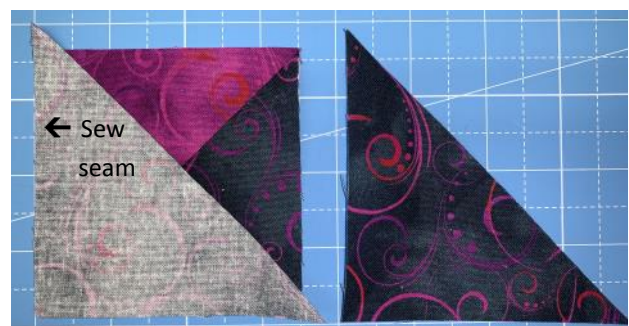
Using the small triangle piece - fold it in half and carefully finger press the center. Do the same for the unit you just sewed.



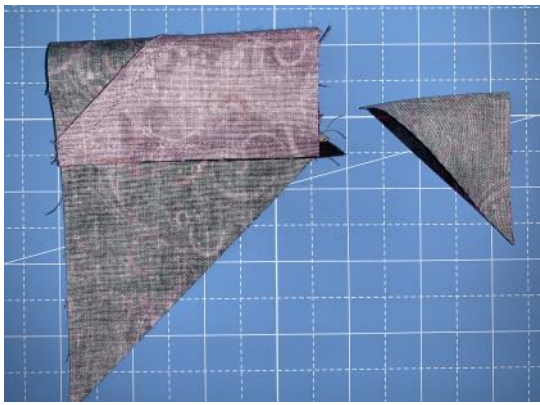
If you enlarge your PDF on your screen, you will see that I mark my centers that I finger press. Pin as shown and sew a $\frac{1}{4}$ " seam. Press these triangles away from the block.



Lay out this top & bottom portion - using two large triangles and one small triangle. You need to make two (per block) exactly the same.



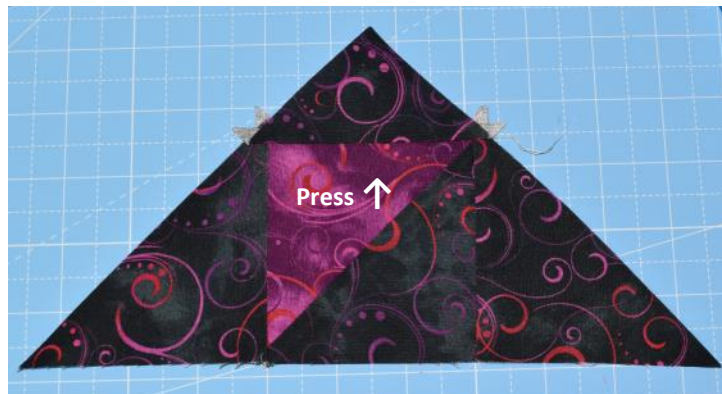
Align the larger triangle as shown and sew a $\frac{1}{4}$ " seam down the left side of the block. Press triangle away from the HST repeat for the other side.



Fold and mark your centers on the small triangle and the unit just sewn.



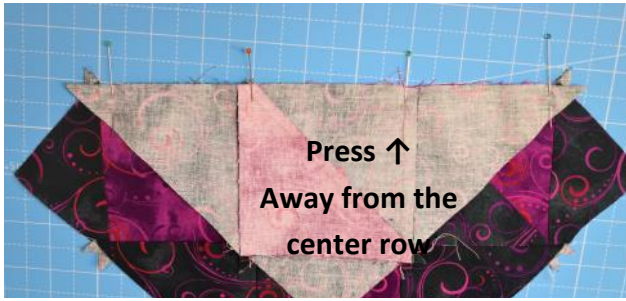
Match up centers and sew a $\frac{1}{4}$ " seam. Press the small triangle UP.



Remember you need to make two of these new triangle sections!



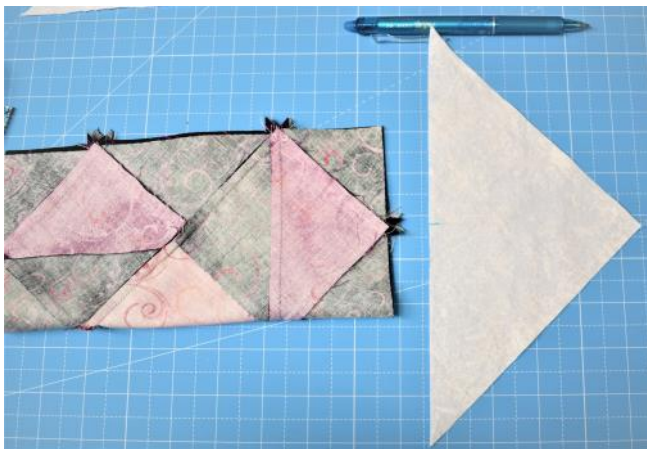
Sew the new triangle section with the center section you made previously. You will need to “butt” the seams together, meaning that you will need to get those seams very close so that the front and back nestle together. See how the seams at the arrows line up with the seam on the bottom section? Of course you won’t them together this way - this is just for reference on the positioning of the sewn seams.



Pin the triangle section in place - carefully pinning where you matched up those seams to nestle together. Remember ... use a $\frac{1}{4}$ " seam to sew. Press this section up.
Do this on both sides of the center section.
Press these sections up.



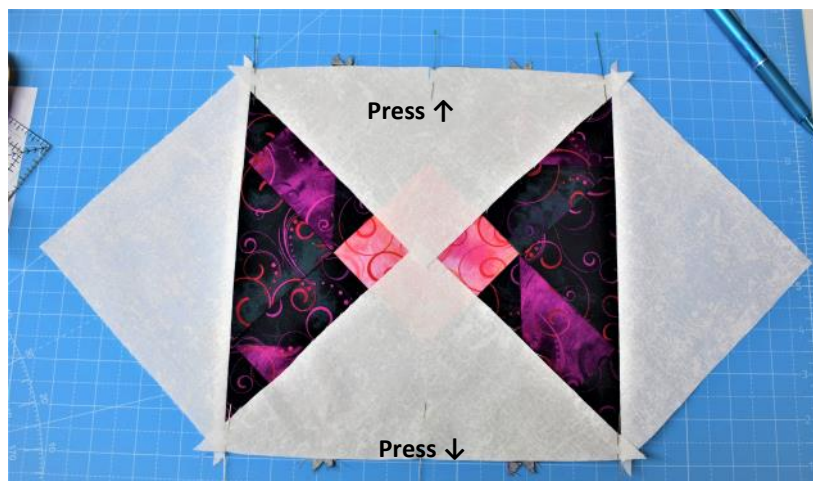
The arrows show how the seams should look when they are nestled together properly.



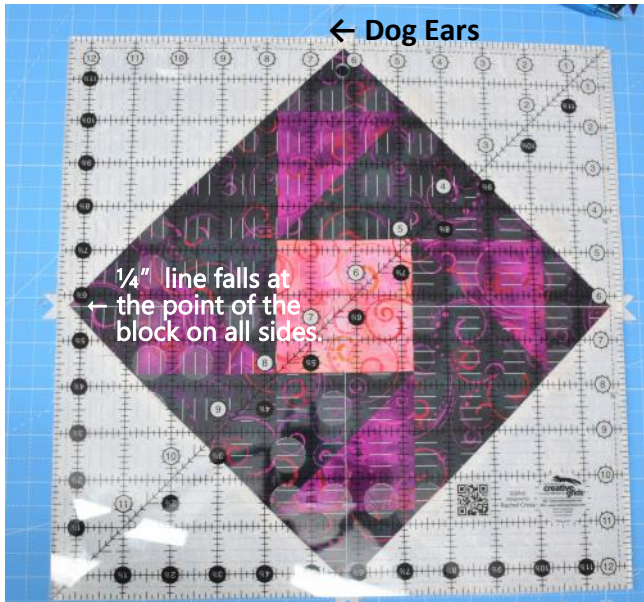
As done previous, fold and gently finger press where the center is of the block just formed, and the large triangle. You can see that I have marked the center of the triangle. Mark center of all four large triangles needed to finish this block.



Line up two of the large triangles on opposite ends of each other, making sure to match up at the center first. As you are working on the bias, do not "stretch" these triangles as there is no reshaping them if you do! Press away from the block.
triangles ... there is no reshaping them if you do!!



Sew the remaining large rectangles for this block on the last two sides and press away from the block.

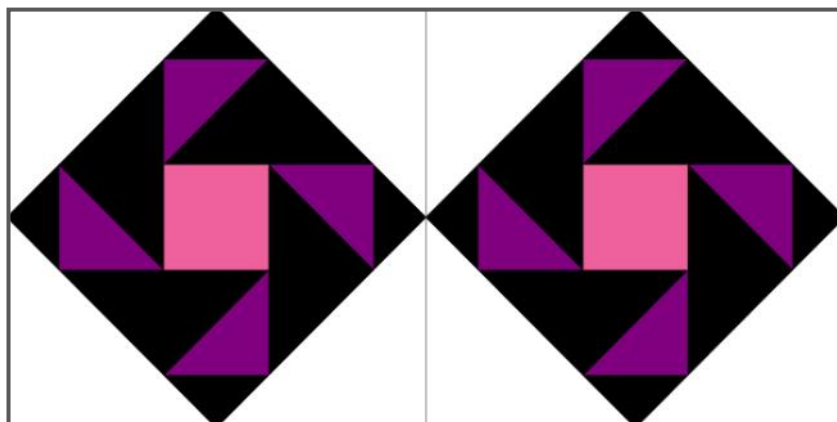


Align a 12 1/2" ruler on top of the finished block. Be sure to align the 1/4" lines at the points of the inside block. While in PDF mode - enlarge your picture to get a better view of how the lines fall. Trim your block to size "if" needed and to remove the "dog ears".



Block all trimmed to 12 1/2".

Remember ... you still need to make 7 more of these blocks if you worked at only assembling one, as you need a total of 8. 😊



Sew 4 units of two blocks each. Press seams open to ease some of the bulk in the center.
You are now ready to start the corner blocks!

Corner Blocks (4 blocks)

Cut the following for the corner blocks:

Colour 1 - White - Background

16 - 3 1/2" sq

8 - 4 1/4" sq. Cut on diagonal twice

16 - 3 1/4" sq (for HST - Draw a diagonal line on all 16 blocks)

Colour 2 - Black

16 - 2 5/8" sq

Colour 3 - Purple

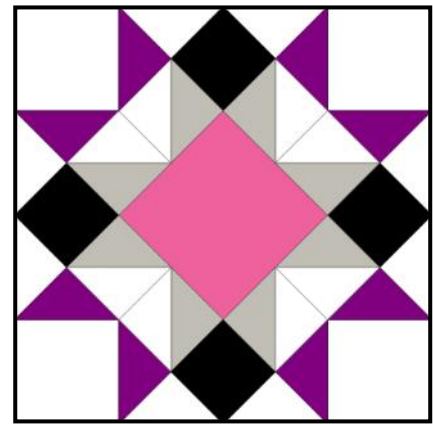
8 - 4 1/4" sq. Cut on diagonal twice

Colour 4 - Pink

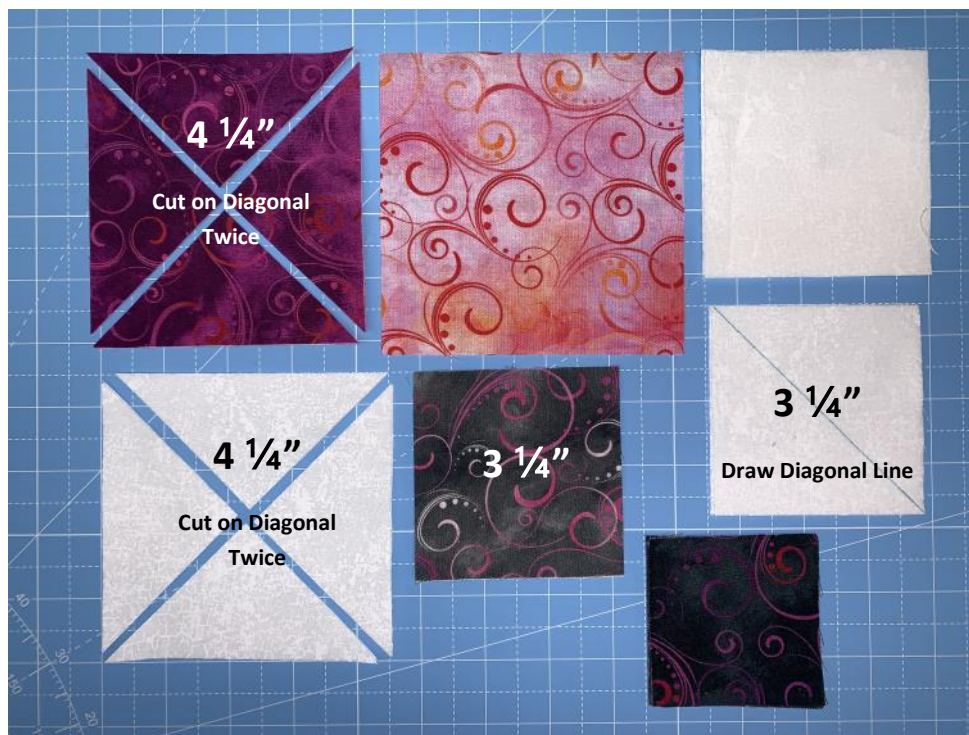
4 - 4 3/4" sq (center square)

Colour 5 - Grey

16 - 3 1/4" sq (for HST)



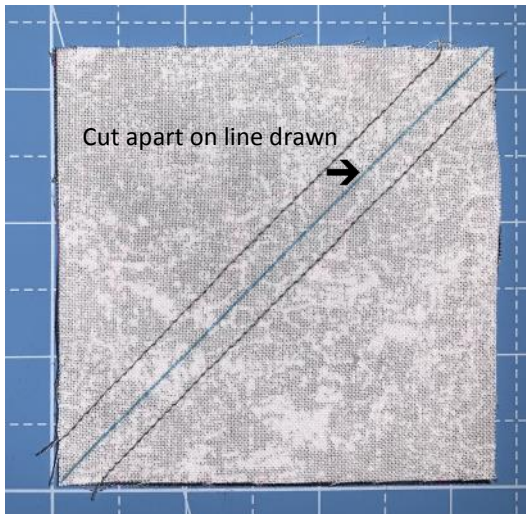
12 1/2" x 12 1/2" unfinished



NOTE: Instructions are for assembling one block only, although you will be preparing all of the units needed for one section all at the same time. (4 1/4" and 3 1/4" pieces)

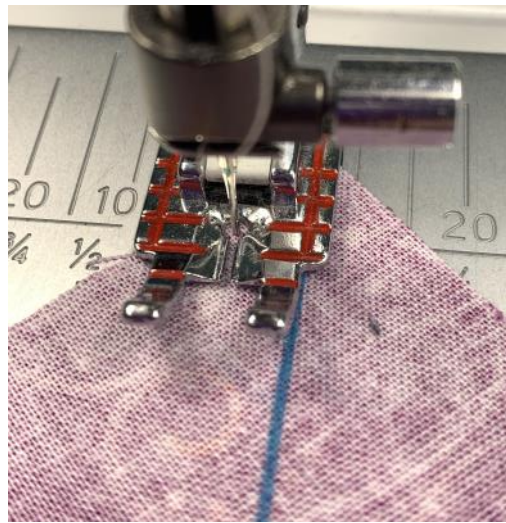
I sometimes find it easier to complete one block first, so that I have a reference block in front of me as I complete the rest.

You will need a total of 4 blocks.

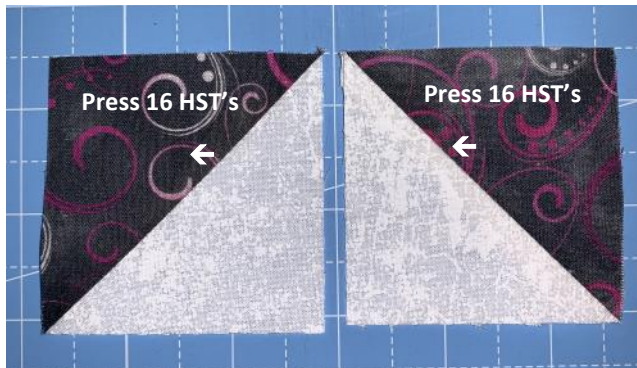


Pair up each of the 3 1/4" background squares with the Colour 5 3/4" squares with the diagonal line drawn on top.

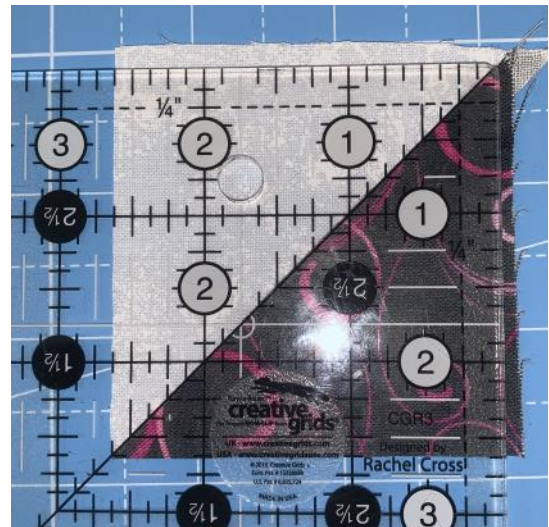
Sew on either side of the line approximately 1/4" inch. Cut apart on the drawn line.



Remember - I like to line the edge of my 1/4" foot to just "on" the line, not beside it. This will give you enough to trim the blocks to the correct size once sewn.



Press 16 of the HST's just made toward Colour 5. Press the 16 towards your background colour. This will make for much easier sewing once they are all trimmed. Place them back into this order when you have trimmed them.



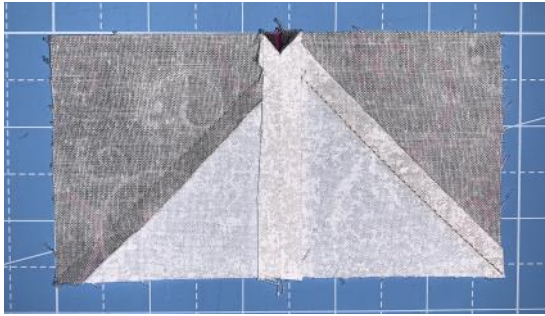
Trim all the HST blocks to 2 5/8"



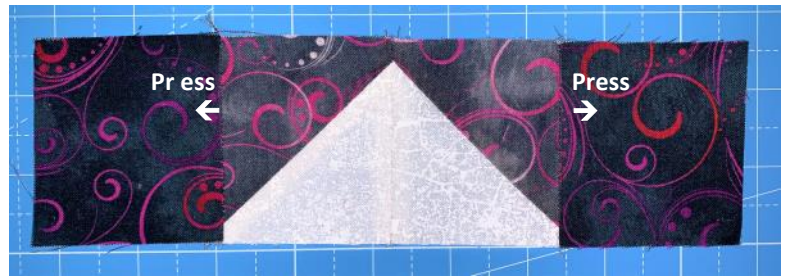
Using one HST from each pile, nestle the seams together. This is why we pressed them going in opposite directions. Make 16 units.



Close-up of nestling the seams together.



Press the seam open to help reduce some of the bulk later. Make 16 units.

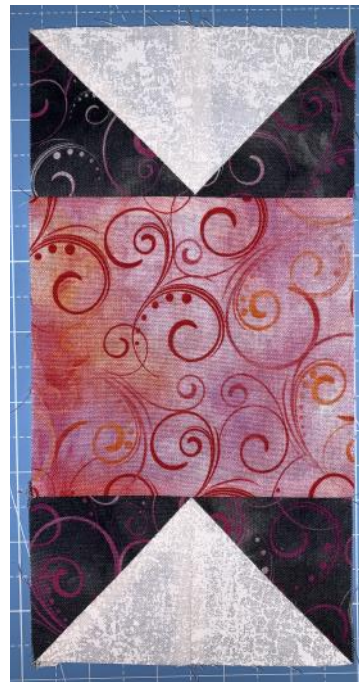


Sew two 2 $\frac{5}{8}$ " squares of Colour 2 on either side of 8 of the units just made. Press seams away from the middle unit.



Sew two HST units to either side of the center square.

Be sure you are using a $\frac{1}{4}$ " seam!

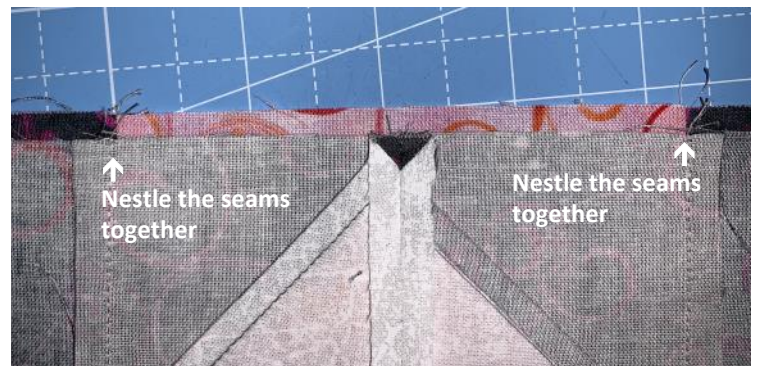


Press seams towards the center.

Note how your points will form when you sew your $\frac{1}{4}$ " seam.



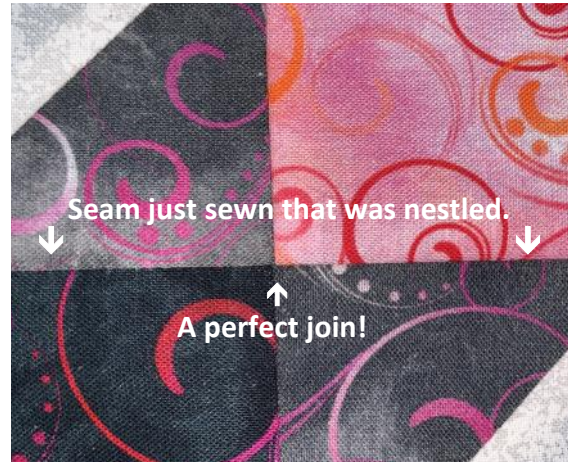
Sew two of the units to the either side of the center block a shown. Once sewn, press seam towards the center of the block.



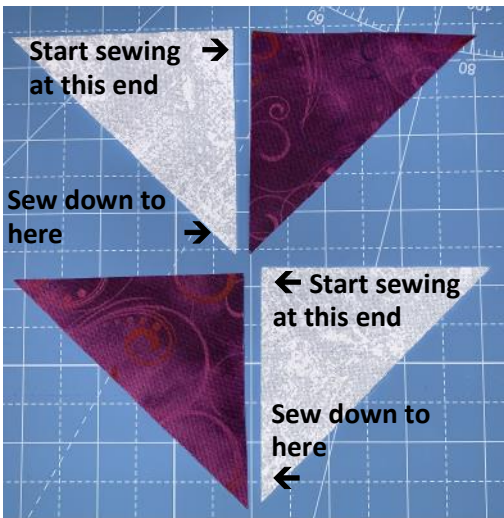
Close-up of the nestling of the seams. When seams are pressed in opposite directions, it is much easier to nestle them together and get a clean joining of two seams when sewn together.



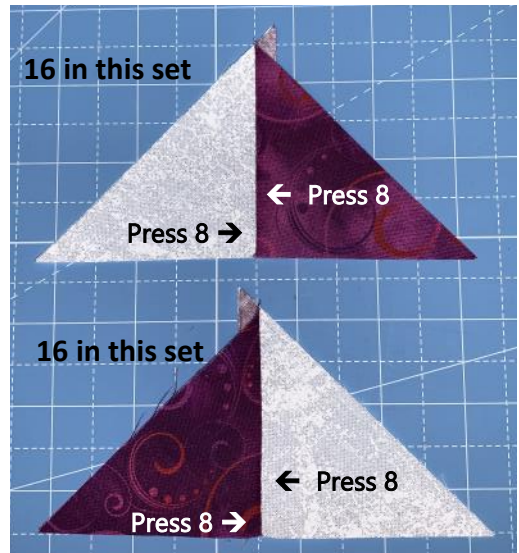
Your block should be looking like this at this point.



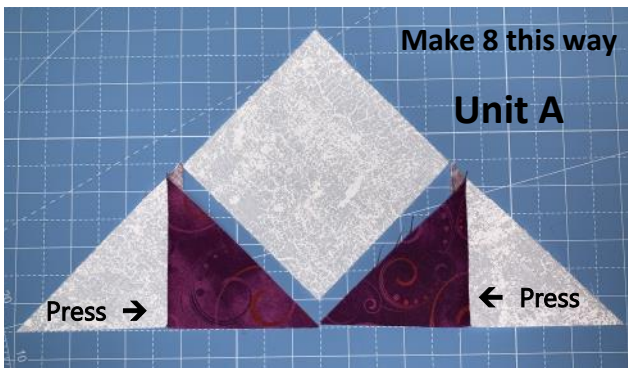
Close-up of the seam when sewn. See how it makes a nice continuous join when the seams nestle properly.



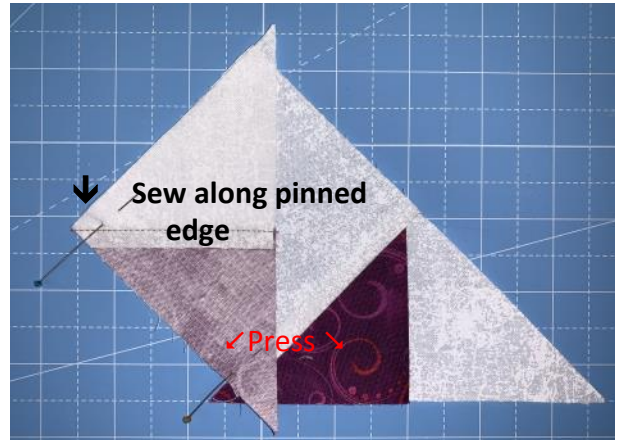
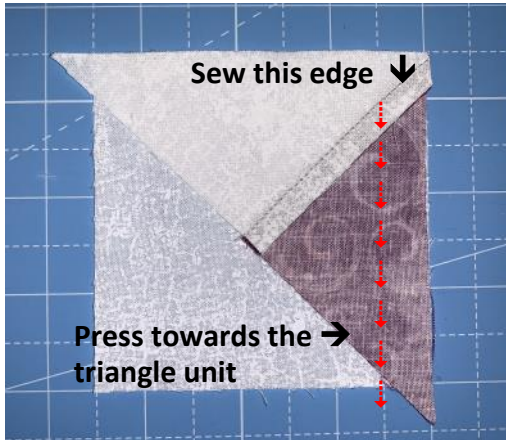
Arrange your small triangles cut from the $\frac{1}{4}$ " blocks of Colour 1 and Colour 3 as above. Sew from the top or "flat" edge when you begin sewing the triangles together. Starting to sew from the point harder - so sew from the flat side. You will have a total of 16 sets of each.



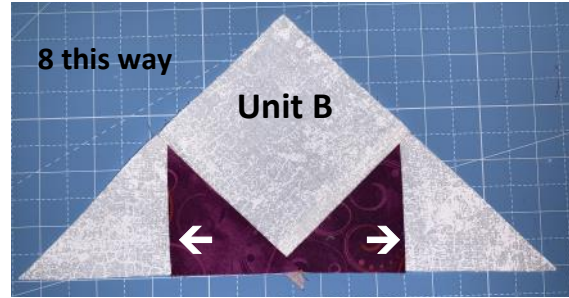
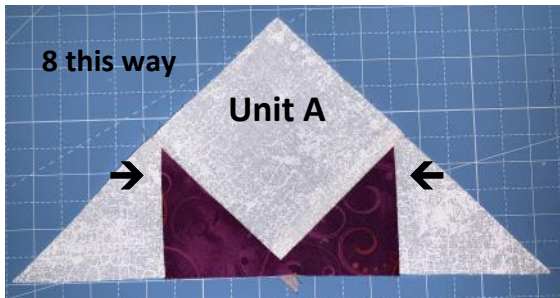
Pay very close attention to the above on how these are pressed and how many. This will become very important in the next two steps!



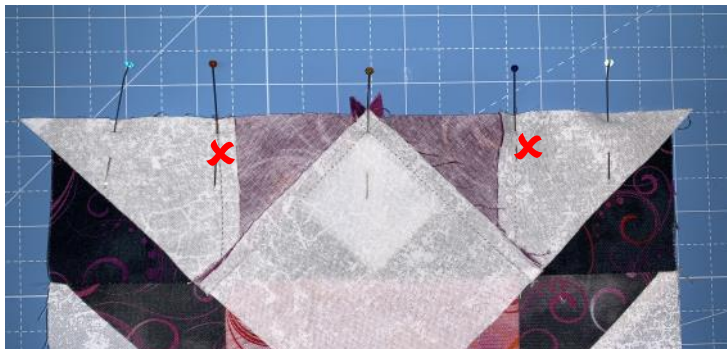
Using the $\frac{3}{2}$ " Colour 1 - background square, align them with the small triangle units just made. You pressed those little triangles in two different directions just for this assembly. The arrows show you which triangle unit to use where. Next two diagrams will show you how to sew these together. They are now known as Unit A and Unit B



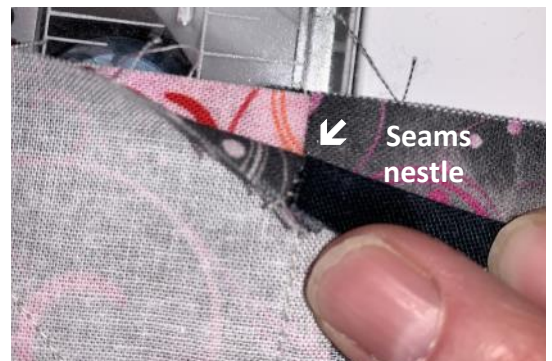
Sew the units as shown, but pay no attention to which way the seams are going as this is just to show you how to sew these units together. Press the seam away from the background square. You will do this for both Unit A and Unit B, and keep them in their separate piles.



Arrows indicate which way the seams on those triangle units should be facing, so that you have no trouble with the final assembly of this block. You can trim away the dog ears at this point.



The "x" shows where you will be nestling the seams together and is easier to do as the seams are pressed in opposite directions. This unit will run off the edges and that is perfectly fine! Be sure to sew right off the edge keeping your seam at a 1/4".



The "x" marks one of the seams that was nestled together. This picture shows a close-up of that. Pin in place to keep them together.



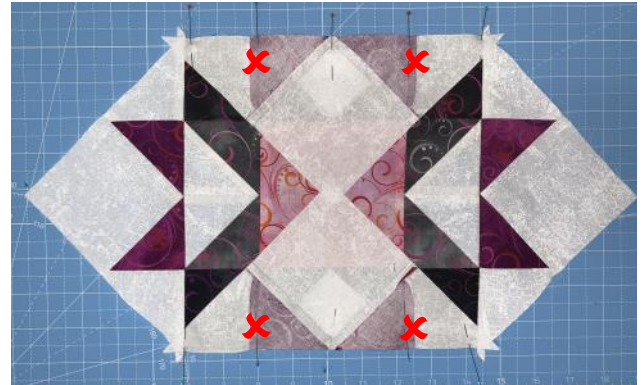
Before you sew the seams, you can pin both sides down and nestling where indicated by the "x".
Be careful not to stretch the seams.



With the points falling off the ends, it leaves you space that forms your 1/4" seam. You 1/4" seam should actually fall in between at the point shown. Don't worry about the dog ears at this time.



Press the end units up away from the center block.



Pin the last two units to other sides of the block. x marks the seams you need to nestle. Press the section up as the first one.



Carefully square up the blocks to 12 1/2". This will get rid of those dog ears.

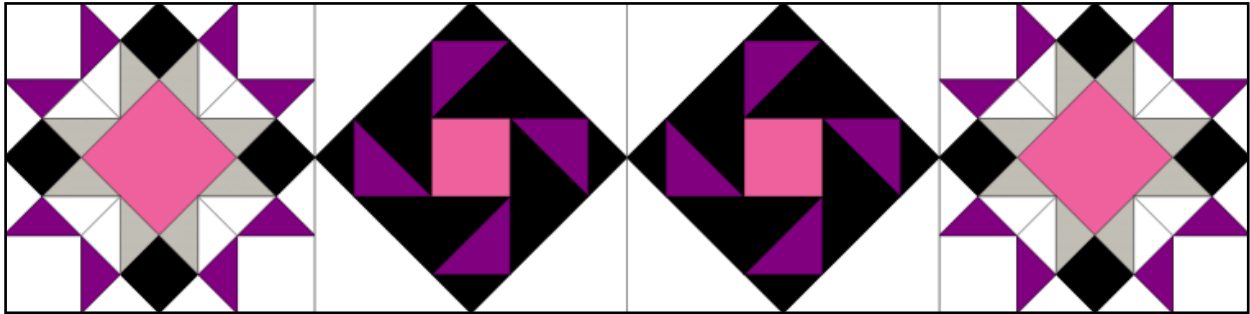


Corner block all trimmed up. Great work! Remember - you need 4 corner blocks.

Now that the corner blocks are made, you can sew up the two rows that will be needed for the final assembly.

Use 2 pairs of the side blocks that you sewed together earlier and add a corner block to each end.

Do this twice.



Now we move onto sewing up the center block!

Center Block

Cut the following for the center block:

Colour 1 - White - Background

- 2 - $4\frac{1}{4}'' \times 18\frac{1}{2}''$
- 2 - $4\frac{1}{4}'' \times 11''$
- 1 - $7''$ sq

Colour 2 - Black - Applique (not shown in picture)

You will cut this at the end of the center block instructions

Colour 3 - Purple

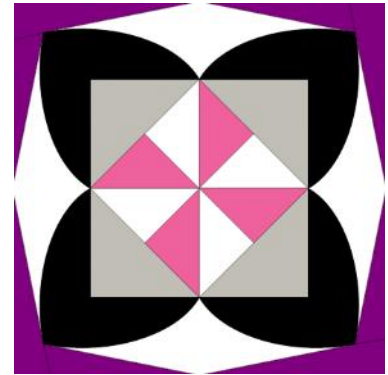
- 4 - $2\frac{1}{2}'' \times 11''$

Colour 4 - Pink

- 1 - $7''$ sq

Colour 5 - Grey

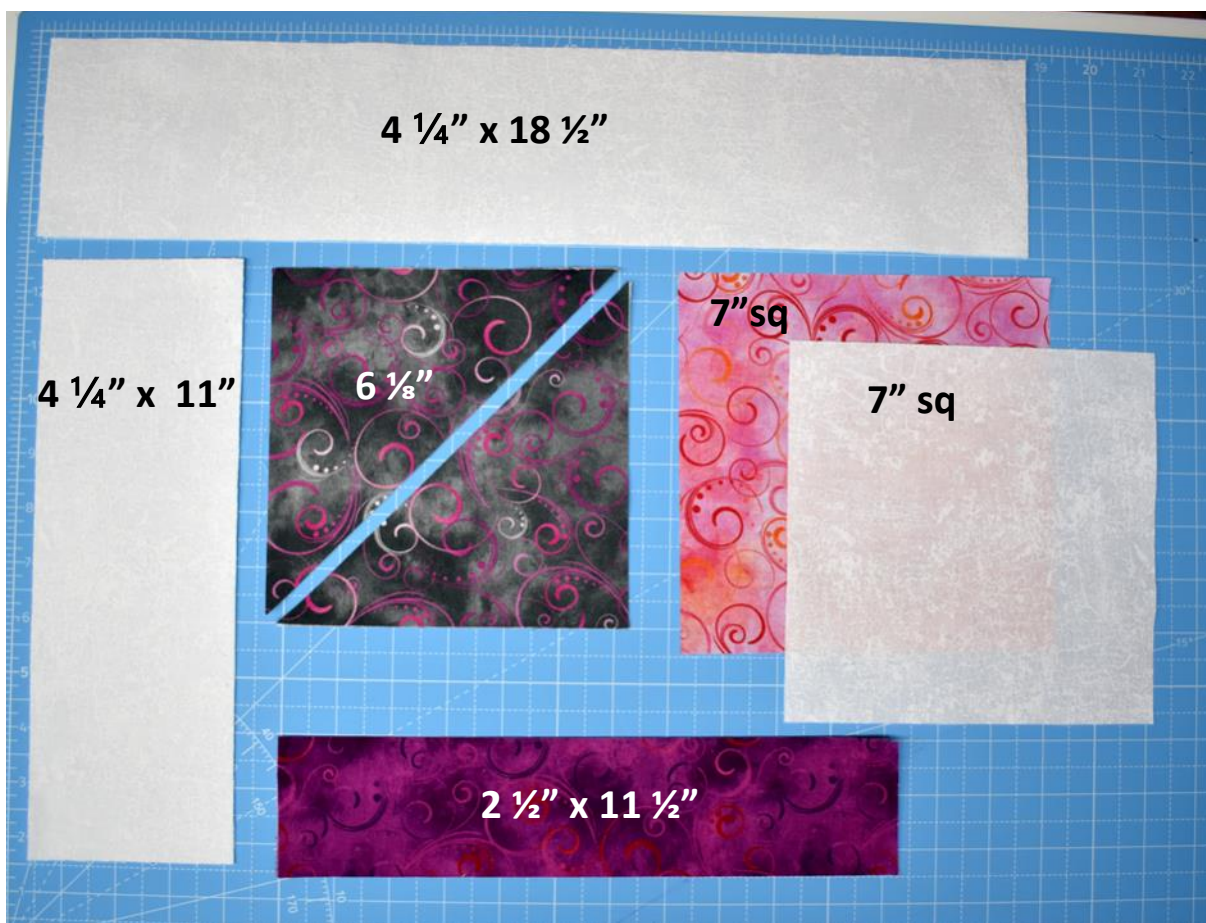
- 2 - $6\frac{1}{8}''$ Cut on the diagonal once



$18\frac{1}{2}'' \times 18\frac{1}{2}''$ unfinished

Fusible web - for applique in Center Block - depends on the width of the product you use, so you will need enough to cut at least 4 pieces $8'' \times 8''$

Tear-away stabilizer - $18''$ square or 4 pieces at least $8''$ square



We will start this block by making the inside of the block which is known as a “pinwheel block”. It is made up of four HST units. This time we will try another way of making the HST’s, making four at a time!



With right sides facing together, carefully line up the 7” sqs of colour 1 & 4.

Pin them together keeping them flat.

Sew a 1/4” seam on all four sides. Make sure to run your seams right off the edges as shown.

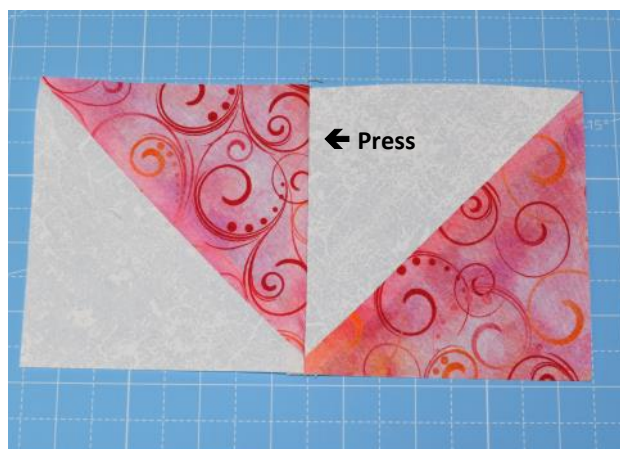
You can see that the seams run off the edges if you enlarge this picture when you are viewing in PDF document.



Cut on the diagonal twice, making sure that your ruler is on the point of each end before cutting!

Open the HST’s just made and carefully press towards colour 4 (darker colour).

Trim HST’s to 4 1/4” as you did in the previous block.



Sew two HST’s together, two times as shown, with a 1/4” seam. Press the seam in the direction as shown for both of the units.



Sew the two HST units together as shown.

Do not press the seam just yet, as you will “spin” the center seam so that it will lie flat when it is pressed.

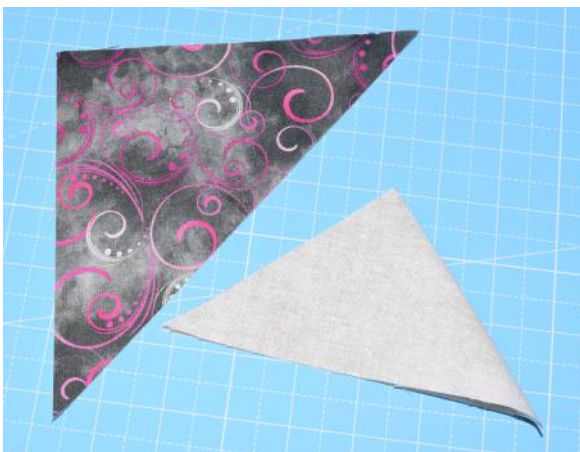


Unpick the first couple of stitches. DO NOT CUT THEM!! Leave the thread there. Now you can “spin” the seams.

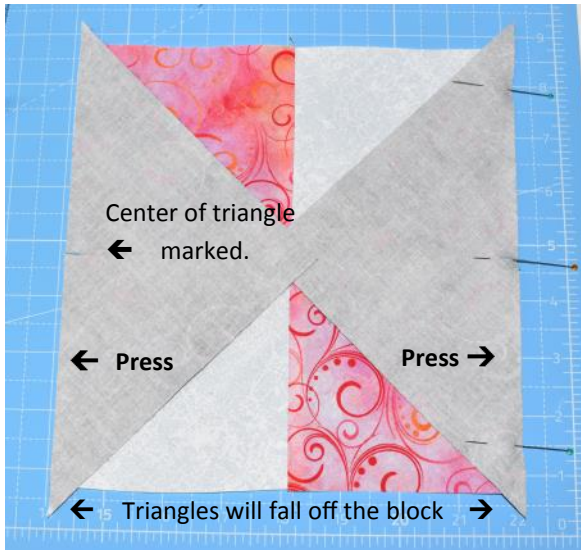
One seam will go up and one goes down, this will help with the “spin” and you will see this little pinwheel!

Now you can press the seams up and down as shown. Your pinwheel block will lie flat in the center.

Your block should measure 8” square.



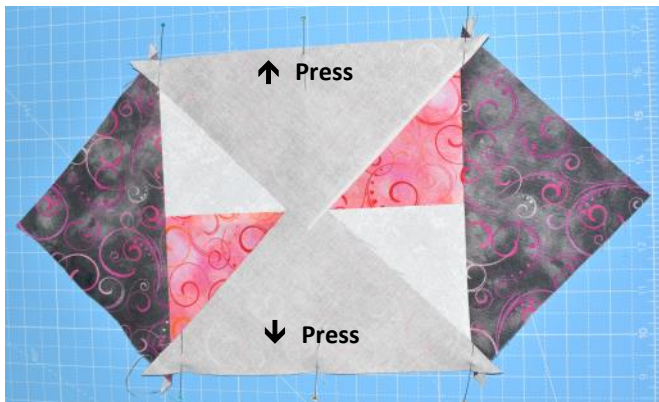
Using Colour 5 triangle pieces (4), fold on the long side to find center and gently finger press. You can mark center if you so desire.



Match the center mark of triangle with the center seam of the pinwheel block. Pin one on either side and sew a 1/4" seam. Do not stretch the triangle!

Note that the triangles fall off the block - this is good!

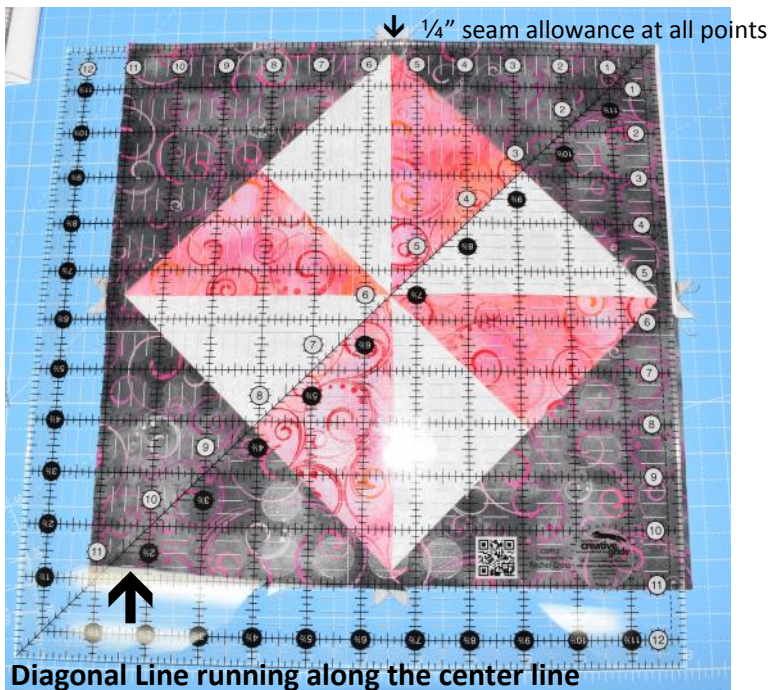
Press the triangles away from the pinwheel block.



Again, match the center mark of triangle with the center seam of the pinwheel block. Pin one on either side and sew a 1/4" seam.

Do not stretch the triangle. Once stretched you cannot reshape it as you are working with bias edges - meaning the "stretchy" edge!

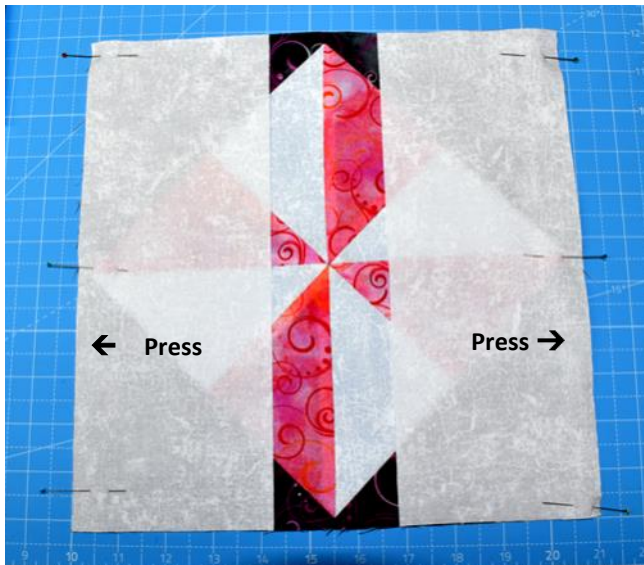
Press seam away from the pinwheel block.



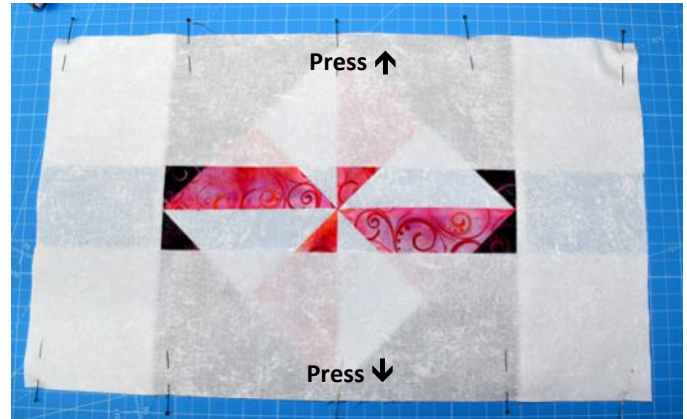
Trim block to 11" square.

Align your diagonal line with the center line as best you can and keep a 1/4" seam allowance at the points, just as you did in a previous block.

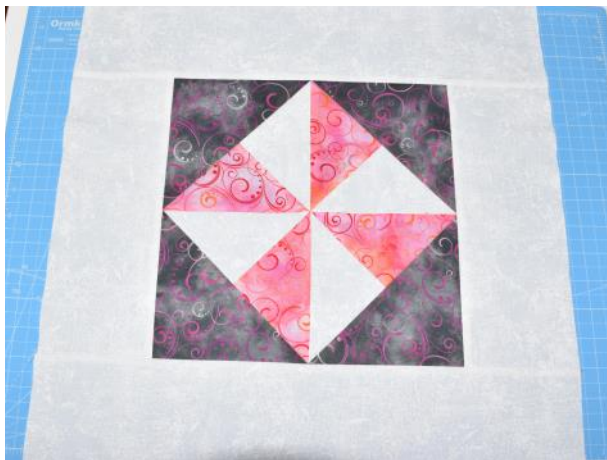
Remember, in a PDF you can enlarge this picture to get a better look at how this is positioned to trim.



Using the 4 1/4" x 11" Colour 1 blocks, pin on either side of the pinwheel block and sew a 1/4" seam.
Press strips away from the center block.

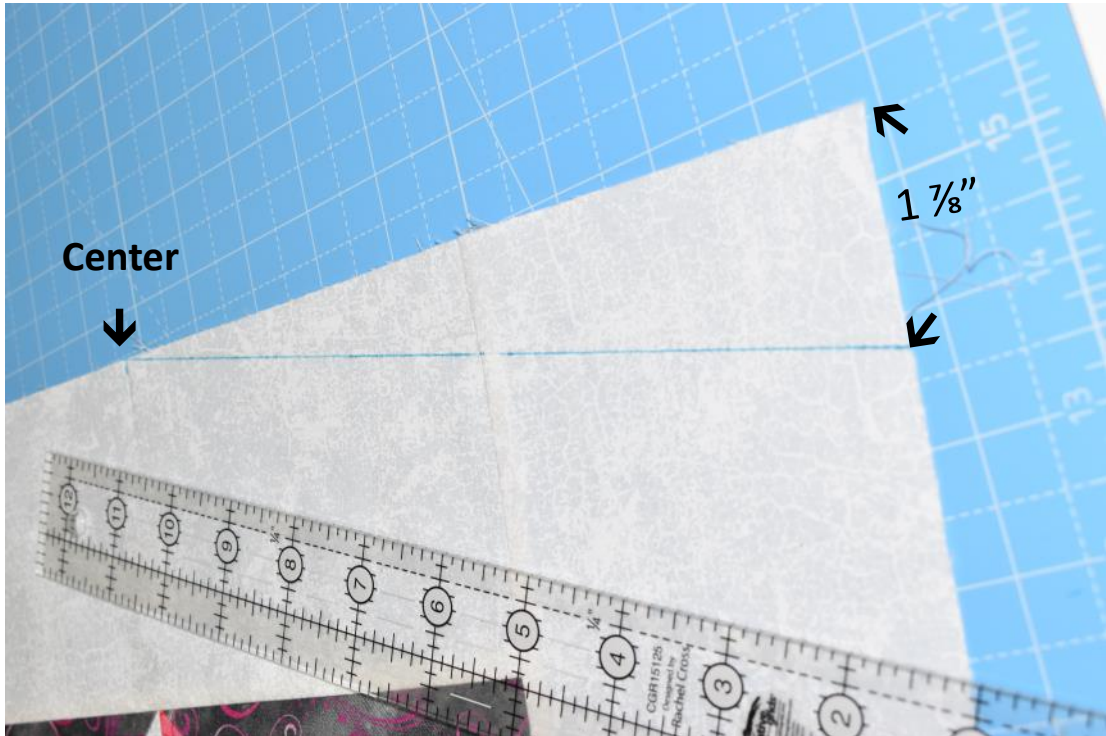


Do the same with the 4 1/4" x 18 1/2" strips.
Press away from the block.

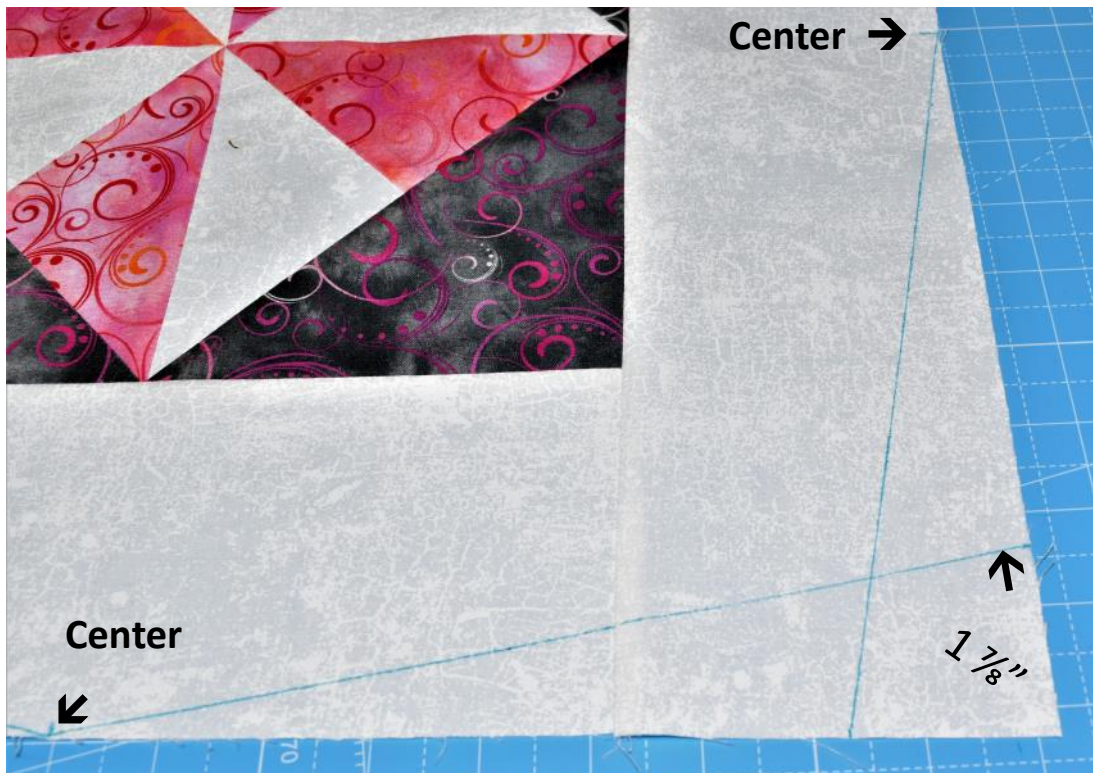


Press well, then trim block to 18 1/2" if needed.

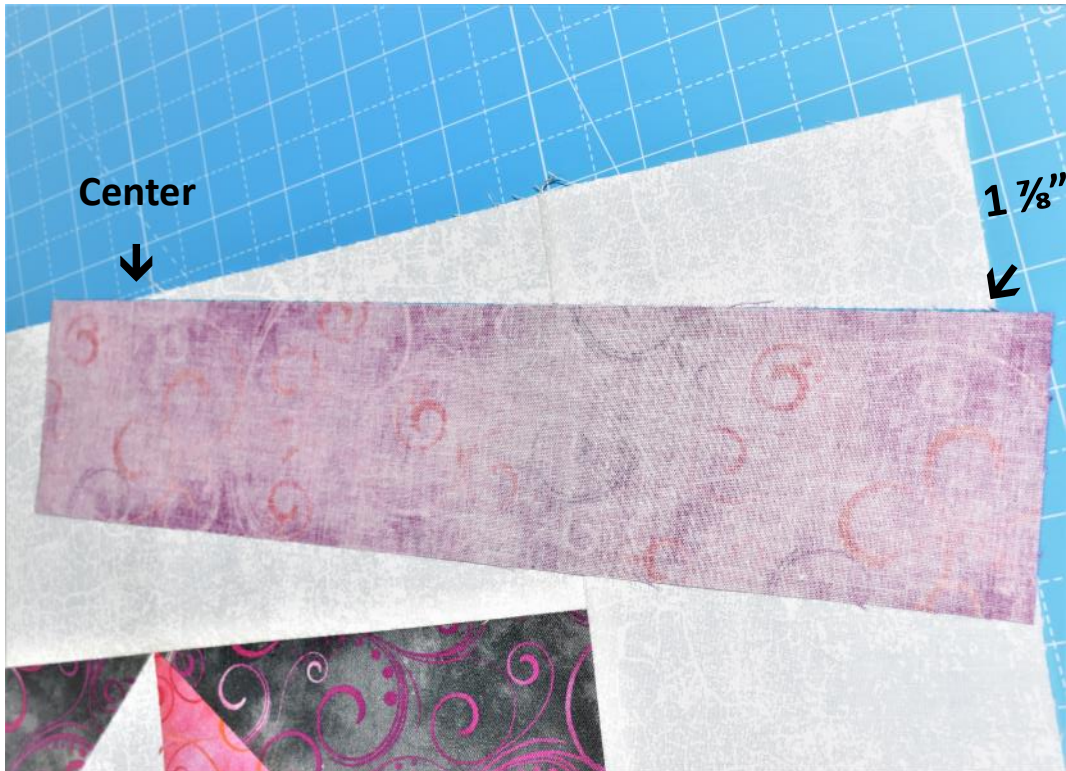
The next few pictures will be a lot larger in order to show you better on what your next steps will be. Very easy steps - and what a difference it will make to this block!



Fold the block in half and mark center on all sides of the block just finished. Measure down $1 \frac{7}{8}$ " from the corner point and place a mark there. Using your ruler, draw a line from center to the $1 \frac{7}{8}$ " mark. This is now a placement line for strips you will sew in place.



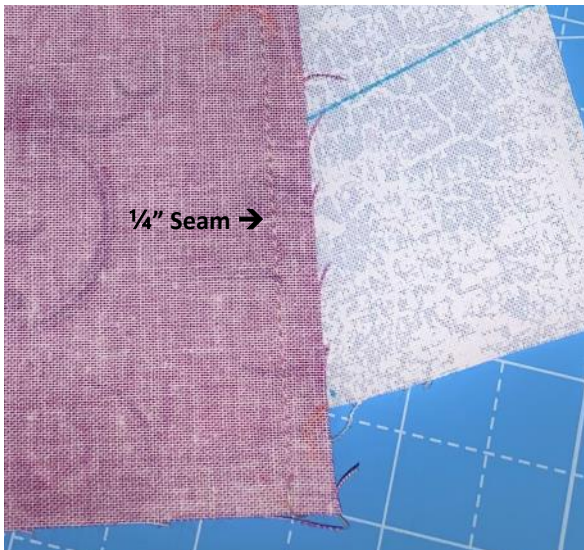
Your corners should look like this once you have marked the $1 \frac{7}{8}$ " line all around the block. You can use pencil to mark your lines but do so lightly so as not to distort your block.



Using Colour #3 strips, place one strip as shown on the placement line. Note how there is at least $\frac{1}{4}$ " overhang at center. Using your $\frac{1}{4}$ " foot and the edge of Colour #3 as your guide to follow, sew a line straight across. Finger press the strip up. **Do not use an iron** or you will lose your registration marks if you used a marker that disappears with heat! You can pin the strip in place for now if you so wish.

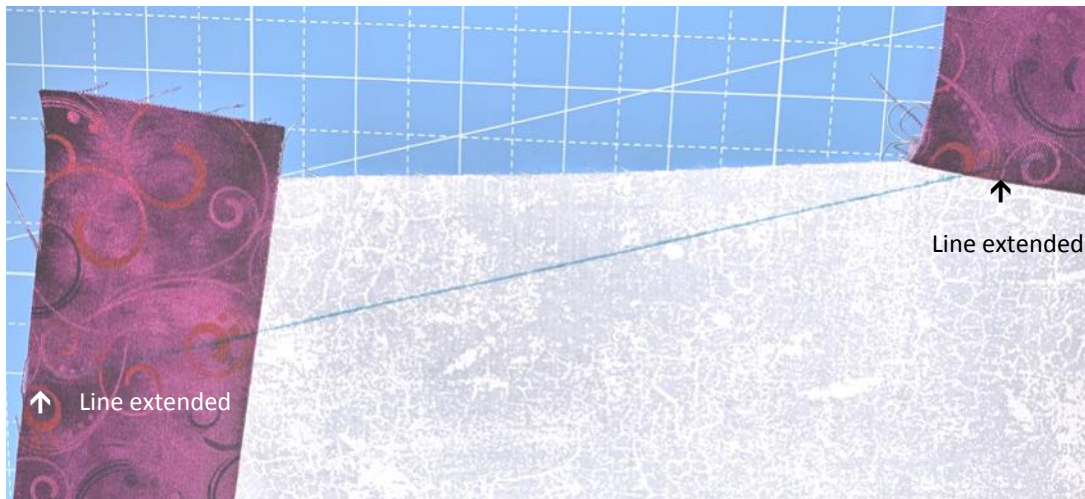


This is how your block will look when all four corners have the first strip on.



Close up of where your 1/4" seam should be.

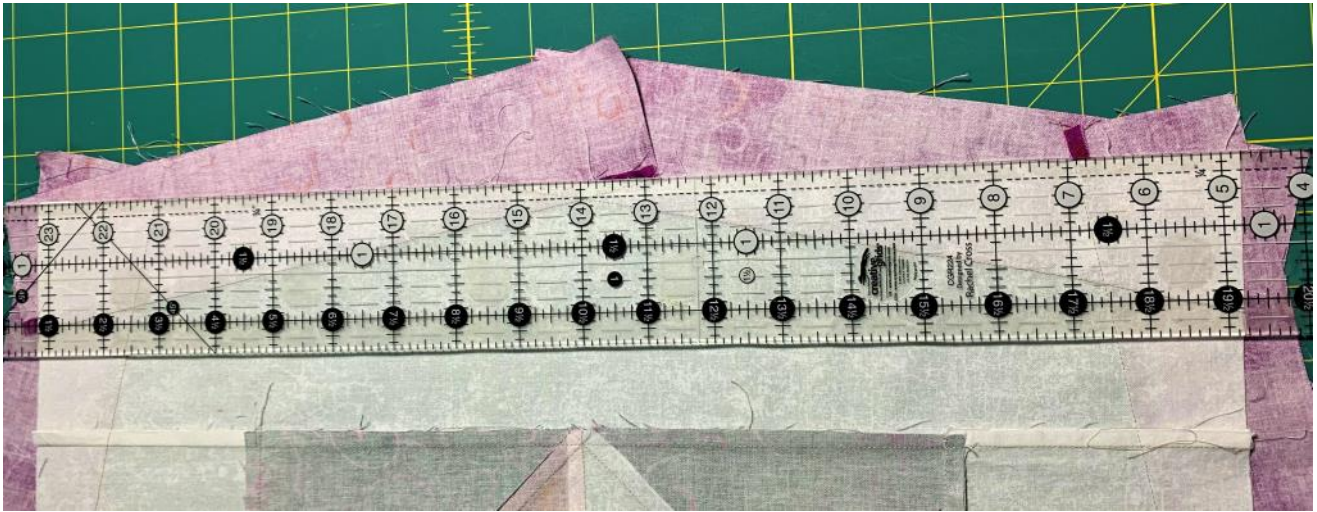
(remember to enlarge while in the PDF for a better view)



Once you have finger pressed all of the strips up, it's time to add the other strips in place. Extend the placement line on top of Colour 3 so that you are able to place your strips correctly.



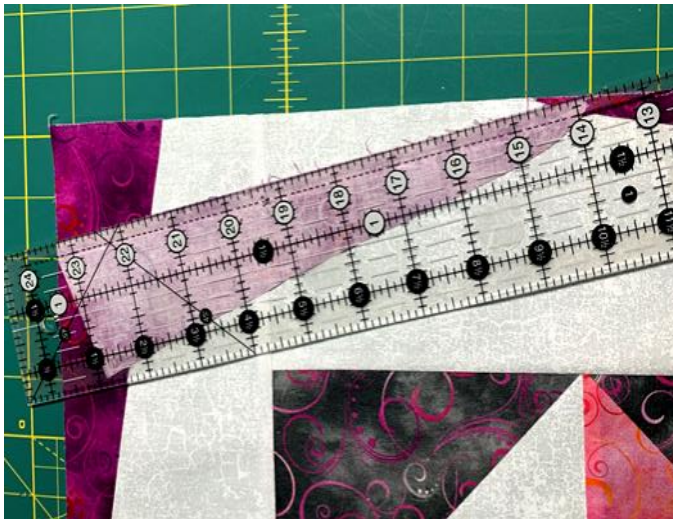
Lay the final strips in place as shown. Pay attention to the left hand placement. This ensures that you will cover the strip when it is pressed in place.



Once your block is nicely pressed, turn your block over. You will now carefully trim the excess of Colour 3 from the block. Trim across one end, then check that your block will still $18\frac{1}{2}$ " before you trim that next part off, which is should still be. Do the same for the other two sides.

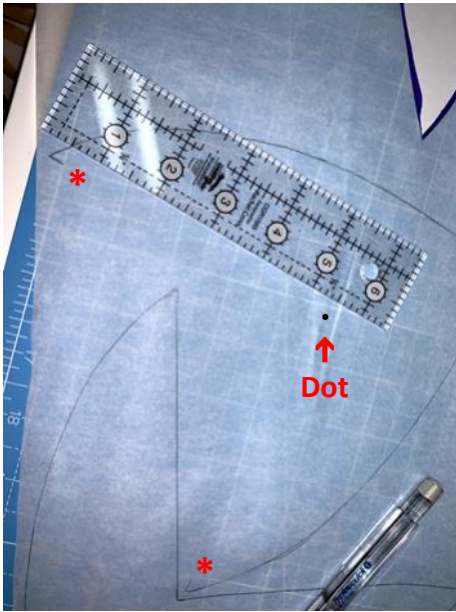


This is how your corners will now look!



Flip back one of the last strips just sewn down. You can now trim the excess off behind the block if you so desired, to reduce some of the bulk. You can only do this on this one end of each side! The other end I would suggest carefully cutting the excess away with scissors, making sure you are leaving at least $\frac{1}{4}$ " at the seams.

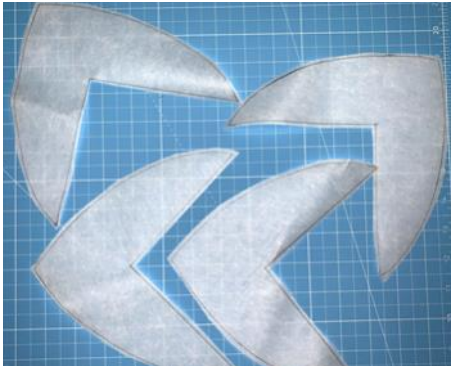
Press your block again and let's prepare for the applique part of this block!



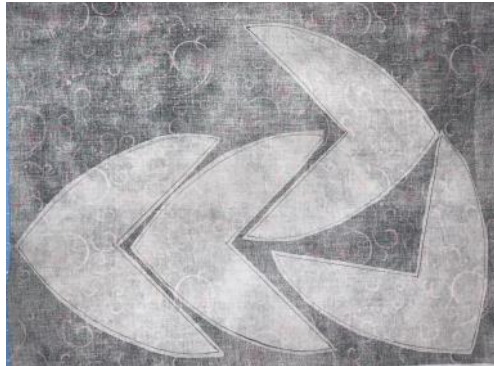
Using the fusible web, carefully trace using the inside line on the pattern for the applique - that is on page 29, **4 times**. The traced line is your cutting line so be as precise as possible, especially on the inside straight lines. Use a ruler to trace those parts.

To keep those inside lines “straight”, I put a dot where the two lines meet (don’t trace) and just “start” to trace the points (*). Then I use a ruler to connect the two.

(remember to enlarge your PDF on your device to get a better view)



When cutting out applique on the fusible, be sure to leave at least $\frac{1}{8}$ " all the way around the traced edge. **DO NOT** cut on the line.



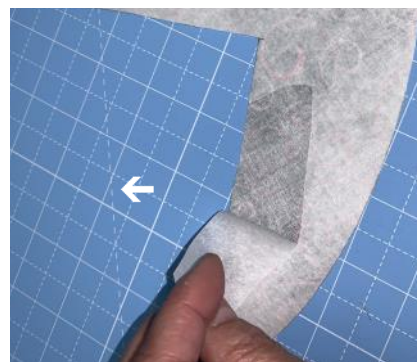
Place the applique shape with the “glue” side down on the **wrong side** of Colour 2 fabric and press. You can arrange your appliques in a way that saves fabric as shown. You may want to use a pressing sheet to save getting glue on your iron. Then cut the pieces out **precisely “on the line”**.



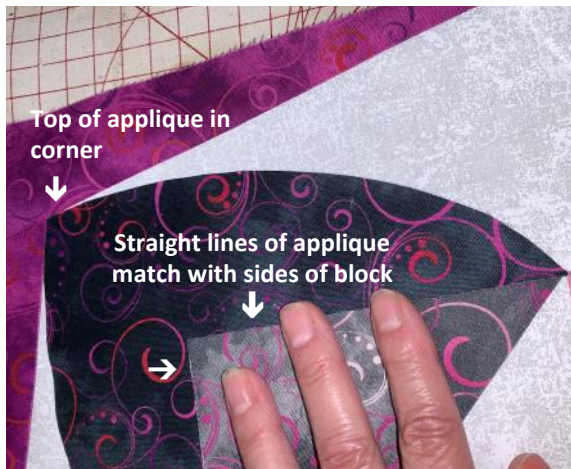
Score the paper in the center of one of the appliques. Insert needle to lift the paper. **DO NOT** start at the edges as it will distort the threads on edges!!



Edge could fray/distort if you try to remove the paper



Carefully pull it away. Always start in center to remove more paper and work out to the edges.



Working with one applique at a time, place the top of the applique in the top corner. Align the 90° of the applique along the sides of the inside block. Be sure there is no white showing. Touch the iron down in a couple spots to tack in place before pressing it all down.

NOTE: It is a good idea to use a tear-away stabilizer under your block when sewing down the applique. This helps to keep the stitching from “sinking” into your block and possible distortion. Carefully tear the stabilizer away from the back when all your stitching is done.



Repeat the tack down process with the iron with the other three applique pieces, making sure the points are close together as shown. If need be you can use pins to keep in place.



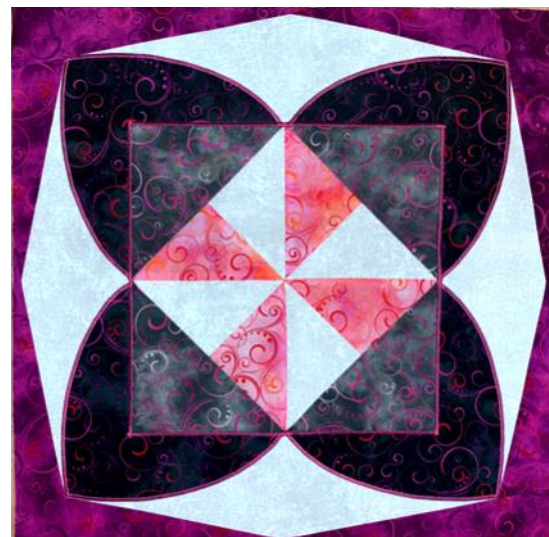
Test which stitch you prefer to sew down the applique.

Top is a Button-hole stitch, while the bottom is a satin stitch.

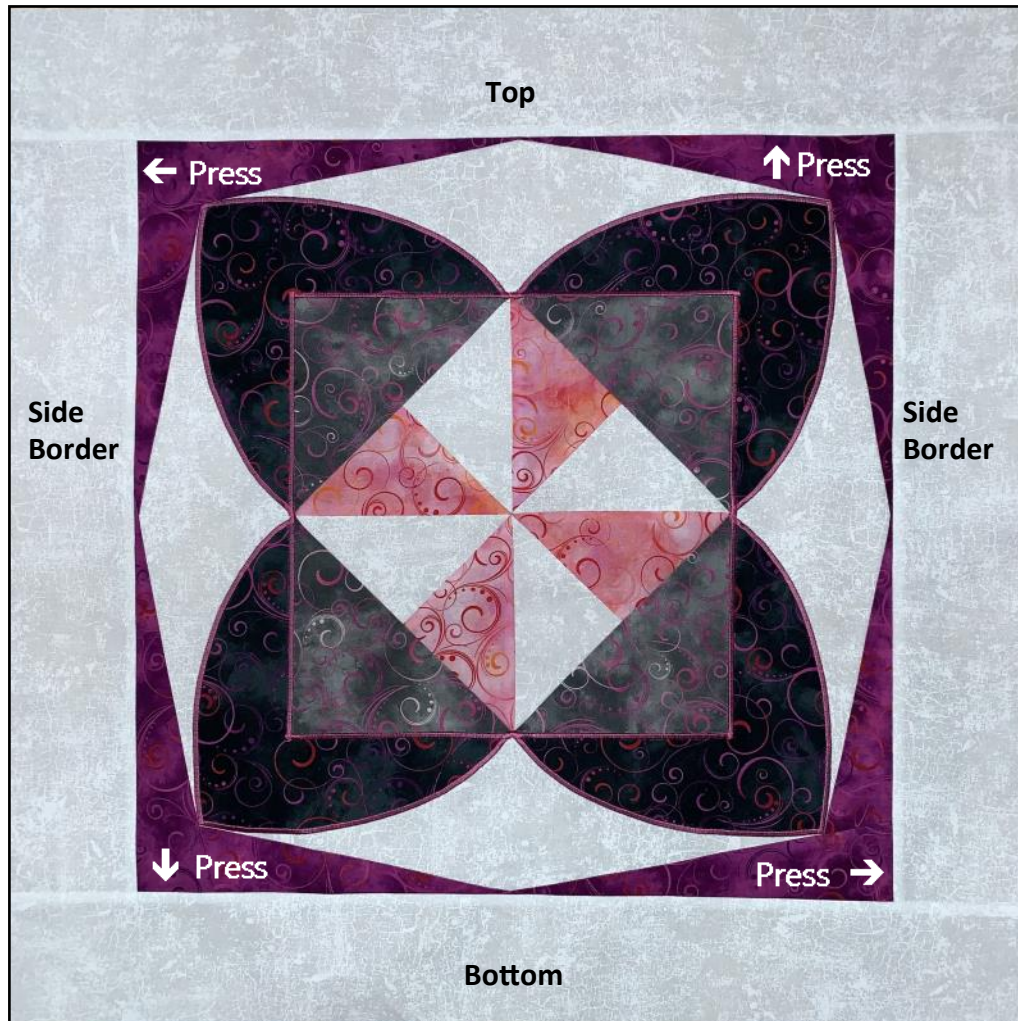
I chose the satin stitch to finish with, using an open toe foot to easily see where I am sewing.



Working on the outside curves first, use your preferred method to sew down the applique. Finish by doing the inside square last to give it a nice clean finish.



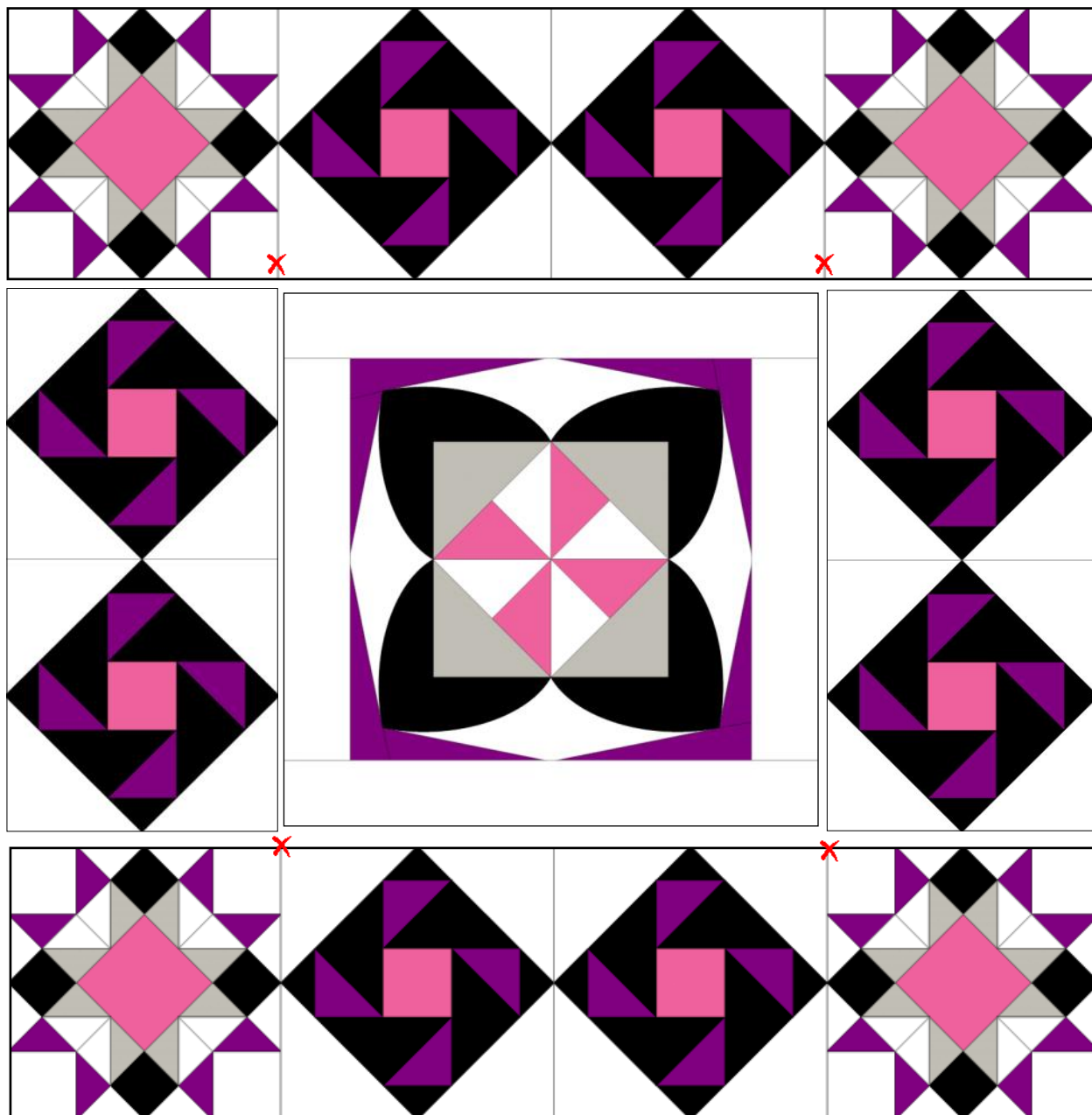
Stitching of applique is complete.



To finish off the center block , we will add the final border strips (Colour 1) starting first with sewing on both sides. Don't forget to use a $\frac{1}{4}$ " seam!

Press seam away from the block. Sew the top and bottom border strips on, pressing the seam away from the block.

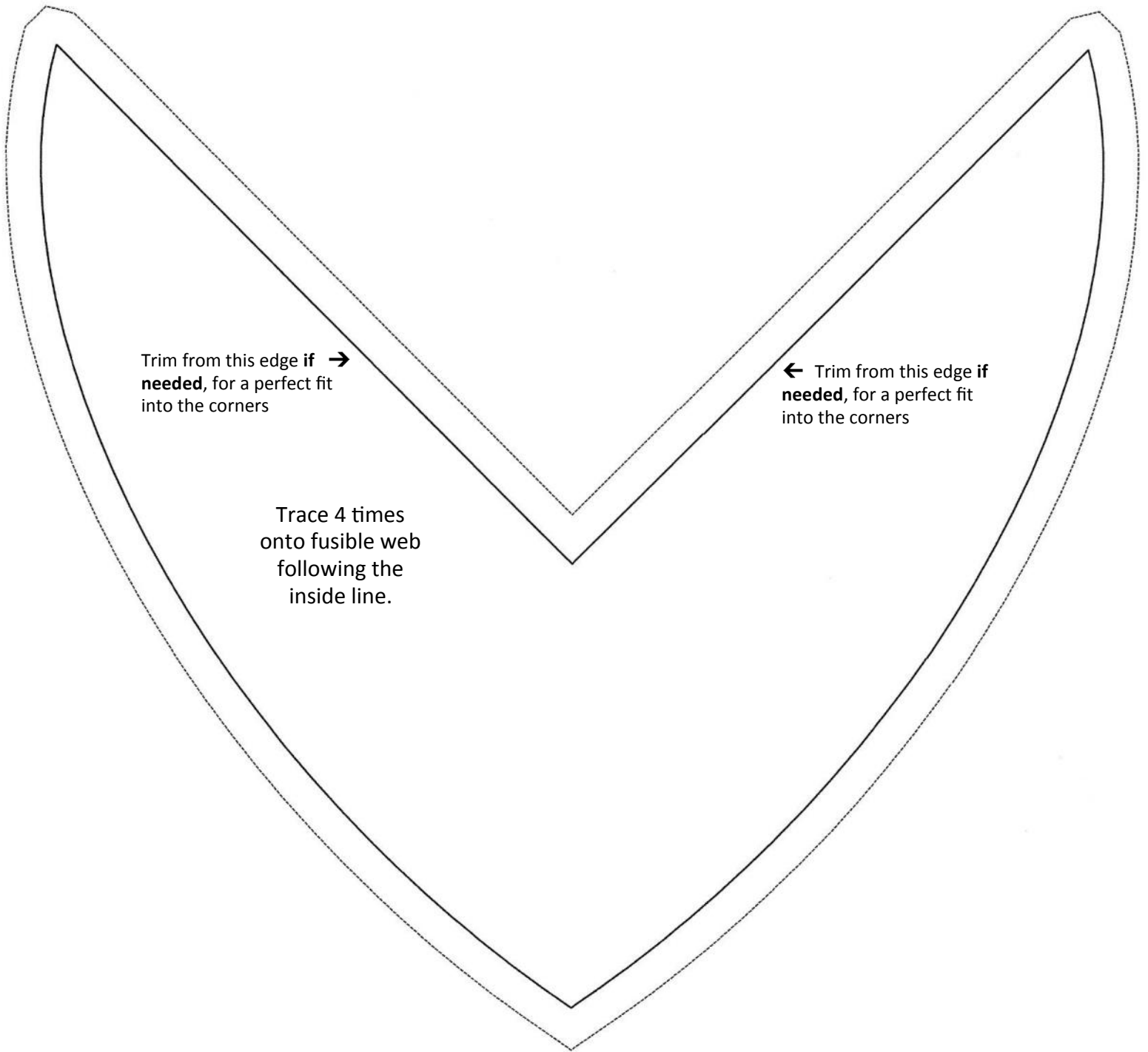
Now on to the final assembly!



Sew the remaining side blocks to the center block. Pin to keep everything lined up while sewing. Press seams towards the center block.

Sew the top and bottom rows last, making sure that you nestle the corner block seams with the other block/row seams join as shown at the "X". Press seams towards the center block.

Press your piece well, then sandwich and quilt as you desire.



Trace this template four times using Wonder-Under (fusible web) following the “inside” measurement.

Be sure to fuse to the **wrong side** of the fabric.

If needed, trim from the side indicated to fit your into the corners perfectly.

(For those who hand applique - you can use the outside line as your guide for cutting your fabric and the inside line for your template)

When you have completed the construction of your quilt, please share on the CQA/ACC website in the New Member Wheelhouse Quilt Gallery.

Simply, take a picture of your quilt and fill out the form on the website here: <https://canadianquilter.com/new-member-gallery-wheelhouse-quilt-series-entry-form/>

Attach your photo and submit.

It will appear in the gallery within 10 business days from the submission.