

COAT OF ARMS

Project Rating - Intermediate



Wall	20" x 20"
F1	1/2 yd.
F2	FQ*
F3	FQ*
F4	FQ*
Backing	3/4 yds.
Batting	24" x 24"

*FQ = Fat Quarter (18" x 21")

Other Required Supplies:

- Tucker Trimmer I™ Tool by Studio 180 Design
- Corner Pop II™ Tool by Studio 180 Design
- V Block™ Tool by Studio 180 Design
- Square Squared™ Tool by Studio 180 Design
- Rotary Cutter and Mat
- Basic Sewing Supplies

Quilted Treasures

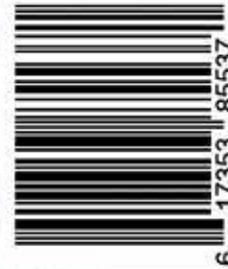


step by step



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COAT OF ARMS

Designed by Raija Salomaa

QTC - 2207

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Coat of Arms is a fun little quilt that uses four beautiful fabrics from Heidi Pridemore's Signature Collection Woodcut Blossoms by Island Batik. You will need Tucker Trimmer I™, Corner Pop II™, V Block™, and Square Squared™ tools by Studio 180 Design to make this quilt.

Directions are given for a mini wall hanging. F1 fabric is yardage where as all the other fabrics cut from Fat Quarters (FQs). Accurate ¼" seam allowances and precise cutting are key to making the best possible quilt. Press seams after each step in the direction indicated by the arrows unless otherwise instructed. A small stitch length is recommended.

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CUTTING THE FABRICS



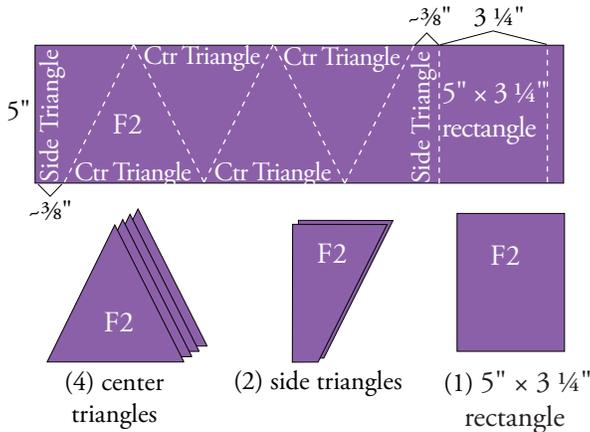
	Mini Wall Hanging ~ 20" x 20"				Sub-cut into:
	F1*	F2	F3	F4	
5"	1	2		2	F1 5" strip: (8) 5" x 3 ¼". Cut the remainder into a 3 ½" strip.
4 ½"				1	F1 3 ¼" strip: (2) 3 ¼" x 3 ¼". Cut the remainder into a 1 ½" strip.
4"		1	1		F2 5" strip: (2) 5" x 5", leave the rest for later.
3 ¼"	1		1		F2 4" strip: (4) 4" x 4"; F2 2" strip: (4) 2" x 2"
2"		1			F3 4" strip: (4) 4" x 4" and (1) 3 ½" x 3 ½",
1 ½"					F3 3 ¼" strip: (2) 3 ¼" x 5" and (4) 2" x 2".
2 ¼" - Binding	2				F4 5" and 4 ½" strips: (2) 5" x 7 ½", (2) 5" x 5" and (4) 4 ½" x 4 ½"

*F1 strips are cut from yardage (42" wide). All the fabric strips are cut from Fat Quarters (21" wide).

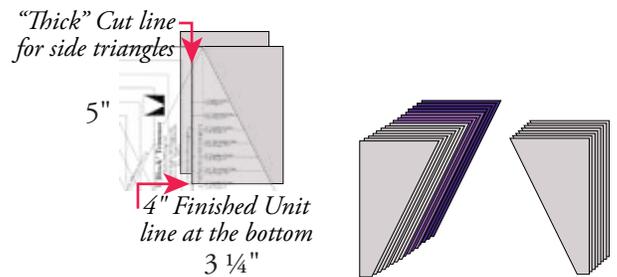
V BLOCKS AND SIDE TRIANGLES



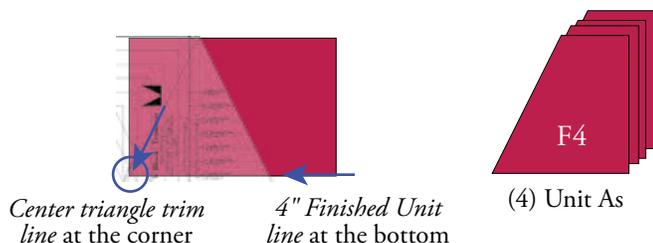
1 Use your V Block tool to cut the 5" F2 **unfolded strip(s) right side up** into (2) side triangles, (4) center triangles, and (1) 5" x 3 ¼" rectangle.



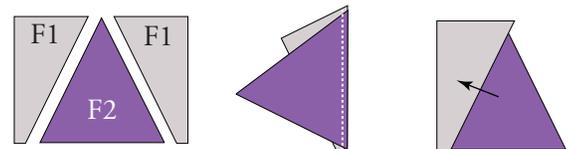
3 Take all 5" x 3 ¼" **F1** rectangles, pair them up, either **right sides or wrong sides together** and cut them "diagonally" in half with your V Block tool. Then, do the same for 5" x 3 ¼" **F2 and F3** rectangles, but this time each one of them **wrong side up**. You now have (including Step 1 side triangles) (8) F1, (4) F2, and (4) F3 side triangles and (8) F1 mirror image side triangles.



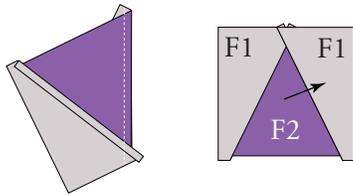
2 Place the two 5" x 7 ½" F4 **rectangles wrong side up**. With your V Block tool, cut them "diagonally" in half as shown below. These are Unit As.



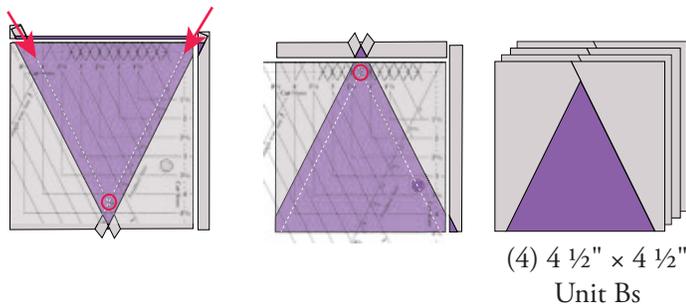
4 Sew an F1 side triangle to an F2 center triangle with the center triangle on top. Press, and repeat for a total of 4 times.



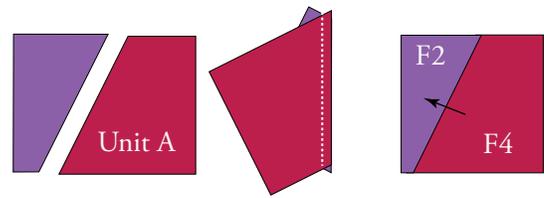
5 Sew an F1 side triangle to F2 center triangle with the center triangle on top. Press, and repeat for the total of 4 times.



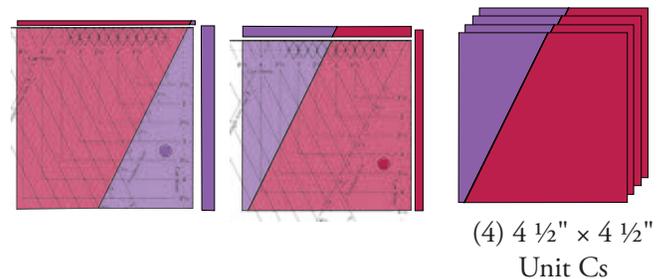
6 Trim units made in Step 5 into $4\frac{1}{2}$ " squares using a VBlock tool: Place the unit wrong side up, "V" standing up, and line up "4" with the seam intersection on the bottom, and the right seam line with the "diagonal" line. Trim the first two sides. Then, rotate the unit 180° , and line up the cut edges with $4\frac{1}{2}$ " lines, and the seam intersections with the $2\frac{1}{4}$ " "X" on the top, and trim the last two sides. Repeat for the rest. You now have (4) Unit Bs.



7 Sew an F2 side triangle to Unit A with Unit A on top. Press, and repeat for a total of four times.

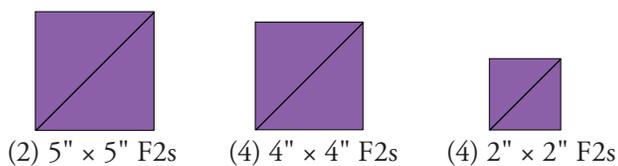


8 Trim units made in Step 7 into $4\frac{1}{2}$ " squares using your V Block tool. First, place the unit right side up and line up the seam with the "diagonal" line of the tool and trim the first two sides. Then, rotate the unit 180° and line up the cut edges with $4\frac{1}{2}$ " lines (the seam will also line up with the $2\frac{1}{4}$ " "X" mark on the top), and trim the last two sides. You now have (4) $4\frac{1}{2}$ " \times $4\frac{1}{2}$ " Unit Cs.

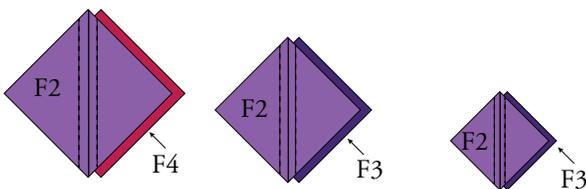


HALF SQUARE TRIANGLES (HST's)

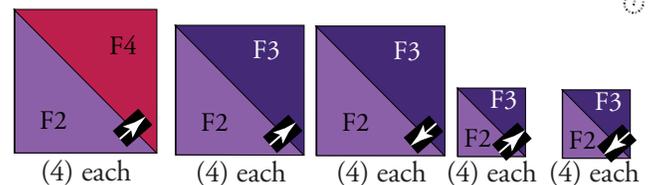
1 Draw a diagonal line from corner to corner on all F2 squares (5", 4", and 2" squares).



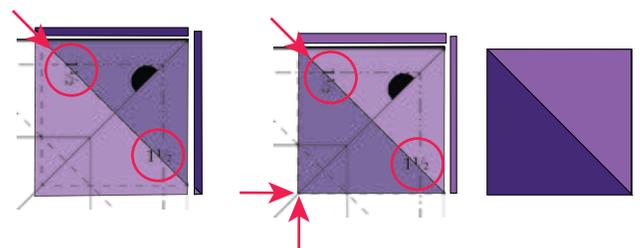
2 Pair them up with the same size 5" F4 squares, and 4" and 2" F3 squares, right sides together. Sew a scant $\frac{1}{4}$ " away from both sides of the drawn line.



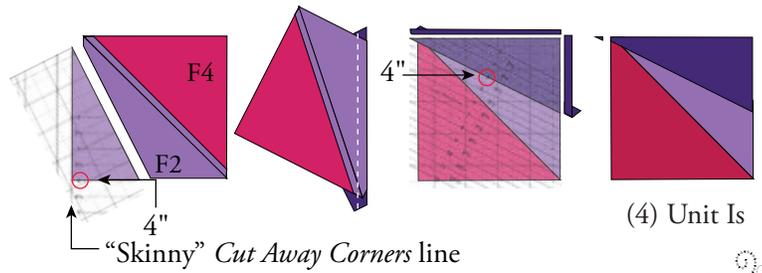
3 Cut on the drawn line, and press half of HSTs toward F3, and half toward F2 (4" and 2"), or all toward F4 (5").



4 Trim the above units using your Tucker Trimmer I into (4) $4\frac{1}{2}$ " Unit Ds, (4) $3\frac{1}{2}$ " Unit Es, (4) $3\frac{1}{2}$ " Unit Fs, (4) $1\frac{1}{2}$ " Unit Gs and (4) $1\frac{1}{2}$ " Unit Hs, where Unit Fs and Unit Hs are pressed toward F2. Place the seam on the $4\frac{1}{2}$ " (Unit Ds), $3\frac{1}{2}$ " (Unit Es and Fs) or $1\frac{1}{2}$ " (Unit Gs and Hs) dotted, diagonal line of Tucker Trimmer I, and trim the first two sides. Then, rotate the unit 180° and place cut edges on the horizontal and vertical line of what size you are trimming them into, and diagonal dotted line on top of the seam as before, and trim the last two sides. Shown is trimming of Unit G into a $1\frac{1}{2}$ " \times $1\frac{1}{2}$ " square:

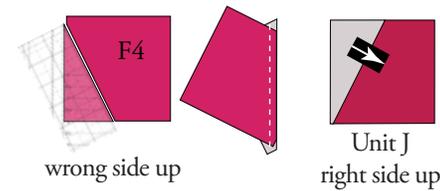


5 Cut a corner off of Unit D with Corner Pop II's 4" line as shown. Then, sew an F3 replacement side triangle to it. Press seam open, and trim to 4 1/2" square with Corner Pop II (you'll use line 4). After the initial trimming of two sides, also trim the little piece on the third side. Repeat for the rest. You now have (4) Unit Is.

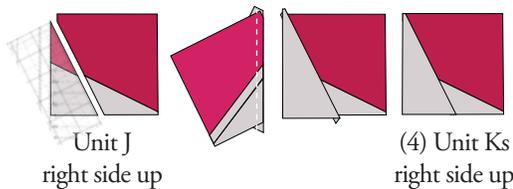


THE REST OF THE UNITS

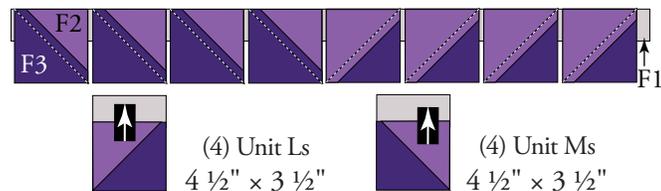
1 Place F4 4 1/2" squares **wrong side up**. Cut one of the corners off of each (4) F4 4 1/2" square with the Corner Pop II, lining up "4" on the bottom and the skinny, perpendicular line on the left. Replace it with an F1 side triangle, press seam open and trim like like in Step 5 above. Repeat for the rest. You now have (4) Unit Js.



2 Cut the next corner off from Unit Js using Corner Pop II with Unit J right side up. Replace them with an F1 mirror image side triangle, press seam open and trim like like before (unit needs to be wrong side up for trimming). Repeat for the rest. You now have (4) 4 1/2" x 4 1/2" Unit Ks.



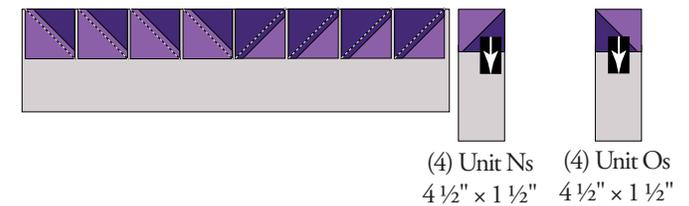
3 Sew all the 3 1/2" HSTs onto a 1 1/2" F1 strip. Pay attention to the placement of the HSTs (half of them one way, the other half the other way as shown). Press, and subcut to 4 1/2" x 3 1/2" rectangles. You now have (4) Unit Ls and (4) Unit Ms.



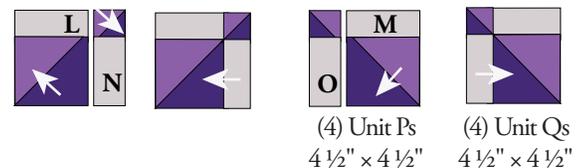
BLOCK ASSEMBLY

- 1** Organize units according to the diagram on the right.
- 2** Sew units together into rows, and press.
- 3** Sew rows together, and press.
- 4** Prepare the backing and batting to be 2" - 4" larger than the quilt top all around. Quilt as desired. Trim.
- 5** Attach the binding. For a great tutorial on binding, go to www.quilterstreasurechest.com.

4 Sew all 1 1/2" HSTs into the 3 1/2" F1 strip. Pay attention to the placement of the HSTs (half of them one way, the other half the other way). Press, and subcut them into 4 1/2" x 1 1/2" rectangles. You now have (4) Unit Ns and (4) Unit Os.



5 Sew Unit Ls into Unit Ns and Unit Ms into Unit Os. Press. You now have (4) Unit Ps and (4) Unit Qs.



6 Trim (1) 3 1/2" F3 square into Unit R using Square Squared tool using the *Center square for 4" finished blocks* solid line. Also, sub-cut (2) 3 1/4" F1 squares diagonally in half once for Unit Ss. Sew a Unit S to two opposing sides of Unit R. Press, and sew the other Ss to the remaining sides. Press, and trim to a 4 1/2" Unit T using Square Squared tool. Refer to tool instructions as needed.

