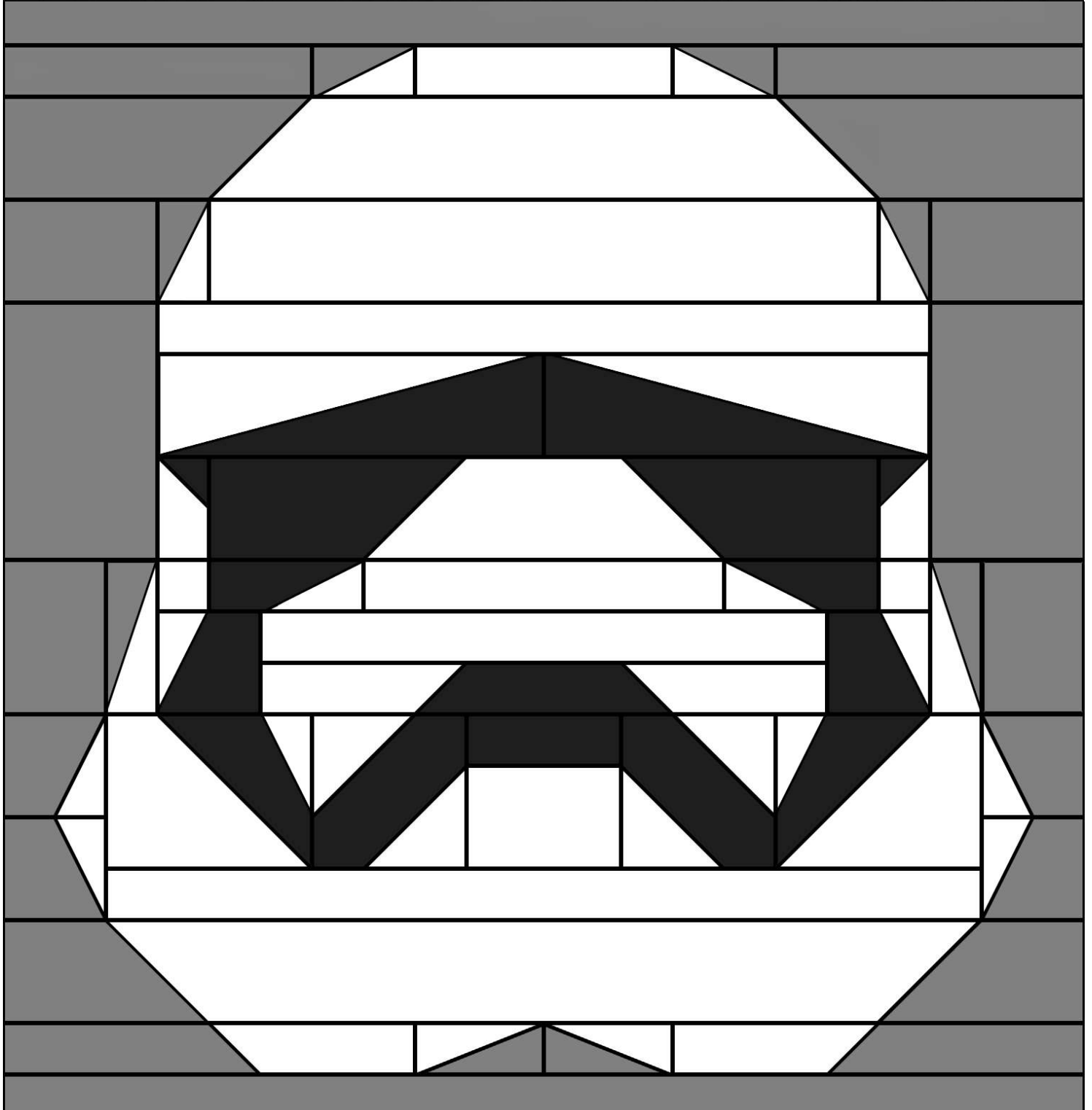


Multiple
Sizes

DDD Designs

First Order Trooper

Quilt pattern designed by Dennis Day



SECTION ONE: CUTTING THE FABRIC FOR THE BLOCK (PER BLOCK)

Step 1: From your background fabric cut one strip $1\frac{1}{2}$ " wide along the WOF (Width of Fabric), three strips $2\frac{1}{2}$ " wide along the WOF and one strip $3\frac{1}{2}$ " wide along the WOF.

Step 2: From the $1\frac{1}{2}$ " wide strip of background fabric cut two pieces $6\frac{1}{2}$ " long and two pieces $5\frac{1}{2}$ " long.

Step 3: From the first $2\frac{1}{2}$ " wide strip of background fabric cut one piece $21\frac{1}{2}$ " long, two pieces $6\frac{1}{2}$ " long and one piece $4\frac{1}{2}$ " long.

Step 4: From the second $2\frac{1}{2}$ " wide strip of background fabric cut one piece $4\frac{1}{2}$ " long and one piece $3\frac{1}{2}$ " long.

Step 5: Do not cut the third $2\frac{1}{2}$ " wide strip of background fabric.

Step 6: From the $3\frac{1}{2}$ " wide strip of background fabric cut one piece $21\frac{1}{2}$ " long, two pieces $5\frac{1}{2}$ " long and three pieces $2\frac{1}{2}$ " long.

Step 7: From your white fabric cut two strips $1\frac{1}{2}$ " wide along the WOF, four strips $2\frac{1}{2}$ " wide along the WOF and one strip $3\frac{1}{2}$ " wide along the WOF.

Step 8: From the first $1\frac{1}{2}$ " wide strip of white fabric cut one piece $17\frac{1}{2}$ " long, one piece $15\frac{1}{2}$ " long, one piece $7\frac{1}{2}$ " long and one piece $1\frac{1}{2}$ " long.

Step 9: From the second $1\frac{1}{2}$ " wide strip of white fabric cut one piece $11\frac{1}{2}$ " long, one piece $5\frac{1}{2}$ " long, four pieces $4\frac{1}{2}$ " long and one piece $1\frac{1}{2}$ " long.

Step 10: From the first $2\frac{1}{2}$ " wide strip of white fabric cut one piece $17\frac{1}{2}$ " long, one piece $13\frac{1}{2}$ " long, one piece $7\frac{1}{2}$ " long and one piece $2\frac{1}{2}$ " long.

Step 11: From the second $2\frac{1}{2}$ " wide strip of white fabric cut one piece $13\frac{1}{2}$ " long, one piece 10" long, three pieces $2\frac{1}{2}$ " long and two pieces $1\frac{1}{2}$ " long.

Step 12: Do not cut the third or fourth $2\frac{1}{2}$ " wide strips of white fabric.

Step 13: From the $3\frac{1}{2}$ " wide strip of white fabric cut two pieces $4\frac{1}{2}$ " long and one piece $2\frac{1}{2}$ " long.

Step 14: From your black fabric cut one strip $1\frac{1}{2}$ " wide along the WOF, one strip $2\frac{1}{2}$ " wide along the WOF, one strip $3\frac{1}{2}$ " wide along the WOF and one strip 4" wide along the WOF.

Step 15: From the $1\frac{1}{2}$ " wide strip of black fabric cut one piece $5\frac{1}{2}$ " long, one piece $3\frac{1}{2}$ " long and two pieces $1\frac{1}{2}$ " long.

Step 16: From the $2\frac{1}{2}$ " wide strip of black fabric cut two pieces $5\frac{1}{2}$ " long. Save the rest of the strip for **Section Four: Cutting the Half-Rectangle Triangles**

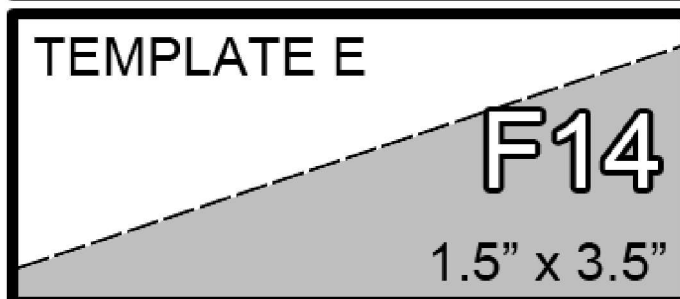
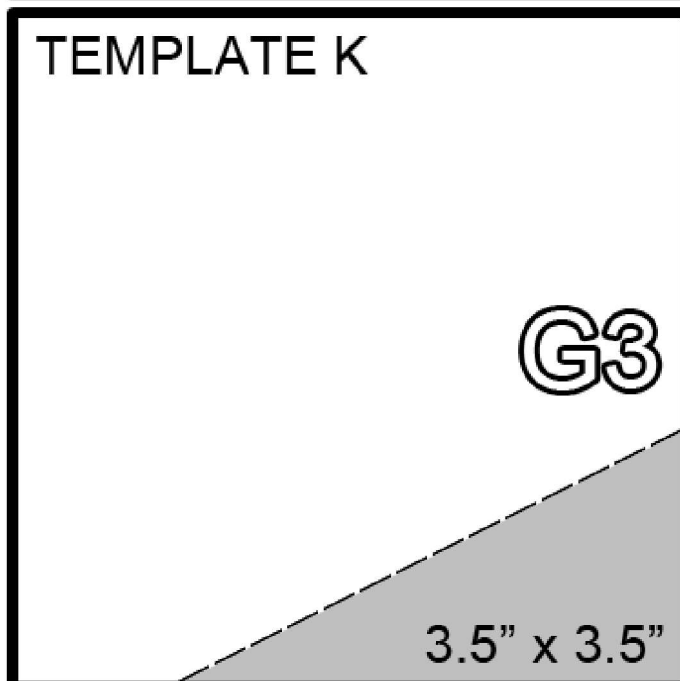
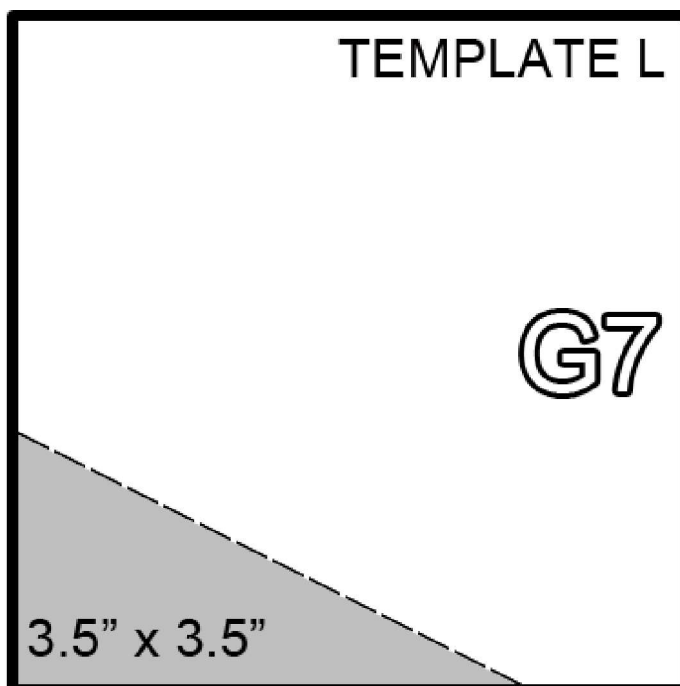
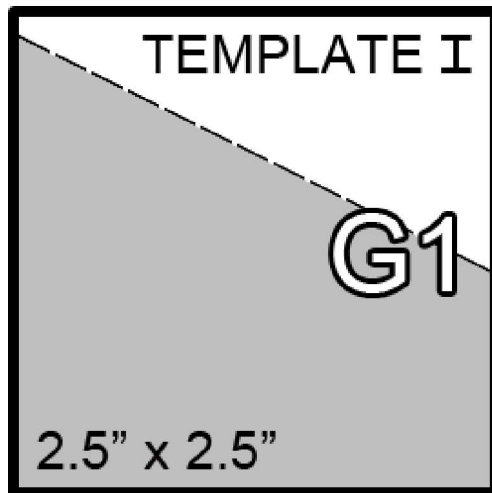
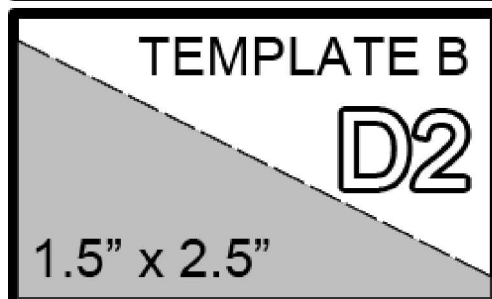
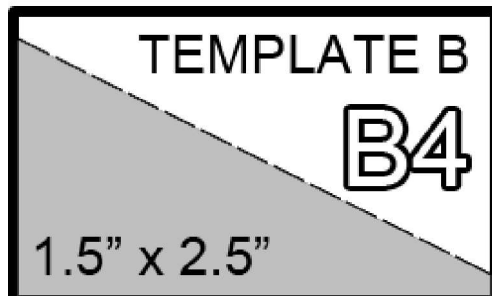
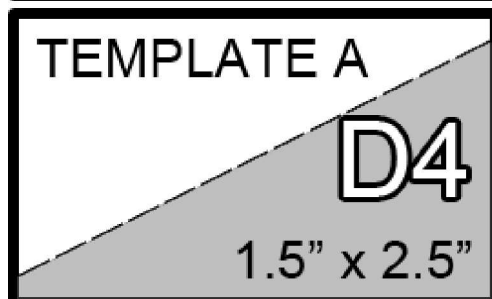
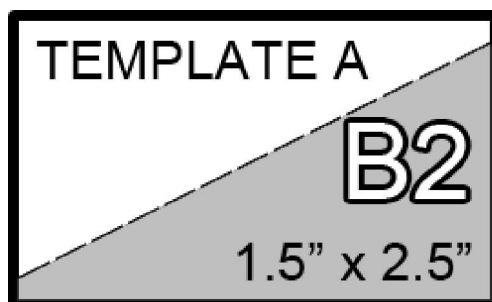
Step 17: Do not cut the second $2\frac{1}{2}$ " wide strip of black fabric.

Step 18: From the $3\frac{1}{2}$ " wide strip of black fabric cut two pieces $3\frac{1}{2}$ " long.

Step 19: From the 4" wide strip of black fabric cut one piece 10" long.

SECTION TWO: PRINTING THE TEMPLATES

Step 1: Print the next three pages at 100% scale. If your print settings have a checkbox to "Shrink to Fit", be sure this is unchecked. After printing these pages, be sure to measure Template C to ensure the length of the template is 8" long. Instead of printing all pages, choose to print pages 3 through 9. Pages 4, 6, 8 and 10 are intentionally left blank in case you decide to print the templates double sided.



E4

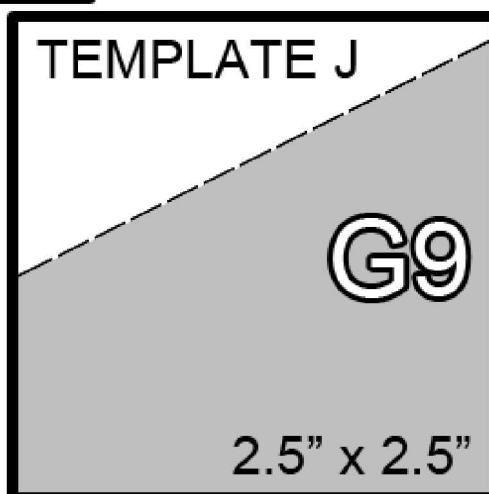
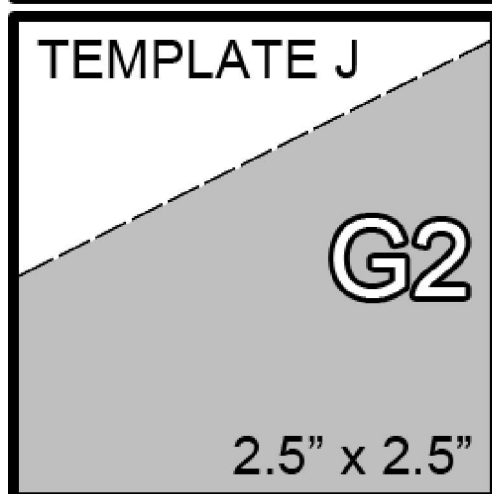
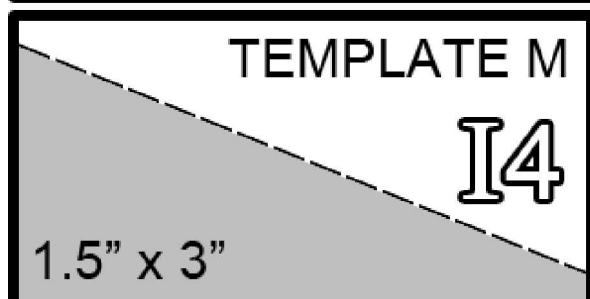
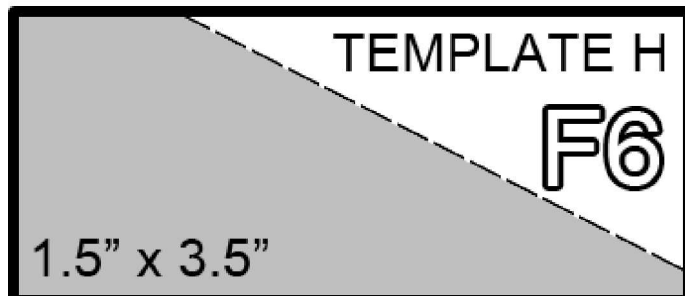
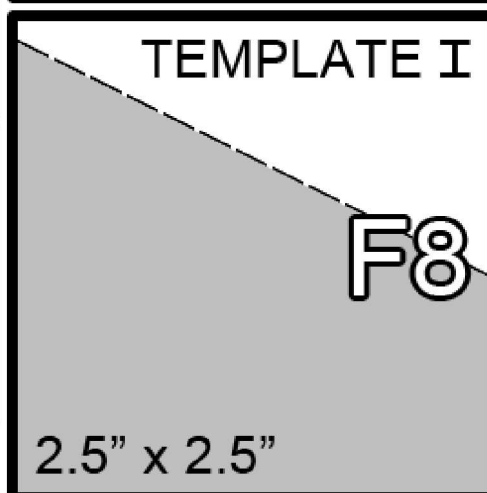
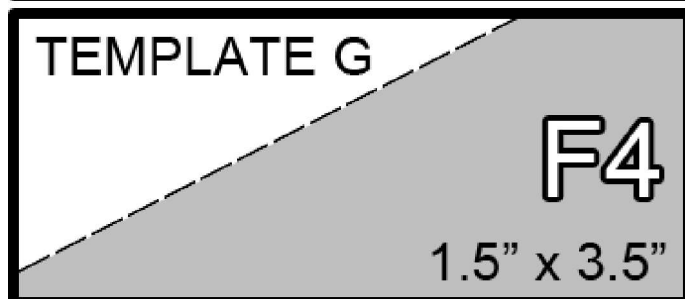
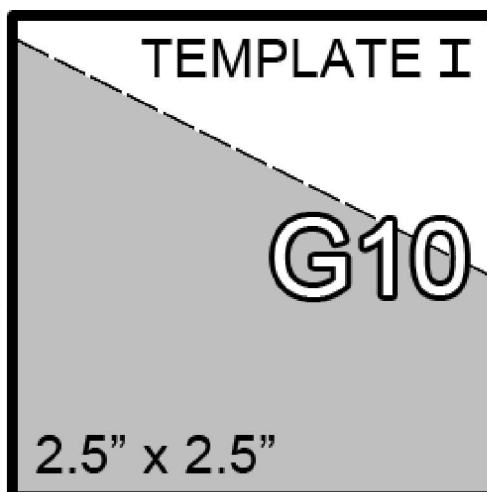
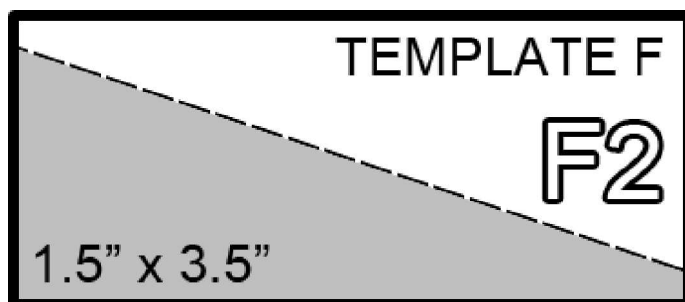
TEMPLATE D

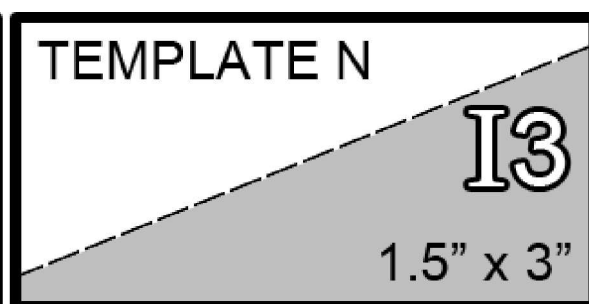
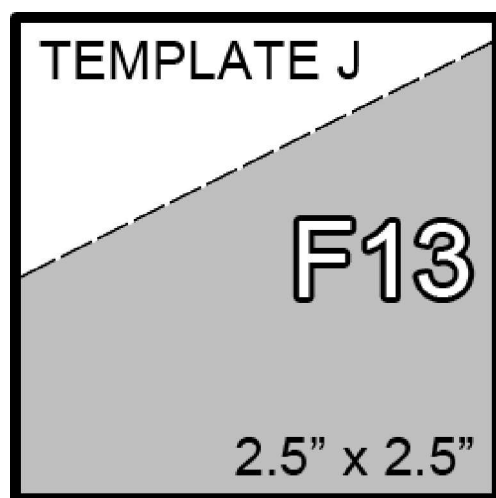
8" x 2.5"

TEMPLATE C

E3

8" x 2.5"





Step 2: When cutting the templates, be sure to cut along the center of the outer edge of each template. The edges of the templates are drawn thick so that you can slice on the line with either a rotary cutter or scissors. When cutting out the templates, some of the outer border should remain on the paper and some should remain on the template.

SECTION THREE: BLOCK LAYOUT

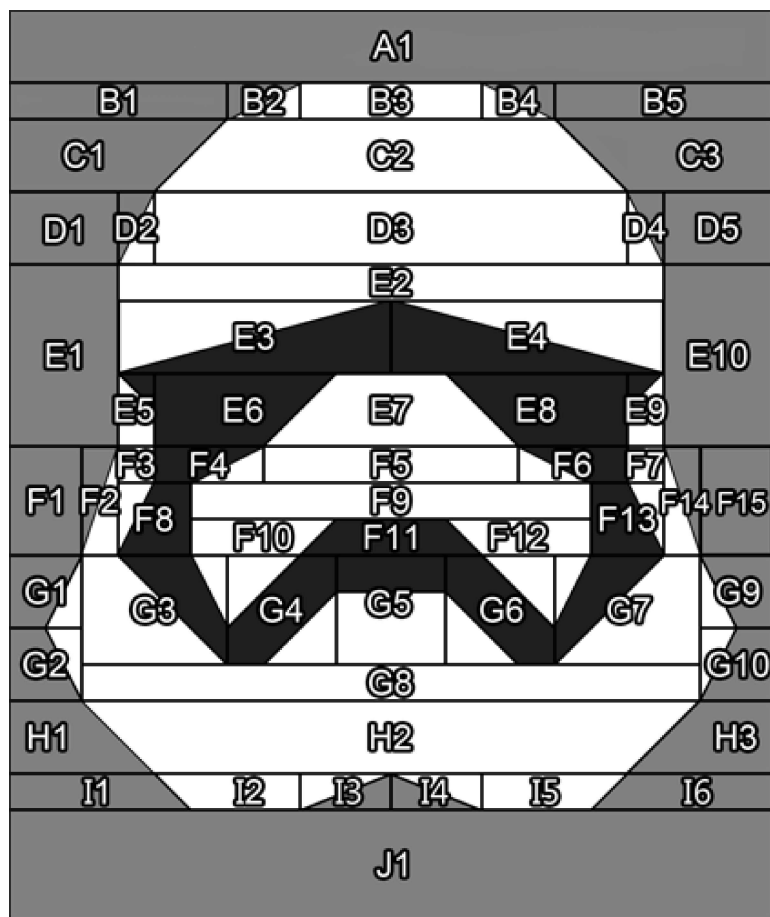


Fig 11A

SECTION FOUR: CUTTING THE HALF-RECTANGLE TRIANGLES

Cutting Half-Rectangles Triangles (HRTs) can be tricky. To simplify this process, I have included templates that can be used by aligning the seam where two fabrics meet with the dashed line on the templates.

Step 1: Sew a 2½" x WOF background strip to a 2½" x WOF white strip along the long edge of the strips creating a white-background strip set. Press the strip set open. The strip set should now measure 4½" wide. Repeat this step with a 2½" x WOF black strip and a 2½" x WOF white strip. See Fig 12A.



Fig 12A

Step 2: Place Template A on the white-background strip set aligning the dashed line of the template with the seam of the strip set. Cut around the template. Make two of these cuts for Template A. Set one aside as piece B2 according to the Block Layout section. Set the other aside as D4. See Fig 12B.

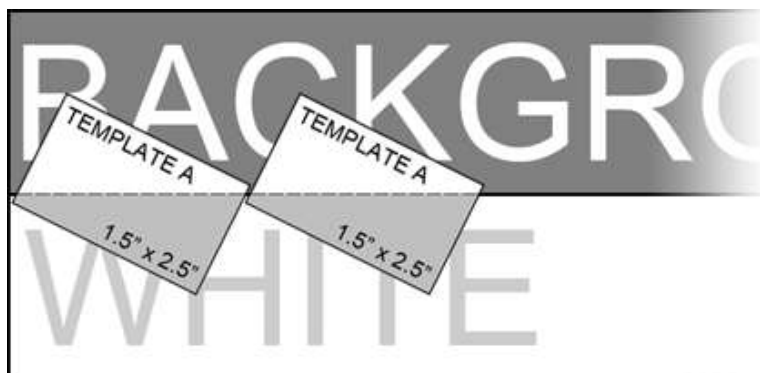


Fig 12B

Step 3: Place Template B on the white-background strip set. Make two of these cuts around Template B. Set one aside as piece B4 and the other as D2. See Fig 13A.

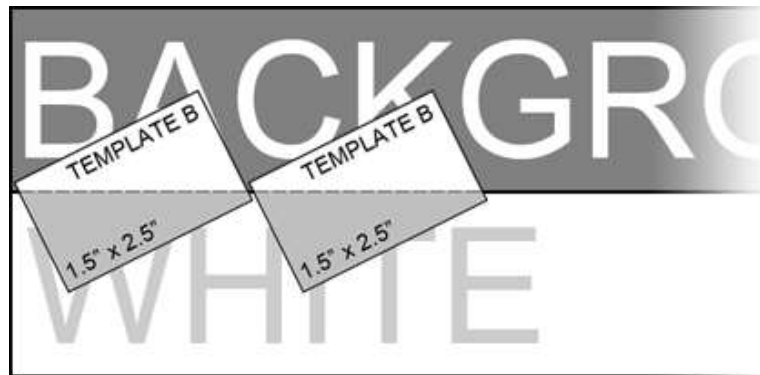


Fig 13A

Step 4: Cut one piece around Template E and one piece around Template F on the white-background strip set. Set aside piece F14 from Template E and piece F2 from Template F. See Fig 13B.

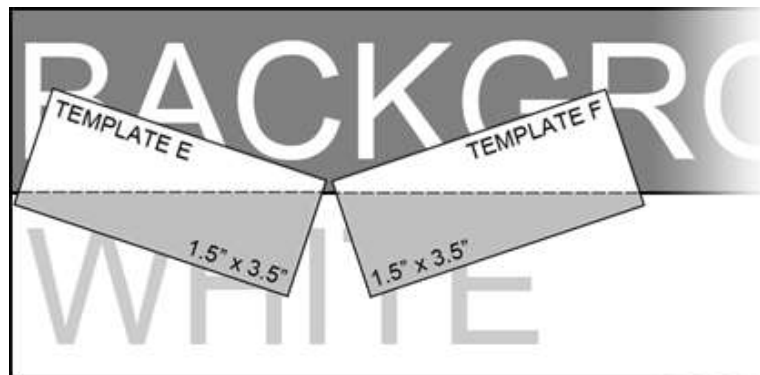


Fig 13B

Step 5: Place Template I on the white-background strip set. Be sure to place the larger portion of the template on the background strip and the smaller portion on the white strip. Make two of these cuts around Template I. Set one aside as piece G1 and the other as G10. See Fig 13C.

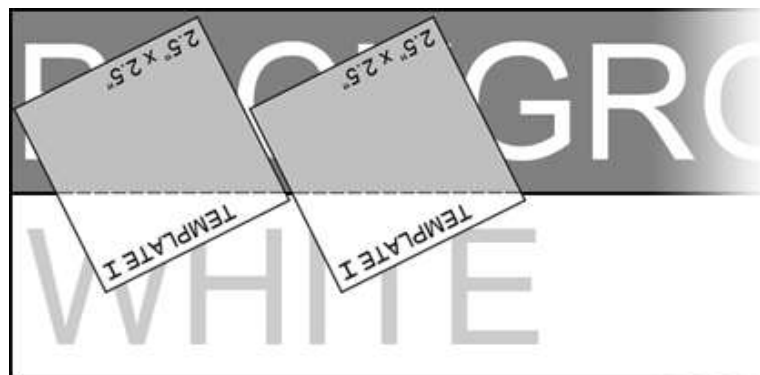


Fig 13C

Step 6: Place Template J on the white-background strip set. Be sure to place the larger portion of the template on the background strip and the smaller portion on the white strip. Make two of these cuts around Template J. Set one aside as piece G2 and the other as G9. See Fig 14A.

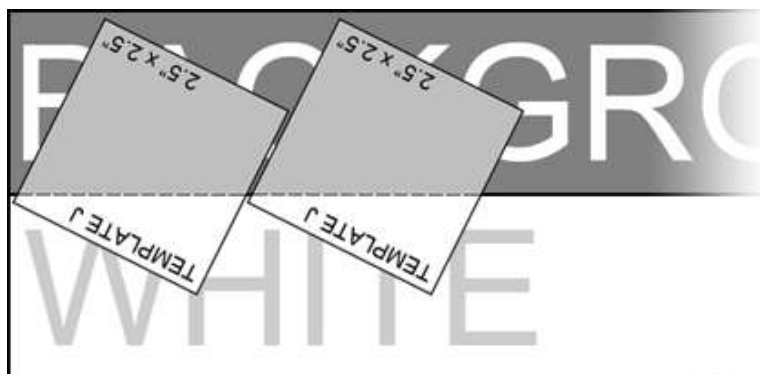


Fig 14A

Step 7: Cut one piece around Template M and one piece around Template N on the white-background strip set. Set aside piece I4 from Template M and piece I3 from Template N. See Fig 14B.

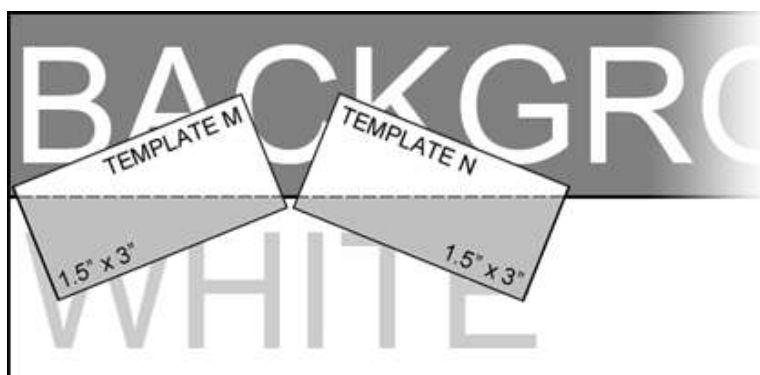


Fig 14B

Step 8: Switch over to the white-black strip set. Place Template C on the white-black strip set aligning the dashed line of the template with the seam of the strip set. Cut around the template. Set aside as piece E3 according to the Block Layout section. See Fig 14C.

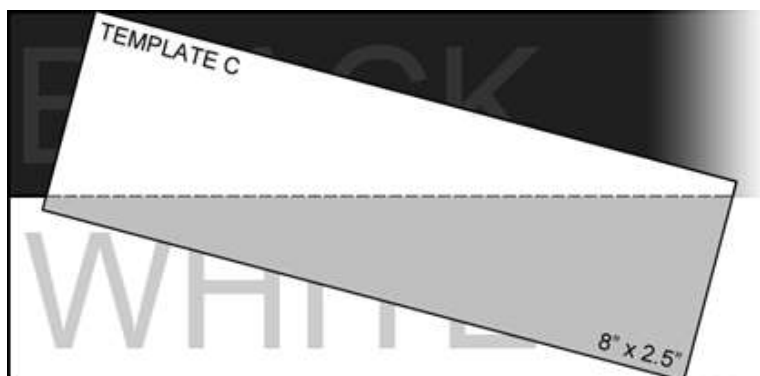


Fig 14C

Step 9: Place Template D on the white-black strip set and cut around the template. Set aside as piece E4. See Fig 15A.



Fig 15A

Step 10: Place Template G and Template H on the white-black strip set. Be sure to place the larger portion of the templates on the black strip and the smaller portion on the white strip. Cut one piece around Template G and one piece around Template H. Set aside piece F4 from Template G and piece F6 from Template H. See Fig 15B.

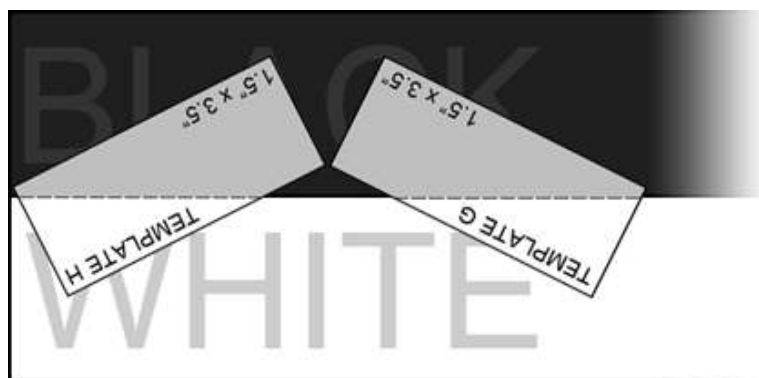


Fig 15B

Step 11: Place Template I and Template J on the white-black strip set. Be sure to place the larger portion of the templates on the black strip and the smaller portion on the white strip. Cut one piece around Template I and one piece around Template J. Set aside piece F8 from Template I and piece F13 from Template J. See Fig 15C.

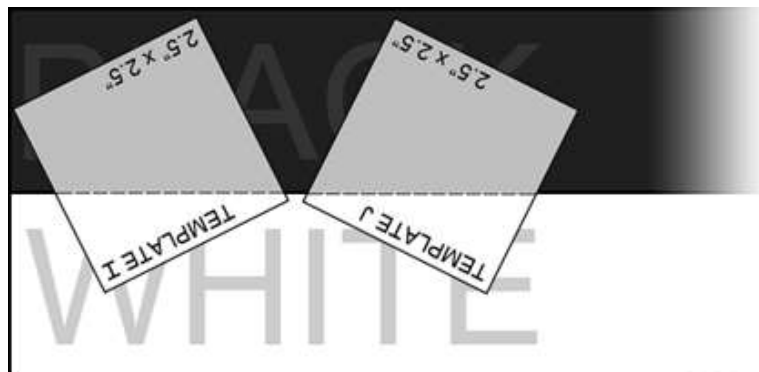


Fig 15C

Step 12: Sew a 4" x 10" black strip to a 2½" x 10" white strip along the long edge of the strips. Place Templates K and L on the white-black strip set aligning the dashed line of the templates with the seam of the strip set. Cut around the templates. Set aside piece G3 cut from Template K and piece G7 from Template L. See Fig 16A.

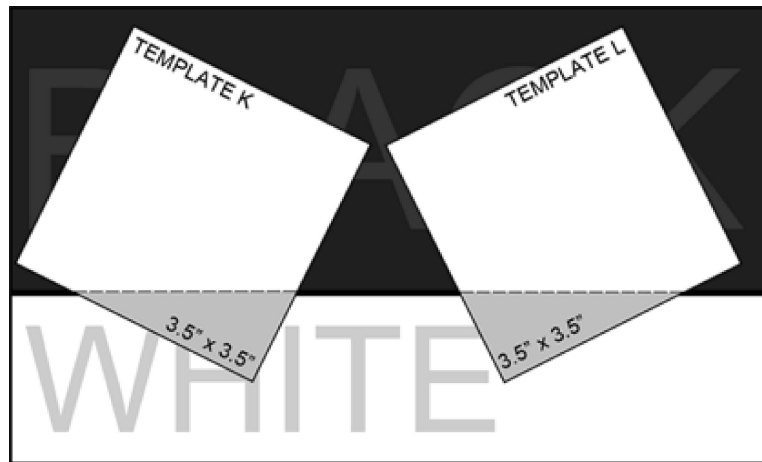


Fig 16A

SECTION FIVE: BLOCK ASSEMBLY

Step 1: Sew a 1½" x 6½" piece of background fabric to piece B2. Then attach a 1½" x 5½" white piece. Attach piece B4. Attach another 1½" x 6½" background piece to complete Row B. See Fig 16B.



Fig 16B

Step 2: Attach a 2½" x 21½" piece of background fabric to the top of Row B. See Fig 16C.



Fig 16C

Step 3: Place a $2\frac{1}{2}$ " x $6\frac{1}{2}$ " background strip face down near but not quite all the way to each end of a $2\frac{1}{2}$ " x $13\frac{1}{2}$ " piece of white fabric. See Fig 17A.

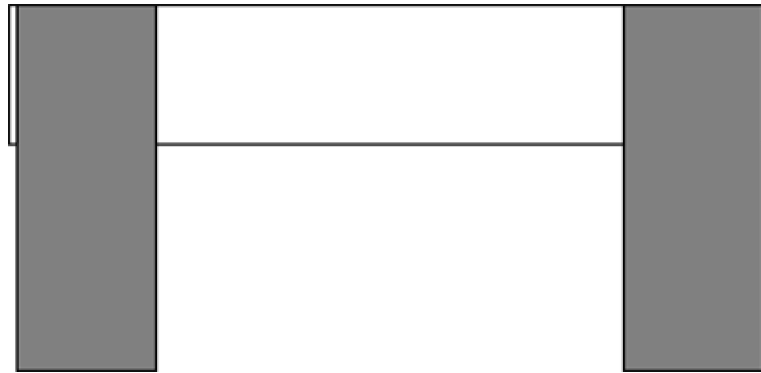


Fig 17A

Step 4: Using a pencil and a ruler, draw a straight line across the back side of the background strips from the corner of the background strip to where the two strips intersect as shown. See Fig 17B.

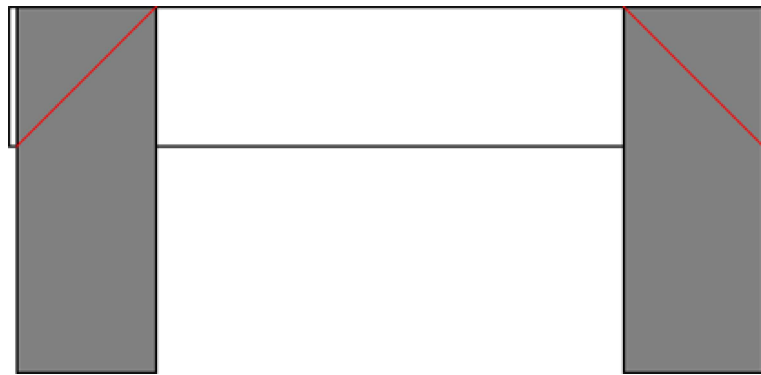


Fig 17B

Step 5: Move the background strips to the ends of the white fabric and sew along the drawn line. Trim the fabric $\frac{1}{4}$ " away from the seam as shown. See Fig 17C.

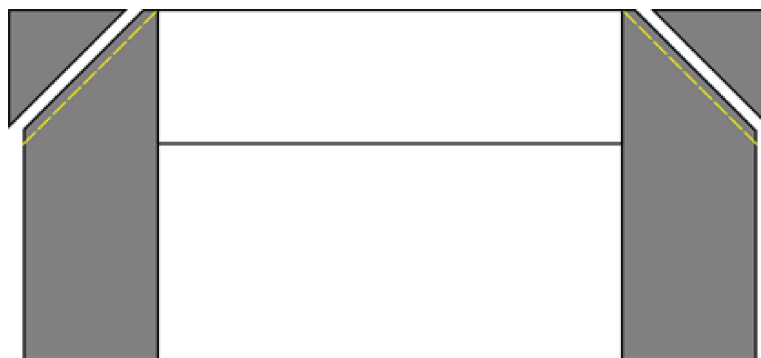


Fig 17C

Step 6: Open and press the pieces to reveal Row C. See Fig 18A.



Fig 18A

Step 7: Attach Row C to Row B. See Fig 18B.

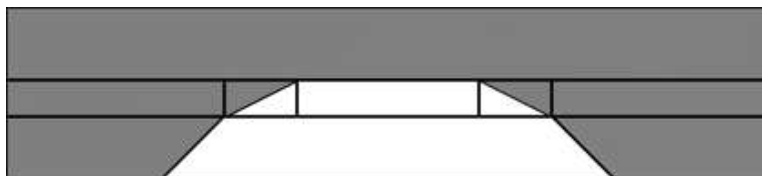


Fig 18B

Step 8: Attach a $3\frac{1}{2}$ " x $2\frac{1}{2}$ " piece of background fabric to piece D2 and another to piece D4. Attach a $13\frac{1}{2}$ " x $2\frac{1}{2}$ " piece of white fabric between these pieces to form Row D. See Fig 18C.



Fig 18C

Step 9: Attach Row D to Row C. See Fig 18D.

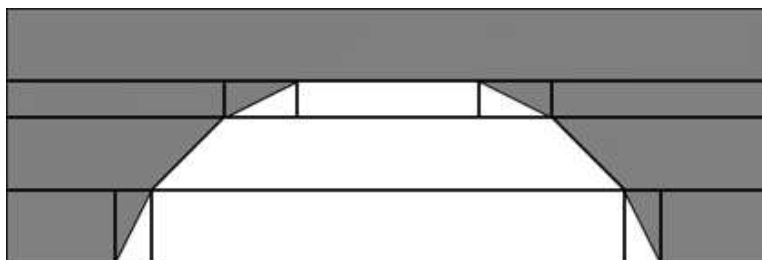


Fig 18D

Step 10: Attach pieces E3 to E4. This is the beginning of Row E. See Fig 18E.



Fig 18E

Step 11: Attach a 15½" x 1½" piece of white fabric to Row E. See Fig 19A.



Fig 19A

Step 12: Place a 1½" x 1½" piece of black fabric on top of a 1½" x 2½" piece of white fabric at the end of the white piece. Make two of these stacks. Sew diagonal lines as shown. See Fig 19B.

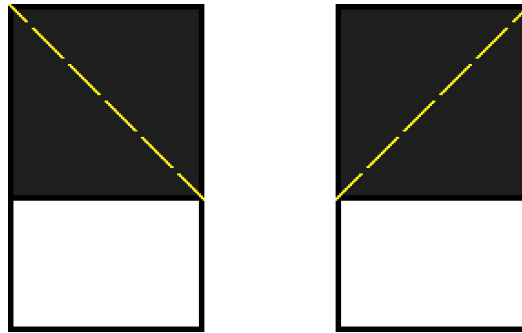


Fig 19B

Step 13: Cut away the corners ¼" away from the seam as seen in Fig 19C.

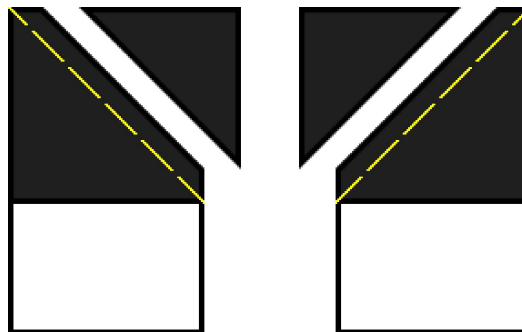


Fig 19C

Step 14: Open and press these pieces open. See Fig 19D.

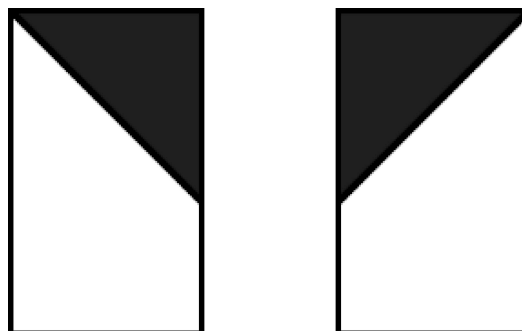


Fig 19D

Step 15: Place a $2\frac{1}{2}$ " x $5\frac{1}{2}$ " black strip face down near but not quite all the way to each end of a $2\frac{1}{2}$ " x $7\frac{1}{2}$ " piece of white fabric. See Fig 20A.

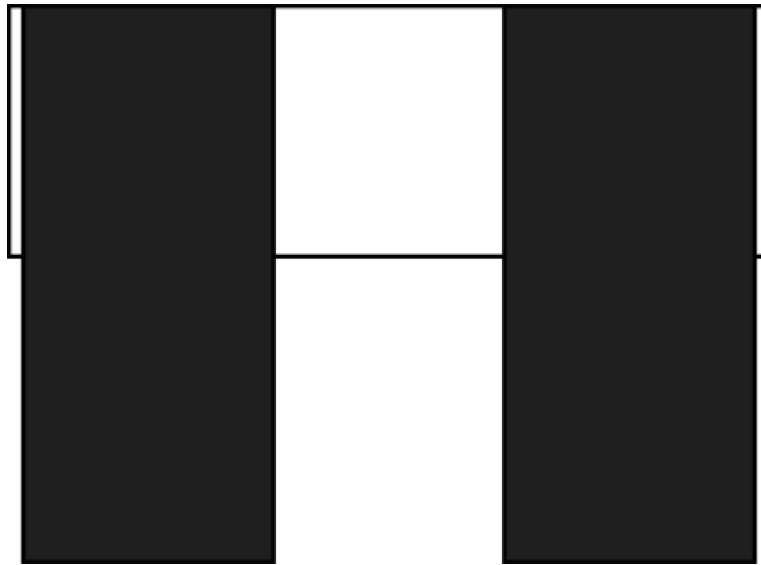


Fig 20A

Step 16: Using a pencil and a ruler, draw a straight line across the back side of the black strips from the corner of the black strip to where the two strips intersect as shown. See Fig 20B.

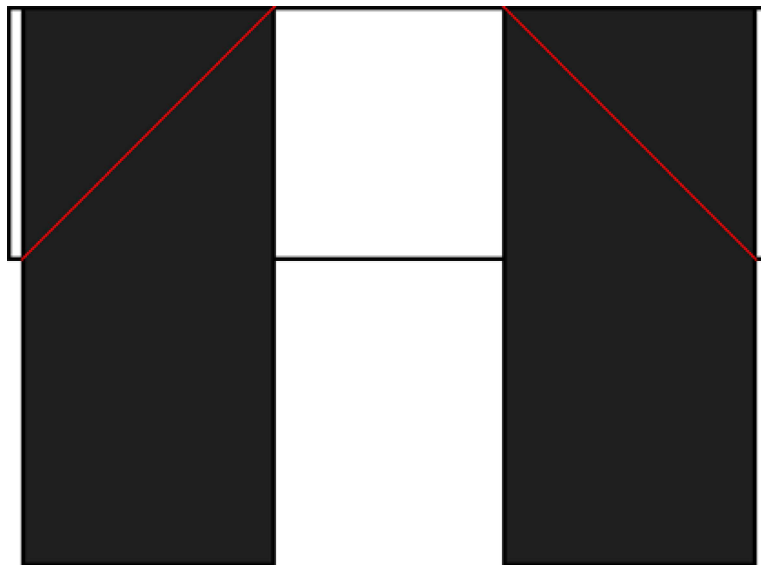


Fig 20B

Step 17: Move the black strips to the ends of the white fabric and sew along the drawn line. Trim the fabric $\frac{1}{4}$ " away from the seam as shown. Open and press. See Fig 21A.

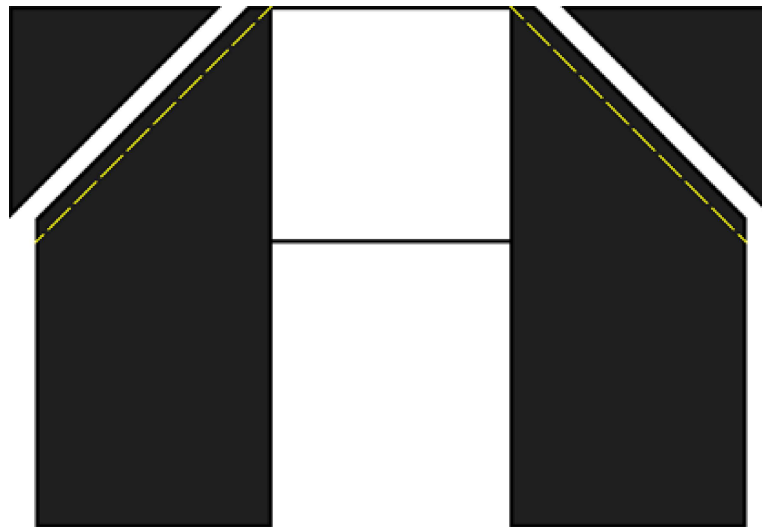


Fig 21A

Step 18: Assemble the pieces from Steps 14 and 17 as shown. See Fig 21B.



Fig 21B

Step 19: Attach the piece from Step 18 to the piece assembled in Step 11. See Fig 21C.

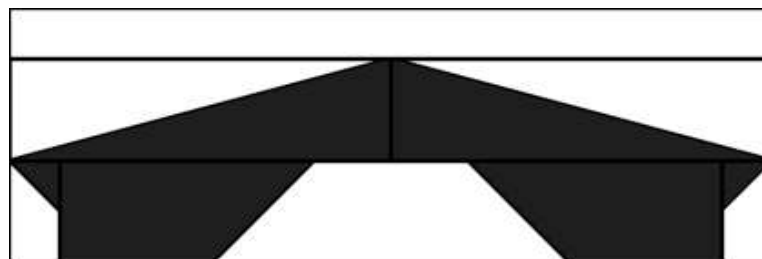


Fig 21C

Step 20: Attach a $3\frac{1}{2}$ " x $5\frac{1}{2}$ " piece of background fabric to each end of the piece assembled in Step 19. This completes Row E. See Fig 21D.

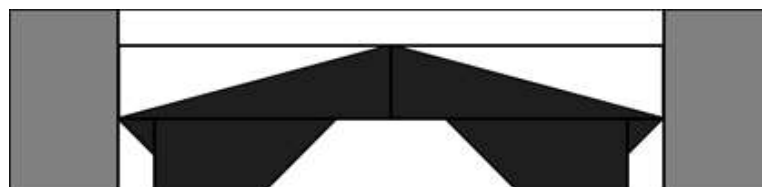


Fig 21D

Step 21: Attach Row E to Row D. See Fig 22A.

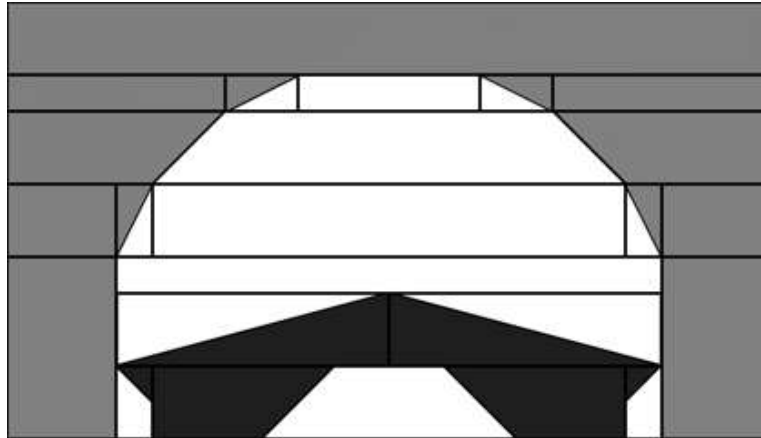


Fig 22A

Step 22: Attach a $2\frac{1}{2}$ " x $3\frac{1}{2}$ " background fabric to piece F2 and another to piece F14. See Fig 22B.

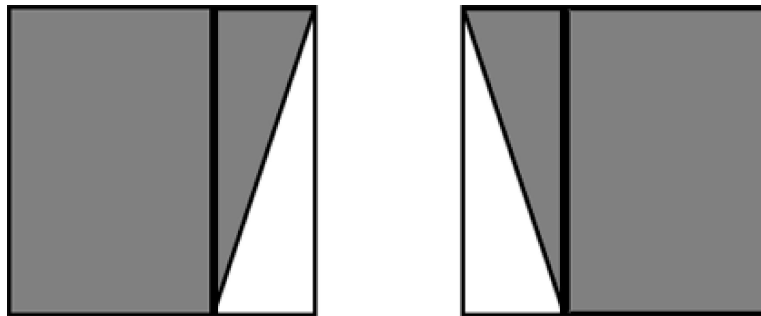


Fig 22B

Step 23: Attach a $1\frac{1}{2}$ " x $1\frac{1}{2}$ " piece of white fabric to piece F4 and another to piece F6. See Fig 22C.



Fig 22C

Step 24: Attach a $7\frac{1}{2}$ " x $1\frac{1}{2}$ " piece of white fabric to these pieces from Step 24. See Fig 22D.



Fig 22D

Step 25: Place a 1½" x 4½" white strip face down near but not quite all the way to each end of a 1½" x 5½" piece of black fabric. See Fig 23A.

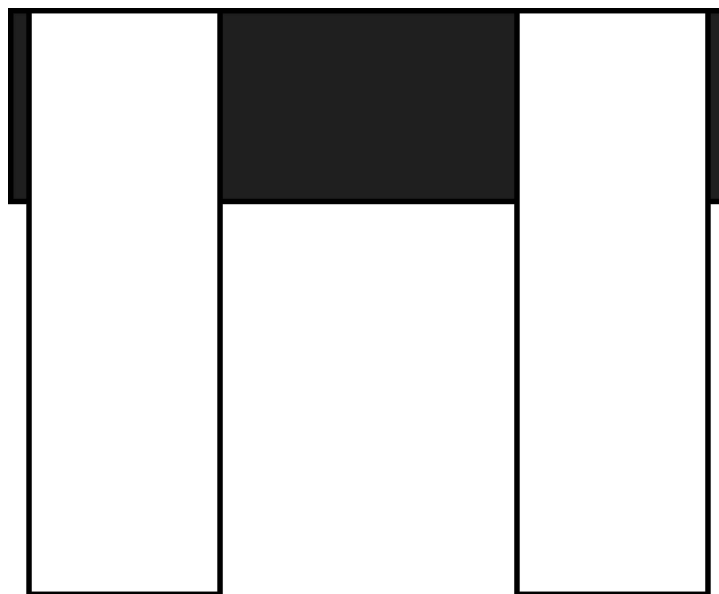


Fig 23A

Step 26: Using a pencil and a ruler, draw a straight line across the back side of the white strips from the corner of the white strip to where the two strips intersect as shown. See Fig 23B.

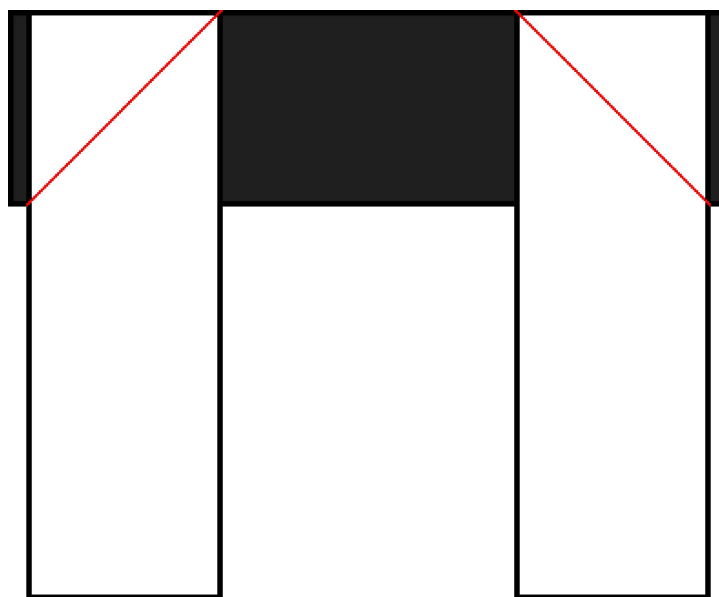


Fig 23B

Step 27: Move the white strips to the ends of the black fabric and sew along the drawn line. Trim the fabric $\frac{1}{4}$ " away from the seam as shown. Open and press. See Fig 24A.

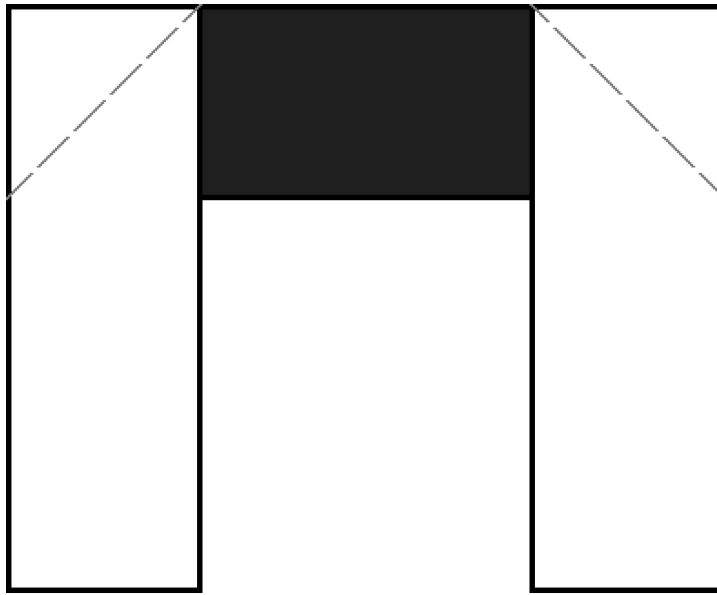


Fig 24A

Step 28: Attach an $11\frac{1}{2}$ " x $1\frac{1}{2}$ " piece of white fabric along the top. See Fig 24B.



Fig 24B

Step 29: Attach pieces F8 and F13 as shown. See Fig 24C.



Fig 24C

Step 30: Attach the piece assembled in Step 24 as shown. See Fig 24D.



Fig 24D

Step 31: Attach the pieces assembled in Step 22 to finish Row F. See Fig 25A.

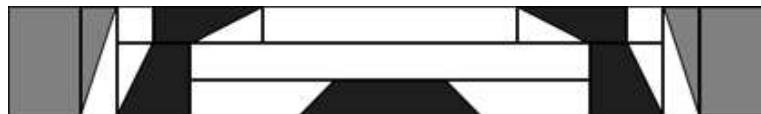


Fig 25A

Step 32: Attach Row F to Row E. See Fig 25B.

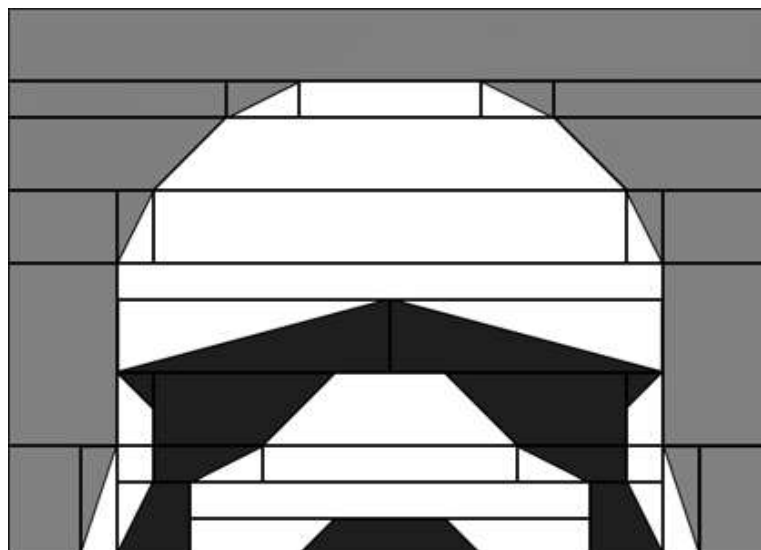


Fig 25B

Step 33: Attach a 3½" x 1½" piece of black fabric to a 3½" x 2½" piece of white fabric. See Fig 25C.



Fig 25C

Step 34: Place a $2\frac{1}{2}$ " x $2\frac{1}{2}$ " piece of white fabric on each of two pieces of black fabric measuring $3\frac{1}{2}$ " x $3\frac{1}{2}$ ". Sew from one corner to the opposite corner of the white squares. See Fig 26A.



Fig 26A

Step 35: Trim the fabric $\frac{1}{4}$ " away from the seams as shown. Open and press. See Fig 26B.



Fig 26B

Step 36: Place another $2\frac{1}{2}$ " x $2\frac{1}{2}$ " piece of white fabric on each of the two pieces on the opposite corners and sew from corner to corner again. See Fig 26C.

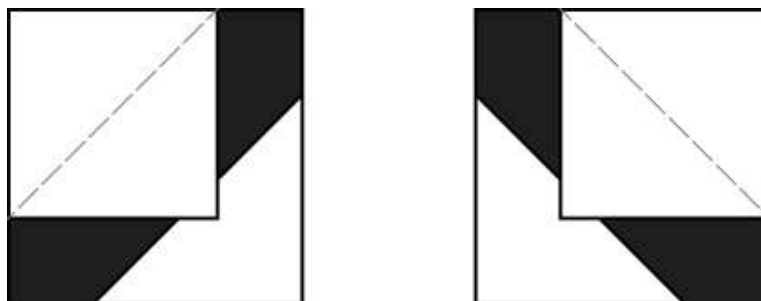


Fig 26C

Step 37: Trim the fabric $\frac{1}{4}$ " away from the seams as shown. Open and press. See Fig 26D.

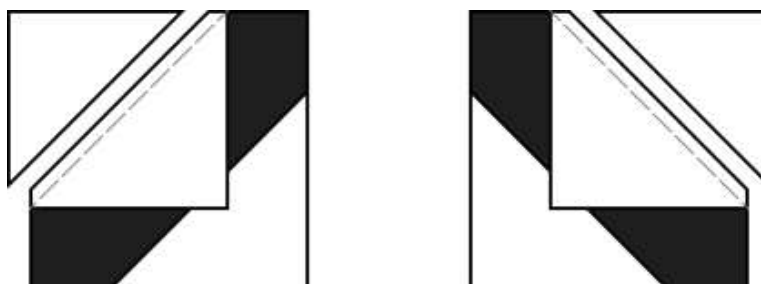


Fig 26D

Step 38: Place pieces G3 and G7 face down on top of two pieces of white fabric measuring $4\frac{1}{2}$ " x $3\frac{1}{2}$ " as seen in Fig 27A.



Fig 27A

Step 39: Sew from corner to corner as shown on pieces G3 and G7. Cut away the corner $\frac{1}{4}$ " away from the seam as shown. See Fig 27B.

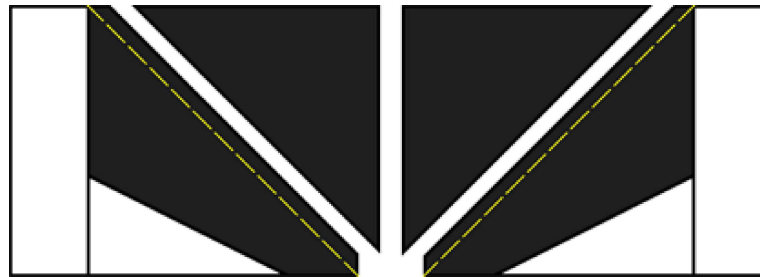


Fig 27B

Step 40: Open and press these pieces so they lay flat. See Fig 27C.

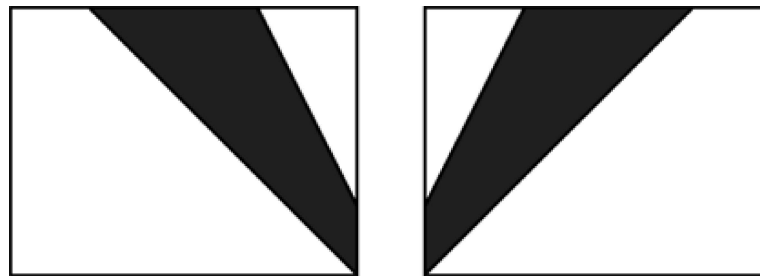


Fig 27C.

Step 41: Sew together pieces G3, G4, G5, G6 and G7 as shown in Fig 27D.



Fig 27D

Step 42: Sew a piece of white fabric measuring $17\frac{1}{2}$ " x $1\frac{1}{2}$ " to the assembly. See Fig 28A.

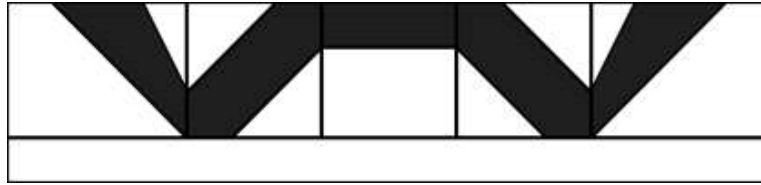


Fig 28A

Step 43: Sew piece G1 to G2 and piece G9 to G10. See Fig 28B.

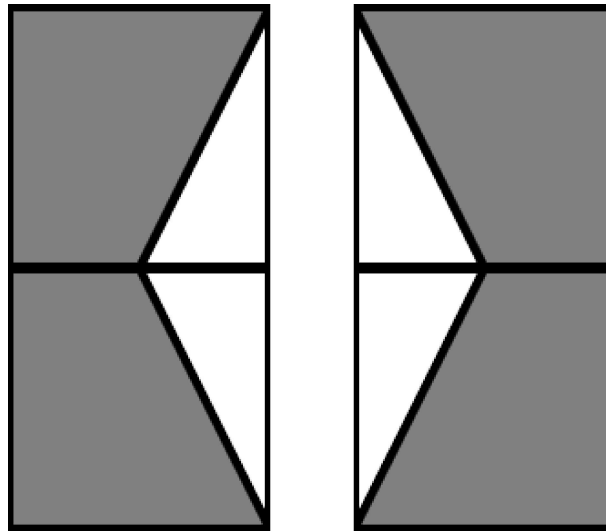


Fig 28B

Step 44: Assemble Row G as shown. See Fig 28C.



Fig 28C

Step 45: Place a $2\frac{1}{2}$ " x $4\frac{1}{2}$ " background strip face down near but not quite all the way to each end of a $2\frac{1}{2}$ " x $17\frac{1}{2}$ " piece of white fabric. See Fig 28D.



Fig 28D

Step 46: Using a pencil and a ruler, draw a straight line across the back side of the background strips from the corner of the background strip to where the two strips intersect as shown. See Fig 29A.

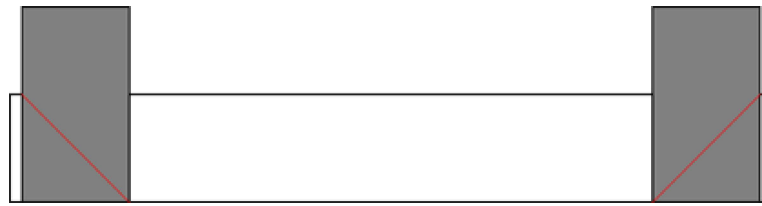


Fig 29A

Step 47: Move the background strips to the ends of the white fabric and sew along the drawn line. Trim the fabric $\frac{1}{4}$ " away from the seam as shown. See Fig 29B.



Fig 29B

Step 48: Open and press the pieces to reveal Row H. See Fig 29C.



Fig 29C

Step 49: Attach Rows G and H to Row F as shown in Fig 30A.

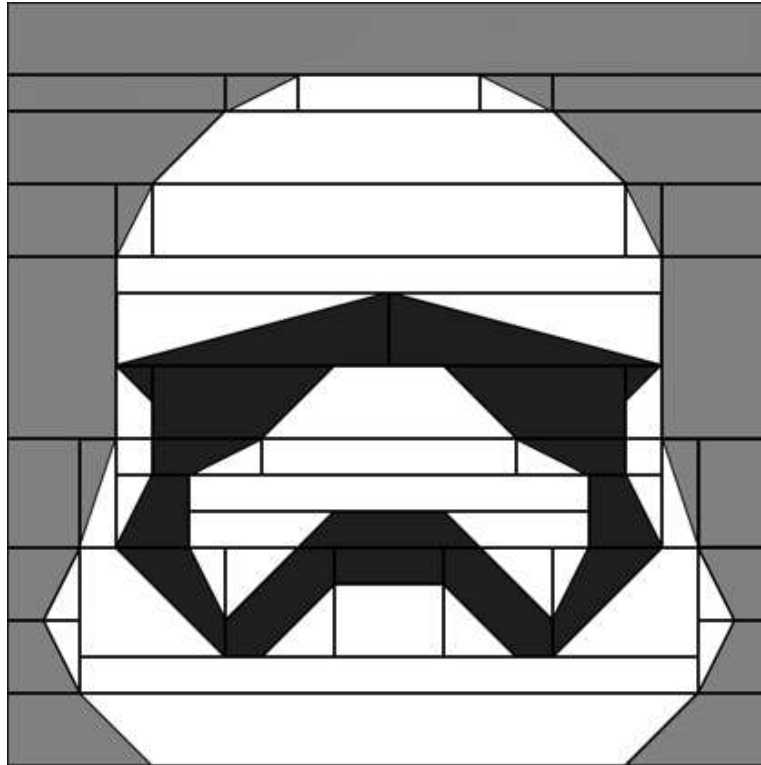


Fig 30A

Step 50: Attach pieces I3 and I4 together as shown in Fig 30B.



Fig 30B

Step 51: Sew a pair $1\frac{1}{2}$ " x $4\frac{1}{2}$ " pieces of white fabric to a pair of $5\frac{1}{2}$ " x $1\frac{1}{2}$ " pieces of background fabric. Trim $\frac{1}{4}$ " away from the seams. See Fig 30C.

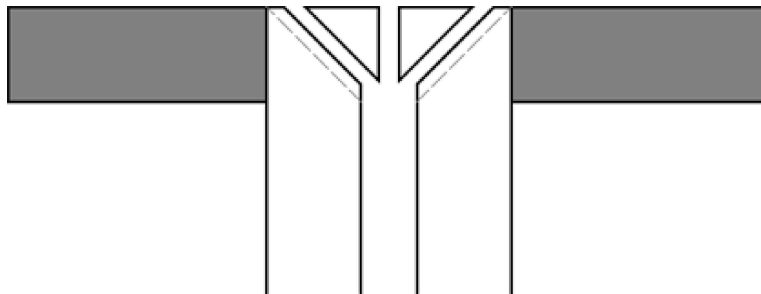


Fig 30C

Step 52: Open and press. See Fig 31A.

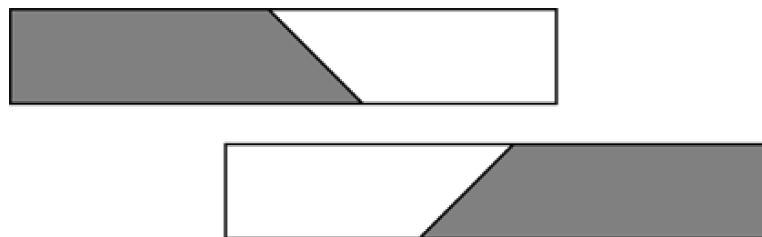


Fig 31A

Step 53: Complete Row I by assembling the pieces as shown in Fig 31B.



Fig 31B

Step 54: Attach a background piece of fabric measuring $21\frac{1}{2}$ " x $3\frac{1}{2}$ " to Row I as shown in Fig 31C.



Fig 31C

Step 55: Attach Rows I and J to the rest of the block as shown in Fig 31D.

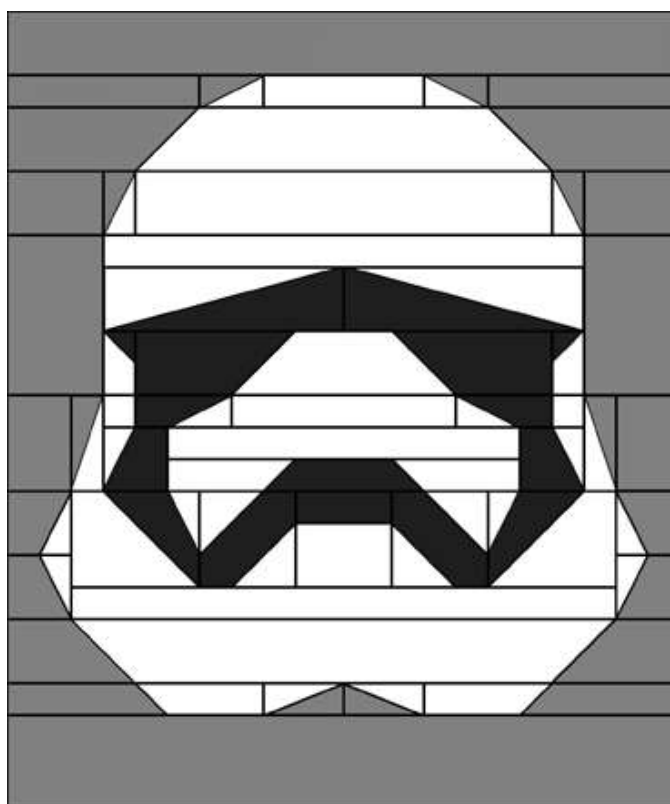


Fig 31D

SECTION SIX: FABRIC REQUIREMENTS

	Baby	Crib	Throw	Twin Full	Queen King
Width	33"	33"	56"	79"	102"
Length	37"	64"	64"	91"	91"
Backing w/ Horizontal Seams **	2½ yards	2½ yards	3¾ yards	7¼ yards	9¼ yards
Backing w/ Vertical Seams **	1¼ yards	2 yards	4 yards	8¼ yards	8¼ yards
Blocks	1	2	4	9	12
White	½ yard	1 yard	1¾ yards	3½ yards	4¾ yards
Black	½ yard	½ yard	¾ yard	1½ yards	2 yards
Background	½ yard	¾ yard	1¼ yards	2¾ yards	3½ yards
Sashing & Inner Border *	¼ yard	½ yard	¾ yards	1¼ yards	1½ yards
Outer Border ***	½ yard	¾ yard	¾ yards	1¼ yards	1¼ yards
<p>To find out what materials you will need for a custom sized quilt visit</p> <p>https://www.ddddesigns.com/resize/Queen/pattern/FirstOrderTrooper</p>					

* Sashing is made from 2½" strips and measures 2" wide when finished.

** Backing is calculated using a 4" overage as calculated online at www.ddddesigns.com

*** Outer border is made from 4½" strips and measures 4" wide when finished.