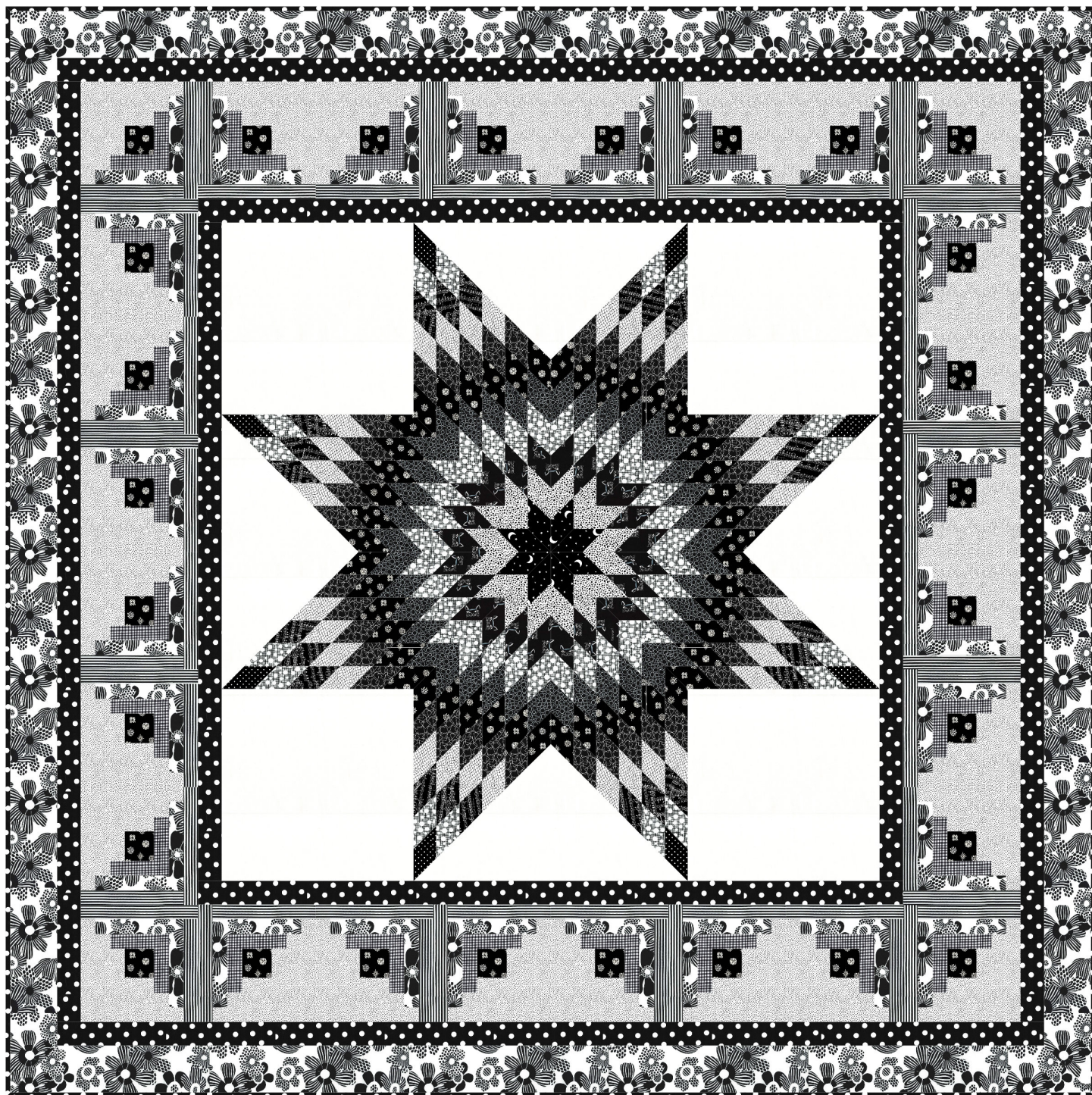


michael miller FABRICS

# Black Hole

SIZE: 92"W x 92"H • LEVEL: INTERMEDIATE • PATTERN BY: CHRISTINE STAINBROOK



THIS IS A DIGITAL REPRESENTATION OF THE QUILT TOP, FABRIC MAY VARY.

**PLEASE NOTE:** BEFORE BEGINNING YOUR PROJECT, CHECK FOR ANY PATTERN UPDATES AT [MICHAELMILLERFABRICS.COM](http://MICHAELMILLERFABRICS.COM)'S FREE PROJECTS SECTION.

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# Black Hole

## 1/4" Seam Allowance Check

To check if your seam is accurate, cut three 1 1/2" x 3" pieces from scrap fabric.

Sew the pieces together along the 3" side, using what you believe is a 1/4" seam.

Press away from the center piece.

Measure.

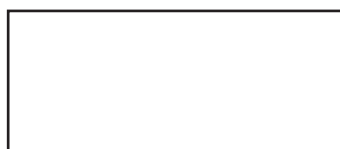
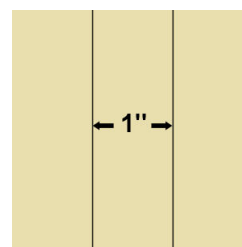
The center piece should be exactly 1" wide.

If, when you measure, the center is less than 1", your seam allowance is too large. You need to move the needle to the right.

If it's more than 1", your seam allowance is too small and you need to move the needle to the left.

Consult your machine's owner's manual for instructions on moving your needle position.

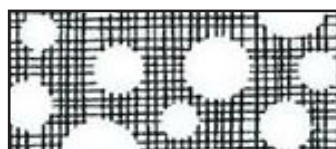
Repeat this check until your center strip measures correctly.



**FABRIC A**  
SC5333 bright white  
1 7/8 yards



**FABRIC B**  
CX5514 black  
1/4 yard



**FABRIC C**  
CX6699 ebony  
5/8 yard



**FABRIC D**  
CX10473 black  
3/8 yard



**FABRIC E**  
CX9997 white  
1/2 yard



**FABRIC F**  
CX8170 black  
5/8 yard



**FABRIC G**  
CX9992 black  
7/8 yard



**FABRIC H**  
CX7299 black  
5/8 yard



**FABRIC I**  
CX8038 black  
3/8 yard



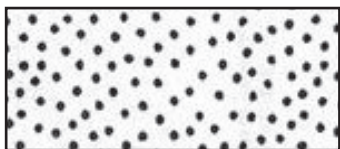
**FABRIC J**  
CX10630 white  
1/3 yard



**FABRIC K**  
CG9742 glow  
1/4 yard



**FABRIC L**  
CX2489 black  
1 7/8 yards



**FABRIC M**  
CX1065 dalmation  
1 3/4 yards



**FABRIC N**  
CX6574 black  
1 1/8 yards



**FABRIC O**  
CX8032 dalmation  
2 1/8 yards



**FABRIC P**  
CX7161 black  
3/4 yard

Backing: 8 1/2 yards

Batting: 100" x 100"



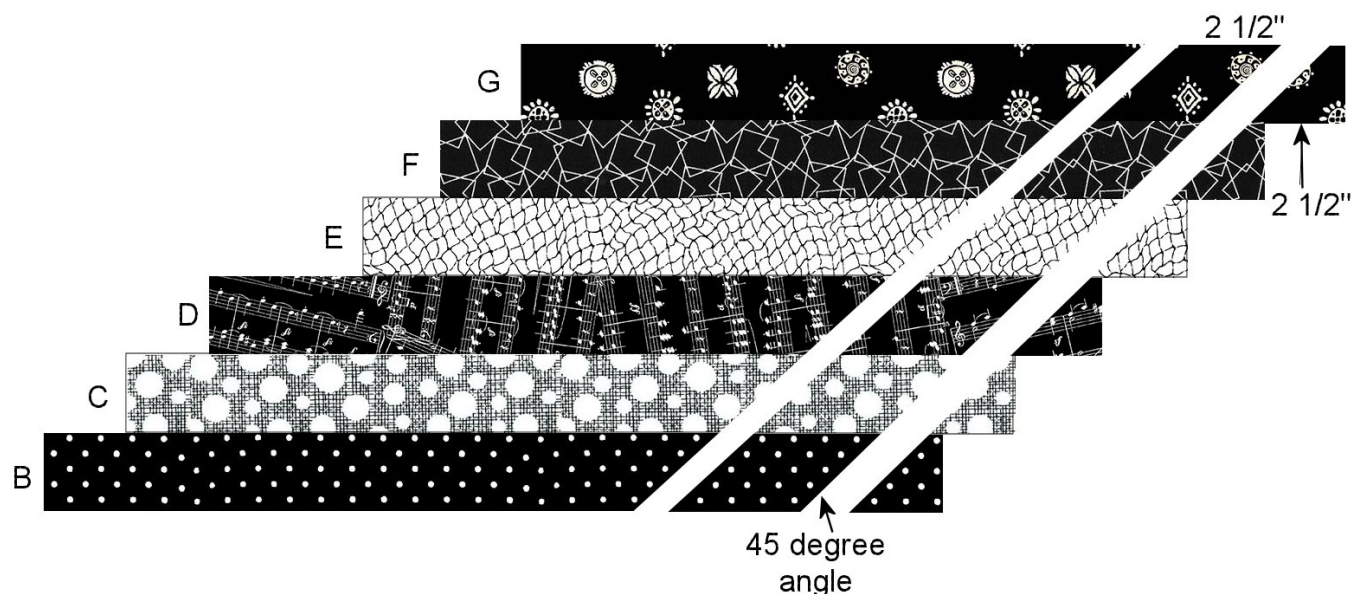
# Black Hole

KEY	CUTTING INSTRUCTIONS	WOF=width of fabric
<b>A</b>	(1) 24 <sup>5</sup> / <sub>8</sub> " square, cut twice diagonally (4) 16 <sup>7</sup> / <sub>8</sub> " squares	
<b>B</b>	(1) 2 <sup>1</sup> / <sub>2</sub> " x WOF	
<b>C</b>	(6) 2 <sup>1</sup> / <sub>2</sub> " x WOF	
<b>D</b>	(3) 2 <sup>1</sup> / <sub>2</sub> " x WOF	
<b>E</b>	(4) 2 <sup>1</sup> / <sub>2</sub> " x WOF	
<b>F</b>	(5) 2 <sup>1</sup> / <sub>2</sub> " x WOF	
<b>G</b>	(6) 2 <sup>1</sup> / <sub>2</sub> " x WOF (2) 3" x WOF. Subcut: (28) 3" squares	
<b>H</b>	(5) 2 <sup>1</sup> / <sub>2</sub> " x WOF	
<b>I</b>	(3) 2 <sup>1</sup> / <sub>2</sub> " x WOF	
<b>J</b>	(2) 2 <sup>1</sup> / <sub>2</sub> " x WOF	
<b>K</b>	(1) 2 <sup>1</sup> / <sub>2</sub> " x WOF	
<b>L</b>	(14) 2 <sup>1</sup> / <sub>2</sub> " x WOF (10) 2 <sup>1</sup> / <sub>2</sub> " x WOF for binding	
<b>M</b>	(7) 1 <sup>3</sup> / <sub>4</sub> " x WOF. Subcut: (28) 1 <sup>3</sup> / <sub>4</sub> " x 9 <sup>1</sup> / <sub>4</sub> " rectangles (6) 1 <sup>3</sup> / <sub>4</sub> " x WOF. Subcut: (28) 1 <sup>3</sup> / <sub>4</sub> " x 8" rectangles (5) 1 <sup>3</sup> / <sub>4</sub> " x WOF. Subcut: (28) 1 <sup>3</sup> / <sub>4</sub> " x 6 <sup>3</sup> / <sub>4</sub> " rectangles (4) 1 <sup>3</sup> / <sub>4</sub> " x WOF. Subcut: (28) 1 <sup>3</sup> / <sub>4</sub> " x 5 <sup>1</sup> / <sub>2</sub> " rectangles (4) 1 <sup>3</sup> / <sub>4</sub> " x WOF. Subcut: (28) 1 <sup>3</sup> / <sub>4</sub> " x 4 <sup>1</sup> / <sub>4</sub> " rectangles (2) 1 <sup>3</sup> / <sub>4</sub> " x WOF. Subcut: (28) 1 <sup>3</sup> / <sub>4</sub> " x 3" rectangles	
<b>N</b>	(2) 10 <sup>1</sup> / <sub>2</sub> " x WOF. Subcut: (28) 1 <sup>3</sup> / <sub>4</sub> " x 10 <sup>1</sup> / <sub>2</sub> " rectangles; (4) 1 <sup>3</sup> / <sub>4</sub> " x 9 <sup>1</sup> / <sub>4</sub> " rectangles (1) 9 <sup>1</sup> / <sub>4</sub> " x WOF. Subcut: (24) 1 <sup>3</sup> / <sub>4</sub> " x 9 <sup>1</sup> / <sub>4</sub> " rectangles	
<b>O</b>	(6) 1 <sup>3</sup> / <sub>4</sub> " x WOF. Subcut: (28) 1 <sup>3</sup> / <sub>4</sub> " x 8" rectangles (5) 1 <sup>3</sup> / <sub>4</sub> " x WOF. Subcut: (28) 1 <sup>3</sup> / <sub>4</sub> " x 6 <sup>3</sup> / <sub>4</sub> " rectangles (10) 4 <sup>1</sup> / <sub>2</sub> " x WOF	
<b>P</b>	(4) 1 <sup>3</sup> / <sub>4</sub> " x WOF. Subcut: (28) 1 <sup>3</sup> / <sub>4</sub> " x 5 <sup>1</sup> / <sub>2</sub> " rectangles (4) 1 <sup>3</sup> / <sub>4</sub> " x WOF. Subcut: (28) 1 <sup>3</sup> / <sub>4</sub> " x 4 <sup>1</sup> / <sub>4</sub> " rectangles	

# Black Hole

## Center:

1. Stitch six  $2\frac{1}{2}$ " x WOF strips together in the following order, offsetting the ends by  $2\frac{1}{2}$ ". Fabrics B, C, D, E, F and G.
2. Cut a  $45^\circ$  angle from the end as shown, then cut eight  $2\frac{1}{2}$ " slices. Label as Segment #1.



3. Repeat steps 1 and 2 using the following  $2\frac{1}{2}$ " x WOF strips. Cut eight of each combination and label the segments accordingly.

Segment #2: Fabrics C, D, E, F, G and H.

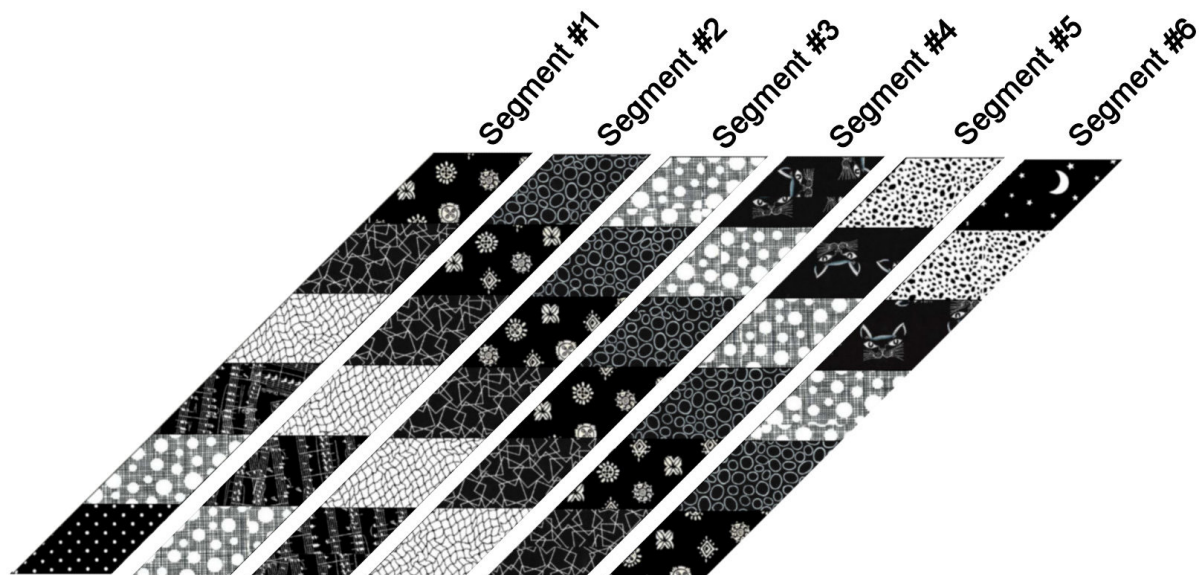
Segment #3: Fabrics D, E, F, G, H and C.

Segment #4: Fabrics E, F, G, H, C and I.

Segment #5: Fabrics F, G, H, C, I and J.

Segment #6: Fabrics G, H, C, I, J and K.

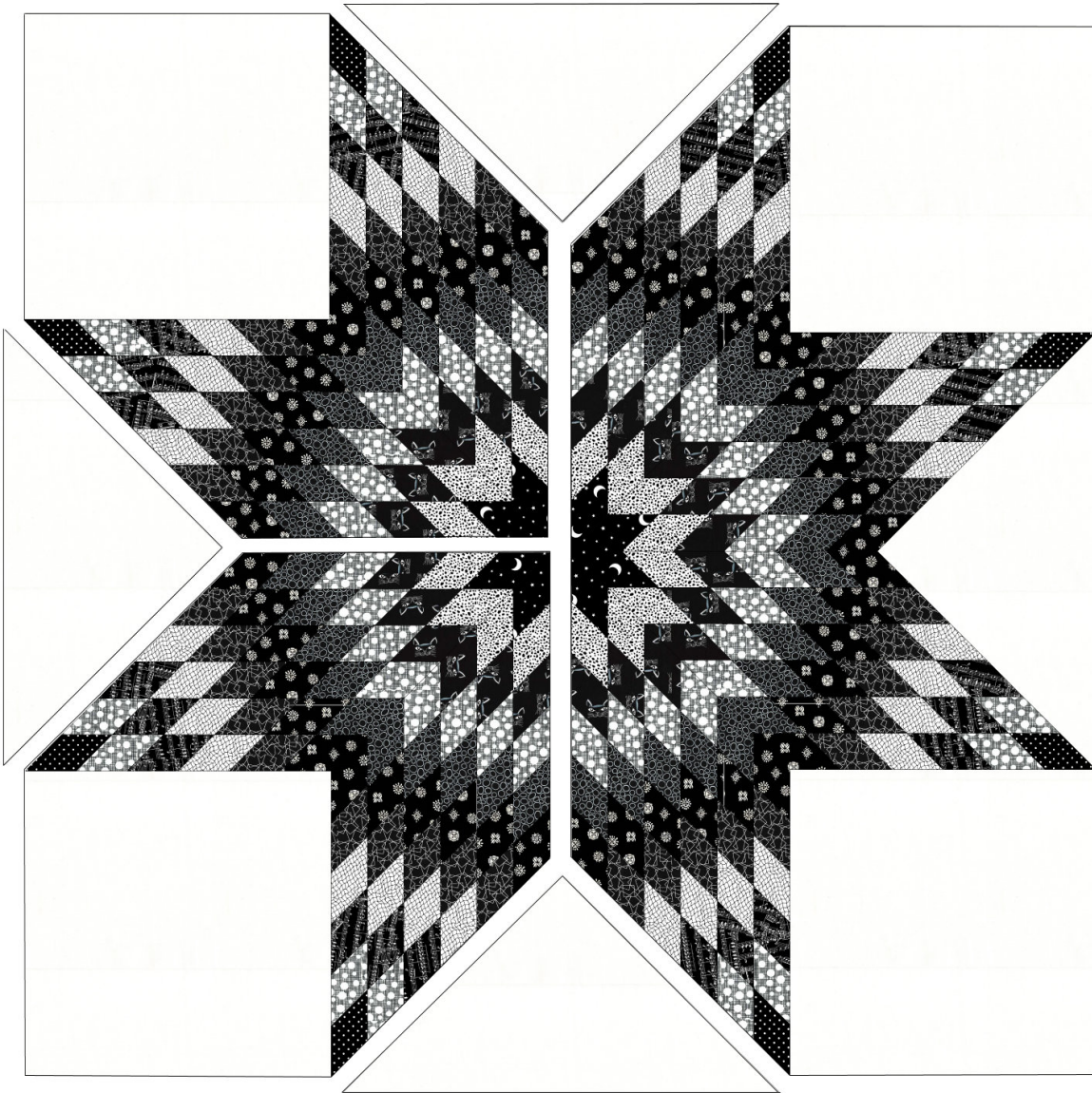
4. Stitch the segments together as shown. Make eight diamond units.





# Black Hole

5. Stitch the diamonds together in pairs, preparing for inset seams, with the fabric K diamonds being stitched together.
6. Stitch the diamond pairs together in pairs again, twice. The fabric K diamonds should make the center star. (see assembly diagram on page 7)
7. Using inset seams, stitch the four fabric A  $16\frac{7}{8}$ " squares in the corners and the fabric A  $24\frac{5}{8}$ " triangles in the sides. Center should measure  $56\frac{1}{2}$ " square.



8. Stitch six fabric L  $2\frac{1}{2}$ " x WOF strips together, end-to-end. Cut two  $2\frac{1}{2}$ " x  $56\frac{1}{2}$ " strips and stitch to the sides of the center. Cut two  $2\frac{1}{2}$ " x  $60\frac{1}{2}$ " strips and stitch to the top and bottom of the center.

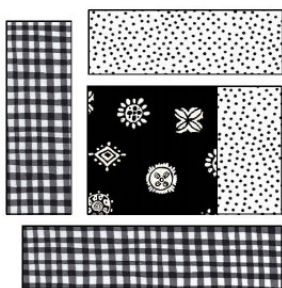
# Black Hole

## Blocks:

Make 28

9. Stitch one fabric M  $1\frac{3}{4}$ " x 3" rectangle to the right-hand side of one fabric G 3" square. Stitch one fabric M  $1\frac{3}{4}$ " x  $4\frac{1}{4}$ " rectangle to the top of the unit.
10. Stitch one fabric P  $1\frac{3}{4}$ " x  $4\frac{1}{4}$ " rectangle to the left side of the unit. Stitch one fabric P  $1\frac{3}{4}$ " x  $5\frac{1}{2}$ " rectangle to the bottom of the unit. Square unit to  $5\frac{1}{2}$ ".
11. Stitch one fabric M  $1\frac{3}{4}$ " x  $5\frac{1}{2}$ " rectangle to the right-hand side of the block. Stitch one fabric M  $1\frac{3}{4}$ " x  $6\frac{3}{4}$ " rectangle to the top of the block.
12. Stitch one fabric O  $1\frac{3}{4}$ " x  $6\frac{3}{4}$ " rectangle to the left side of the block. Stitch one fabric O  $1\frac{3}{4}$ " x 8" rectangle to the bottom of the block. Square block to 8".
13. Stitch one fabric M  $1\frac{3}{4}$ " x 8" rectangle to the right-hand side of the block. Stitch one fabric M  $1\frac{3}{4}$ " x  $9\frac{1}{4}$ " rectangle to the top of the block.
14. Stitch one fabric N  $1\frac{3}{4}$ " x  $9\frac{1}{4}$ " to the left side of the block. Stitch one fabric N  $1\frac{3}{4}$ " x  $10\frac{1}{2}$ " rectangle to the bottom of the block. Square block to  $10\frac{1}{2}$ ". Make 28 blocks.

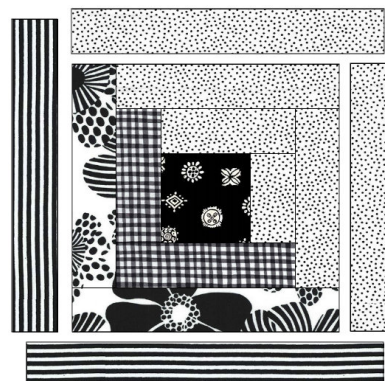
Steps 9-10



Steps 11-12



Steps 13-14



## Assembly:

15. Use assembly diagram on page 7 to add blocks to quilt, noticing block rotation.
16. Stitch eight fabric L  $2\frac{1}{2}$ " x WOF strip together in pairs. Cut two strips to  $2\frac{1}{2}$ " x  $80\frac{1}{2}$ " and add to the sides of the quilt.
17. Cut two strips to  $2\frac{1}{2}$ " x  $84\frac{1}{2}$ " and add to the top and bottom of the quilt.
18. Cut two fabric O  $4\frac{1}{2}$ " x WOF strips in half. Add a whole strip to each end of each piece, making four  $2\frac{1}{2}$ " strip lengths. Add to the quilt, mitering corners.

whole strip	half strip	whole strip
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## Finishing:

19. Layer, baste and quilt as desired.
20. Bind with ten fabric L  $2\frac{1}{2}$ " x WOF strips.



# Black Hole

## Assembly Diagram

