

# MODERN GEOMETRY

By Ashley Hough | Finished size: Approximately 60" x 60"

### Fabric Requirements

(Based on 40" to 42" of usable fabric)

**Fabric 1** (White)- 1 3/8 yards

**Fabric 2** (Light Grey)- 2 yards

**Fabric 3** (Medium Grey/Print)- 3/4 yard

**Fabric 4** (Black)- 1 1/4 yards

### Block Cutting Instructions

From **Fabric 1**, cut:

-(4) 4" x WOF strips, sub-cut into **(32)** 4" squares

-(8) 3 1/2" x WOF strips, sub-cut into **(60)** 3 1/2" squares and **(68)** 3 1/2" x 1 1/2" rectangles

-(5) 1 1/2" x WOF strips, sub-cut into **(16)** 1 1/2" x 9 1/2" rectangles and **(4)** 1 1/2" x 2 1/2" rectangles

From **Fabric 2**, cut:

-(5) 4" x WOF strips, sub-cut into **(42)** 4" squares

-(10) 3 1/2" x WOF strips, sub-cut into **(24)** 3 1/2" x 6 1/2" rectangles, **(48)** 3 1/2" squares and **(32)** 3 1/2" x 1 1/2" rectangles

-(5) 1 1/2" x WOF strips, sub-cut into **(16)** 1 1/2" x 9 1/2" rectangles, **(4)** 1 1/2" x 2 1/2" rectangles and **(4)** 1 1/2" squares

From **Fabric 3**, cut:

-(3) 6 1/2" x WOF strips, sub-cut into **(4)** 6 1/2" squares and **(16)** 6 1/2" x 3 1/2" rectangles

-(1) 4" x WOF strip, sub-cut into **(10)** 4" squares

-(3) 1 1/2" x WOF strips, sub-cut into **(64)** 1 1/2" squares

From **Fabric 4**, cut:

-(6) 3 1/2" x WOF strips, sub-cut into **(16)** 3 1/2" x 6 1/2" rectangles and **(32)** 3 1/2" squares

-(7) 1 1/2" x WOF strips, sub-cut into **(16)** 1 1/2" x 9 1/2" rectangles and **(84)** 1 1/2" squares

### Border Strip Cutting Instructions

From **Fabric 1**, cut:

-(6) 1 1/2" x WOF strips. Sew the strips short ends together to make one long strip. From the long strip, cut **(2)** 1 1/2" x 54 1/2" strips and **(2)** 1 1/2" x 56 1/2" strips.

From **Fabric 2**, cut:

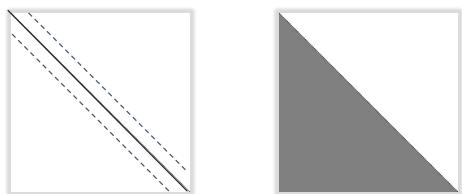
-(6)  $1\frac{1}{2}''$  x WOF strips. Sew the strips short ends together to make one long strip. From the long strip, cut (2)  $1\frac{1}{2}''$  x  $56\frac{1}{2}''$  strips and (2)  $1\frac{1}{2}''$  x  $58\frac{1}{2}''$  strips.

From **Fabric 4**, cut:

-(6)  $1\frac{1}{2}''$  x WOF strips. Sew the strips short ends together to make one long strip. From the long strip, cut (2)  $1\frac{1}{2}''$  x  $58\frac{1}{2}''$  strips and (2)  $1\frac{1}{2}''$  x  $60\frac{1}{2}''$  strips.

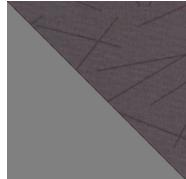
#### Unit Assembly Instruction

-On the wrong side of a  $4''$  **Fabric 1** square, draw a diagonal line from corner to corner. Place the marked square right sides together with a  $4''$  **Fabric 2** square. Sew  $\frac{1}{4}''$  on both sides of the drawn line, then cut apart along the drawn line and press towards **Fabric 2** to make (2) **Fabric 1/Fabric 2** HSTs. Square to  $3\frac{1}{2}''$ .

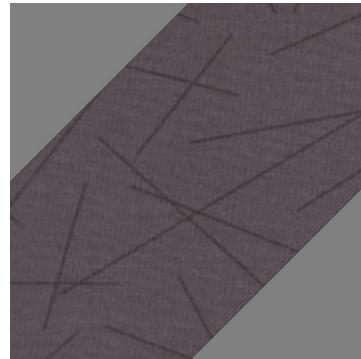
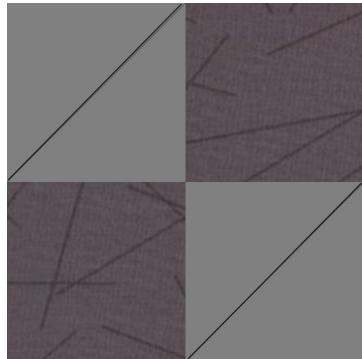


-Repeat to make (64) total **Fabric 1/Fabric 2** HSTs.

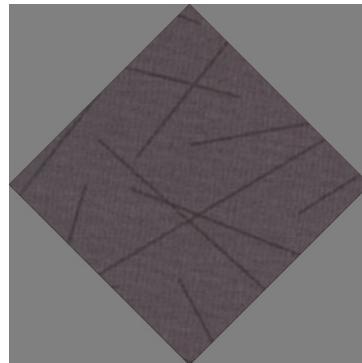
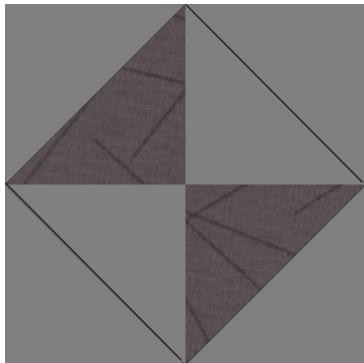
-Repeat the above steps to make (20) total HSTs using 4" **Fabric 2** and **Fabric 3** squares. Press towards **Fabric 3**.



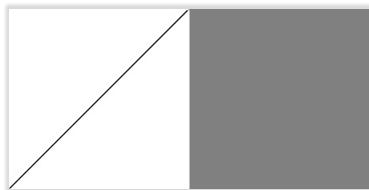
-On the wrong side of (4)  $3\frac{1}{2}''$  **Fabric 2** squares, draw a diagonal line from corner to corner. Place two marked squares right sides together with a  $6\frac{1}{2}''$  **Fabric 3** square as shown. Sew on the drawn lines, then trim seam allowances to  $\frac{1}{4}''$  and press towards **Fabric 2**.



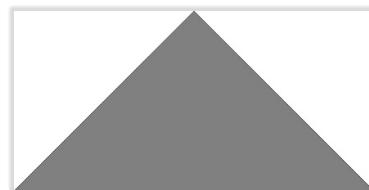
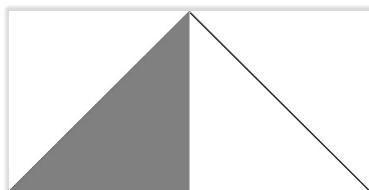
-Place the remaining marked squares on opposite corners of the unit from the previous step as shown. Sew on the drawn lines, then trim seam allowances to  $\frac{1}{4}$ " and press towards **Fabric 2** to make a square in a square unit. Repeat to make **(4)** total units.



-On the wrong side of **(2)**  $3\frac{1}{2}$ " **Fabric 1** squares, draw a diagonal line from corner to corner. Place one of the marked squares right sides together with a  $3\frac{1}{2}$ " x  $6\frac{1}{2}$ " **Fabric 2** rectangle. Sew on the drawn line, then trim seam allowance to  $\frac{1}{4}$ " and press towards **Fabric 1**.



-Place the remaining marked square on the opposite side of the rectangle as shown. Sew on the drawn line, then trim seam allowance to  $\frac{1}{4}$ " and press towards **Fabric 1** to make a Flying Geese unit. Repeat to make **(8)** total **Fabric 1/Fabric 2** Flying Geese units.



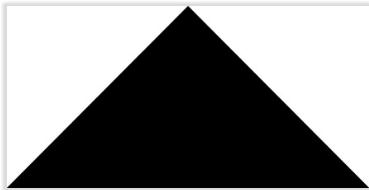
-Repeat the above steps to make **(16)** total Flying Geese units using  $3\frac{1}{2}$ " **Fabric 2** squares and  $3\frac{1}{2}$ " x  $6\frac{1}{2}$ " **Fabric 3** rectangles.



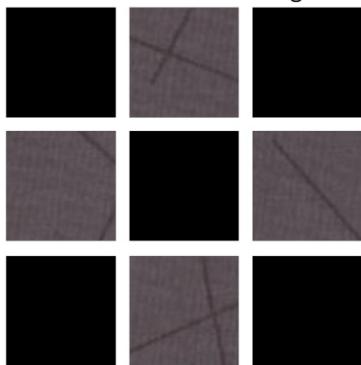
-Repeat the above steps to make **(16)** total Flying Geese units using  $3\frac{1}{2}$ " **Fabric 4** squares and  $3\frac{1}{2}$ " x  $6\frac{1}{2}$ " **Fabric 2** rectangles.



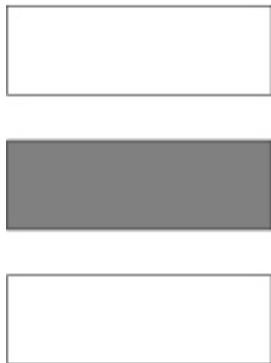
-Repeat the above steps to make **(16)** total Flying Geese units using  $3\frac{1}{2}$ " **Fabric 1** squares and  $3\frac{1}{2}$ " x  $6\frac{1}{2}$ " **Fabric 4** rectangles.



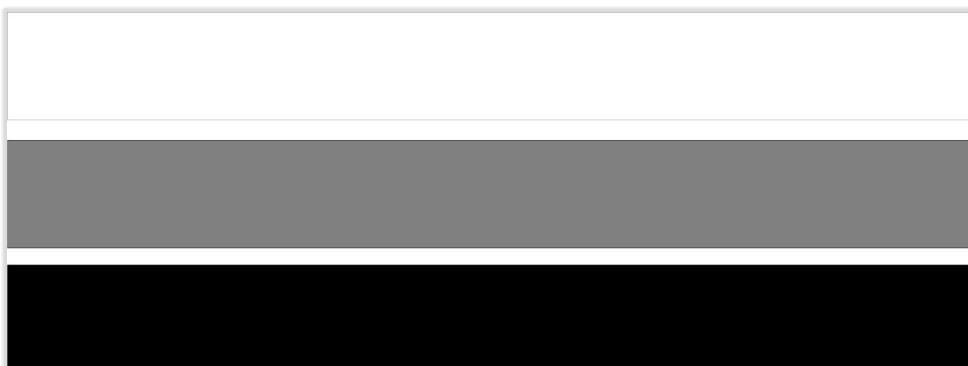
-Lay out the following  $1\frac{1}{2}$ " **Fabric 3** and **Fabric 4** squares as shown. Sew together into rows, pressing towards **Fabric 4**, and then sew the rows together, pressing seams to one side. Repeat to make **(16)** total matching units.



Lay out the following  $1\frac{1}{2}$ " x  $3\frac{1}{2}$ " **Fabric 1** and **Fabric 2** rectangles as shown. Sew together and press towards **Fabric 2**. Repeat to make **(32)** matching units.



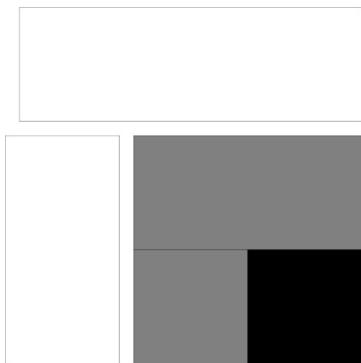
-Lay out the following  $1\frac{1}{2}$ " x  $9\frac{1}{2}$ " **Fabric 1**, **Fabric 2** and **Fabric 4** rectangles as shown. Sew together and press seams to one side. Repeat to make **(16)** matching units.



-Lay out a  $1\frac{1}{2}$ " **Fabric 2** and **Fabric 4** square as shown. Sew together into a pair and press towards **Fabric 4**, then sew a  $1\frac{1}{2}$ " x  $2\frac{1}{2}$ " **Fabric 2** rectangle to the top of the pair as shown.

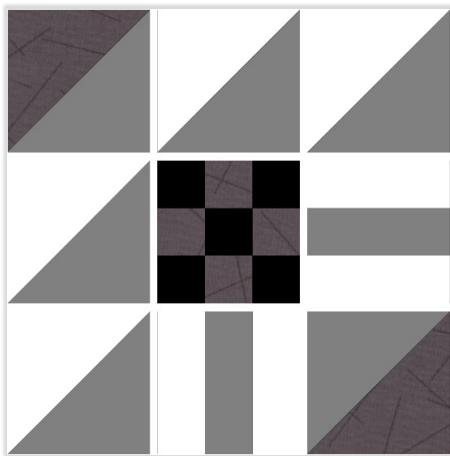


-Sew a  $1\frac{1}{2}$ " x  $2\frac{1}{2}$ " **Fabric 1** rectangle to the side of the unit from the previous step as shown, then sew a  $1\frac{1}{2}$ " x  $3\frac{1}{2}$ " **Fabric 1** rectangle to the top. Repeat to make **(4)** matching units.

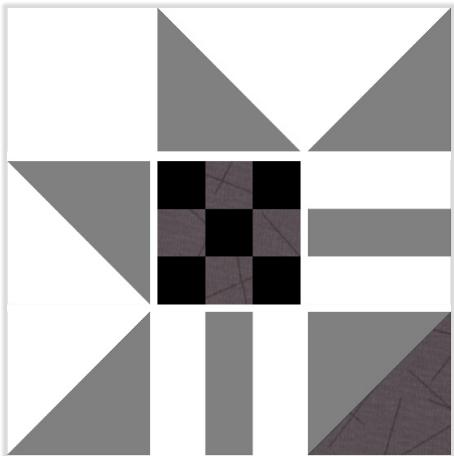


#### Block Assembly Instructions

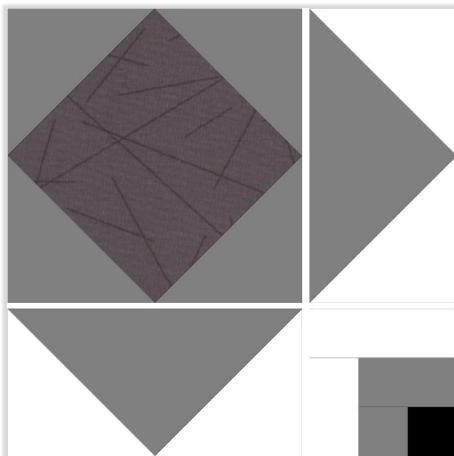
-Lay out the following nine units as shown, rotating as needed. Sew together into rows and then sew rows together. Block should measure  $9\frac{1}{2}$ " square. Repeat to make **(4)** matching blocks.



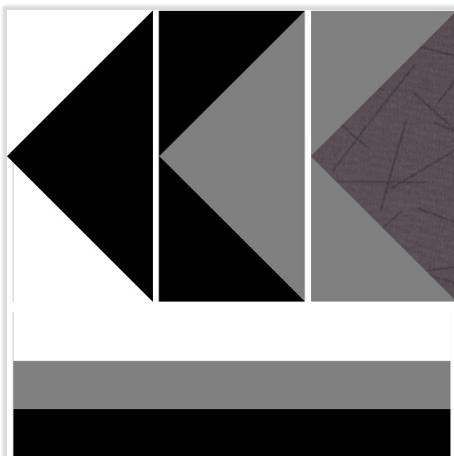
-Lay out a 3 ½" **Fabric 1** square and the following eight units as shown, rotating as needed. Sew together into rows and then sew rows together. Block should measure 9 ½" square. Repeat to make **(12)** matching blocks.



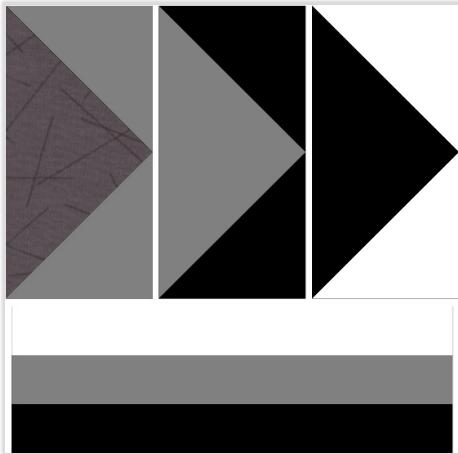
-Lay out the following four units as shown, rotating as needed. Sew together into pairs and then sew pairs together. Block should measure 9 ½" square. Repeat to make **(4)** matching blocks.



-Lay out the following four units as shown. Sew the Flying Geese units together first, then sew the remaining unit to the lower edge. Block should measure 9 ½" square. Repeat to make **(8)** matching blocks.

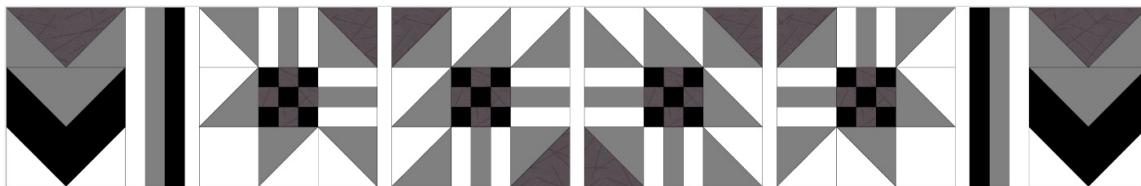


-Lay out the following four units as shown. Sew the Flying Geese units together first, then sew the remaining unit to the lower edge. Block should measure 9 ½" square. Repeat to make **(8)** matching blocks.

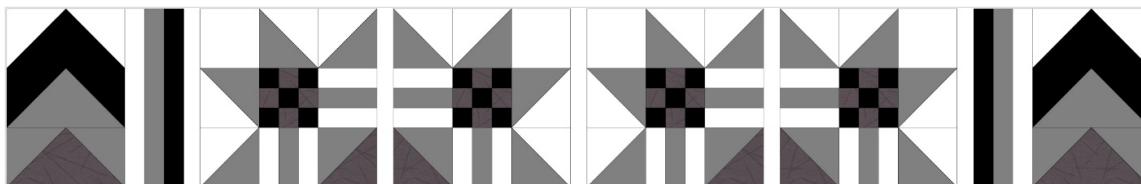


#### Quilt Assembly Instructions

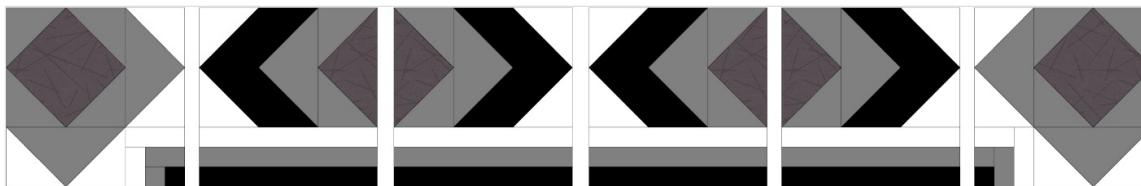
-Lay out the following six blocks as shown, rotating as needed. Sew together into a row and then repeat to make a matching row.



-Lay out the following six blocks as shown, rotating as needed. Sew together into a row and then repeat to make a matching row.



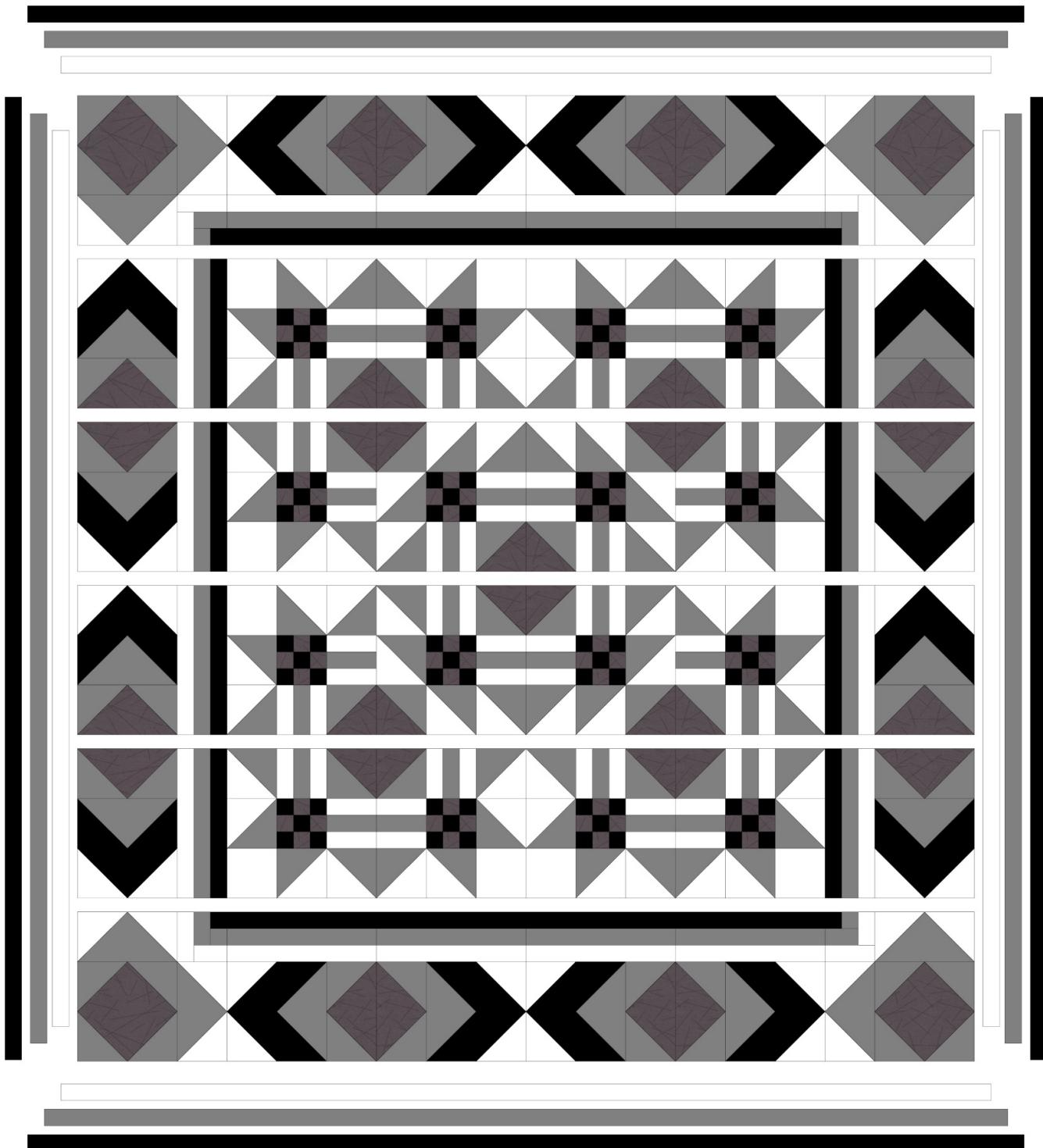
-Lay out the following six blocks as shown, rotating as needed. Sew together into a row and then repeat to make a matching row.



-Using the following quilt assembly diagram as a guide, lay out the six rows as shown, rotating as needed. Sew together to make the quilt center, then sew the **Fabric 1** border strips to the sides, then top and bottom of the quilt center, followed by the **Fabric 2** and **Fabric 4** border strips.

-Layer with batting and backing fabric and quilt as desired.

Quilt Assembly Diagram



## My Notes

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