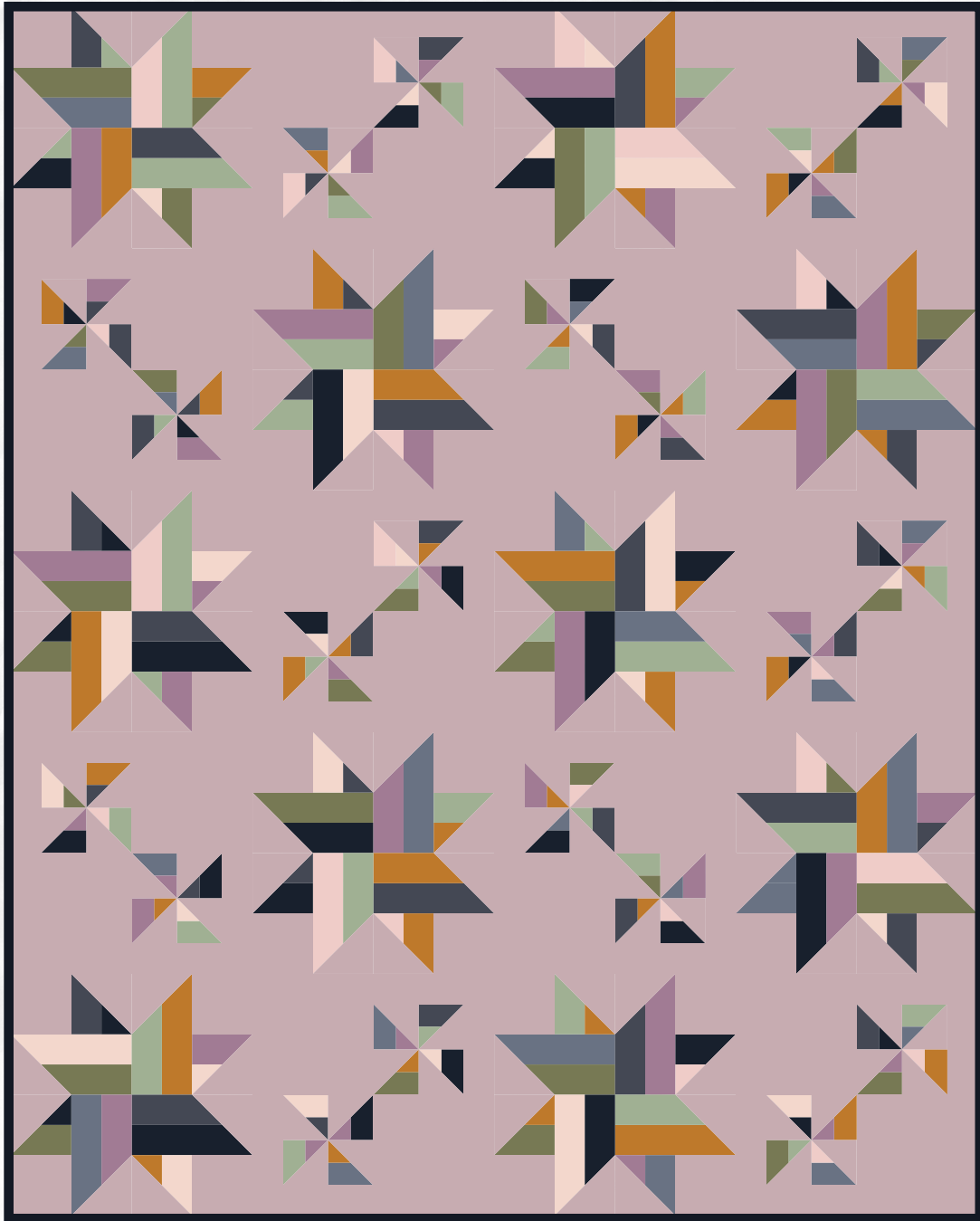


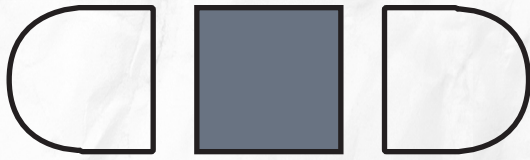
Scintillation



2.5" Strips OR 10" Squares Pattern

Quilt Pattern Level :

Beginner , Intermediate , Advanced



Traditional Pieced Pattern

Fabrics :

Fabrics Shown on Moonkin Stitchery's YouTube Channel are all from the Lilliput Collection By Sharon Holland for Art Gallery Fabrics.

10" Squares: Lilliput Collection By Sharon Holland
Background: Mauvelous Pure Solids
Binding: Twinkle Twinkle Galaxy Yardage
Backing: Berry Picking Yardage

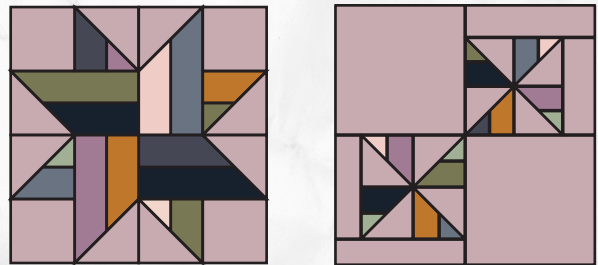
General Instructions :

1. Read all directions before starting.
2. This pattern is built off of 1/4" seam allowances.
3. Directions included FIVE quilt sizes. Carefully read and pay close attention to cutting, and piecing for the size you are creating.

*All quilt sizes use the same size quilt block.

Quilt Block :

Finished Size : 16" Squares
Unfinished Size : 16 1/2" Squares



Materials :

Yardage is calculated using 42" wide fabric. Binding calculation is based on 2 1/2" wide strips.

	BABY	THROW	TWIN	QUEEN	KING
Quilt Size -	32" x 32"	64" x 64"	64" x 80"	96" x 96"	112" x 112"
10" Squares - OR 2 1/2" Strips	6 OR 6	24 OR 24	30 OR 30	54 OR 54	75 OR 75
Background Yardage -	1 1/4 - Yard	3 1/4 - Yards	4 - Yards	6 3/4 - Yards	9 - Yards
Binding -	1/2 - Yard	1/2 - Yard	3/4 - Yard	3/4 - Yard	1 - Yard
Backing -	1 - Yard	4 1/2 - Yards	5 - Yards	9 - Yards	10 1/2 - Yards
Batting -	40" x 40"	72" x 72"	72" x 88"	104" x 104"	120" x 120"

Cutting :

1. Use the chart below to determine how many print 10" squares or 2 ½" strips you'll need to subcut into 2 ½" x 8 ½" rectangles. You'll yield four 2 ½" x 8 ½" rectangles per 10" square or 2 ½" strip.

	BABY	THROW	TWIN	QUEEN	KING
2 ½" x 8 ½" - Rectangles 10" SQs or 2 ½" Strips	4	16	20	36	50

2. Use the chart below to determine how many print 10" squares or 2 ½" strips you'll need to subcut into 2 ½" x 4 ½" rectangles. You'll yield eight 2 ½" x 4 ½" rectangles per 10" square or 2 ½" strip.

	BABY	THROW	TWIN	QUEEN	KING
2 ½" x 4 ½" - Rectangles 10" SQs or 2 ½" Strips	2	8	10	18	25

3. With the background yardage; subcut 4 ½" squares. Use the chart below to inform you how many 4 ½" squares you will need for the quilt size you've selected.

	BABY	THROW	TWIN	QUEEN	KING
4 ½" - Squares	24	96	120	216	288

4. With the background yardage; subcut 8 ½" squares. Use the chart below to inform you how many 8 ½" squares you will need for the quilt size you've selected.

	BABY	THROW	TWIN	QUEEN	KING
8 ½" - Squares	4	16	20	36	48

5. With the background yardage; subcut 2 ½" x 6 ½" rectangles. Use the chart below to inform you how many 2 ½" x 6 ½" rectangles you will need for the quilt size you've selected.

	BABY	THROW	TWIN	QUEEN	KING
2 ½" x 6 ½" - Rectangles	4	16	20	36	48

6. With the background yardage; subcut 2 ½" x 8 ½" rectangles. Use the chart below to inform you how many 2 ½" x 8 ½" rectangles you will need for the quilt size you've selected.

	BABY	THROW	TWIN	QUEEN	KING
2 ½" x 8 ½" - Rectangles	4	16	20	36	48

Piecing :

1. Take a background $4\frac{1}{2}$ " square, and on the wrong side, draw a 45-degree line from corner to corner with a fabric marking tool. (Diagram A) Then measure a $\frac{1}{2}$ " away from the line you just drew, and draw a secondary line. (Diagram B) It doesn't matter which side you mark your secondary line on. Use the chart below to tell you how many $4\frac{1}{2}$ " squares you'll need to do this.

Diagram A

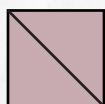
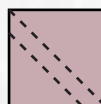


Diagram B



	BABY	THROW	TWIN	QUEEN	KING
$4\frac{1}{2}$ - Squares	16	64	80	144	200

2. Take two mixed prints $2\frac{1}{2}$ " x $8\frac{1}{2}$ " rectangles and sew them together on the $8\frac{1}{2}$ " side, leaving you with along $4\frac{1}{2}$ " x $8\frac{1}{2}$ " rectangle. (Diagram C)

Diagram C



3. Continuing with the $4\frac{1}{2}$ " x $8\frac{1}{2}$ " rectangle from step two, place a step one background $4\frac{1}{2}$ " square on the left side right sides together. *Pay close attention to the line direction.* You will sew directly **ON** both of the lines you drew in step one. (Diagram D) Afterwards, cut in-between those two lines that you drew. (Diagram E)

Diagram D



Diagram E



4. Repeat steps two and three until you have enough blocks. Use the chart below to tell you how many blocks you will need for the quilt size you've selected. **IMPORTANT NOTE:** Keep all half-square triangles together and label them as **Block A**.

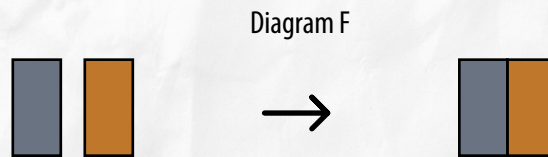
Labeled Block A's



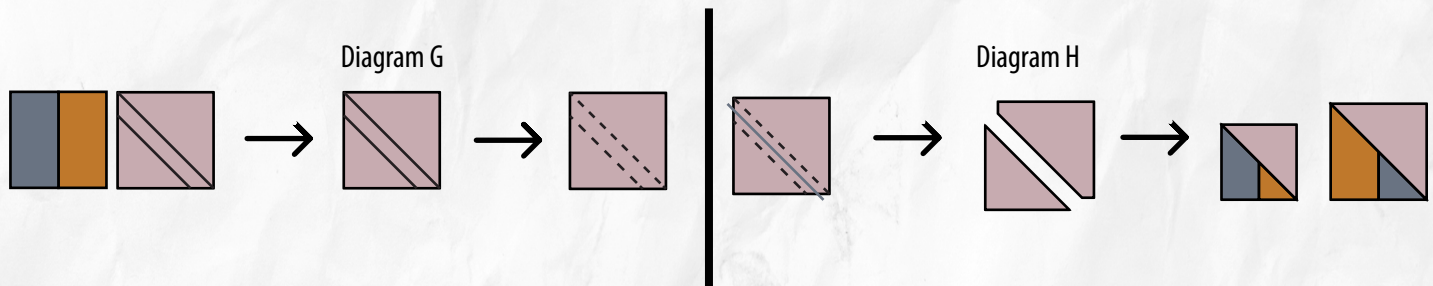
	BABY	THROW	TWIN	QUEEN	KING
Total Blocks	8	32	40	72	100

Piecing Continued :

5. Take two mixed prints $2\frac{1}{2}" \times 4\frac{1}{2}"$ rectangles and sew them together along the $4\frac{1}{2}"$ side, leaving you with a $4\frac{1}{2}"$ square. (Diagram F)



6. Continuing with the $4\frac{1}{2}"$ square from step five, place a step one background $4\frac{1}{2}"$ square on top, right sides together. *Pay close attention to the line direction in both prints and background square.* You will sew directly **ON** both of the lines you drew in step one. (Diagram G) Afterwards, cut in-between those two lines that you drew. (Diagram H)



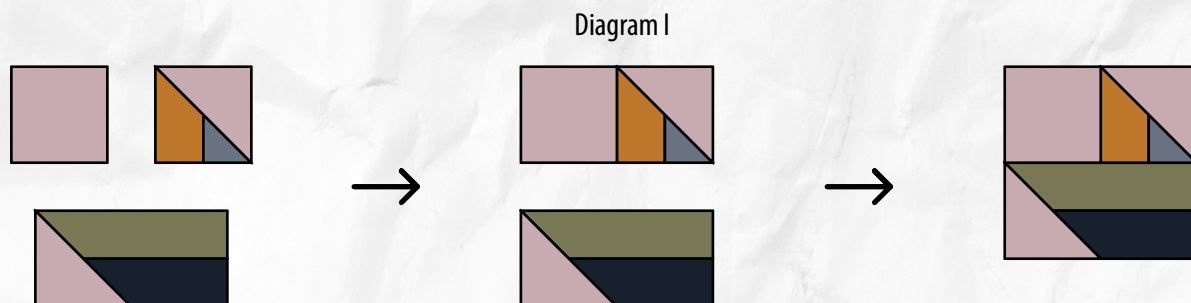
7. Repeat steps five and six until you have enough blocks. Use the chart below to tell you how many blocks you will need for the quilt size you've selected. **IMPORTANT NOTE:** Keep all half-square triangles together and label them as **Block B**.

Labeled Block B's



	BABY	THROW	TWIN	QUEEN	KING
Total Blocks	8	32	40	72	100

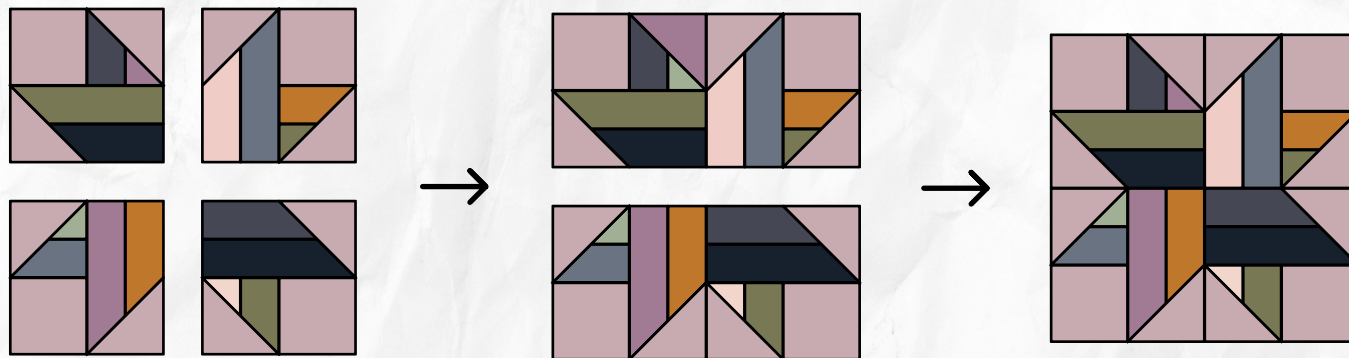
8. Take a step three $4\frac{1}{2}" \times 8\frac{1}{2}"$ rectangle, a step six $4\frac{1}{2}"$ half square triangle, and one background $4\frac{1}{2}"$. Place your blocks out shown in Diagram I. Sew the blocks together to form rows. Lastly, sew the rows together to complete a $8\frac{1}{2}"$ quilt block.



Piecing Continued :

9. Continuing with the block made in step eight, select four of them. Place your blocks out shown in Diagram J. Sew the blocks together to form rows. Lastly, sew the rows together to complete a $16\frac{1}{2}$ " quilt block.

Diagram J



10. Repeat step nine until you have enough blocks. Use the chart below to tell you how many blocks you will need for the quilt size you've selected.

	BABY	THROW	TWIN	QUEEN	KING
Total Star Blocks -	2	8	10	18	25

11. Take the blocks labeled **Block A** from step four and form a pinwheel. Pay close attention to the placement of the background and prints within the pinwheel. (Diagram K) Sew the blocks together to form rows. Lastly, sew the rows together to complete your quilt block. Trim your block down to a $6\frac{1}{2}$ " square. (Diagram L) Relabel as **Block A**.

Diagram K

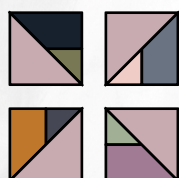
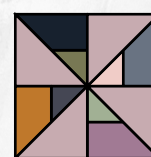


Diagram L



12. Continuing with the pinwheel block made in step eleven. Place a background $2\frac{1}{2}$ " x $6\frac{1}{2}$ " rectangle on the right side and a $2\frac{1}{2}$ " x $8\frac{1}{2}$ " rectangle on top. (Diagram M) Sew the $2\frac{1}{2}$ " x $6\frac{1}{2}$ " rectangle first on the right, followed by the $2\frac{1}{2}$ " x $8\frac{1}{2}$ " on top, leaving you with an $8\frac{1}{2}$ " square. (Diagram N) Relabel as **Block A**.

Diagram M

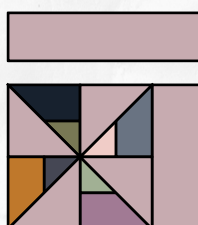
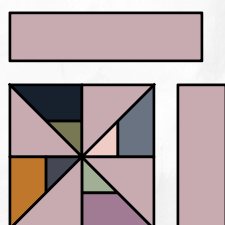
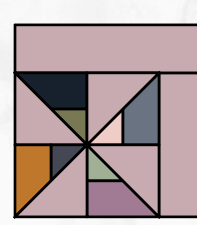


Diagram N



Piecing Continued :

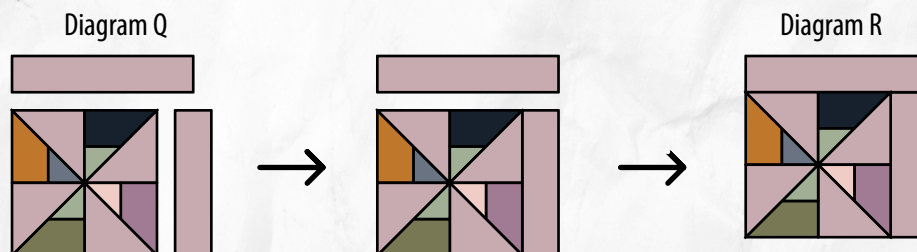
13. Repeat steps eleven and twelve until you have enough blocks. Use the chart below to tell you how many blocks you will need for the quilt size you've selected.

	BABY	THROW	TWIN	QUEEN	KING
Total Blocks -	2	8	10	18	24

14. Take the blocks labeled **Block B** from step seven and form a pinwheel. Pay close attention to the placement of the background and prints within the pinwheel. (Diagram O) Sew the blocks together to form rows. Lastly, sew the rows together to complete your quilt block. Trim your block down to a $6\frac{1}{2}$ " square. (Diagram P) Relabel as **Block B**.



15. Continuing with the pinwheel block made in step fourteen. Place a background $2\frac{1}{2}$ " x $6\frac{1}{2}$ " rectangle on the right side and a $2\frac{1}{2}$ " x $8\frac{1}{2}$ " rectangle on top. (Diagram Q) Sew the $2\frac{1}{2}$ " x $6\frac{1}{2}$ " rectangle first on the right, followed by the $2\frac{1}{2}$ " x $8\frac{1}{2}$ " on top, leaving you with an $8\frac{1}{2}$ " square. (Diagram R) Relabel as **Block B**.

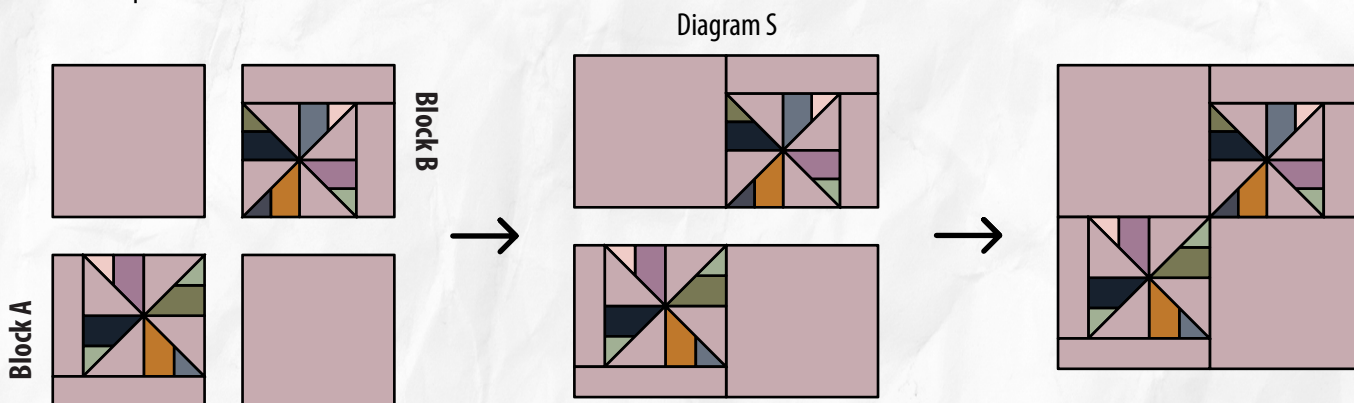


16. Repeat steps fourteen and fifteen until you have enough blocks. Use the chart below to tell you how many blocks you will need for the quilt size you've selected.

	BABY	THROW	TWIN	QUEEN	KING
Total Blocks -	2	8	10	18	24

Piecing Continued :

17. Take **Block A** and **Block B** pinwheels, plus two background 8 ½" squares. Place your blocks out shown in Diagram S. **Block A** will be in the bottom left corner. **Block B** will be in the top right corner. Sew the blocks together to form rows. Lastly, sew the rows together to complete a 16 ½" quilt block.



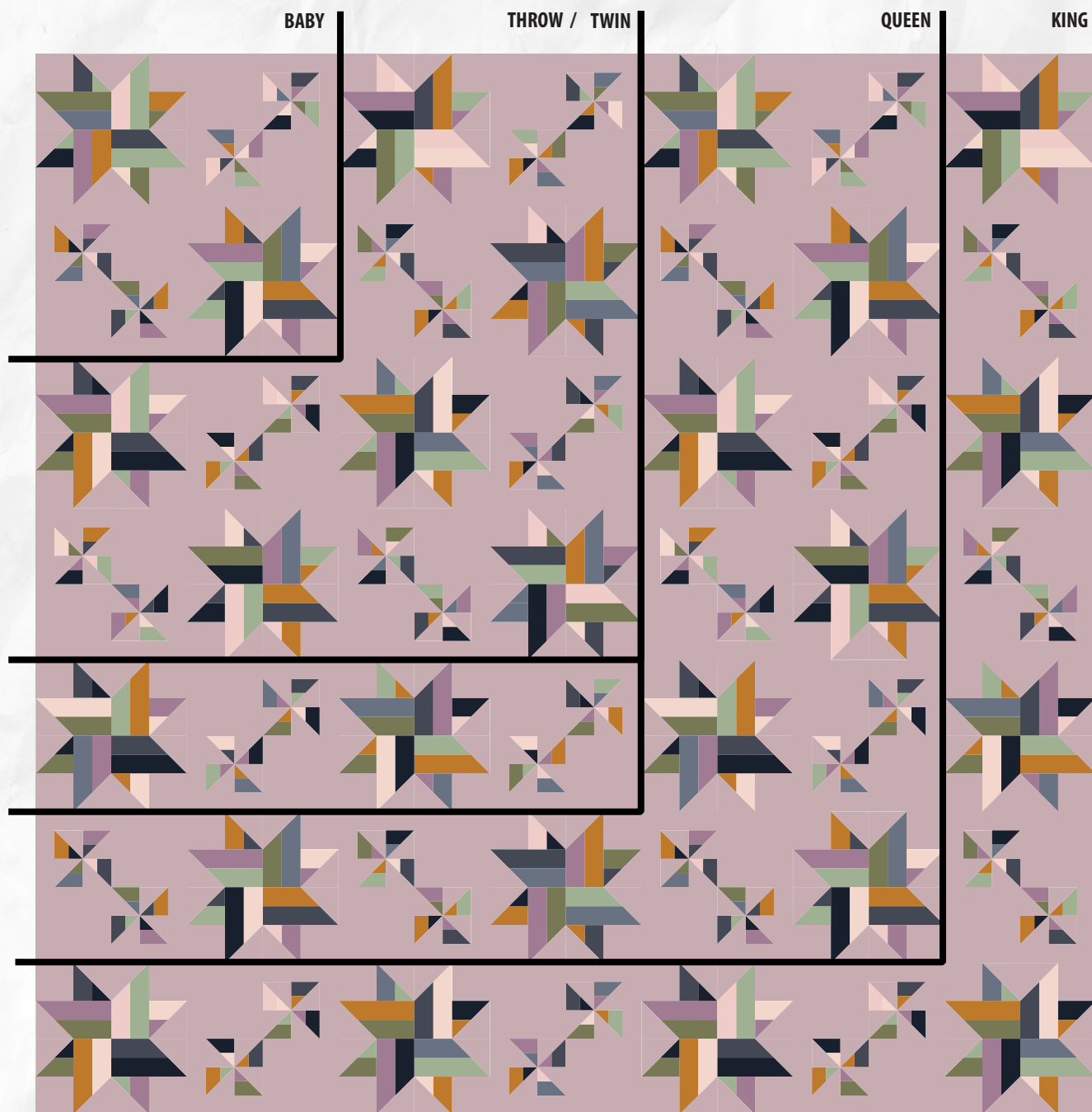
18. Repeat step seventeen until you have enough blocks. Use the chart below to tell you how many blocks you will need for the quilt size you've selected.

	BABY	THROW	TWIN	QUEEN	KING
Total Pinwheel Blocks -	2	8	10	18	24

Layout :

1. With the blocks you've made in steps nine and seventeen, use the diagram below to lay your quilt top out. You'll alternate between each block. The pinwheel blocks will point to the upper right corner for the odd rows. Then, for the even rows, rotate the pinwheel block 90-degrees pointing to the upper left corner. Sew your blocks together to form rows. Lastly, sew your rows together to complete your quilt top.

	BABY	THROW	TWIN	QUEEN	KING
Total Blocks Per Row -	2	4	4	6	7
Total Rows Per Quilt -	2	4	5	6	7



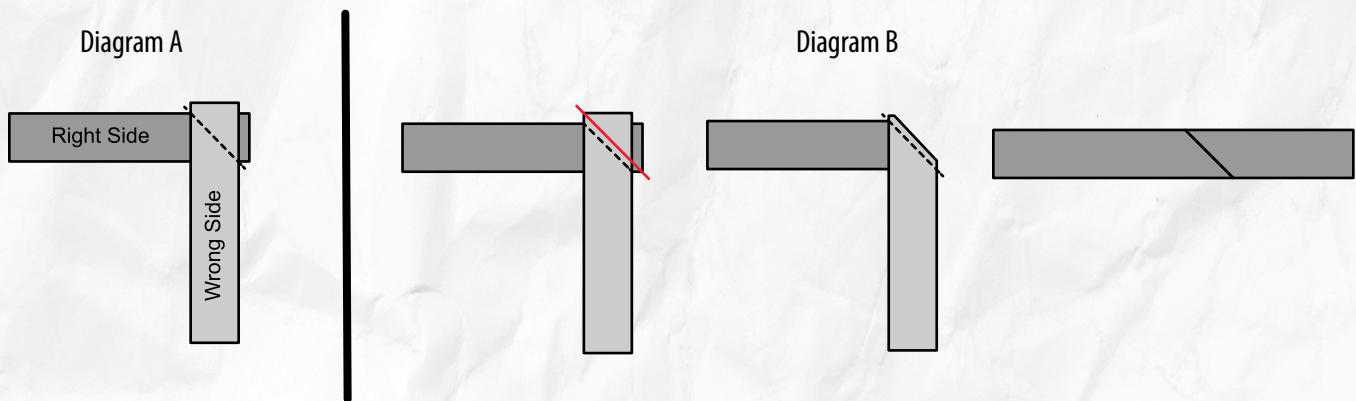
Finishing Instructions :

1. First create a backing piece. Moonkin Stitchery Quilt Patterns have backing calculated at 12" wider than the width of the final quilt top. Remove the selvages (if needed) and if the size you are making backing piece needs to be pieced, sew the pieces together with a $\frac{1}{2}$ " seam allowance.
- 2a. If you are planning to quilt your quilt on a domestic machine, layer the backing wrong side up on a large surface followed by batting, and lastly the quilt top to form a "sandwich". Make sure all of your layers are smooth and wrinkle free. Baste the layers together by using safety pins to hold everything in place then using a domestic sewing machine quilt your quilt.
- 2b. If you are planning to send your quilt top to a Long Arm Professional, contact them to see what their requirements are to have your quilt quilted and follow their instructions.
3. After quilting, trim away excess batting and backing fabric while squaring up your quilt.
4. Lastly all you need is to bind your quilt! See the binding section for further instructions on how to bind your quilt top.

Binding Instructions :

Non-Bias Binding

1. Using the binding yardage chart on the materials section, start by cutting $2\frac{1}{2}$ " strips by WOF.
2. With each strip, start by placing one strip horizontal right side showing and place a second strip end vertically with wrong side placed up. Sew a $\frac{1}{4}$ " diagonal seam (Diagram A). Trim any excess fabric away and continue this process until you have all strips stitched together from end to end. (Diagram B)



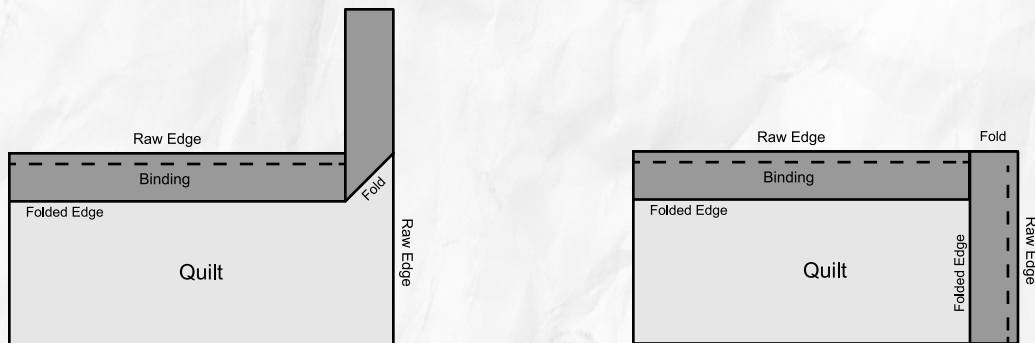
3. Place your binding strip wrong side up and press in half lengthwise the entire length of the strip piece.

Binding Instructions Continued :

Non-Bias Binding Continued

4. Based on your choice/preference you'll now sew your binding on either the top or back side of your quilt top. Place the raw edges towards the raw edges of your quilt top/back. Sew $\frac{1}{4}$ " seam allowance all the way around your quilt top (Diagram C). Keep your binding folded when you sew a $\frac{1}{4}$ " seam allowance all the way around.

Diagram C



5. Once you've sewed your binding around the whole quilt top, connect your binding pieces together by your favorite method.

6. Lastly you'll flip your quilt around and fold your binding on the other side sealing in the raw edges of your quilt top. Now you'll either machine quilt your binding down at about $\frac{1}{8}$ " from the folded edge, OR you can now hand stitch your binding shut.

Finished