## FLOATING POINT STARS

\& BONUS Kite Tail Border
Written by Donna Jordan for Jordan Fabrics
Finished Size: 59 x 83"


## Fabric Requirements:

$201 / 4$ yards or 20 fat quarters - using a nice mix of lights and darks.
Inner Border: 1/2 yard
"Sandwich" Border for bonus Kite Tail: 3/8 yard Outside Border: 1 yard
Binding: 5/8 yard
Backing: 5 yards

## Cutting Instructions:

Take two different colored (referred to as dark \& light in the instructions below) fabrics and layer on your cutting surface.
Using one of the diagrams below, make the following sub-cuts:
$1-6^{\prime \prime}$ square
$2-6^{\prime \prime}$ sub-cut to $4-33 / 4 \times 6^{\prime \prime}$
2-3 $3 / 4^{\prime \prime}$ sub-cut to $4-33 / 4^{\prime \prime}$ squares
4-3 $1 / 2^{\prime \prime}$ sub-cut to $8-31 / 2^{\prime \prime}$ squares
Cut $1 / 4$ yards as follows:

| 6 | $6 \times 3$ 3/4" | $6 \times 3$ /4" | 3 3/4" <br> Square | $3 \text { 3/4" }$ <br> Square | $\begin{aligned} & 31 / 2^{\prime \prime} \\ & \text { Square } \end{aligned}$ | $\begin{aligned} & 31 / 2^{\prime \prime} \\ & \text { Square } \end{aligned}$ | $\begin{aligned} & 31 / 2^{\prime \prime} \\ & \text { Square } \end{aligned}$ | $\begin{aligned} & 31 / 2^{\prime \prime} \\ & \text { Square } \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Square | $6 \times 3$ 3/4" | $6 \times 3$ /4" | $\begin{aligned} & 33 / 4^{\prime \prime} \\ & \text { Square } \end{aligned}$ | $\begin{aligned} & 33 / 4^{\prime \prime} \\ & \text { Square } \end{aligned}$ | $\begin{aligned} & 31 / 2^{\prime \prime} \\ & \text { Square } \end{aligned}$ | $\begin{aligned} & 31 / 2^{\prime \prime} \\ & \text { Square } \end{aligned}$ | $\begin{aligned} & 31 / 2^{\prime \prime} \\ & \text { Square } \end{aligned}$ | $\begin{aligned} & 31 / 2^{\prime \prime} \\ & \text { Square } \end{aligned}$ |  |  |

Or if using fat quarters cut as follows:


Repeat with remaining fabrics, pairing a light and a dark.

On the backside of all the $31 / 2^{\prime \prime}$ squares, draw a diagonal line from corner to corner. Draw a second line $1 / 2^{\prime \prime}$ away from the first line (see diagram below):


## Sewing Instructions:

Place one $31 / 2$ " dark square on the lower right corner of the $33 / 4 \times 6$ " light rectangle with right sides together. Sew along both drawn lines. Fold the top half of the $31 / 2^{\prime \prime}$ square along the diagonal stitching line and steam press flat. The corners of the square and the rectangle background should match. Open the fold and cut the 2 lower layers right between the 2 stitching lines. The part you have trimmed off is a half-square triangle that will be used in the Kite Tail border.


## CUT

Now place another dark $31 / 2 \prime 2$ square onto the lower left corner of the dark rectangle unit. Stitch along both drawn lines. Fold the top half, iron, and trim as you did with the right-side square. The finished rectangle unit should now measure $33 / 4 \times 6^{\prime \prime}$. Repeat the process to make 3 more identical star point units. Set all half-square triangles aside for later.


To make your star block, sew a 3 3/4" dark square to top and the bottom of a star point unit as shown below. Press seam allowances away from the middle. Repeat for the other side of your star block. Sew star point units to the top and the bottom of the 6 " solid square.


Stitch a side unit to either side of the center unit to finish your star. Press seam allowances as shown in the diagrams below. Your block should measure $121 / 2^{\prime \prime}$ inches.


Repeat this process, but reverse it so that the light fabric makes up the star, and the dark fabric makes up the background.

Repeat, making the other nine dark/light star combinations for a total of 10 combinations which will result in 20 star blocks. Your block should measure $121 / 2$ ". Lay out your stars in a $4 \times 5$ block quilt top and stitch into rows, then stitch rows together as shown below:


To make the optional Kite Tail border, take the half-square triangles and iron them open with the seam allowance pressed to one side, and trim off the dog-ears. You will need a total of 96 half-square triangles. Using the picture below, stitch 24 half-square triangles into a row. Make another row and sew the rows together. Your row should now measure $521 / 2^{\prime \prime}$ wide. (It may need to be trimmed down a bit). For your "Sandwich" border, cut 6 strips @ 1 $1 / 2^{\prime \prime}$ WOF, and stitch into one long piece. Stitch the sandwich border onto the top and bottom of your half-square triangle row. Repeat to make a second Kite-Tail border.


Cut inner border into 6 strips @ $21 / 22^{\prime \prime}$ WOF and stitch into one long piece. Stitch the KiteTail border to the top and the bottom of the quilt. Cut the outer border into 8 strips @ 4" WOF and stitch all around your quilt. Quilt, bind, and enjoy!


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