## Triangulations Pattern

 Kansas Troubles Baby Quilt

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> Finished Size: $441 / 4 " \times 611 / 4 "$ Six- 12 "blocks

Fabric Requirements and Cutting Instructions:

Background Fabric $33 / 4$ yards
A - 4 rectangles $7 \frac{3}{4}$ " $\times 10^{\prime \prime}$ - block construction
B - 7 rectangles $61 / 2 " \times 91 / 2 "$ - pieced border units
C - 24 squares 2"
D - 12 squares $67 / 8^{\prime \prime}$ - cut once diagonally
E - 2 squares $121 / 2^{\prime \prime}$
F - 2 squares $93 / 8^{\prime \prime}$ - cut once diagonally
G-2 squares $181 / 4$ " - cut twice diagonally
Final Borders - Lengthwise grain strips - cut first!
H - Side Border - 2 strips $31 / 2 " \times 553 / 4$ " -
I - Top and Bottom - 2 strips $31 / 2 " \times 443 / 4$ "
Binding - 4 strips 2" wide

## Dark Fabric

$11 / 2$ yard
J - 4 rectangles $7 \frac{3}{4}$ " $\times 10^{\prime \prime}$ - block construction
K - 7 rectangles $61 / 2 " \times 91 / 2 "$ - pieced border units L-12 squares $37 / 8^{\prime \prime}$ - cut once diagonally
M - 12 squares $23 / 8^{\prime \prime}$ - cut once diagonally
Backing 50" $\times 66^{\prime \prime}$
Block Construction

## 1. Print Half Square Triangulations ${ }^{\mathrm{TM}}$ papers. Print 4 copies of page 18-1 $1 / 2^{\prime \prime}$ finished size.

2. Construct 2 " half square triangles using the $73 / 4$ " x 10 " rectangles A of Background Fabric with the $73 / 4 " \times 10 "$ rectangles $\mathbf{J}$ of Dark Fabric. Each rectangle pair will yield 24 half square triangle units measuring 2" raw edge to raw edge. Make 96 half square triangle units. These triangle units will be used in the block construction.

3. Make 24 Quarter Blocks using half square triangle units from step 2 with
Background
Fabric triangles D and squares $\mathbf{C}$, and Dark Fabric triangles $\mathbf{L}$ and $\mathbf{M}$. Press the seams as indicated by the arrows.
Unit will measure $61 / 2 "$ square.

4. Join quarter block units together as diagramed below. After checking that the points match, pull the two or three stitches of the vertical seam that extend past the long seam into the $1 / 4$ " seam allowance. This will allow the final seam to be swirled and pressed so that all of the seams are rotating in the same direction, distributing the bulk in the center of the block. Block will measure $12 \frac{1}{2}$ ".

5. Print Half Square Triangulations ${ }^{\mathrm{TM}}$ papers. Print 8 copies of page 23-2 1/8" finished size.
6. Construct $21 / 8^{\prime \prime}$ half square triangles using the $61 / 2$ " $\times 91 / 2$ " rectangles B of Background Fabric with the $6 \frac{1}{2}$ " x $91 / 2$ " rectangles K of Dark Fabric. Each rectangle pair will yield twelve half square triangle units measuring $25 / 8^{\prime \prime}$ raw edge to raw edge. Make 84 half square triangle units. These triangle units will be used for pieced border construction.

Make 2 side border strips with 24 units each.

Make 2 top and bottom border strips using 18 units each.

## Quilt Top Assembly

1. Arrange pieced blocks and Background Fabric squares and triangles in diagonal rows as diagramed below.
2. Arrange half square triangle units from step 6 to form first border strips, press seams between half square triangle units open. Attach side borders first and then top and bottom borders. Press long seams toward the quilt top.
3. Attach the final border strips. Sides first and then the top and bottom borders. Press toward the final border strips.




3".

 Finished Size

$25 / 8^{\prime \prime}$

## TriangulationsTM <br> Basics

The following directions are a quick introduction to the use of Triangulations ${ }^{\text {TM }}$ grids. Please refer to the disc for more complete instructions.

Each gridded Triangulations ${ }^{\mathrm{TM}}$ square will yield 2 complete half square triangle units.

1. Open the correct page and print the number of triangle foundations necessary for your chosen quilt. Trim the Triangulations ${ }^{\mathrm{TM}}$ paper $1 / 8^{\prime \prime}$ from the outermost printed line.
2. Cut the fabric pieces slightly larger than the trimmed Triangulations ${ }^{\mathrm{TM}}$ paper, $1 / 4$ " larger is sufficient.
3. Place two fabric pieces right sides together. Position a Triangulations ${ }^{\mathrm{TM}}$ paper on the wrong side of the light (background) fabric and pin the paper to the fabric pair.

4. Stitch on all dotted lines. Follow the arrows for a continuous seam. Use a small stitch (18-20 stitches per inch) and a size 14 sewing machine needle to better perforate the paper.

5. Cut on all solid lines using a rotary cutter and ruler. I generally trim off all excess from the edges
first before I cut the unit into individual squares and then into triangles.

6. Snip off the points of the triangles on the "trim" line indicated to remove dog ears.

7. With the paper still attached, finger press the seam toward the dark fabric.

8. Remove the paper foundation. Pinch the center of the seam between the thumb and forefinger of you "wrong" hand. Pull the paper foundation from the square corner against your thumbnail.

