

Collection for a Cause
Warmth
—1830—
Howards Marcus
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Tenth in a Series Finished Quilt: 81"x94"



Finished Quilt: 81"x94"
 Finished Block: 9½"x9½"

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Quilters Basics

*Read instructions before beginning a project.
 All instructions include a ¼" seam allowance.
 Press as you go. Press seams in one direction.*

CUTTING

Note: *The following cutting instructions are written for piecing this project without a moda kit. If you are using moda Kit 46140 please refer to only the cutting directions highlighted in red. The fabrics for the stars, alternate blocks and corner squares have been precut and labeled.*

Important: Label and sort the various parts as they are cut.

FABRIC 1

Cut 13 – 3¾" x WOF strips
 Subcut 142 – 3¾" x 3¾" corner squares for star blocks (A)

Cut 6 – 5½" x WOF strips
 Subcut 42 – 5½" x 5½" squares cut twice diagonally for star block side triangles (B)

Cut 3 – 4¼" x WOF strips
 Subcut 26 – 4¼" x 4¼" squares cut once diagonally for side setting star blocks and corner pieced triangles (C)

FABRIC 2

Cut 6 – 10" x WOF strips
 Subcut 21 – 10" x 10" bkgd. squares for alternate block

Cut 2 – 2½" x WOF strips for star blocks

FABRIC 3

Cut 6 – 10" x WOF strips
 Subcut 21 – 10" x 10" bkgd. squares for alternate block

Cut 1 – 2½" x WOF strip for star blocks

FABRIC 4

Cut 21 – 5¼" x WOF strips
 Subcut 168 – 5¼" x 5¼" corner squares for alternate block

FABRIC 5

Cut 9 – 2" x WOF strips for binding

FABRICS FOR STARS (PRE CUT STRIPS IN KIT)

Fabrics 6 – 28 are for Star Blocks

Refer to the chart on right to determine the number of 2½" x WOF strips to cut from each fabric.

Total needed: 42 assorted strips including strips from Fabrics 2 & 3.

Fabric #	# of strips	Fabric #	# of strips
Fabric 6	2	Fabric 17	1
Fabric 7	3	Fabric 18	1
Fabric 8	3	Fabric 19	1
Fabric 9	3	Fabric 20	1
Fabric 10	1	Fabric 21	2
Fabric 11	1	Fabric 22	2
Fabric 12	4	Fabric 23	1
Fabric 13	3	Fabric 24	1
Fabric 14	1	Fabric 25	1
Fabric 15	1	Fabric 26	2
Fabric 16	2	Fabric 27	1
		Fabric 28	1

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CONSTRUCTION

Note bkgd. pieces are slightly oversized to allow for squaring pieced blocks.

1. Pair 2½" strips right sides together. Make 21 pairs. Refer to chart below for pair combinations. Pairs in red (1,2, 4, 9, & 14) are used twice – once for whole blocks and once for Star Setting Triangles (half blocks). Pairs in blue (16) is used only as Star Setting Triangles (half blocks).

Note: Like fabric pairs are used in each block. Do not mix and match.

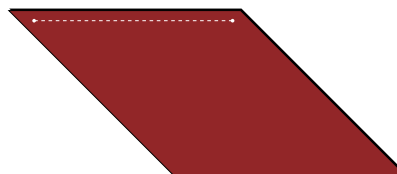
Using the enclosed template cut 8 diamond pairs from each set of strips.



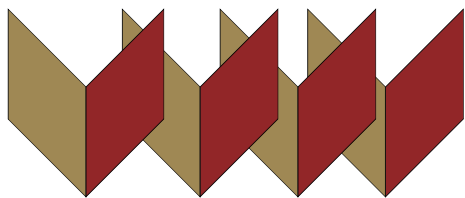
Using template cut 8 diamond pairs from each set of strips

2. With right sides together, stitch pairs together starting and stopping ¼" from end of seam. Back stitch if desired. Press seam to darker fabric.

Start and stop ¼" from end of seam

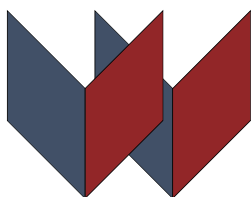


3. Collect matching diamond pairs into 30 sets of 4, 22 sets of 2 for half blocks and 1 set of 4 for pieced corner triangles. Matching fabric pairs are used in each block. Do not mix and match.



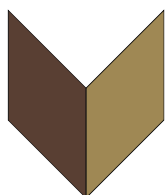
(W)

Select 30 sets of 4 for whole blocks



(H)

Select 22 sets of 2 for Star Setting Triangles (half blocks)



(C)

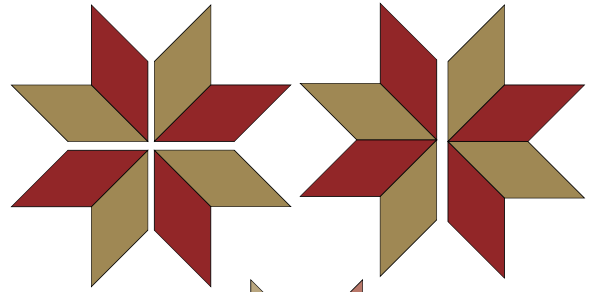
Select 1 set of 4 for pieced corner triangles

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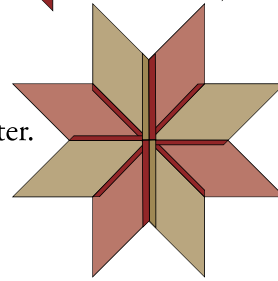
Star Pair #	Fabric #	Fabric #	Piece
Star Pair 1	6	7	2 W, 2 H, 4 C
Star Pair 2	8	9	2 W, 4 H
Star Pair 3	10	11	2 W
Star Pair 4	12	13	2 W, 4 H
Star Pair 5	14	3	2 W
Star Pair 6	15	16	2 W
Star Pair 7	17	18	2 W
Star Pair 8	20	19	2 W
Star Pair 9	21	22	2 W, 4 H
Star Pair 10	9	23	2 W
Star Pair 11	24	7	2 W
Star Pair 12	13	2	2 W
Star Pair 13	8	25	2 W
Star Pair 14	26	12	2 W, 4 H
Star Pair 15	27	16	2 W
Star Pair 16	2	28	4 H

Making a Block – Make 30 whole and 22 half blocks

1. Stitch 2 diamond pairs together. Be sure to stop $\frac{1}{4}$ " from end of seam. Press seam. Repeat with second set of pairs.



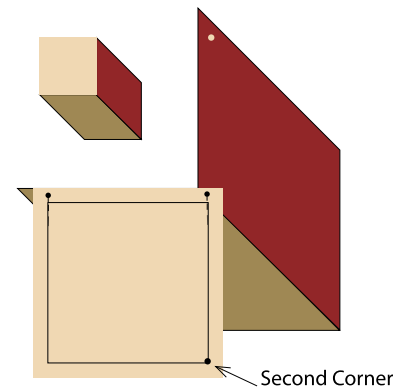
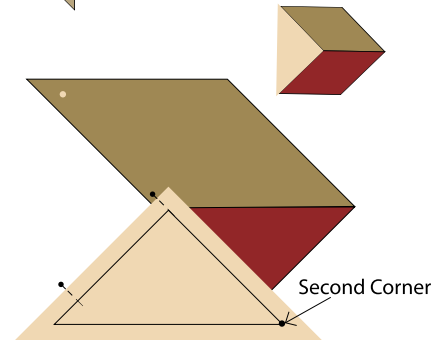
2. Join two halves together. Press center seam open to flatten center.



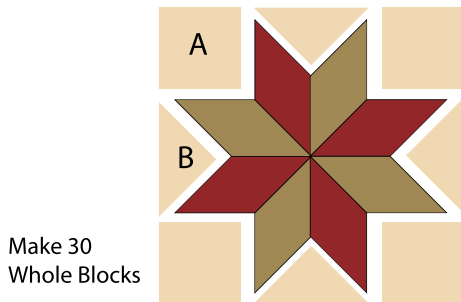
Add Background Pieces to Block – Use Y seam

- For each whole block you will need $4-3\frac{3}{4}'' \times 3\frac{3}{4}''$ corner squares (A) and $4-5\frac{1}{2}'' \times 5\frac{1}{2}''$ quarter cut triangles (B).
- For each half block you will need $1-3\frac{3}{4}'' \times 3\frac{3}{4}''$ corner square (A) and $2-5\frac{1}{2}'' \times 5\frac{1}{2}''$ quarter cut triangles (B) and $2-4\frac{1}{4}'' \times 4\frac{1}{4}''$ half square triangles (C).
- For each pieced corner triangle you will need $1-5\frac{1}{2}'' \times 5\frac{1}{2}''$ quarter cut triangle (B) and $2-4\frac{1}{4}'' \times 4\frac{1}{4}''$ half square triangles (C).

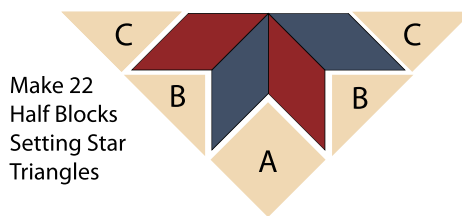
1. With right sides together pin corner of square at diamond V-matching seams.
2. Then pin outside corner of side setting triangle at diamond point. The "ear" of the triangle will extend beyond edge of square.
3. Stitch from center outward.
4. Pivot corner block, pin second corner and stitch again from center outward. Press.
5. Repeat Steps 1-4 to set in corner squares.



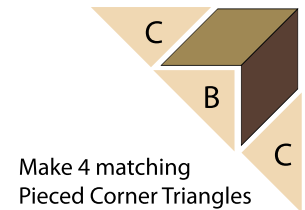
Have questions about Y seams? There are many helpful "how to videos" online.



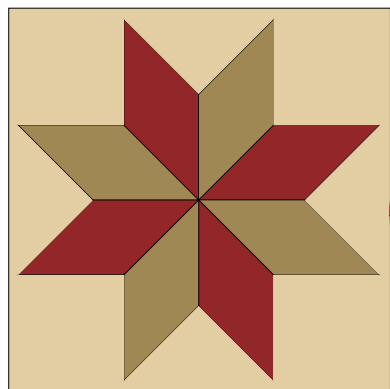
Make 30 Whole Blocks



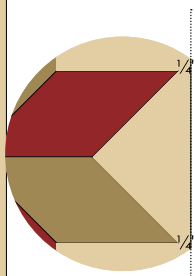
Make 22 Half Blocks
Setting Star
Triangles



Make 4 matching
Pieced Corner
Triangles



Block should measure 10"x10" with seams



Leave 1/4" seam allowance when squaring whole block

Leave 1/4" seam allowance when squaring up corners and setting star triangles.

SQUARE UP BLOCKS

After pressing, square up blocks to measure 10"x10" with seams. Take care to leave a 1/4" seam allowance beyond each diamond point.

CONSTRUCTION – ALTERNATE BLOCKS

Each Square in a Square Alternate Block requires 1 – 10" x 10" Fabric 2 or 3 background square and 4 – 5 1/4" x 5 1/4" Fabric 4 corner squares. Make 21 with Fabric 2 background and 21 with Fabric 3 background.

1. Using a mechanical pencil, draw a diagonal line on the wrong side of all 5" x 5" corner squares.
2. With right sides together align edges of 5" x 5" square and a background square. Note direction of marked line.
3. Stitch on marked line.
4. Trim away middle triangle of fabric leaving a 1/4" seam allowance. *See diagram.* Press triangle toward corner.
5. Repeat on all corners to make one alternate block.

Trim away middle triangle of fabric leaving a 1/4" seam allowance



6. Square up all alternate blocks to measure 10"x10" with seams.

Square in a Square Alternate Blocks

Make 21 with Fabric 2 and 21 with Fabric 3

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Dark - Make 21



Light - Make 21

Blocks should measure 10"x10" with seams

This quilt is pieced on the diagonal. For best results and to avoid confusion, we suggest that you lay out quilt before assembling rows. Refer to quilt image for star block (color) placement.

There are 12 rows. See list below for number of units for each row.

Note: The setting star units (half blocks) and the Pieced Corner Triangle units are slightly oversized.

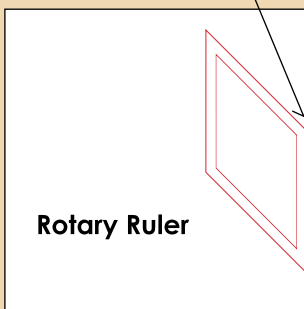
Always press seams toward alternate blocks.

- Row 1:** 2 Setting Star Units, 1 light Alternate Block.
- Row 2:** 2 Setting Star Units, 2 dark Alternate Blocks, 1 Star Block.
- Row 3:** 2 Setting Star Units, 3 light Alternate Blocks, 2 Star Blocks.
- Row 4:** 2 Setting Star Units, 4 dark Alternate Blocks, 3 Star Block.
- Row 5:** 2 Setting Star Units, 5 light Alternate Blocks, 4 Star Block.
- Row 6:** 1 Setting Star Unit , 6 dark Alternate Blocks, 5 Star Block.
- Row 7:** 1 Setting Star Unit , 6 light Alternate Blocks, 5 Star Block.
- Row 8:** 2 Setting Star Units, 5 dark Alternate Blocks, 4 Star Block.
- Row 9:** 2 Setting Star Units, 4 light Alternate Blocks, 3 Star Block.
- Row 10:** 2 Setting Star Units, 3 dark Alternate Blocks, 2 Star Block.
- Row 11:** 2 Setting Star Units, 2 light Alternate Blocks, 1 Star Block.
- Row 12:** 2 Setting Star Units, 1 dark Alternate Block.

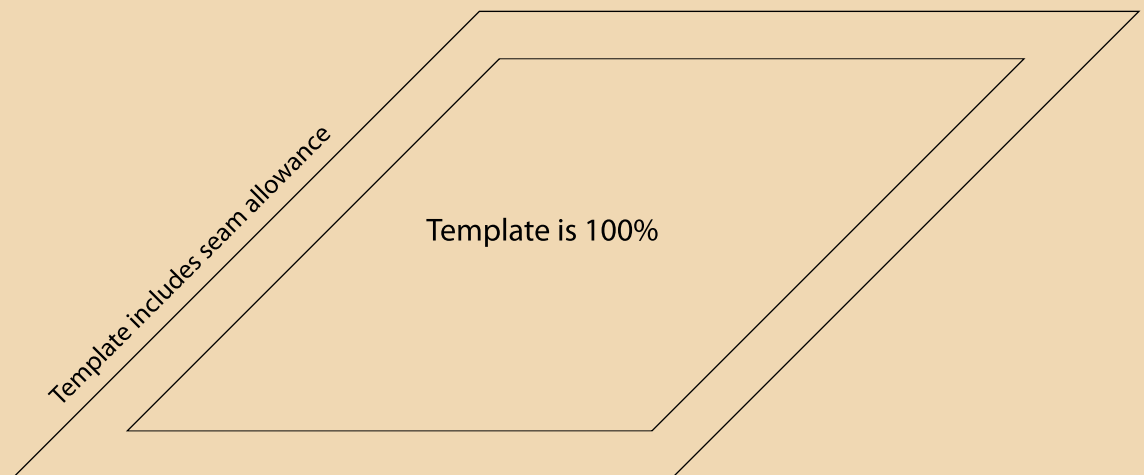
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TIP:

For ease and accuracy when cutting diamonds, align edges and tape template to bottom of your rotary ruler.

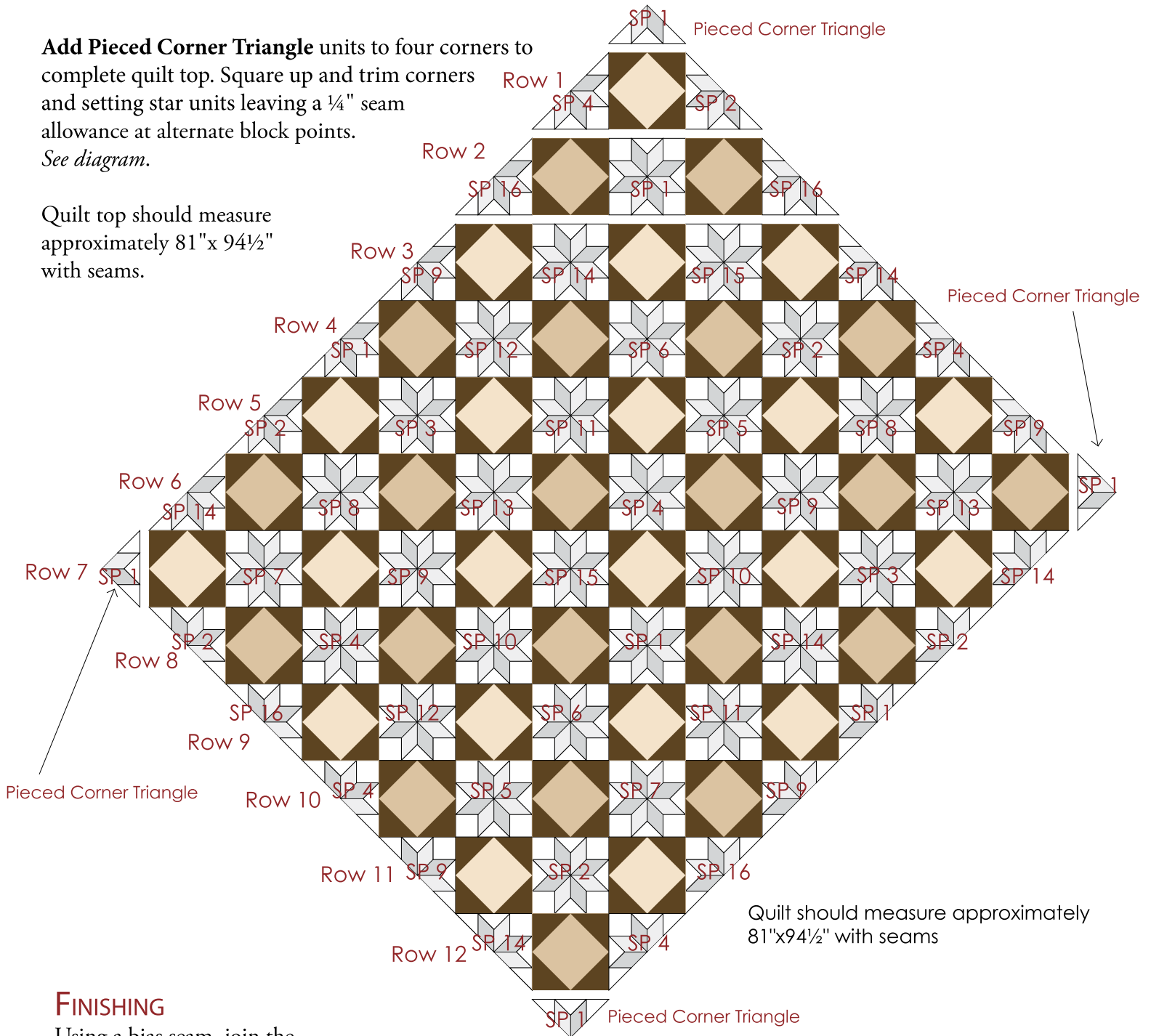


Template



Add Pieced Corner Triangle units to four corners to complete quilt top. Square up and trim corners and setting star units leaving a ¼" seam allowance at alternate block points. See diagram.

Quilt top should measure approximately 81" x 94½" with seams.



Quilt should measure approximately 81" x 94½" with seams

FINISHING

Using a bias seam, join the 9 -2" x WOF strips end to end.

Press seams open. Fold prepared strip in half wrong sides together and press to make the binding.

A special note about the binding...the binding on the antique quilt is a narrow brown twill tape. We have cut our binding a bit narrower in an effort to reproduce the look of the original antique binding.

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Layer, quilt and bind.



The original quilt from the Howard Marcus Collection is an 1830s variable star quilt found in New Jersey.

Supporting the Cause

Proceeds from this collection, *Warmth*, will be donated to *Habitat for Humanity*, whose *Vision* is a world where everyone has a decent place to live.

Fabric Requirements

Fabric 1	3 yds	Fabric 2	2 yds	Fabric 3	1 $\frac{7}{8}$ yds	Fabric 4	3 $\frac{1}{4}$ yds	Fabric 5	$\frac{5}{8}$ yd
46149-11		46141-10		46140-10		46142-13		46149-13	
	Star Background		Alternate Bkgd. 1		Alternate Bkgd. 2		Corner Squares		Binding

One Quarter Yard of Each

Fabric 6	Fabric 7	Fabric 8	Fabric 9
46144-11	46146-10	46149-18	46146-15
Fabric 13	Fabric 16	Fabric 21	Fabric 22
46141-17	46143-10	46149-12	46140-13
Fabric 26		Fabric 12	
46147-12		46145-15	

One Third Yard

Backing: 5 $\frac{5}{8}$ yards

- Skill Level: Intermediate
- Kit yardage may vary from amounts given on this project sheet.

One Eighth Yard of Each

Fabric 10	Fabric 11	Fabric 14	Fabric 15
46145-11	46142-14	46145-21	46146-14
Fabric 17	Fabric 18	Fabric 19	Fabric 20
46142-12	46143-21	46147-10	46145-10
Fabric 23	Fabric 24	Fabric 25	Fabric 27
46144-21	46148-10	46148-25	46144-24
Fabric 28			
46145-13			

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PS46140 — SUGGESTED RETAIL \$6.00

