# Lancaster by Jo Morton 

Finished size: 72"x72"

Quilters Basics
Read instructions before beginning a project. All instructions include a $1 / 4$ " seam allowance.

Press as you go.
WOF = Width of Fabric

Lancaster, this beautiful quilt of rich autumn colors, is pieced and assembled in a unique way - not with typical blocks, but with assorted pieced units that are joined into rows.
For ease of piecing and assembly sort the cut pieces into groups labeled 1-17 for each of the 17 different units needed to complete this quilt. Some units will require cuts from only 1 fabric while other units will require cuts from 3 or 4 different fabrics.

Examples: Fabric 1 is cut into 20-41/2" squares to be used in Unit 5. Place all cut pieces are placed in the Unit 5 group. Fabric 2 is cut into different sizes for use in Units 7 and 16. Place these pieces in Unit 7 and 16 groups respectively. Continue cutting and sorting as you go along.

## Cutting



Fabric 1-38081-13-1/2 yd.

## Used in Unit 5

Cut $3-4 \frac{1}{2} 2^{\prime \prime} \times W O F$ strips
From the strips cut $20-41 / 2^{\prime \prime} \times 41 / 2$ " squares U5


Fabric 2-38081-17-1/2 yd.
Used in Units 7 and 16

## Cut $1-47 / 8^{\prime \prime} \times$ WOF strips

From the strip cut 8 - $47 / 8^{\prime \prime} \times 47 / 8$ " squares U7 Cut $1-4 / \frac{1}{2}$ "xWOF strip
From the strip cut $8-41 / 2 \times 41 / 2$ " squares U16


Fabric 3-38082-19-7/8 yd.
Used in Units 1,3 and 13

## Cut 3 - 2 $1 / 2^{\prime \prime} x W O F$ strips

From 2 strips cut $18-2 \frac{1}{2}$ " $\times 4 \frac{1}{2} 2^{\prime \prime}$ rectangles U3
From the third strip cut $2-21 / 2^{\prime \prime} \times 41 / 2^{\prime \prime}$
rectangles U3 and $4-2 \frac{1}{2} \mathbf{2}^{\prime} \times 2 \frac{1}{2} \mathbf{2}^{\prime \prime}$ squares U1


Fabric 4-38083-11-1/3 yd.
Used in Units 8, 9 and 10
Cut $2-21 / 2$ " $x$ WOF strips
From the strips cut $12-21 / 2^{\prime \prime} \times 41 / 2^{\prime \prime}$ rectangles U9 and $4-2 \frac{1}{2} 2^{\prime \prime} \times 2^{1} / 2^{\prime \prime}$ squares U8
Cut $1-41 / 2$ "xWOF strip
From the strip cut $4-41 / 2^{\prime \prime} \times 41 / 2$ " squares U10


Fabric 5 - 38083-13-1 $1 / 8 \mathrm{yds}$.
Used in Units 11, 12 and 13
Cut 8 - 4 $1 / 2$ "xWOF strips
From the strips cut
16 - $4 \frac{1}{2}$ " $\times 4 \frac{1}{2}$ " squares U11,
$16-4 \frac{1}{2}$ " $\times 4 \frac{1}{2}$ " squares U12 and
16 - $41 / 22^{\prime \prime} \times 8 \frac{1}{2}$ " rectangles U13

Cut $4-4 \frac{1}{2}$ "xWOF strips
From the strips cut $32-41 / 2^{\prime \prime} \times 41 / 2^{\prime \prime}$ squares U13

Fabric 6 - $38083-14-7 / 8 \mathrm{yd}$.
Used in Units 4, 8, 9 and 10
Cut $3-4 \frac{1}{2} 2^{\prime \prime} x W O F ~ s t r i p s$
From the strips cut $20-41 / 2 " \times 41 / 2$ " squares U4,
From the remainder cut $6-27 / 8^{\prime \prime} \times 2^{7} / 8^{\prime \prime}$ squares, U9
Cut 1 - 27/8"xWOF strip
From the strip cut
$4-27 / 8^{\prime \prime} \times 27 / 8^{\prime \prime}$ squares, U8
and $6-27 / 8^{\prime \prime} \times 2^{7 / 8}$ " squares, U9
Cut $4-2 \frac{1}{2} 2^{\prime \prime} x W O F$ strips
From the strips cut $24-21 / 2^{\prime \prime} \times 21 / 2$ " squares U9 and 32 - $21 / 2$ " $\times 21 / 22^{\prime \prime}$ squares U10


Fabric 7-38084-15-FQ
For Unit 14
Cut 4 - 81/2" $x 81 / 2^{\prime \prime}$ squares U14


Fabric 8 - 38084-19-15/8 yds.
Used in Unit 5,8, 15 and Binding
Cut $5-2 \frac{1}{2}$ "xWOF
From the strips cut $40-21 / 2^{\prime \prime} \times 41 / 2^{\prime \prime}$
rectangles U5
Cut 13-2 $1 / 2$ "xWOF
From the 5 strips cut $80-2 \frac{1}{2} 2^{\prime \prime} \times 2 \frac{1}{2} 2^{\prime \prime}$
squares U5
Set the remaining 8 strips aside
for binding
Cut $1-81 / 22^{\prime \prime x W O F}$
From the strip cut
1-81/2"x8½" square U15
and $4-41 / 2 " \times 41 / 2$ " squares U8

Fabric 9-38085-13-3/4 yd.

## For Unit 2

Note: fabric is directional
Cut 5 - 4 $1 / 2$ "xWOF strips
From the strips cut $80-41 / 2^{\prime \prime} \times 21 / 2^{\prime \prime}$ rectangles U2


Fabric 10-38086-15-1 $1 / 2$ yds.
Used in Unit 2, 4, 5, 11, 17
Note: fabric is directional
Cut 15 - $2 \frac{1}{2}$ "xWOF strips
From the strips cut $240-21 / 2^{\prime \prime} \times 21 / 2^{\prime \prime}$ squares ( 80 each for U2, U4 and U5)
Cut 1 - $41 / 2^{\prime \prime}$ "xWOF
From the strip cut $8-41 / 2^{\prime \prime} \times 41 / 2$ " squares U17
Cut 1 - $81 / 2$ "xWOF
From the strip cut $4-81 / 2^{\prime \prime} \times 8 \frac{1}{2}$ " squares U11


Fabric 11-38087-12-25/8 yds.
Used in Units 1, 2, 3, 6, 7, 8, 9, 10, 12, 16 and 17
Cut 17 - 2 $1 / 2$ "xWOF strips
From 6 strips cut $48-2 \frac{1}{2} 2^{\prime \prime} \times 41 / 2^{\prime \prime}$ rectangles (20) for U3,
(12) for U9, and (16) for U10

From the 11 remaining strips cut $168-2 \frac{1}{2} 2^{\prime \prime} \times 2 \frac{1}{2} 2^{\prime \prime}$ squares
(4) U1, (80) U2, (40) U3, (4) U8, (24) U9, and (16) U10

Cut 3 - $27 / 8^{\prime \prime} \times$ WOF strips
From the strips cut a total of $40-27 / 8^{\prime \prime} \times 2^{7 / 8} 8^{\prime \prime}$ squares
(4) U1, (20) U3, (4) U8 and (12) U9

Cut 6-41/2"xWOF strips
From 4 strips cut a total of $16-4 \frac{1}{2} 2^{\prime \prime} \times 8 \frac{1}{2} 2^{\prime \prime}$ rectangles
(8) U12, (4) U16 and (4) U17

From the 2 remaining strips cut
$16-4 \frac{1}{2} 2^{\prime \prime} \times 4 \frac{1}{2} 2^{\prime \prime}$ squares U6
Cut 1 - $47 / 8^{\prime \prime} x$ WOF strips
From the strip cut $8-47 / 8^{\prime \prime} \times 47 / 8^{\prime \prime}$ squares U7


Fabric 12-38088-16-1/2 yd. Used in Units 1 and 3

Cut $3-21 / 2$ "xWOF strips
From the strips cut a total of $40-2 \frac{1}{2} 2^{\prime \prime} \times 21_{2} 2^{\prime \prime}$ squares for U3
Cut 2 - $2^{7} / 8^{\prime \prime} \times W$ OF strips
From the strips cut a total of $24-27 / 8^{\prime \prime} \times 2^{7} / 8^{\prime \prime}$ squares
(4) U1 and (20) U3


## Piecing Techniques

All of the units for this quilt are made using one or all of the following piecing techniques. Follow the directions on this page as you piece the units.
The fabrics used and the quantity of cuts needed are listed with piecing diagrams for each unit.
Note: The dimensions given in the steps here are examples only. Use the pieces from each labeled group as you sew the numbered units.

Unit 1 - Make $4-41 / 2^{\prime \prime} \times 4^{1 / 2 "}$ with seams Use F3, F11, F12


Make 4

## Flying Geese

For Units 3, 5, 9, 10, 12, 13, 16, 17
(A) Using a mechanical pencil draw a diagonal line on the wrong side of the $2 \frac{1}{2}$ " squares.
(B) With right sides together align edges and stitch one $2 \frac{1}{2}$ " square on the diagonal to $1-41 / 2^{\prime \prime} \times 2 \frac{1}{2} 2^{\prime \prime}$ background rectangle. On the outside edge of the sewn line trim away the bottom of the square leaving a $1 / 4$ " seam allowance. Do not trim away the background rectangle. Press to the corner to form a triangle. Add another marked $21 / 2$ " square to the opposite side of the rectangle. Stitch, trim and press as before .


Makes 1

## Stitch'n Flip Corners

## For Units 2, 4, 5, 11

(A) Using a mechanical pencil draw a diagonal line from corner to corner on the wrong side of the $2 \frac{1}{2}$ " squares.
(B) With right sides together align edges and stitch one $21 / 2^{\prime \prime}$ square on the diagonal to $1-41 / 2^{\prime \prime} \times 41 / 2^{\prime \prime}$ square. On the outside edge of the sewn line trim away the bottom of the smaller square only leaving a $1 / 4$ " seam allowance. Do not trim away the background square. Press to the corner to form a triangle.
Repeat steps to add additional corners to the background square as directed in the unit construction.


Half Square Triangles-HSTs
For Units 1, 3, 7, 8, 9

(C) Stitch a scant $1 / 4$ " on opposite sides of marked line. Cut on marked line.
(B) With right sides together align edges.

(D) Press toward darker triangle.

Trim units to measure $2 \frac{1}{2}$ " with seams.

$\longleftrightarrow$ Press seam open $\nearrow$ Press toward arrow
Unit 1 - Make $4-41 / 2^{\prime \prime} \times 4 \frac{1}{2}$ " with seams Use Fabrics F3, F1 1, F12 Used in Row 1

Make 8 HSTs and 8 squares.

Make 4.

Unit 2 - Make $40-4 \frac{1}{2} 2^{\prime \prime} \times 4^{1 / 2} 2^{\prime \prime}$ with seams
Use Fabrics F9, F10, F11 Used in Rows 1, 2, 3B Left, 3B Right, 4 and 6


Unit 3 - Make $20-4 \frac{1}{2} \times{ }^{\prime \prime} \times 8^{1 / 2}$ with seams

Use Fabrics F3, F11, F12
Used in Rows 1, 3, 5 and 7


Make 40 HSTs and 20 Flying Geese.


Make 20.

Unit 4 - Make $20-4^{1 / 2} 2^{\prime \prime} \times 4^{1 / 2} 2^{\prime \prime}$ with seams
Use Fabrics F6, F10 Used in Rows 2, 4 and 6


Unit 5 - Make $20-4^{1 / 2} 2^{\prime \prime} \times 8^{1 / 2} 2^{\prime \prime}$ with seams
Use Fabrics F1, F8, F10 Used in Rows 2, 3, 5 and 7


Uses Stitch ' $n$ Flip Corners and Flying Geese Make 20 units.
Make 20 center squares and
40 flying geese. Note: 110 is directional.
Unit 6 - Need $16-4 \frac{1}{2} 2^{\prime \prime} \times 4^{1 / 2} 2^{\prime \prime}$ with seams
Use Fabric F11-no piecing Used in Rows 4 and 6


Unit 7 - Make 16-41/2" $\times 4^{1 / 2} 2^{\prime \prime}$ with seams
Use F2, Fll
Used in Rows 3C Left, 3C Right, 4 and 6

Make 16 HSTs.

Unit 8 - Make $4-4^{1} / 2^{\prime \prime} \times 81 / 2^{\prime \prime}$ with seams
Use F4, F6, F8, F1 1
Used in Rows 3C Left and 3C Right


Unit 9 - Make 12-41/2"x $8^{1 / 2} 2^{\prime \prime}$ with seams
Use F4, F6, F11
Used in Rows 3B Left, 3B Right and 5


Make 12.
Requires 24 HSTs, 12 Flying Geese, and 24 squares.

Unit 10 - Make $4-8 \frac{1 / 2}{}{ }^{\prime \prime} \times 8 \frac{1}{2} 2^{\prime \prime}$ with seams
Use F4, F6, F11
Used in Rows 3A and 7


## $=$



Make 4

Requires 16 Flying Geese, 16 corner squares and 4 center squares.


Unit 11 - Make $4-8^{1 / 2} 2^{\prime \prime} \times 8^{1 / 2} 2^{\prime \prime}$ with seams Use F5, F10

Used in Rows 5 and 7


Make 4.
Unit 12 - Make $8-4 \frac{1}{2} 2^{\prime \prime} \times 8^{1 / 2} 2^{\prime \prime}$ with seams
Use F5, F1 1
Used in Rows 3C Left, 3C Right and 5


Flying Geese
Requires 16 squares and 8 rectangles

Unit 13 - Make 16-41/2" $\times 8 \frac{1}{2}$ " with seams Use F3, F5

Unit 14 - Need $4-8 \frac{1}{2} 2^{\prime \prime} \times 8^{1 / 2} 2^{\prime \prime}$ with seams Use F7- no piecing Used in Row 5


Unit 15 - Need $1-8 \frac{1}{2} 2^{11} \times 8 \frac{1}{2} 2^{\prime \prime}$ with seams Use F8-no piecing Used in Row 7


Flying Geese
Make 16.

Requires 32 squares and 16 rectangles.
NOTE: Fabric is directional.

Unit 16 - Make $4-4^{1 / 2} 2^{\prime \prime} \times 8 \frac{1}{2} / 2^{\prime \prime}$ with seams Use F2, F1 1


Requires 8 squares and 4 rectangles.

Unit 17 - Make 4-412" $\times 8 \frac{1}{2} / 2^{\prime \prime}$ with seams
Use F10, Fll Used in Rows 6 and 7


Requires 8 squares and 4 rectangles.

## Quilt Assembly

1. After piecing the units, sort them into groups as needed for each row...ROW 1, ROW 2, etc.
2. Refer to diagrams on page 6 to assemble each row. Refer to Row 3 instructions below. Make 2 each of rows 1-6. Press seams open.
3. Make 1 Row 7. Press seams open.

Step 1- Assemble 3B-Left and Right and 3C-Left and Right units first. Join 3B Left and 3C Left together. Press seam open. Repeat with 3B Right and 3C Right.
Step 2-Sew units 3 and 5 together to make 3A units. Press seams open.
Step 3 - Combine units from Steps $1 \& 2$ to complete 2 Row 3s. Press seams open.

4. Stitch 2 sets of Rows 1-6. Press seams open.
5. Add Row 7 in numerical order to 1 set of Row 6 . Press seams open.
6. Rotate second set of Rows 1-6 and stitch Row 6 to the bottom of Row 7 to complete the quilt. Press seams open.

Quilt top should measure $721 / 2^{\prime \prime} \times 721 / 2^{\prime \prime}$ with seams.

## Finishing

1. Using a diagonal seam, join binding strips end to end. Press seams open. Fold prepared strip in half wrong sides together and press to make the binding.
2. Layer, Quilt, and Bind


Quilt Assembly (cont.)
Make 2 each of Rows 1-6 and 1 Row 7


## Fabric Requirements



Backing - 5½ yds.

## Expect nothing and appreciate everything.

