

# Bonnie Hunter's *celtic solstice* mystery



## *Clue # 5*

### *Welcome back!*

We are using Bonnie's Celtic Solstice mystery to teach Inklingo techniques. Let's take the mystery out of printing on fabric and learn the new techniques Inklingo makes possible!

Our best tips for Printing on Fabric are in Clue # 1. You can download it from the All About Inklingo blog.

All of the shapes are printed from the **Celtic Solstice Shape Collection** and it is at a special sale price for a limited time.

### *TO PRINT OR NOT TO PRINT?*

We think you will love the way we sew Birds in the Air (Beyer 56-6) whether you sew by hand or by machine and whether you (1) print all of the shapes on fabric with Inklingo, (2) print some of the shapes on fabric with Inklingo, or (3) use Inklingo without printing any of the shapes on fabric!

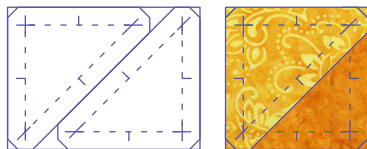
### *BIRDS IN THE AIR*

As usual, using Inklingo to print some of the shapes on fabric for Birds in the Air eliminates measuring (and mistakes), and allows you to stitch stretchy bias seams before they are cut, giving perfect results more easily, without distortion. Making 2 blocks at a time is faster and more accurate than sewing individual triangles.

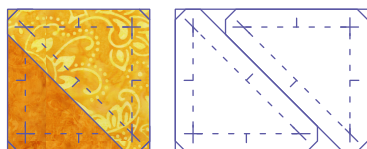
# Clue # 5



I could hardly wait to show you Clue # 5.



One-page guide on page 3.



One-page guide on page 4.

The Inklingo method of sewing 2 Birds in the Air blocks at a time by machine is *faster and more accurate* than sewing individual triangles!

- perfect for scraps
- minimal printing
- no math (All you need to know is the finished size.)
- no drawing lines on fabric
- cut rectangles instead of individual triangles
- sew stretchy bias seams before they are cut

The two one-page guides on pages 3 and 4 are identical except for the angle between the HST in each rectangle (left).

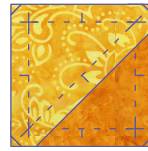
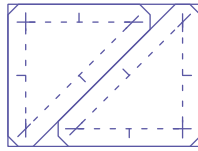
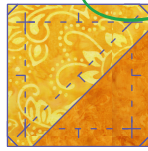
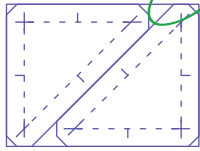
Some of the rectangles in Layout 2 have the diagonal line between the two triangles going up to the right and some going down to the right (mirror image).

Sort the 1.5 inch HST in rectangles into two piles. The two rows of 1.5 inch HST for each block must be identical.

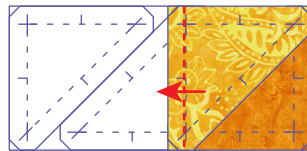
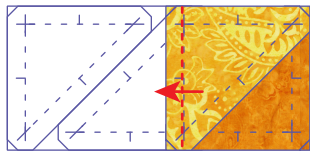
You could probably sew everything correctly without two separate one-page guides, but Monkey insisted on two because you might be tired after all the holiday celebrations. The finished Birds in the Air blocks are identical no matter which way the angle is oriented in the pairs of triangles.

If you rotary cut and machine piece, you will only print the 1.5 inch HST for this clue, not the 3 inch HST.

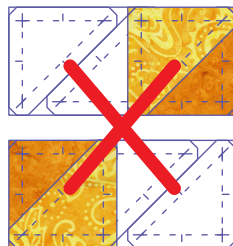
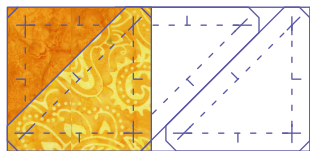
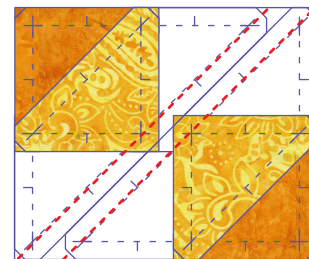




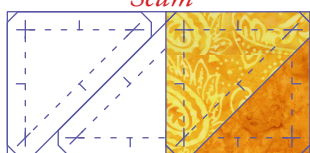
Start with - 2 pairs of neutral HST 1.5 inch printed with Layout 2 (rectangles)  
 - 2 yellow/orange Sawtooth Squares sewn in Clue # 3  
 - 1 dark blue rectangle 3.5 x 4.25 inches (unprinted)



1. Sew two identical rows and press toward the pair of neutral HST. Sew a scant 0.25 inch seam, as illustrated.



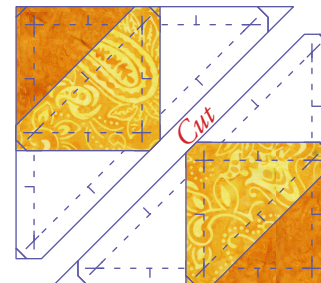
*Ooops!*



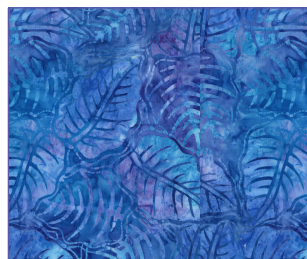
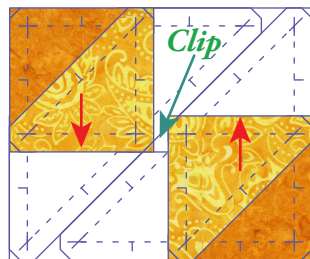
2. Turn the top row as shown, layer right sides together and join the rows with a scant 0.25 inch seam.

*Notice that the diagonal lines go in the same direction and the orange triangles are on the corners.*

4. Sew the two diagonal seams. Stitch a scant 0.25 inch seam allowance to avoid blunting the points on the yellow triangles.

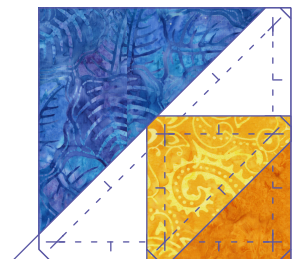
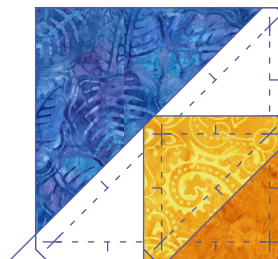


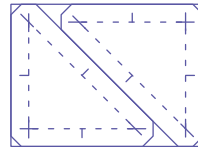
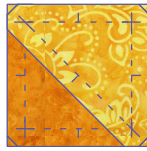
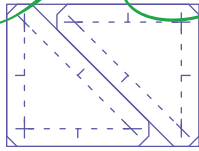
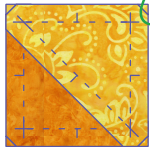
5. Cut between the stitched lines with a rotary cutter or scissors to separate two Birds in the Air blocks.



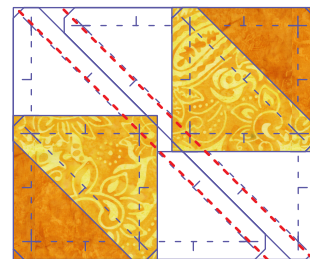
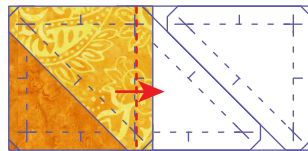
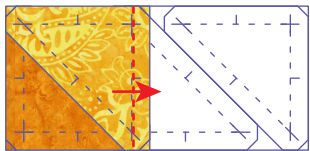
3. Clip the seam allowance in the gap between the yellow triangles and press as shown. Layer right sides together with the dark blue rectangle (unprinted).

6. Press toward the large triangle and trim the dog ears. Each Birds in the Air is 3.5 x 3.5 (3 inches finished). *Always use a hot, DRY iron.*

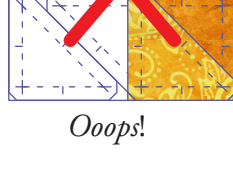
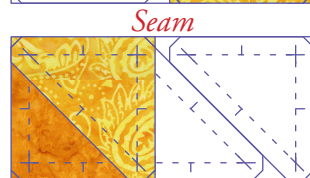
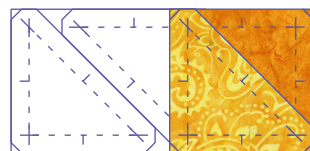




Start with - 2 pairs of neutral HST 1.5 inch printed with Layout 2 (rectangles)  
 - 2 yellow/orange Sawtooth Squares sewn in Clue # 3  
 - 1 dark blue rectangle 3.5 x 4.25 inches (unprinted)



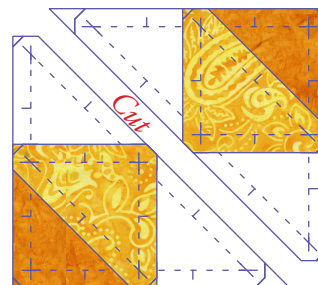
1. Sew two identical rows and press toward the pair of neutral HST. Sew a scant 0.25 inch seam, as illustrated.



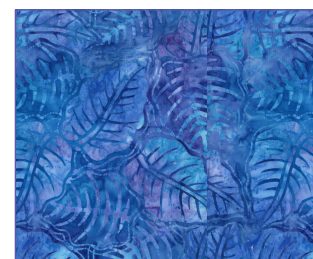
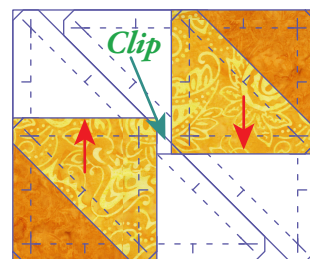
2. Turn the top row as shown, layer right sides together and join the rows with a scant 0.25 inch seam.

*Notice that the diagonal lines go in the same direction and the orange triangles are on the corners.*

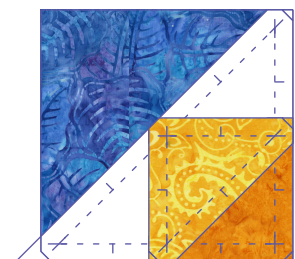
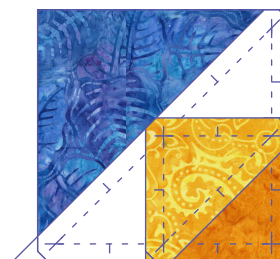
4. Sew the two diagonal seams. Stitch a scant 0.25 inch seam allowance to avoid blunting the points on the yellow triangles.



5. Cut between the stitched lines with a rotary cutter or scissors to separate two Birds in the Air blocks.



3. Clip the seam allowance in the gap between the yellow triangles and press as shown. Layer right sides together with the dark blue rectangle (unprinted).



6. Press toward the large triangle and trim the dog ears. Each Birds in the Air is 3.5 x 3.5 (3 inches finished).

*Sew immediately beside the line  
in the seam allowance.*

## Clue # 5



### ASSEMBLY BY MACHINE

Sew immediately beside the stitching line for an accurate *scant quarter inch* seam allowance.

If you use a machine with a walking foot and line up the edges, there is no need to pin.

Use an open toe foot and move the needle position so you can see well, if possible.

Wear reading glasses or a special prescription so you can see clearly at this distance. (Tell your optometrist how far you are sitting from the needle.)



### BEST TIPS

Print the 3 inch HST Layout 2 on scrap paper (left) to check the accuracy of the rectangle formed in steps 2 and 3 on the one-page guide.

Sew one block before you start a chain piecing marathon. Measure to be sure the finished block is exactly 3.5 x 3.5 (unfinished). If not, adjust your scant quarter inch seam when you sew the rest. Your block will be too small if you sew ON the line.



# Clue # 5



## CUTTING RECTANGLES

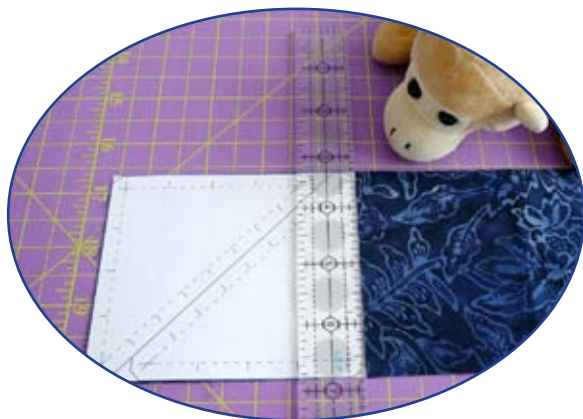
You can print the HST 3 inch with Layout 2 and cut the rectangles apart with scissors, if necessary.

However, if you are machine piecing, you do not need sewing lines on the large rectangles, so you can rotary cut 3.5 inch strips into 4.25 inch rectangles without printing.

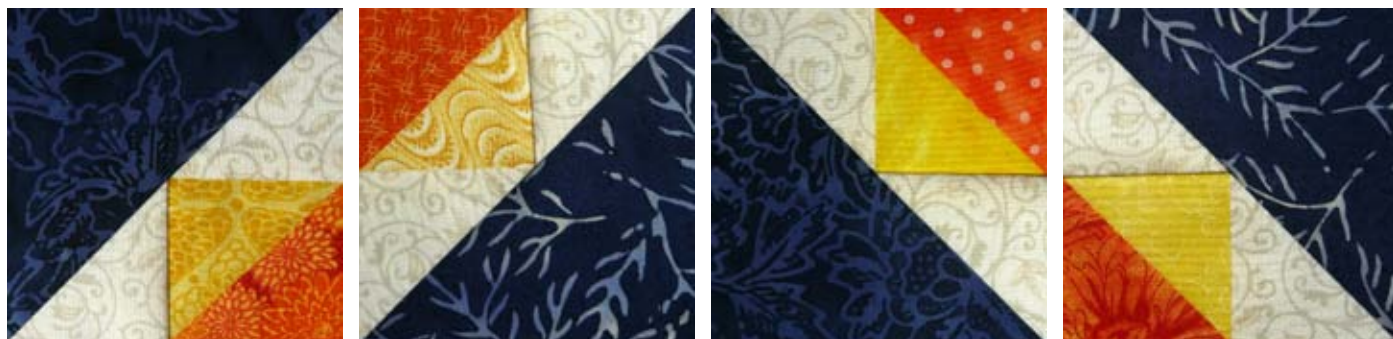
Position a piece of painter's tape (green, above) on the 3.5 inch line to make it easier and faster to cut accurate 3.5 inch strips.

You can use the same technique to mark 4.25 inches on the ruler to cut the rectangles, or you can print HST 3 inch Layout 2 on scrap paper and tape it to the underside of any ruler (left). Cut several layers at a time.

**SCRAPPY TIP** It is possible to print on narrow strips and tiny scraps (Top Ten Tutes on the All About Inklingo blog), but it takes longer. Mix the scrappy Sawtooth Squares from Clue # 3 with different fabrics for the large unprinted rectangles to get maximum variety.

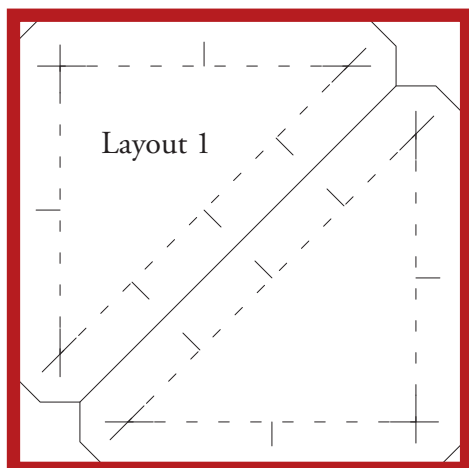


*Rotary cut rectangles instead of printing and cutting 3 inch HST!*

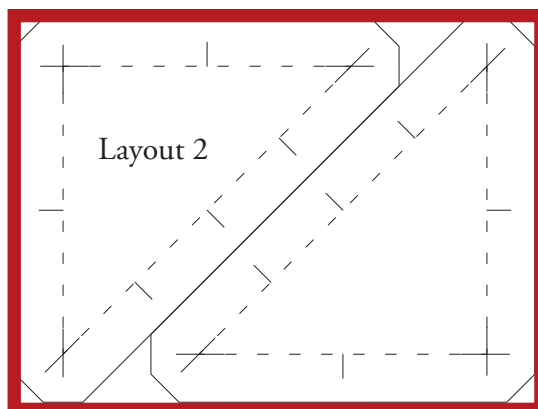


# TWO LAYOUTS

A quick peek at the Inklingo layouts for HST.



*HST ARRANGED IN SQUARES*



*HST ARRANGED IN RECTANGLES*

Inklingo triangles are often provided in two formats.

- HST are usually provided in squares and rectangles (above)
- QST are usually provided in squares and in rows

*For Birds in the Air in Clue # 5, print HST arranged in rectangles (Layout 2).* For the Chevrons in Clue # 2 and for Flying Geese, it is necessary to use Layout 1 (HST in squares) and for the Pinwheels in Clue # 3 you can use whichever layout uses scraps most efficiently, but for Birds in the Air, use Layout 2.

If you are hand piecing, you will want to print all of the shapes on fabric, but if you are machine piecing, you only need to print the HST 1.5 inch and layer with unprinted rectangles.

There is a free Triangle Tips PDF under the Machine Piecing tab on [inklingo.com](http://inklingo.com).

This method of sewing Birds in the Air is illustrated for larger blocks with more triangles (birds) in *The Inklingo Handbook*. It is full of our best tips!



# Clue # 5

## Print Checklist

- ✓ fabric washed
- ✓ FP ironed on right side of fabric
- ✓ pressed with a hot, dry iron on both sides
- ✓ no loose threads
- ✓ inserted to print on fabric side
- ✓ current page
- ✓ page scaling "none"
- ✓ custom size
- ✓ a glance at the Preview window
- ✓ click print



## inklingo CHEAT SHEET

### CELTIC SOLSTICE 75 x 75 – MAKE 100 BIRDS IN THE AIR

We usually use **Monkey's Cheat Sheet** to summarize the printing ([example on website](#)) but this is a mystery, so the Cheat Sheet is a little different. The evidence is revealed a bit at a time.

The diagrams show how to position the FP on the fabric to make good use of yardage and there are notes for printing on scraps. There are alternatives to printing every shape.

**NOTE** Use the 100 yellow/orange Sawtooth Squares left over from Clue # 3.

Hand piecing: Print all the shapes.

Machine piecing: Print the HST 1.5 inch (Layout 2). It is important to use Layout 2 so the HST are printed in rectangles, not in squares. It is not necessary to print the HST 3 inch. Rotary cut 50 rectangles 3.5 x 4.25 inch instead (page 6).

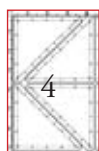
Fabric/Shape	#	Suggested FP Size	Other FP Sizes?	Illustrated on Layout Diagram (next pages)	Notes
<u>Red (Bonnie's Blue)</u>					
HST 3 inch	100	4.75 x 7.75 P	p 39	1 sheet (4)	} IMPORTANT LAYOUT 2
		7.5 x 9.25 L	p 39	12 sheets (96)	
<u>Vellum (Bonnie's Neutral)</u>					
HST 1.5 inch	200	2.5 x 11.75 L	p 33	1 sheet (8)	} IMPORTANT LAYOUT 2
		8.5 x 11.75 L	p 33	6 sheets (192)	

# Clue # 5

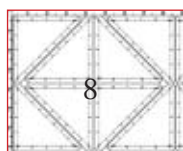
*Red (Bonnie's Dark Blue)*



75 x 75 - 2.25 yards  
100 HST 3 inch



4.75 x 7.75  
Portrait

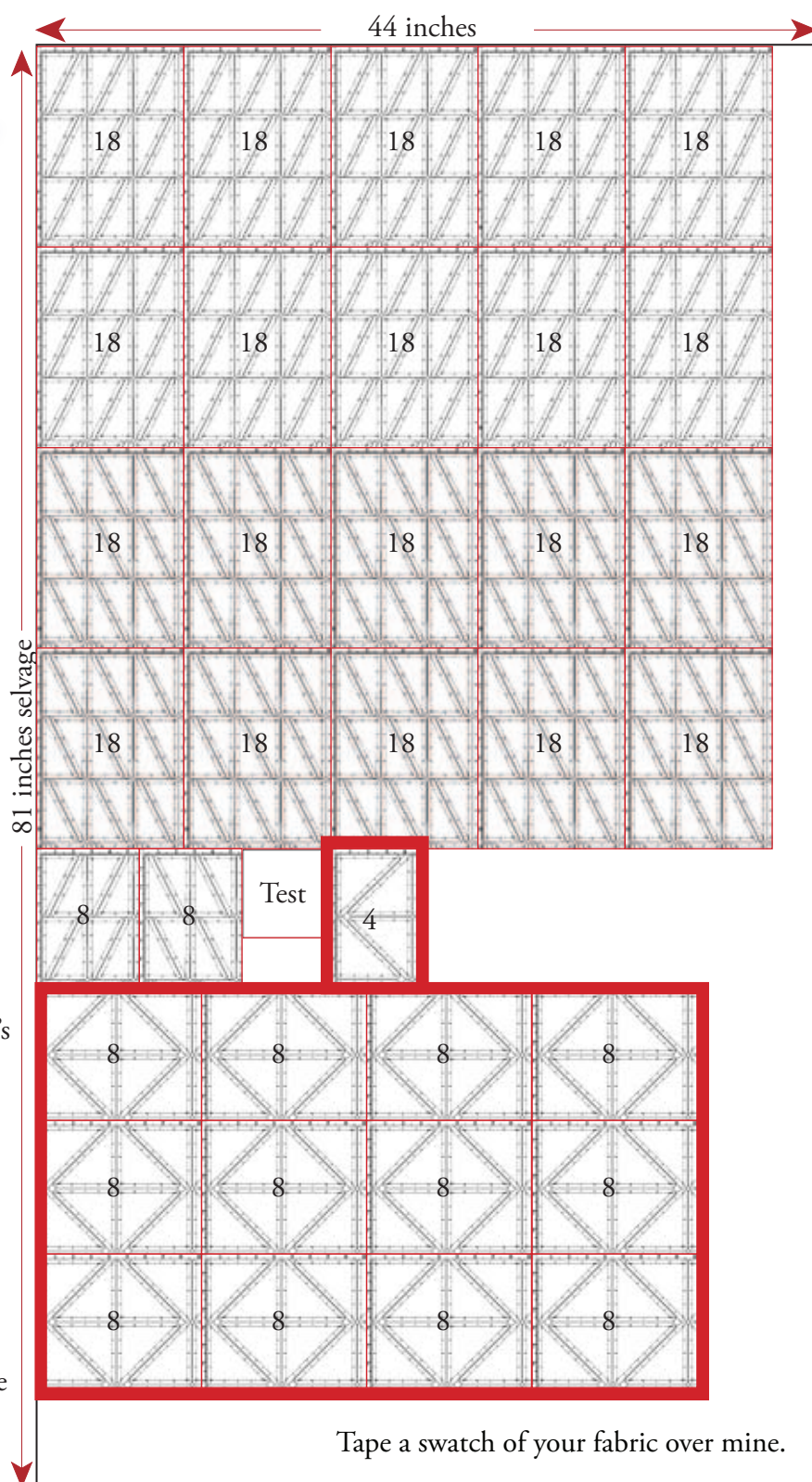


7.5 x 9.25  
Landscape

This diagram shows the layout which makes the best use of yardage for Bonnie's 75 x 75 version.

If you are hand piecing, print the shapes outlined by the red boxes. The shapes above the red boxes were printed in Clue # 1.

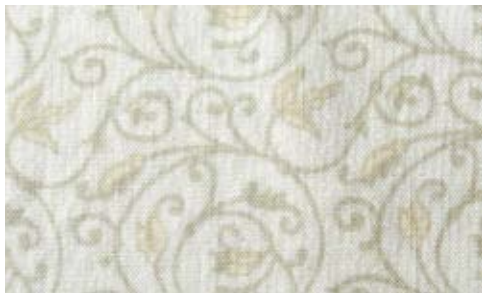
If you are machine piecing, it is not necessary to print these triangles. Cut 50 rectangles 3.5 x 4.25 as described on page 6 and follow the steps on the one-page guide.



This shows an efficient layout if you are using yardage to prepare the shapes in the Cheat Sheet. If you are using scraps, use the Suggested Custom Page Sizes for Layout 2 which use the fabric most efficiently (page 39).

# Clue # 5

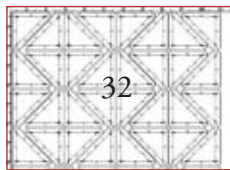
*Vellum (Bonnie's Neutral)*



75 x 75 - 2 yards  
200 HST 1.5 inch



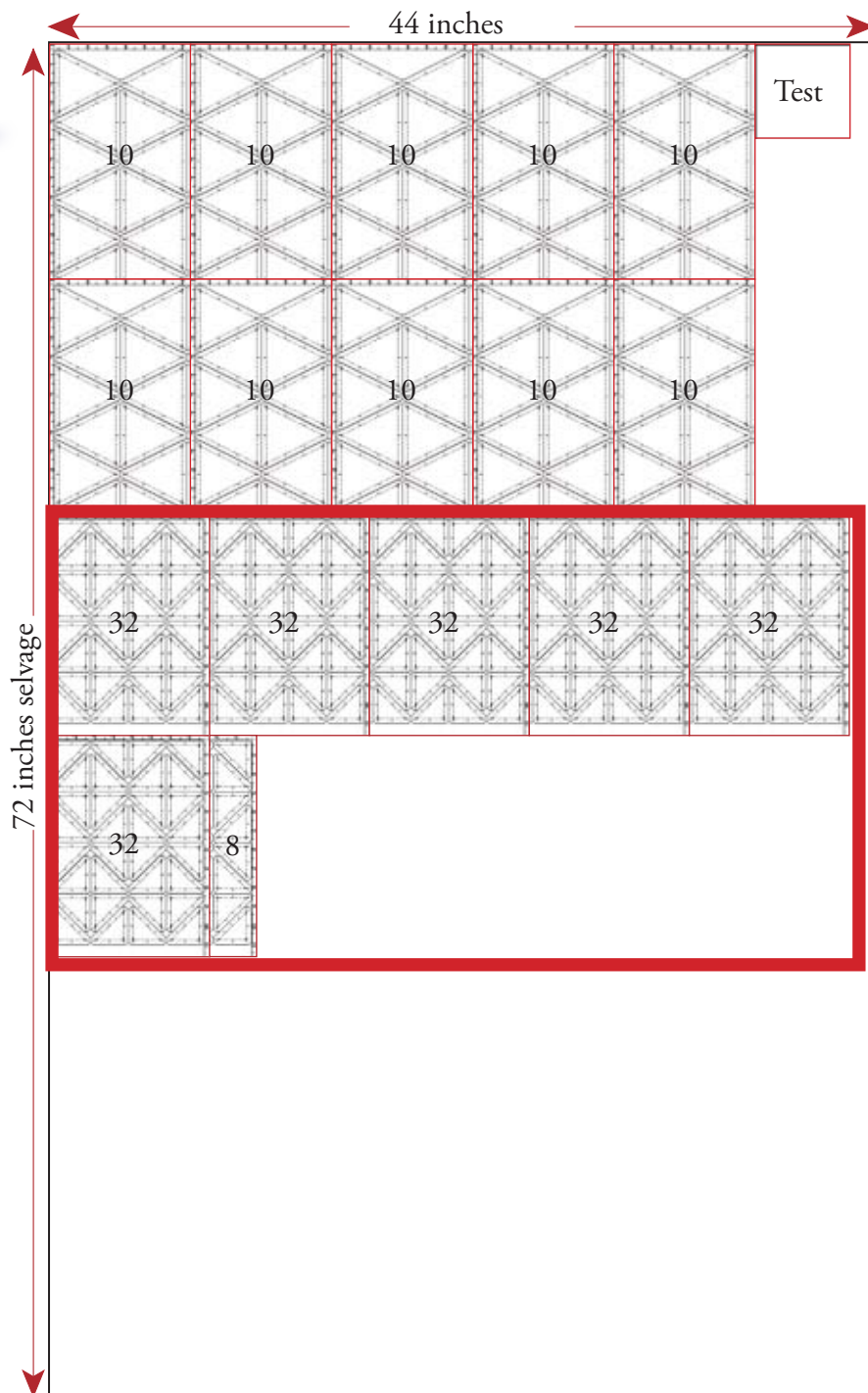
2.5 x 11.75  
Landscape



8.5 x 11.75  
Landscape

This diagram shows the layout which makes the best use of yardage for Bonnie's 75 x 75 version.

Print the shapes outlined by the red box. The shapes above the red box were printed in Clue # 1.



TIP Tape a swatch of your fabric over mine.

This shows an efficient layout if you are using yardage to prepare the shapes in the Cheat Sheet. If you are using scraps, use the Suggested Custom Page Sizes for Layout 2 which use the fabric most efficiently (page 33).

# Clue # 5

## Print Checklist

- ✓ fabric washed
- ✓ FP ironed on right side of fabric
- ✓ pressed with a hot, dry iron on both sides
- ✓ no loose threads
- ✓ inserted to print on fabric side
- ✓ current page
- ✓ page scaling "none"
- ✓ custom size
- ✓ a glance at the Preview window
- ✓ click print



## inklingo CHEAT SHEET

### CELTIC SOLSTICE 111, x 111 – MAKE 244 BIRDS IN THE AIR

We usually use **Monkey's Cheat Sheet** to summarize the printing ([example on website](#)) but this is a mystery, so the Cheat Sheet is a little different. The evidence is revealed a bit at a time.

The diagrams show how to position the FP on the fabric to make good use of yardage and there are notes for printing on scraps. There are alternatives to printing every shape.

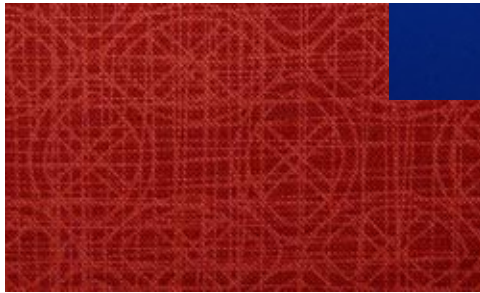
**NOTE** Use the 244 yellow/orange Sawtooth Squares left over from Clue # 3.  
Hand piecing: Print all the shapes.

Machine piecing: Print the HST 1.5 inch (Layout 2). It is important to use Layout 2 so the HST are printed in rectangles, not in squares. It is not necessary to print the HST 3 inch. Rotary cut 122 rectangles 3.5 x 4.25 inch instead (page 6).

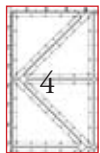
Fabric/Shape	#	Suggested FP Size	Other FP Sizes?	Illustrated on Layout Diagram (next pages)	Notes
<u>Red (Bonnie's Blue)</u>					
HST 3 inch	244	4.75 x 7.75 P	p 39	1 sheet (4)	} IMPORTANT LAYOUT 2
		7.5 x 9.25 L	p 39	30 sheets (240)	
<u>Vellum (Bonnie's Neutral)</u>					
HST 1.5 inch	488	2.5 x 11.75 L	p 33	1 sheet (8)	} IMPORTANT LAYOUT 2
		8.5 x 11.75 L	p 33	15 sheets (480)	

# Clue # 5

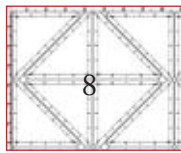
*Red (Bonnie's Dark Blue)*



111 x 111 - 4.5 yards  
244 HST 3 inch



4.75 x 7.75  
Portrait



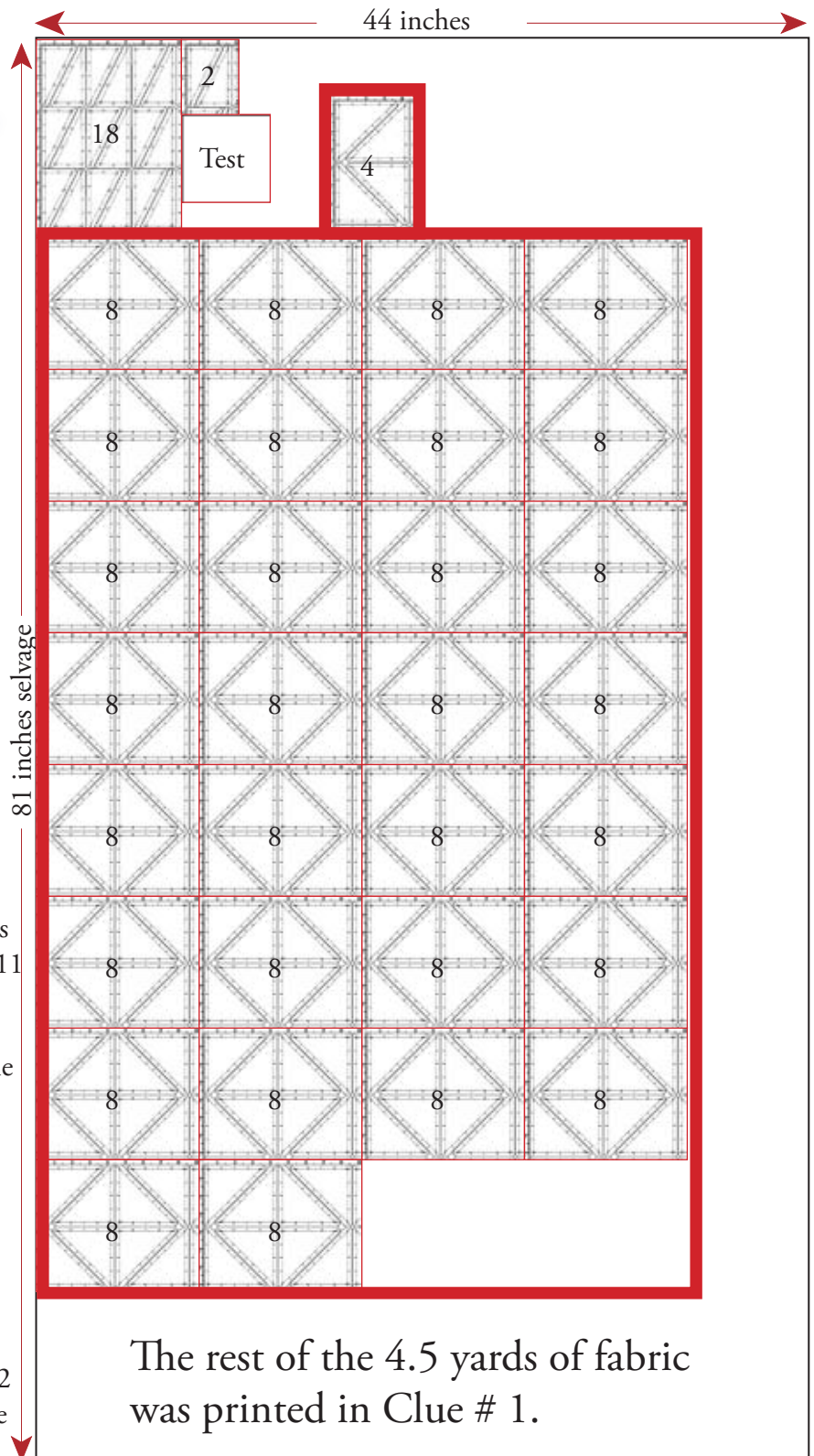
7.5 x 9.25  
Landscape

This diagram shows a layout which makes good use of yardage for Bonnie's 111 x 111 version.

This diagram only shows 2.25 yards of the 4.5 yards required.

If you are hand piecing, print the shapes outlined by the red boxes. The shapes above the red boxes were printed in Clue # 1.

If you are machine piecing, it is not necessary to print these triangles. Cut 122 rectangles 3.5 x 4.25 as described on page 6 and follow the steps on the one-page guide.

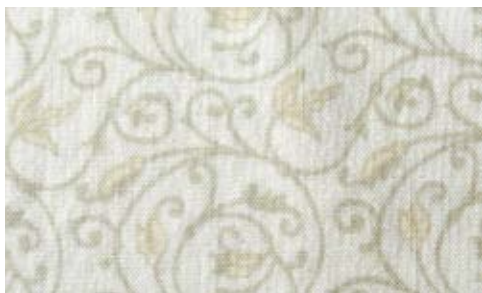


The rest of the 4.5 yards of fabric was printed in Clue # 1.

This shows an efficient layout if you are using yardage to prepare the shapes in the Cheat Sheet. If you are using scraps, use the Suggested Custom Page Sizes for Layout 2 which use the fabric most efficiently (page 39).

# Clue # 5

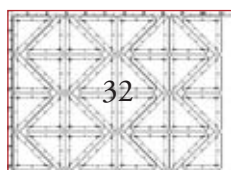
*Vellum (Bonnie's Neutral)*



111 x 111 - 4.25 yards  
488 HST 1.5 inch



2.5 x 11.75  
Landscape

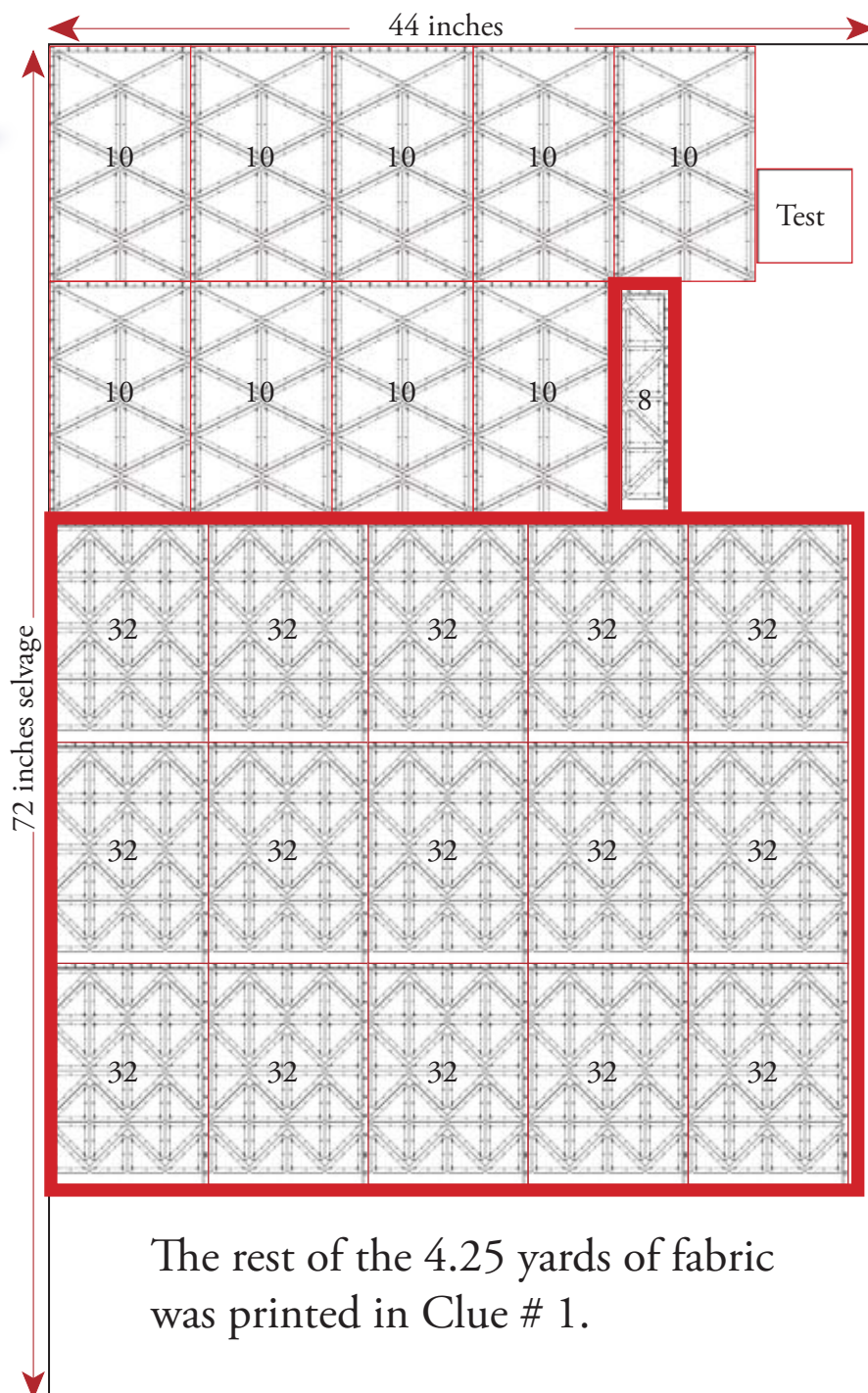


8.5 x 11.75  
Landscape

This diagram shows a layout which makes good use of yardage for Bonnie's 111 x 111 version.

This diagram only shows 2 yards of the 4.25 yards required.

Tape a swatch of your fabric over mine.



This shows an efficient layout if you are using yardage to prepare the shapes in the Cheat Sheet. If you are using scraps, use the Suggested Custom Page Sizes for Layout 2 which use the fabric most efficiently (page 33).