

# STEP 1 - PLAN THE QUILT AND DESIGN THE BLOCKS

## Decisions

Size of Block \_\_\_\_\_

Size of Units \_\_\_\_\_

Number of Fabrics \_\_\_\_\_

Number of Blocks \_\_\_\_\_

Layout \_\_\_\_\_

Sashing \_\_\_\_\_

Borders \_\_\_\_\_

Size of Quilt \_\_\_\_\_

Sketch Block 1 and Color


Sketch Block 2 and Color


## STEP 2 - CALCULATE NUMBER OF UNITS

Study the blocks on the previous worksheet and count each type of unit. QSTs that have mirror versions can be counted together - just note that half are mirror. These will all be made from the same sheet so we calculate them together. Also note which are the small triangle fabrics. Each line of a given type gets transferred to the appropriate Worksheet.

Unit Type	Size	Fabric					Qty	Notes
		A	B	C	D	E		
Compare total of this column to #of Blocks x Units/block								

## STEP 3 - CALCULATE YARDAGE FOR EACH TYPE OF UNIT

### HST Calculations

	# of Units	Size	Units every 2 strips	Strip Length	Strip Width	# of Strips per Fabric	Linear Inches	(round up to nearest 1")				
								Fabric				
								A	B	C	D	E
Ex.	50	3-1/2"	15	42	3	4	12	12	12			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												

Use this worksheet to calculate the fabric yardage needed for all the HST Units. Each numbered line represents one color combination.

For example (top line above) to make 50 A/B units: 50, size 3-1/2", 15 units every 2 strips, 42" (WOF), 3" wide, 4 strips of each will be needed = 12 linear inches each for A and B.

# of Units divided by units every/2 strips = # of Strips per fabric  
 Strip Width X # of Strips per Fabric = Linear Inches

Add one starter strip width for each sheet

Total Linear Inches (Transfer to Totals Page)

Unfinished Size	WOF	Strip Width	# Units every 2 strips*
1-1/2"	half	1-1/2"	18
	full		39
2-1/2"	half	2-1/4"	10
	full		21
3-1/2"	half	3"	7
	full		15
4-1/2"	full	3-3/4"	10
5-1/2"	full	4-1/2"	7

## STEP 4 - CALCULATE TOTAL YARDAGE

Copy the totals from the previous worksheets in the appropriate lines. Add any plain fabric calculations such as squares, rectangles, borders, sashing and binding. All measurements are in linear inches. The final line divides by 36" to give yardage.

Fabric

Description	Details				Fabric				
					A	B	C	D	E
HSTs									
QSTs									
Hourglass									
Flying Geese									
Triangle in a Sq									
4-Patch									
6 Pt Star									
Hunter's Star									
Square #1	Size	Qty	#/Strip	# Strips					
Square #2									
Rectangles #1									
Rectangles #2									
Border #1	Perimeter	÷ 42	x Width =						
Border #2									
Border #3									
Border #4									
Binding									