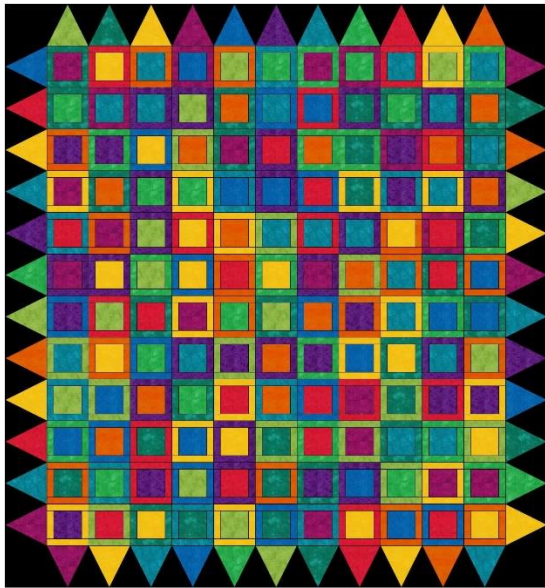


# Rainbow Quilt Instructions

By Vicki Welsh

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I recently had a customer interested in making a quilt similar to this one. She wanted fat eighths to get a large variety of colors. I liked it so much that I wanted to make something similar for myself. This version is based on a 6" block for the center and border. I'm using black for the outside border and binding.

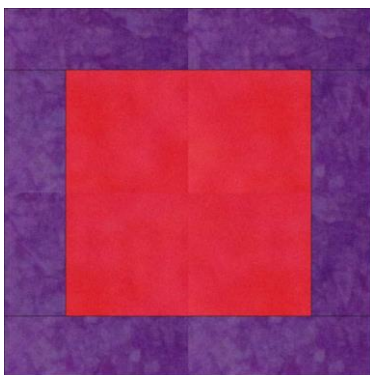
Below I've created a table with the number of blocks and amount of fabric for sizes from King to Crib. You could easily put this in EQ or on graph paper to customize the quilt size for yourself.

I'm using the Color Wheel palette from my hand dyed fabrics for this quilt but I could see it also done in a variety of other colorways. I'm considering a Woodlands

color palette for a guest room quilt.

This tutorial discusses cutting fat eighths for the pieces to optimize the fabric use, general block cutting instructions and fabric requirements. It's simple enough that I think you can figure out the sewing.

\*\*\*As I write this I have not yet made the quilt! Please make some test blocks and test cuts to verify the instructions before you cut into your good fabric. If you notice an error please let me know.

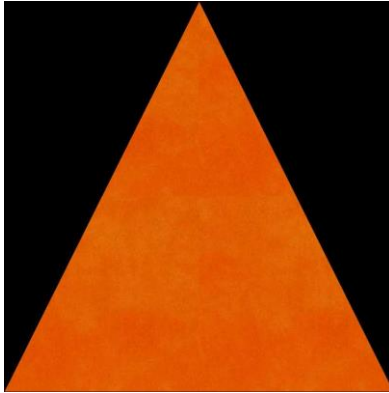


The block finishes to 6".

Cut 1 center 4 1/2" square

Cut 2 side pieces 4 1/2" x 1 1/2"

Cut 2 side pieces 6 1/2" x 1 1/2"

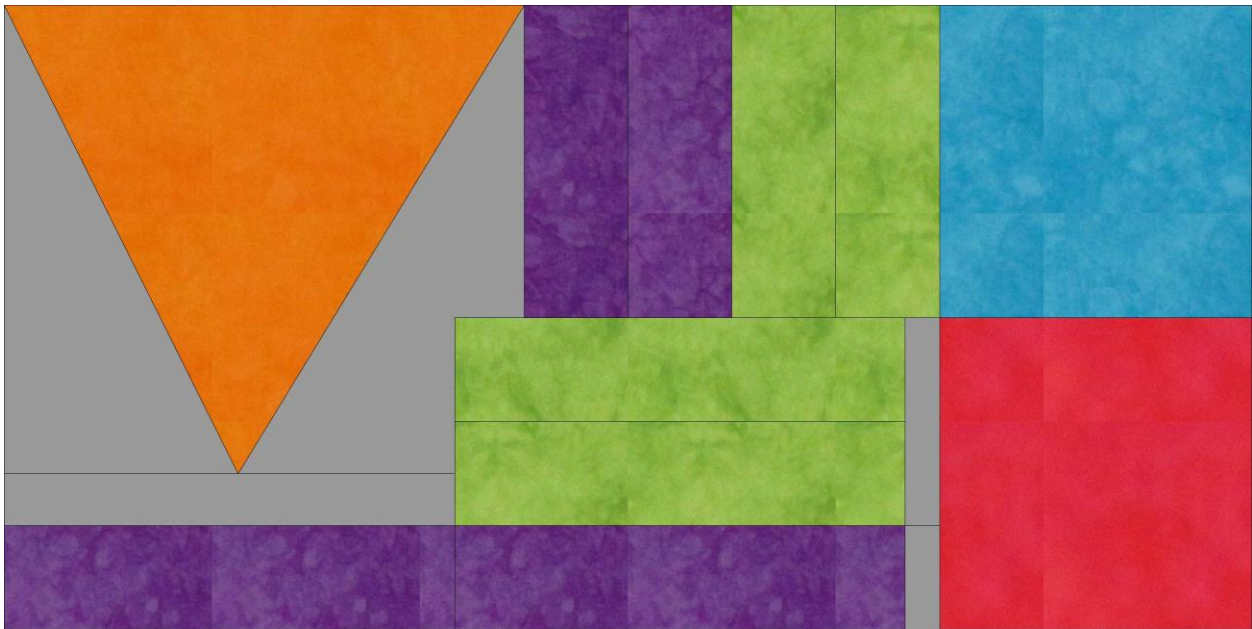


The border block also finishes at 6"

For the black pieces cut a rectangle  $7 \frac{5}{16}'' \times 3 \frac{11}{16}''$  and cut once on the diagonal. **You will also need 4 black corner pieces cut  $6 \frac{1}{2}''$  square.**

For the triangle create a template by drawing a square  $6 \frac{13}{16}''$  square. On one side mark the center and draw a line from the center to the two opposite corners. Cut off the side triangles and you have your template.

It's important to sew some test blocks for this one. The seam allowance has to be perfectly  $\frac{1}{4}''$  for the block to come out the right size. For me, I'll likely foundation piece this block so I get the blocks the exact right size. I'll draw a foundation on EQ or on grid paper and then make copies.



Here's one way to cut a fat eighth. For all of the fabric calculations below I assume you get one border triangle and enough pieces for 2 blocks from each fat eighth. I'm also assuming that a fat eighth is at least  $18'' \times 9''$ . The gray areas are the waste or postcard fodder, depending on how you feel about scraps.

First square up the right side and cut a  $4 \frac{1}{2}''$  inch strip. Cut that in 2 for  $2 \frac{1}{4}''$  squares (blue and red pieces)

Cut a  $1 \frac{1}{2}''$  strip off one edge and cut  $2 \frac{1}{2}''$  pieces from that. (purple)

Use the triangle template to cut one border triangle. (orange)

From the rest cut 2 pieces 1 ½" x 6 ½" (green) and 4 pieces 1 ½" x 4 ½" (purple and green)

Your fat eighth must be over 9" wide for this plan to work. If you fat eighth is smaller you will need extra fabric. In that case it will probably be best to cut the border triangles from separate fabrics.

If you are still with me and not totally confused, here's a chart of quilt sizes, block counts and fabric requirements for different sizes of this quilt.

| Quilt Size | Dimensions | # Blocks | # Border Blocks | # Fat Eighths | # Stash Packs | Yards | Black Fabric | EQ Color Fabric |
|------------|------------|----------|-----------------|---------------|---------------|-------|--------------|-----------------|
| King       | 102 x 96   | 210      | 58              | 105           | 10            | 10    | 2.5          | 13              |
| Queen      | 90 x 96    | 182      | 54              | 91            | 9             | 9     | 2.5          | 12              |
| Full       | 78 x 84    | 132      | 46              | 66            | 6.5           | 6.5   | 2            | 9               |
| Twin       | 66 x 96    | 126      | 46              | 63            | 6             | 6     | 2            | 9               |
| Lap        | 66 x 84    | 108      | 42              | 54            | 5.5           | 5.5   | 2            | 7.5             |
| Crib       | 36 x 54    | 28       | 22              | 20            | 2             | 2     | 1.5          | 4               |

# Blocks = The number of blocks in the center of the quilt

# Border Blocks = The number of triangle blocks in the border. You will also need 4 corner blocks that are cut 6 ½" square

# Fat Eighths = Using the cutting diagram above and assuming that the fat eighths are a little larger than 9 x 18, this is how many you will need for the quilt. This is the minimum you will need! Allowing for my guaranteed cutting errors I'd always get more than this.

#Stash Packs = Stash Packs contain 10 fat eighths. This is how many packs you will need for the quilt

Yards = The number of Stash Packs is equivalent to this many yards

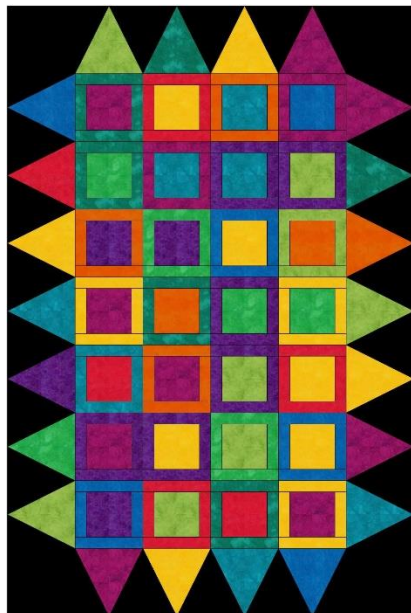
Black Fabric = The amount of black fabric needed for the border and binding.

EQ Color Fabric = In EQ this is the amount of color fabrics that the program calls for. Compare that to the yards column to work out how much fabric you want for your quilt.

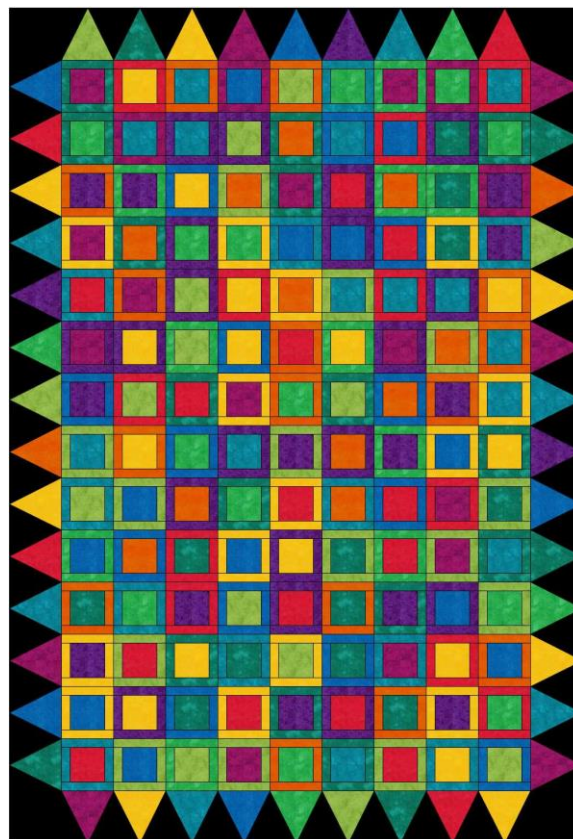
\*\*\*When you are piecing these blocks be sure to make some test blocks to verify your seam allowance. Being off by 1/6<sup>th</sup> of an inch on these blocks will make a huge difference when sew together 14 blocks across the width of the quilt. The border triangle blocks can get way off if the seam allowance isn't right. It took me 3 tries on my test block but I know I have it perfect now!

## The Layouts

These are the layouts that I worked out in EQ.  
You can, of course, make your own custom size.



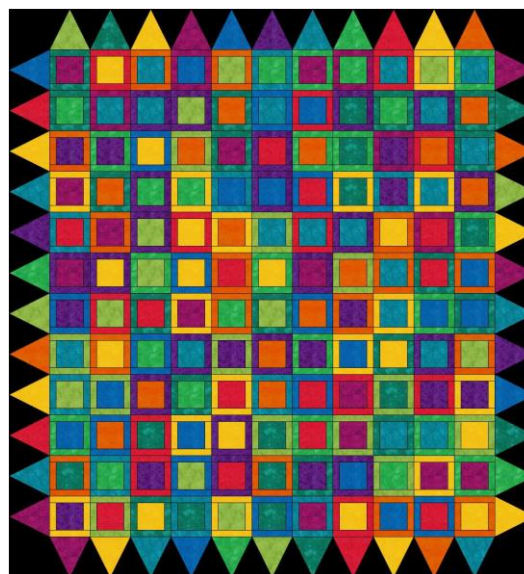
Crib Quilt: 36 x 54  
4 blocks wide, 7 block rows



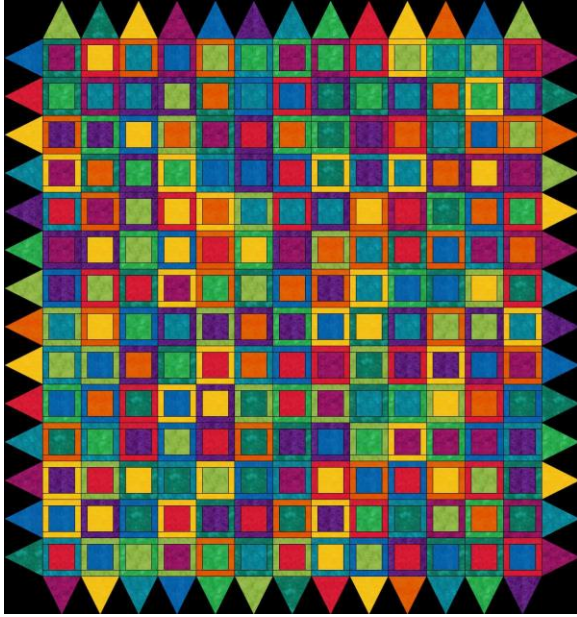
Twin Quilt: 66 x 96  
9 blocks wide, 14 block rows



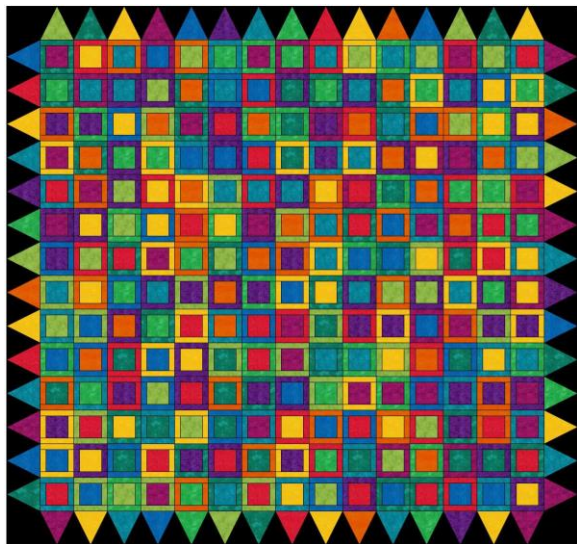
Lap Quilt: 66 x 84  
9 blocks wide, 12 block rows



Full Quilt: 78 x 84  
11 blocks wide, 12 block rows



Queen Quilt: 90 x 96  
13 blocks wide, 14 block rows



King Quilt: 102 x 96  
15 blocks wide, 14 block rows