

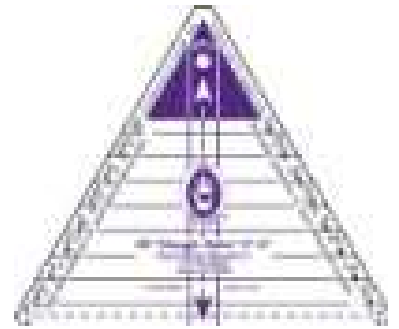
# Repeat Revolution

(71" X 80)

Find a raucous loud print with at least 5 colors. If it had both sharp angles and organic curves it's a plus. Measure the repeat from the tip of one motif to the tip of the same motif further down the fabric. This linear repeat should be at least 15". Then choose your background and your two coordinating fabrics to complete the quilt.

|                                  |                                  |
|----------------------------------|----------------------------------|
| Repeat Fabric:                   | 6 Repeats-Minimum of 2 1/2 Yards |
| Star Fabric and Binding ( Pink): | 2 Yards                          |
| Star Accent/Inner Border (Gold): | 3/4 Yard                         |
| Background (White):              | 2 Yards                          |

Also: One 6 1/2" Equilateral Triangle Template like Marti Michell's 60 Degree Triangle Ruler (Small or Large) available at Joanns or Amazon.



This just gives the layout of the quilt... I couldn't get my computer to recreate the Repeat Revolution effect.

# Repeat Revolution Week 1: Preparation

In addition to the items on the supply list, you will also need flat or flower head pins and spray starch or sizing.

## Cutting Your Stack Panels:

1. Do not cut anything yet! The Supply List called for six linear repeats 15" in length of fabric minimum. Ensure that you have six repeats by identifying a point in your fabric's design (it could be a flower center or a leaf point or anything else easily recognizable) near the top edge of your fabric. Mark with a pin at that point. Do not cut anything yet!

Move directly down the fabric to find that point again. Mark with another pin. Do not cut anything yet! That is one repeat.

Continue on, always marking that identifiable point with a pin, til you are certain you have six complete repeats (that is seven pins!) You may have excess, (I only had about 3" left over.) That is okay but make sure you have enough fabric before moving to step two. Do not cut anything yet!

2. Measure the width of your fabric. We are going to cut or tear it lengthwise. Not Yet! For your Stack Panels you need a 22 inch minimum width. But 25" will give you more choices. The other part of the length will be for your borders. Each border will be one quarter of the width of that length less one half inch seam allowance.

So think about how wide your borders will be:

If your fabric is 42" (without Selvedges) and you cut at 25" for your Stack Panel, you will have 17" left for your borders. One quarter of that is 4 1/4" meaning your borders will be 3 3/4" finished.

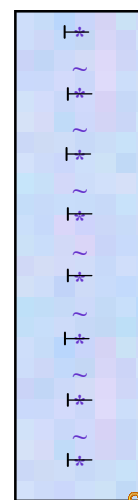
If you cut your Stack Panel 22" you would have 20" for your border. One quarter of 20 is 5" less seam allowance makes your border 4 1/2" finished.

So decide about your borders and choose your stack width then make a snip to the top of your fabric either 22" or 25" excluding selvedge in and either give it a lengthwise tear or cut along the length. It would be nice if all your pins marking the repeats stayed on repeat side. Set aside the Border Panel.

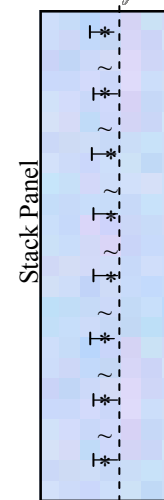
## Do not cut the Border Panel.

3. From the Stack Panel only, we are going to cut the repeat panels. If you have a short repeat you are going to have two repeats to a panel. The repeat needs to be at least 15". So using your longest ruler and your best judgment, get ready to cut the repeat. It doesn't have to be completely exact, but get it as best as you can. Cut six repeats so you cut in the same place in the design each time. That means if your repeat is 20" you are making 20" panels. Cut 6 Repeat Panels.

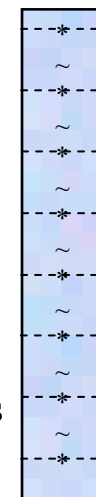
4. Starch and press each panel. This is vital because we are eventually going to cut triangles with exposed bias. The starch will help to stabilize the fabric.



Length Of  
Fabric Must  
Have At Least  
Six Linear  
Repeats



Stack Panel  
side needs to  
be 22" to 25".  
Remainder of  
fabric will be  
for your bor-  
ders. Cut, fol-  
lowing info at  
left, then set  
aside Border  
Panel.



ONE REPEAT

Cut into  
Repeat Panels,  
Press with  
Starch then  
Stack

Next Week:  
We Cut!

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## Next Week:

We'll cut and stitch these  
wonderful hexes...  
All from just ONE fabric!





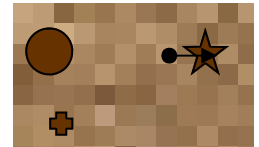


# Repeat Revolution

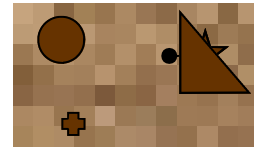
## Week Two: Hexagons



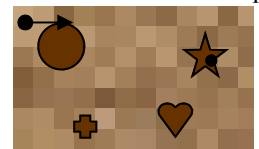
1. Stack your 6 starched Panels all right side up with top edge aligned. All motifs should be stacked one atop another.
2. To ensure that the motifs are aligned exactly, find a motif near one corner and stick a pin in. Find that same motif on the panel below and put the pin through in the same spot in that second panel. Continue finding the motif and sticking the pin through all six panels so the pin is standing straight up.
3. Take another pin and choose a motif on an adjacent corner. Repeat the above process to stick the pin through all six layers. Leave the pin standing straight up.
4. Now if everything has gone right, your six panels should be all laying flat. If not, repin so they lay flat.
5. Repeat placing a pin straight up through a motif in the remaining two corners. Also stand pins through all six layers in the middle of each side. There should be pins in all four corners and in the middle of each side.
6. Take a flat headed pin. Insert this pin from a near horizontal position near one of the straight up pins. Try to not have any of the panels move in the process. Remove straight up pin. Repeat for each straight up pin.
7. Your panels should all be perfectly aligned with motifs all stacked up atop each other. The flat pins will hold them in place as you cut strips.
8. If necessary, trim the top edge of the stack so all layers are even.
9. Next cut three each five inch strips across the width of the panels (22" or 25" x 5"). If necessary, remove a flat pin to avoid hitting. Add some additional pins if necessary to keep each strip aligned.
10. Using the equilateral triangle ruler/template, cut six (or more) triangle stacks from each strip as shown. Cut at least 18 triangle stacks. Pin each triangle stack together to indicate the straight of grain edge.
11. Choose one stack. Remove the pin, remembering the straight of grain. Arrange the 6 triangles into a hexagon as shown with Straight of Grain all on the outside edge. If arrangement is pleasing stitch together as below...or rearrange carefully along one of the none straight of grain sides. This will have exposed bias, but if you are careful it should be ok.
12. Lay two triangles right sides together.. Stitch along appropriate edge. Open, press to one side. Add a third triangle, watching orientation. Repeat for remaining three triangle from stack. Stitch the two sets of three together, watching orientation and matching center, to make a hexagon. Press center seam open. Make at least 18 hexagons.



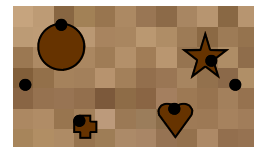
Stack panels. Find a motif near corner and stick a pin in it in top layer only.



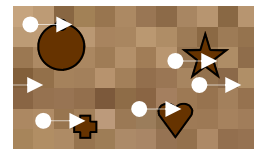
Peel back corner, find motif and position same pin. Go through all motifs in stack one at a time with pin.



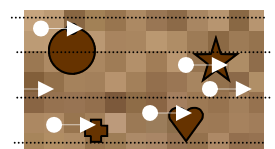
Repeat in adjacent corner.



Repeat to place six pins in stack all standing up.



Now secure flat pins, starting from a horizontal position causing as little shifting as possible. Replace the straight up pins



Cut 3 ea. 5" strips across the stack.



Cut Triangles from the stack.



Stitch Triangle Stack into Hexagon



# Repeat Revolution

## Week Three: Rows

### Cutting:

From Star Fabric/Binding (Pink)

3 each 5" WoF Strips. Cut these into 36 equilateral triangles in a similar way (and the same size) you cut the triangles for the hexes.

From Star Accent: (Gold)

2 each 5" WoF Strips. Cut these into 18 equilateral triangles in a similar way (and the same size) you cut the triangles for the hexes.

### Row Assembly:

1. Layout your hexes in a pleasing layout as shown... A row of four, then three, then four, three and four. Number them as shown using a non permanent method!
2. Add triangles, centered, to two opposite sides of the numbered hexes as shown in table below.

\*\*\*\*\*

Blocks with two Pinks: (7 total)

1, 9, 10, 11, 12, 13, 15

Blocks with two Golds: (3 total)

4, 5, 17

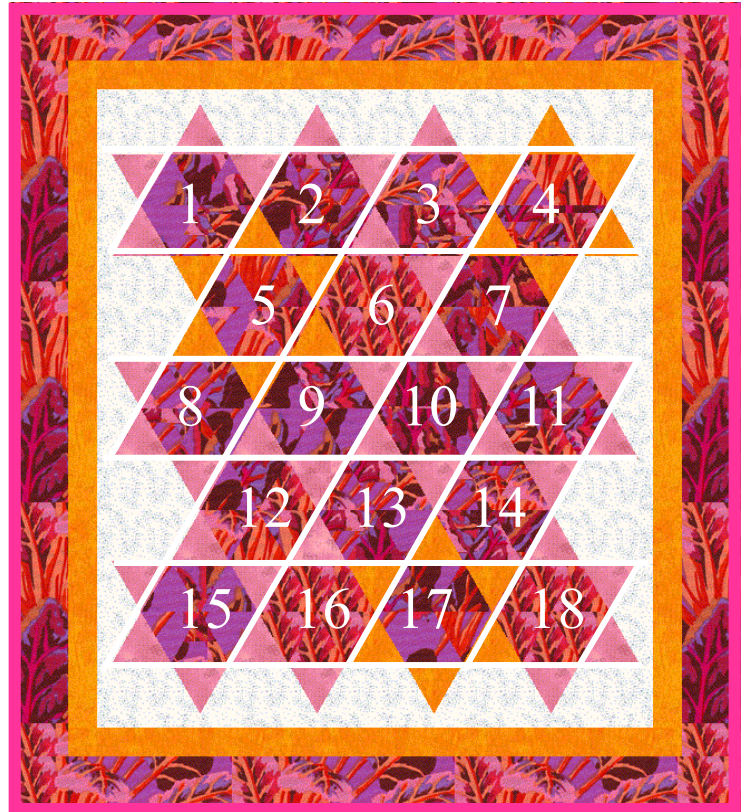
Blocks with one Gold and one Pink: (8 total)

2, 3, 6, 7, 8, 14, 16, 18

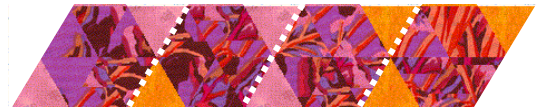
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3. Stitch the blocks into rows. Do not add any extra triangles yet and do not sew the rows to each other.

**Next week: Finishing the center.**



Add a triangle to two opposite sides of each hex according to the table at left.



This is row 1. Stitch all your rows. Do not add any extra triangles yet and do not sew the rows to each other.



# Repeat Revolution

## Week Four: Row Assembly

### Cutting:

Background: Cut 6 ea. 5" Width of Fabric Strips (might need 7 depending on width of fabric) From these strips, cut 66 Triangles the same as from your stack.

8 ea. 2" X width of fabric for Background Border

### Top Row and Bottom Row:

Stitch together three Background triangles to form half of a hexagon. Make 10 Half Hexes.

Lay out Half Hexes as shown in diagram at right, adding in the Star/Accent triangles (leftover from rows) as shown.

Stitch the Star/Accent triangle to its adjacent Half Hex.

Stitch these units together to form top and bottom rows.

NOTE: Extra "Tails" will eventually be trimmed, but leave for now.

### Long Rows:

Stitch two Background triangles together to form a diamond. Make 6 Diamonds.

Layout Diamonds to form both ends of long rows. Again, fill in with appropriate Star/Accent triangles.

Stitch the triangles to the Diamonds and add unit to row.

Again there will be a bit of excess that will be trimmed later.

### Short Rows:

Stitch together 6 Background Triangles to make a full hexagon.

Layout the background Hexes with extra Star/Accent triangles to complete both ends of the short rows.

Stitch the triangle to the background Hex and stitch the resulting unit to the row (one on each end) to complete short rows.

Stitch the triangle to the background Hex and stitch the resulting unit to the row (one on each end) to complete short rows.

### Assemble the Rows:

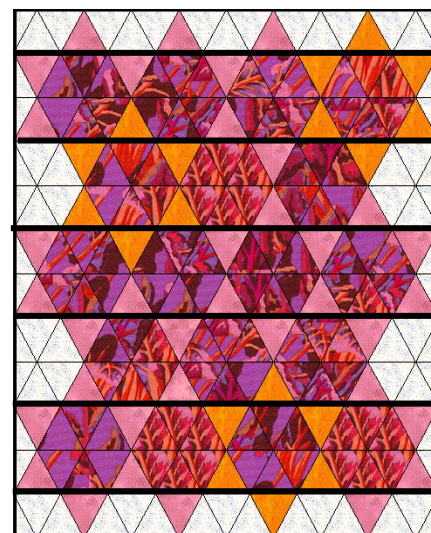
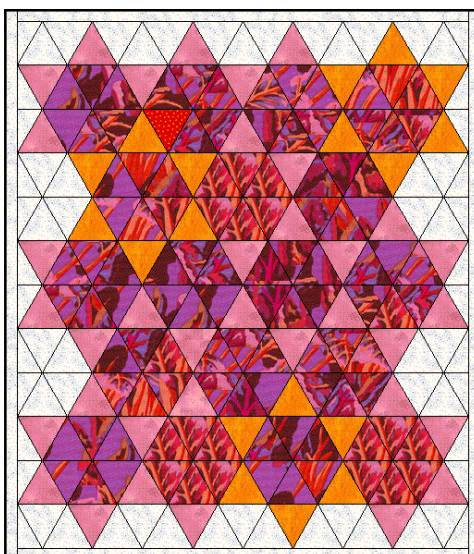
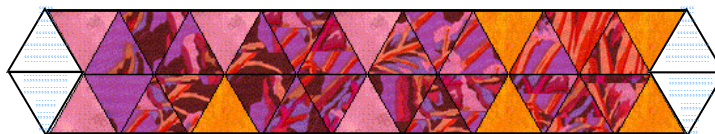
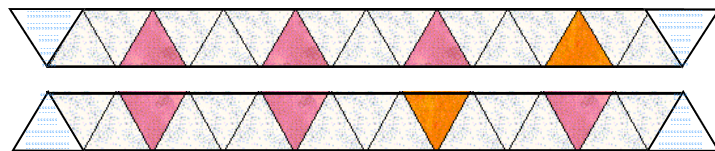
Layout all the rows in proper order following the diagram at right. Stitch together, matching points as necessary.

Trim excess 1/4" beyond star points in preparation for background border strips.

### Background Border:

Stitch together then trim to size the 2" Background Border strips to add to quilt adding top and bottom border first than the sides.

NEXT WEEK: More Borders!





# Repeat Revolution

## Week Five: Borders

**Cutting:** From that **Border Panel** set aside the first week, cut 4 borders from the LENGTH. Each outer border will be 1/4 the width of that panel.

**From Star Accent/Inner Border:** Cut 7 ea. 2" Width of Fabric (WoF) strips. Stitch three together with a diagonal seam (Like binding) Cut resulting strip in half (So you have two strips, each one and one half widths in length. These are the top and bottom inner border strips. In a similar manner, stitch two sets of two WoF strips with a diagonal seam. These are the side borders.

Follow instructions below to add the borders, first the Inner then the Outer, to your quilt.

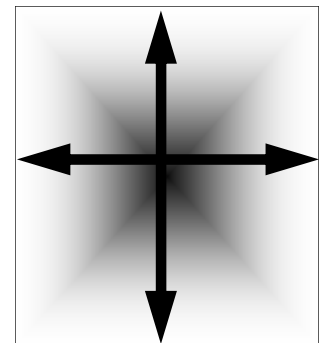
**The First Step** when adding borders to a quilt is to be sure your quilt center is square. To do this, fold the quilt center in half, bringing the top and bottom edges together, measuring them against each other. If there is a discrepancy, check your piecing for errors in seam size, tucks, pleats and similar mistakes. When the measurements align, fold quilt center the other way, bringing the sides together and repeat the process to ensure the left and right sides align in length. Now you are ready to add borders.

**Adding Borders:** To determine the actual **width** of your borders, measure the quilt center width through its center, not at the outer edges. Those outer edges have more "give" and will not give an accurate measure. Measuring through the center will keep your quilt square. Cut both your vertical strips to be the center horizontal dimension. That is make the border fit your quilt... and be sure both border pieces are the same length!

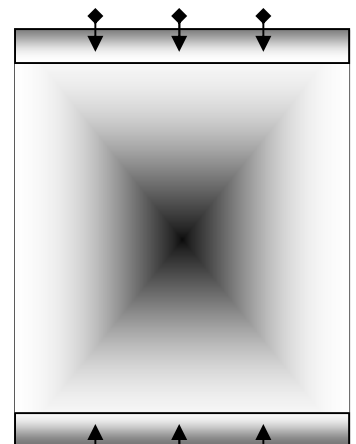
To apply the border, find the center of the quilt edge and the center of your border strip by folding once. Then find the quarter points of each (folding again). With right sides together, match the center of the border with the center of the quilt center, along with matching the quarters. Align raw edges. Pin at centers, quarters and at the ends then ease a bit if necessary. Stitch 1/4" seam. Press toward the border. Repeat for other side.

After pressing horizontal (top and bottom) set of borders, repeat above steps for the vertical (side) borders.

Use these techniques for your  
Repeat Revolution quilt (and all your quilts!)  
For a flat, square quilt every time!



Measure through the Center, both horizontally and vertically for borders



Pin to match halfway and quarterway points of border and quilt center