

120° Triangle Ruler

Use with three, two or one 2 ½" strips to create dozens of dynamic designs.

Designed by Rachel Cross

#CGR120R
Made in USA

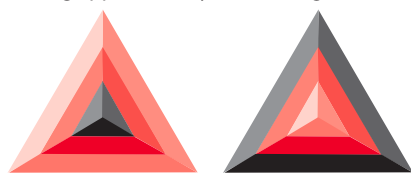


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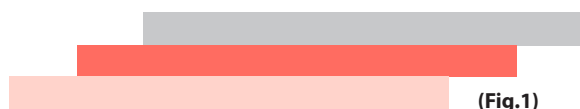


Using three 2 ½" strips:

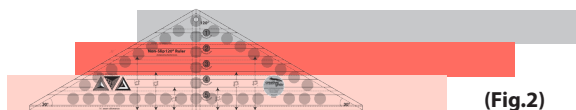
Three 2 ½" strips, sewn together, will make a 6 ½" band of strips. To make a design you need three similar light colored strips, three medium strips and three dark strips. Or, use three strips each of three completely different colors that work well together. These will make two large 60° triangles, each measuring approximately 20 ¾" along each outer edge. One 60° triangle will be a mirror image of the other.



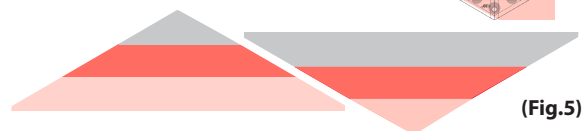
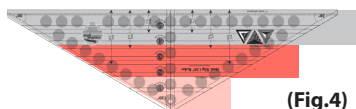
1. Cut a 2 ½" x 27" strip from each of the set of three light strips. Stitch these strips together, stepping each strip by 3" to save fabric (Fig.1). Press the seams to one side, ironing from the front of the work. This band will make two 120° triangles.



2. Place the **Creative Grids® 120° Triangle** ruler on the front of the work as close to the left edges as possible (Fig.2). Cut both sides of the slanting edges with a rotary cutter. Remove the cut triangle (Fig 3). *Note: Left handers should start at the right end of the band of strips and work to the left.*



3. Turn the ruler 180° (do not flip the ruler over) and position it as in (Fig.4), lining up the cut edge of the fabric with the slanted side of the ruler. Cut along the other slanted edge to make a second triangle (Fig.5).



4. Repeat steps 1 - 3 with the set of three medium strips.

5. To avoid the tricky piecing of three triangles at the center of the design, the third set of strips (the dark strips) are cut as two separate halves of each 120° triangle (Fig.6).



6. Cut a 2 ½" x 12 ½" piece from each of the set of three dark fabrics. Stitch these together without stepping the ends at all and press the seams in one direction, ironing from the front of the work (Fig.7).

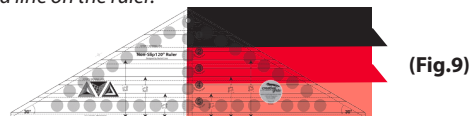


7. Cut a second set of 2 ½" x 12 ½" pieces from the same three dark strips and stitch them together in the same order as the first set. Press the seams in the opposite direction of the first set of strips.

8. Take the first band of dark strips with the seams pressed up and place it on a cutting board - right side up. Place the second cut band of strips with the seams in the opposite direction - right side down - on the first strip, matching fabrics and seams carefully (Fig.8).



9. Place the ruler on the layered bands of strips. Line up the left hand cut edges of the bands with the left hand vertical dotted line marked at the center of the ruler (Fig.9). *Note: Left handers should work from the right hand end of the bands of strips and line them up with the right hand vertical dotted line on the ruler.*

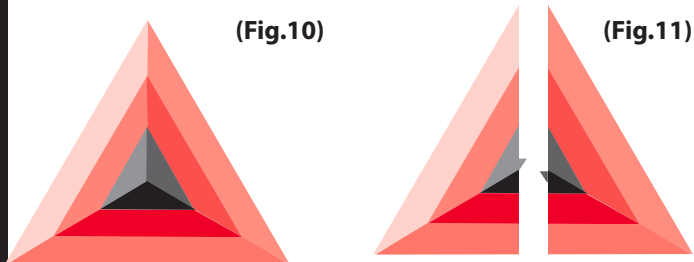


10. Cut along the slanted edge of the ruler through both layers of fabrics. This will give a pair of half triangles that are mirror images of each other. These will be joined to make the third 120° triangle in dark fabrics for the block.

11. Remove this pair of triangles. Turn the remaining layered fabrics around 180° so that the vertical cut edges are to the left and repeat steps 9 and 10 to create a second pair of half triangles.

12. We need a third pair to make the two large triangle blocks. Repeat steps 6 - 11 to make two more pairs of half triangles. Only one set is needed to make the two blocks, so put the other set aside to use later when you make more triangular blocks for a quilt project.

13. Arrange two large triangles and two half triangles (Fig.10). Pin and stitch a half triangle to each of the large triangles, matching seams carefully (Fig.11). Press the two seams in opposite directions.



14. Pin and stitch the two halves together, matching seams carefully, to make the large triangle block. Repeat this with the remaining 120° triangles and half triangles to make the second block.

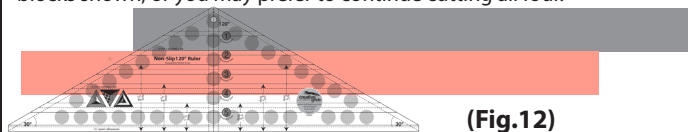
Using two 2 ½" strips:

Two 2 ½" wide strips, sewn together, will make a 4 ½" band of strips. To make the two triangular blocks you need two sets of contrasting fabrics. Three 2 ½" strips from each set will make two large triangles, each measuring approximately 14" along each outer edge. One 60° triangle will be a mirror image of the other.



1. Take the one 2 ½" strip from set one of fabrics and one strip from the contrasting set two. Stitch these two strips together, stepping each strip by 3" to save fabric. Press the seam to one side, ironing from the front of the work. This band will make four 120° triangles. Just two triangles are needed to make the two large triangular blocks shown above.

2. Place the **Creative Grids® 120° Triangle** ruler on the front of the work as close to the left edges as possible. The top edge of the ruler should line up with the top of the band of strips and the bottom edge of fabric should match the line marked 4 (Fig.12). Follow the cutting instructions for the three-strip block above to cut two 120° triangles for the two blocks shown, or you may prefer to continue cutting all four.



3. Take another pair of contrasting strips and repeat steps 1 and 2.

4. The third band of two strips needs to be cut into half triangles to make the piecing easier. Cut a 9" length from each of the third pair of contrasting strips. Follow steps 6 -12 in 'Using three 2 ½" strips' above to make three pairs of half triangles from these two fabrics: the method is exactly the same, just the length of the strips will be 9" and because the band has only two strips, the ruler is placed on the fabric with the marked 2-strip line matching the bottom edge of the fabric as before.

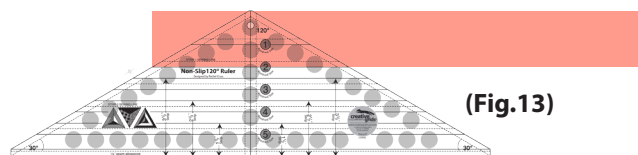
5. Follow steps 13 – 14 in 'Using the three 2 ½" strips' to complete the large triangular blocks.

Using one 2 ½" strip:

120° triangles cut from one 2 ½" strip will make triangular blocks measuring approximately 7" along each outer edge. Use three strips that contrast well with each other or a light, medium and dark in each block.



1. Take one of the chosen 2 ½" strips – several may be layered and cut at the same time if preferred – and place the 120° triangle ruler on it. The top edge of the ruler should line up with the top of the fabric strip and the bottom edge of the fabric should match the line marked line 2 (Fig.13).



2. Repeat step 1 with the medium strips.

3. The dark strips need to be cut into half triangles to make the piecing easier. Take a dark 2 ½" strip and do not unfold it – leave it as a double layer with right sides outside as it comes off the roll. Place it on the cutting board and cut a series of 5" pieces from the doubled strip. Follow steps 6 -12 in 'Using three 2 ½" strips' above to make three pairs of half triangles. The method is exactly the same, just the length of the strips will be 5" and because there is only one 2 ½" strip. The ruler is placed on the fabric with the marked 1-strip line matching the bottom edge of the fabric as before.

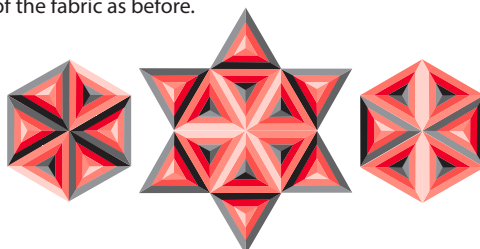
5. Follow steps 13 – 14 in 'Using the three 2 ½" strips' to complete two large triangular blocks.

Completing the design:

Most of the designs made with the 120° ruler comprise a series of equilateral triangles, which may need filling in with extra shapes at the outer edges of the design to make a square or rectangular quilt. These 'squaring-off' corners can be made with the ruler by combining a whole 120° triangle with a half triangle as shown in Fig.14.



Possibilities:



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