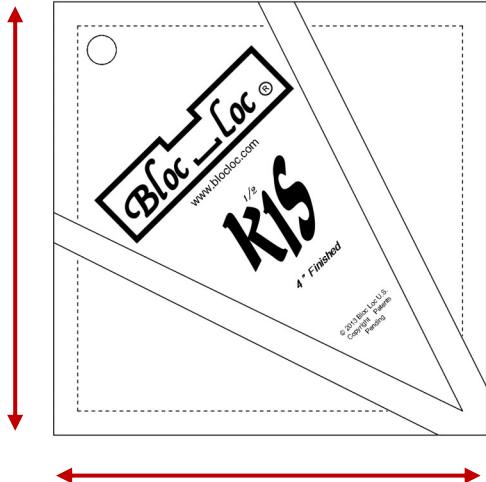
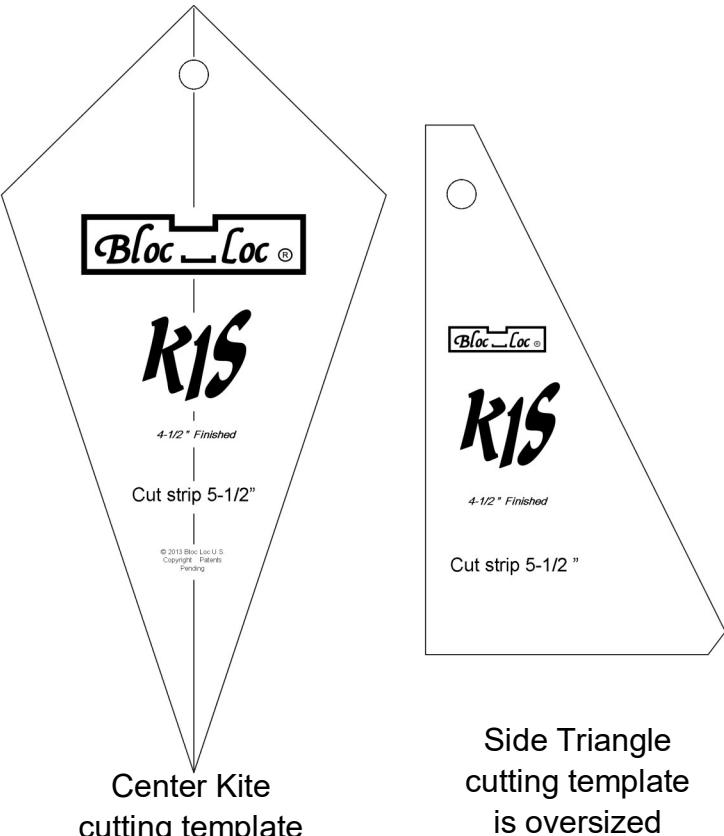


Kite in a Square (KIS)



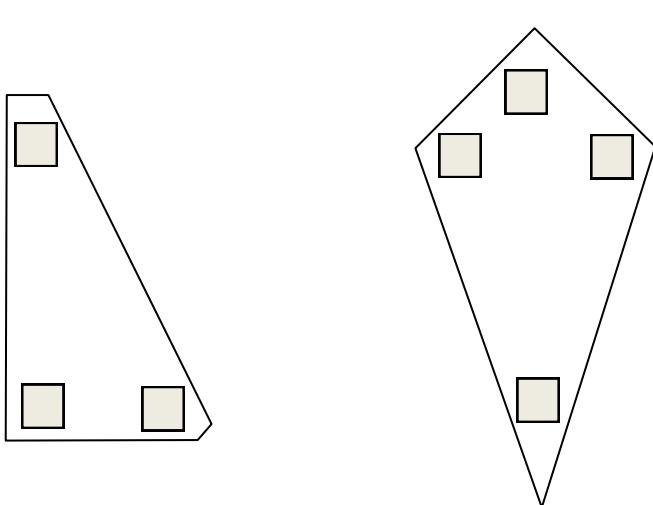
Grooved ruler is measured horizontally and vertically. It's labeled as "finished" but trims to finished + 1/2".



Side Triangle
cutting template
is oversized

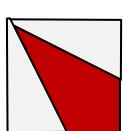
Prepare the Cutting Templates

Cut small, 1/2" or so size squares of Bloc Loc Traction Tape and peel the tape away from the paper backing. Place on the corners of the templates, as far into the corners as you can. This will not only prevent slipping but you can also rotate the templates without a turning mat.



Explanation of Ruler Shapes and How to Cut Them Out

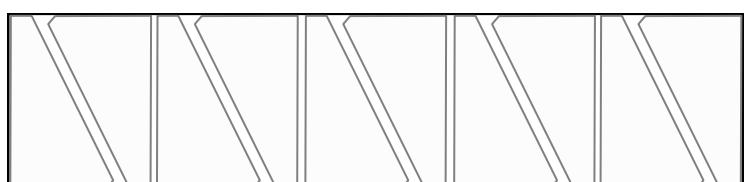
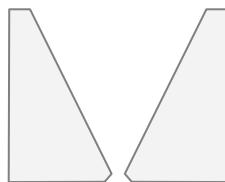
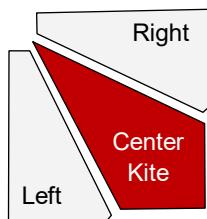
Follow the steps below to cut shapes, sew together and trim for perfect kite in a square units.



The **Side Triangle** template is over-sized and must be cut out in very specific ways.

What **size** strip do I cut? You will find the strip width laser etched on the ruler. This is the strip width to cut.

“Scenario”



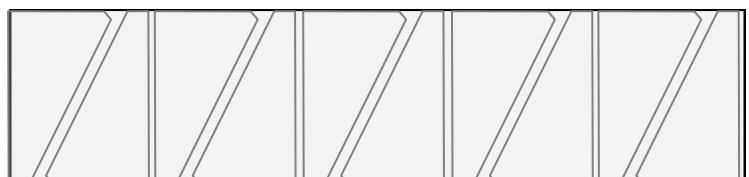
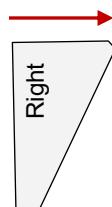
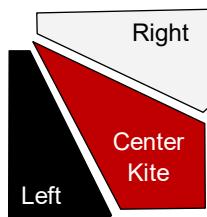
1 pair

Left and Right (pair)

Unit needed has a pair of the same color side triangles

If fabric is printed (not solid) then the fabric must be folded. In other words, once the strip is cut, leave it like that to cut out the shapes. This will give you both the left and right side triangles for the kite.

If the fabric is solid, then it doesn't make any difference—you can open the strips, layer them and cut out up to 4 layers at a time.



right only

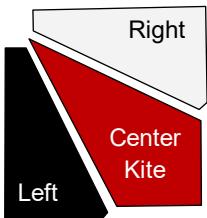
right only

One of the side triangles is a different color.

Pay attention to the direction that widest and most “pointy” end (shown above) of the cutting template is going to. In the illustration, it's pointed to the right. This is the direction that the template must be placed on the fabric and the fabric must be only right side up (not right or wrong sides together as it comes off the bolt). Open the fabric strip and place the template on the right side.

To cut multiples at a time, cut two strips, open them up and keep the edges even. Place the template on top, pointing to the right.

cont'd.

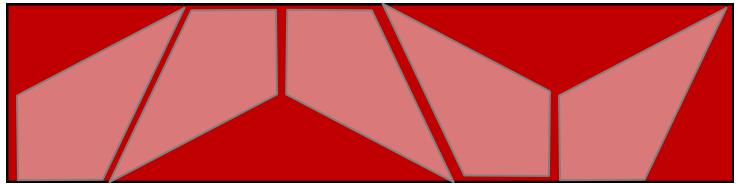
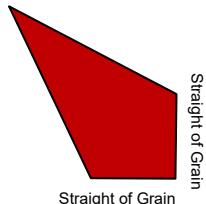
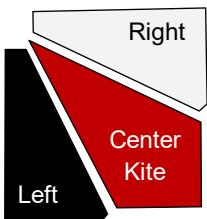


One of the side triangles is a different color.



Pay attention to the direction that widest and most "pointy" end (shown above) of the cutting template is going to. In the illustration, it's now pointed to the left. This is the direction that the template must be placed on the fabric and the fabric must be only right side up (not right or wrong sides together as it comes off the bolt). Open the fabric strip and place the template on the right side.

To cut multiples at a time, cut two strips, open them up and keep the edges even. Place the template on top, pointing to the right.

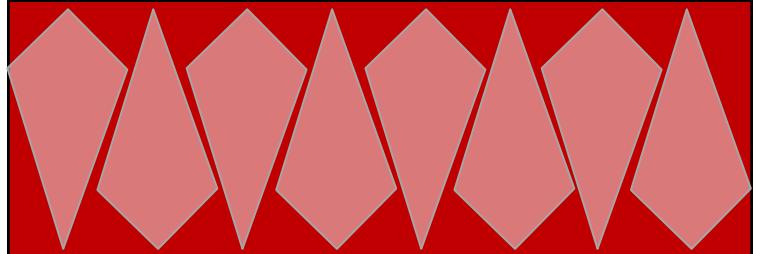
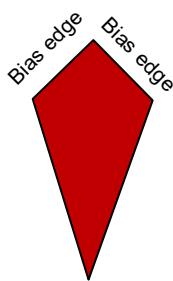
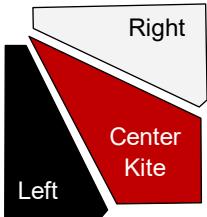


There are not a lot of KIS units to make in a project. Cut the strip width laser etched on the ruler and place the template on the fabric as shown right.

The center kite template (size to cut strip is printed on the ruler) is placed on the fabric like the illustration above to keep the straight of grain on the corner of the unit and prevent stretching.

When cutting out the center kite shapes, it doesn't matter whether your strip has been opened up and arranged right side up or left folded, you will always get the kite shape.

What **size** strip do I cut? You will find the strip width laser etched on the ruler. This is the strip width to cut.



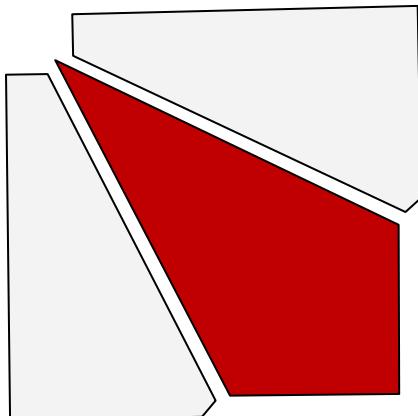
There are **lots of blocks** to make. Follow the cutting chart on the final page and cut the wider strip. Place the template on as shown right.

While you're cutting a lot of kite shapes from each strip, this cutting method will produce a bias edge.

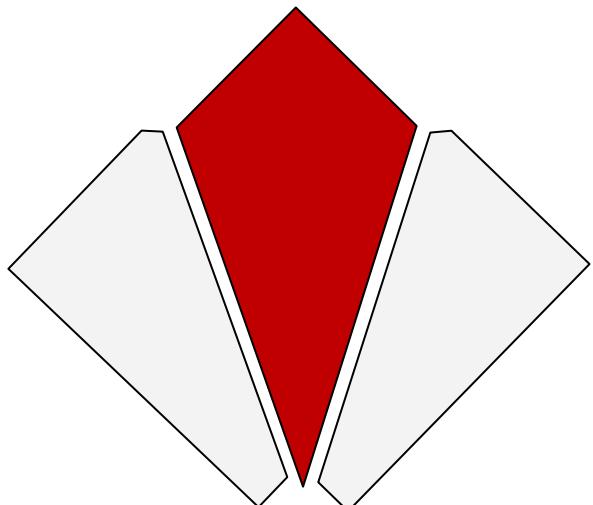
By starching your fabric (using real starch and not Best Press), you can stabilize the pieces which will make piecing a lot easier.

There is a pdf on How to Starch located at our website.

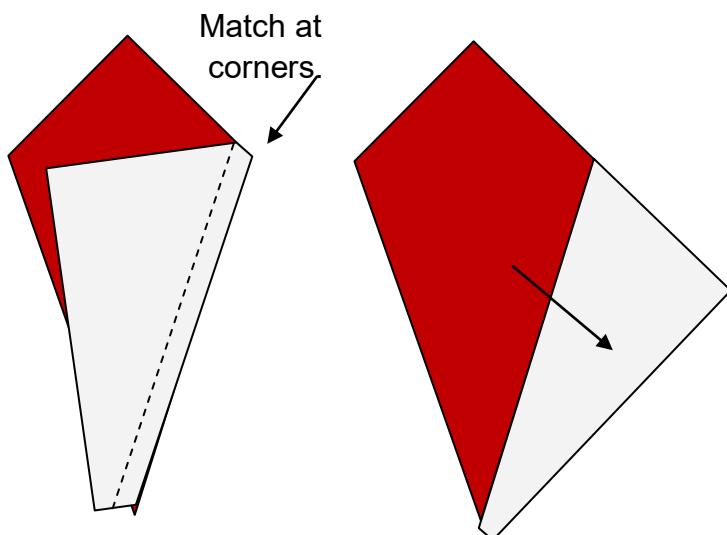
How to Sew the Side Triangles to the Center Kite Shape



1. Always arrange the center kite and side triangles as they are meant to be sewn (all RST) *before* you start sewing the pieces together. This will help piecing errors.

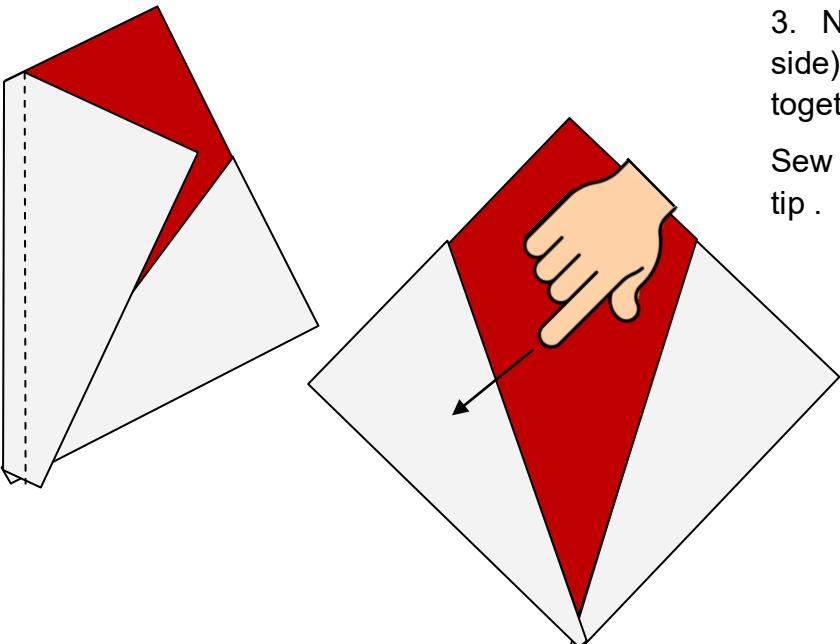


Once you have arranged the pieces the way you see them (on the left) then turn them around so they can be sewn.



2. Flip the side triangle (on the right side of the kite) on top of the center kite so that the shapes are right sides together. You will know it is arranged correctly because the corners will match.

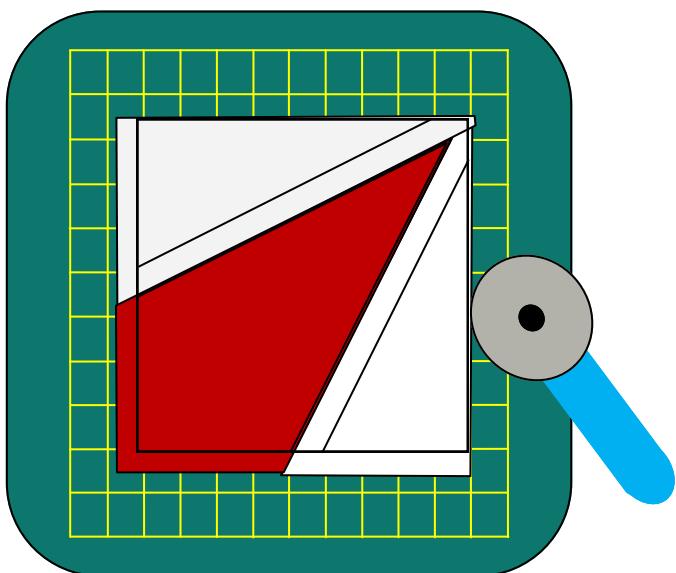
Sew 1/4" seam from the corners to the lower tip. Press the seam toward the side triangle.



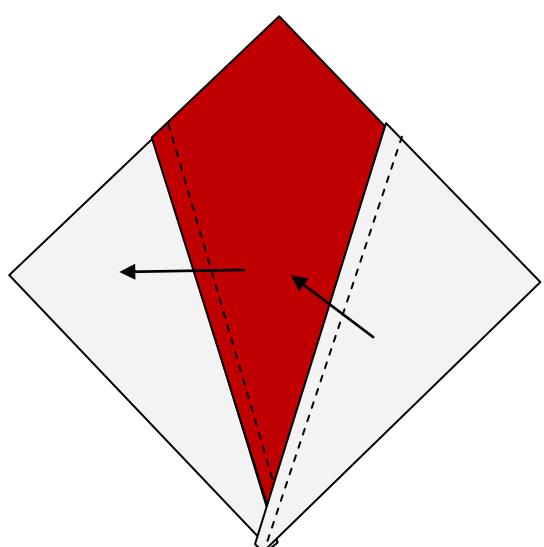
3. Next, position the side triangle (on the left side) of the center kite so that right sides are together and the corners match.

Sew 1/4" seam from the corner to the lower tip .

4. If you are making a block that will have KIS units facing each other, then you must **FINGER PRESS THE LAST SEAM**. If you are making a block that does not have KIS units facing each other, then you can press the final seam with an iron.



5. Lock the grooved ruler onto both seams. Make sure the grooves are filled with seam allowances and there are no gaps. Trim all the way around the KIS unit.



6. If you are making a block that has KIS units that are opposite from each other, then the final step is to re-press that last seam toward the kite shape. This step is very important to help with matching these units to each other because the points will nestle, making the points stay nice and sharp and in the corners.

If you are making a block what will not have KIS units opposite each other, then you can skip this step.

Kite Cutting Chart (bias edges)

KIS Ruler Set	Kite (bias at corner)	Number of Kite shapes per wof (42")	Number of Kite Shapes from 20" strip
1"	3" x wof	28	19
2"	4 ½" x wof	26	13
3"	5 ¾" x wof	20	8
4"	7" x wof	12-12	8
5"	8 ½" x wof	12-13	6
6"	10" x wof	10-11	5

Kite Cutting Chart (straight of grain edges at corner)

KIS Ruler Set	Kite (straight of grain at corner)	Number of Kite shapes per wof (42")	Number of Kite Shapes from 20" strip
1"	2 ¼" x wof	24	12
2"	3 ¼" x wof	16	8
3"	4 ¼" x wof	12	6
4"	5 ¼" x wof	10	4
5"	6 ¼" x wof	8	4
6"	7 ¼" x wof	8	2

Side Triangle Cutting Chart

KIS Ruler Set	Side Triangle Strip Set	Number of Side Triangle pairs per wof (42")	Number of Side Triangle pairs from 20" strip
1"	2 $\frac{1}{8}$ " x wof	19 pairs	9 pairs
2"	3 $\frac{1}{8}$ " x wof	15 pairs	7 pairs
3"	4 $\frac{1}{8}$ " x wof	12 pairs	6 pairs
4"	5 $\frac{1}{8}$ " x wof	10 pairs	4 pairs
5"	6 $\frac{1}{8}$ " x wof	9 pairs	4 pairs
6"	7 $\frac{1}{8}$ " x wof	8 pairs	4 pairs