

The blocks that we have made for this project should be 10 inches finished - 10.5 raw. at the last meeting, we decided to set the blocks at varying angles. These are the directions for the next part of the project.

The new blocks will be 14.5 raw.

Angle	Raw side 1	Raw side 2	Offset
16	12	5.5	2.25
18	11.75	5.5	2
20	11.5	6	1.75
22	11	6	1.5
24	10.75	6	1.5
26	10.5	6.25	1.25
28	10.25	6.25	1
30	10	6.5	1
32	9.5	6.75	0.75
34	9.25	7	0.75
36	9	7	0.5
38	8.75	7.25	0.5
40	8.5	7.5	0.5
42	8.25	7.75	0.5
44	8	8	0.5
46	7.75	8.25	0.5
48	7.5	8.5	0.5

From the chart to the right, choose the angle you want to rotate the inner block.

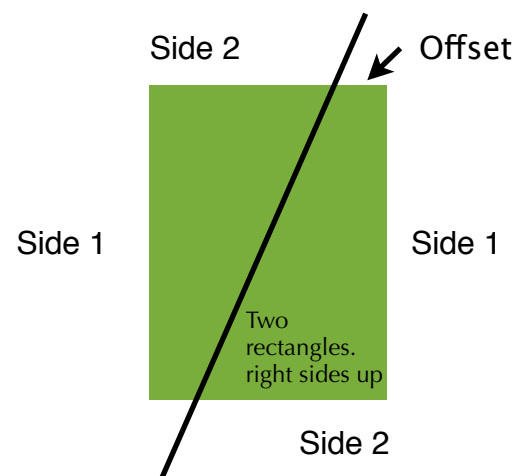
Cut out two rectangles with the appropriate dimensions, based on the chart. Remember which side of the rectangle is side 1 and which is side 2.

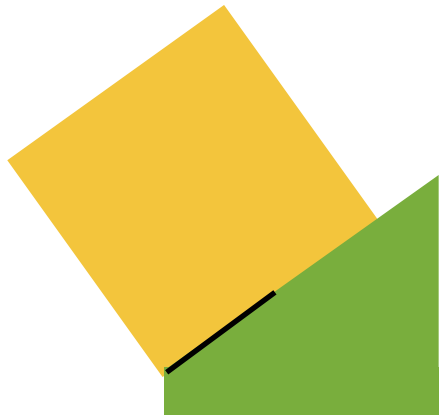
Lay the two rectangles precisely on top of each other, right sides UP.

Find the offset number from the chart. Instead of cutting a true diagonal, you are going to offset the ruler in from each edge by the amount in the offset column on the chart. Cut both sides of length side 2. Leave the side 1 uncut.

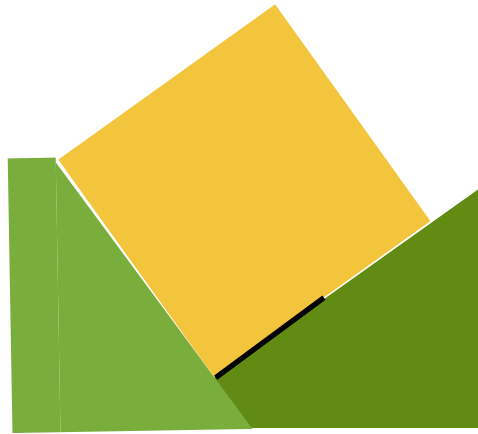
You can cut as shown, from bottom left to top right, or you can cut from bottom right to top left. Make sure you are only cutting the Side 2 sides.

This will give you four similar pieces that look like triangles with one point cut off.





1. Line up the blunt corner of one of the triangle pieces with the corner of the original 10.5 inch block. Sew a partial seam.



2. Line up the blunt corner of another triangle piece with another corner of the original 10.5 inch block. The end of this seam should be on the triangle piece you attached in step 1.



3. Line up the blunt corner of another triangle piece with another corner of the original 10.5 inch block. The end of this seam should be on the triangle piece you attached in step 2.



4. Line up the blunt corner of the final triangle piece with the last corner of the original 10.5 inch block. The end of this seam should be on the triangle piece you attached in step 3.

5. The first triangle piece you sewed on is not attached at the corner of the square because of the partial seam in step 1. Now you can go back and finish that seam.

6. Press the block and trim to be 14.5 inches.