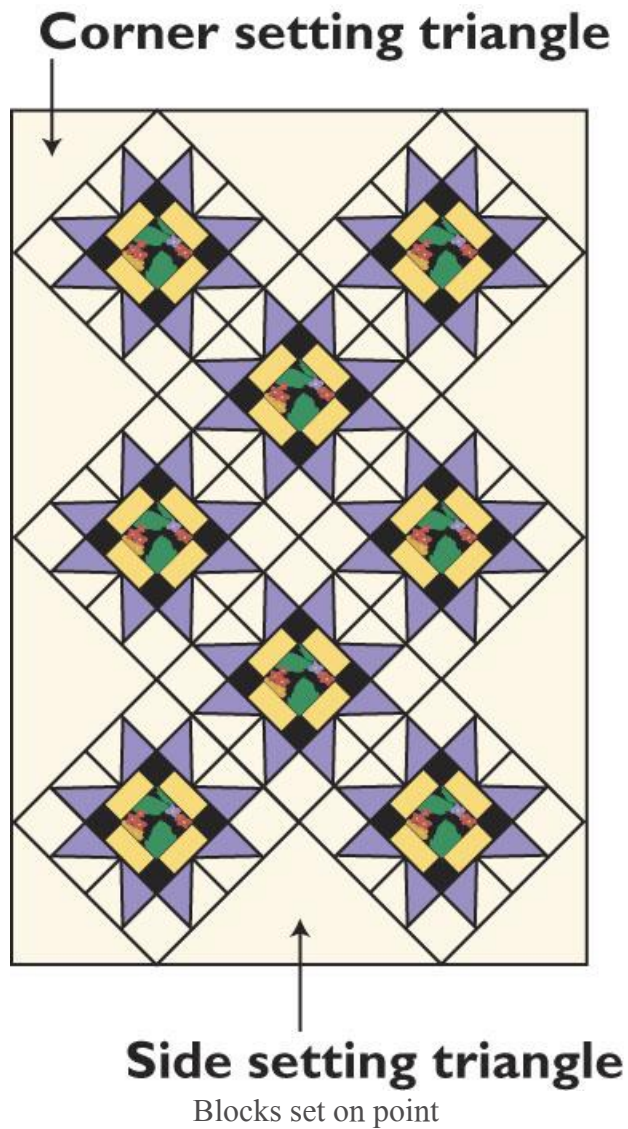# Calculating the Size of Side and Corner Setting Triangles

Thanks to C&T Publishing website for the diagram and instructions…

When you position quilt blocks on point, you need to fill in the outer edges of the quilt with triangle-shaped cuts of fabric. Triangles along the side of the quilt are called *side setting* triangles. *Corner setting* triangles fit the corners of the quilt.

Blocks set on point

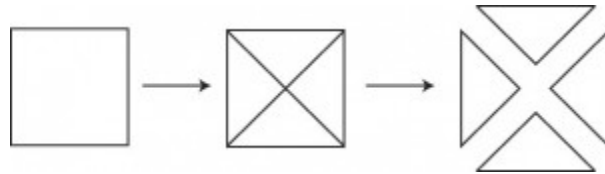## To calculate the size to cut the side setting triangles:

1. Multiply the finished size of your block by 1.414
2. Add 1 1/4" to that number
3. Cut a square equal to the sum
4. Cut the square twice, corner to corner

Example for a 6" block:

6" x 1.414 = 8.484 (round up to 8 ½")

8 ½" + 1 ¼" = 9 ¾"

Cut a square 9 ¾" and cut it twice, corner to corner.

Use quarter square triangles for side setting triangles.
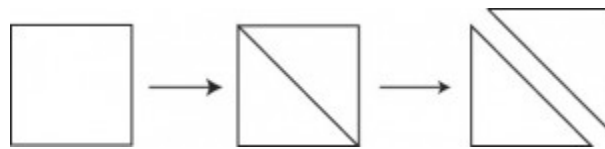
To calculate the size to cut corner setting triangles:

1. Divide the finished size of your block by 1.414
2. Add 7/8" to that number.
3. Cut a square equal to the sum
4. Cut the square once, corner to corner

Example for a 6" block:

6" ÷ 1.414 = 4.24" (round up to 4 ¼")

4 ¼" + 7/8" = 5 1/8"

Cut a square 5 1/8" and cut it once, corner to corner.

Use half square triangles for corner setting triangles.