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Setting Triangles for 'On Point' Quilts

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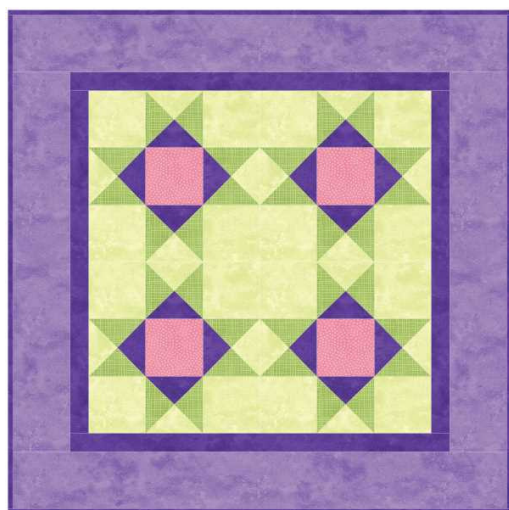
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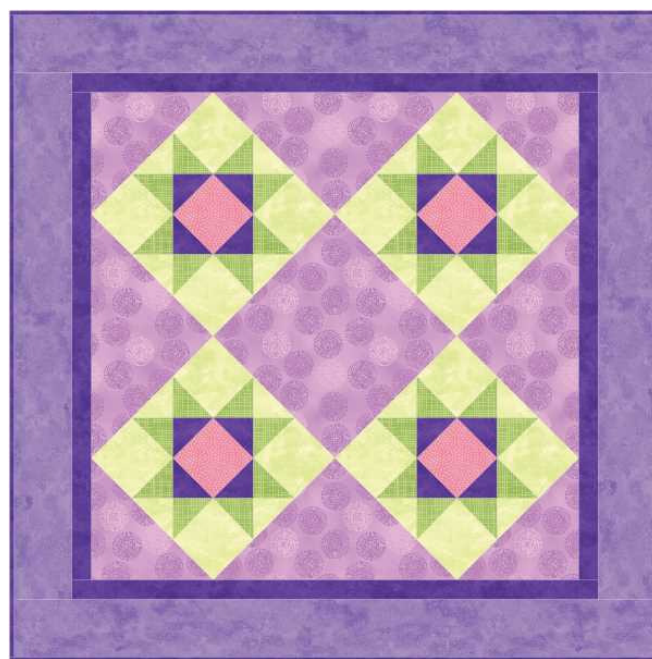
'On Point' means that a square block is turned one quarter of a turn. So, instead of the blocks being placed *'side by side'* they are *'pointy end - to - pointy end'*. If you know a bit about geometry you will realize that this gives you more 'mileage' from your blocks. The distance from one corner of the block to the opposite corner is longer than a side of the block.

Each of the quilts shown below has four pieced blocks and each block is 9" finished. The width of the borders is the same for both quilts.

The straight-set quilt (**Quilt A**) will measure 26½" square. The 'on point' quilt (**Quilt B**) will measure 34" square. This means that I can make the same four blocks, add another fabric to my design and get a much larger quilt!



Quilt A



Quilt B

Quilt B needs a center square that is the same size as the pieced blocks (9" finished) and triangles to fill in the spaces around the blocks.

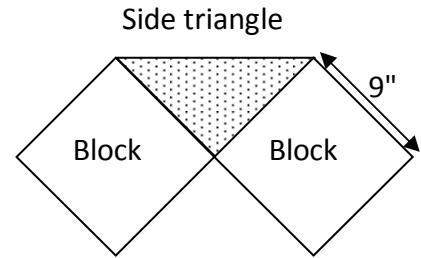
The instructions for calculating the sizes for both the triangles on the sides and in the corners are included here. I hope you will refer to this often as you design and make your quilts.

Side Triangles

Side triangles are made from a square cut into 4 triangles diagonally so the long edge of the triangle is on the straight grain of the fabric. Each square will yield 4 side triangles.

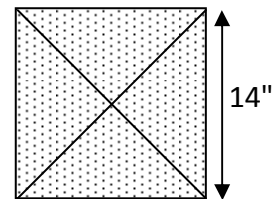
To calculate the size of the square needed:

- Multiply the finished block size by 1.414
- Add 1.25" (1-1/4") for seam allowances
- Round up to the nearest 1/8"



Example (9" finished block size):

$$9" \times 1.414 = 12.73" + 1.25 = 13.98", \text{ round up to } 14"$$

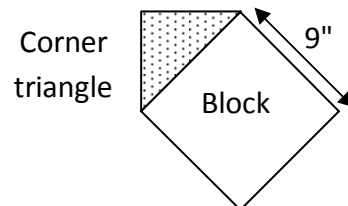


Corner Triangles

Corner triangles are made from a square cut diagonally in half so the short edges of the triangles are on the straight grain of fabric. Each square will yield 2 corner triangles.

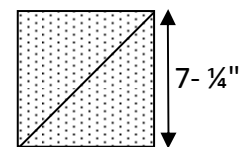
To calculate the size of the square needed:

- Divide the finished block size by 1.414
- Add .875" (7/8") for seam allowances
- Round up to the nearest 1/8"



Example (9" finished block size):

$$9" \div 1.414 = 6.36 + .875 = 7.24", \text{ round up to } 7\text{-}1/4"$$



***NOTE: you may want to 'overcut' your squares by 1/2" - 1" and trim them down once the top is pieced together.

*You will be receiving my next newsletter soon.
Daphne*