

Air Castle Quilt Block Fabric Calculator			
Finished Block Size*	Fabric 1 Cut 1 for Center Square in a Square	Fabric 1 Cut 2 for Half Square Triangles	Fabric 2 Cut 2 for Split Quarter Square Triangles
6" square	2-1/2" square	2-7/8" squares	2-7/8" squares
9" square	3-1/2" square	3-7/8" squares	3-7/8" squares
12" square	4-1/2" square	4-7/8" squares	4-7/8" squares
15" square	5-1/2" square	5-7/8" squares	5-7/8" squares
18" square	6-1/2" square	6-7/8" squares	6-7/8" squared

Finished Block Size*	Fabric 4 Cut 2 for Half Square Triangles	Fabric 4 Cut 2 for Split Quarter Square Triangles	Fabric 4 Cut 4 for Center Square in a Square
6" square	2-7/8" squares	3-1/4" square	1-1/2" squares
9" square	3-7/8" squares	4-1/4" square	2" squares
12" square	4-7/8" squares	5-1/4" square	2-1/2" squares
15" square	5-7/8" squares	6-1/4" square	3" squares
18" square	6-7/8" squares	7-1/4" square	3-1/2" squares

*Finished block size does not include 1/4" seam allowances

Formula:

To make the square in a square center block for the method I used in this tutorial, cut one square the size of the finished block. For example, in a 6" finished block, the center square is 2" finished, so cut one 2" square. For the half square triangles, cut squares that are half the size of the center square unit. Divide the center square by two (2) + 1/2". For a 2" finished unit, $2/2 = 1 + 1/2" =$ cut four (4) 1-1/2" squares.

For the half square triangles, cut 7/8" larger than the finished block. This makes two (2) half square triangles. For the split quarter square triangles, cut one square that is 7/8" larger than the finished unit. For the center square, cut squares that are 1-1/4" larger than the finished unit.

Fabric 3 Cut 1 for Split Quarter Square Triangles
3-1/4" square
4-1/4" square
5-1/4" square
6-1/4" square
7-1/4" square

square the size of
a 2-1/2" square. For
square finished size

If square triangles.
it, and for the other