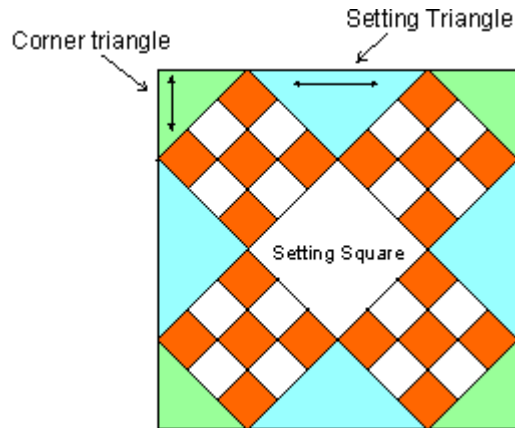# WORKSHEET FOR QUICK CUTTING METHOD FOR SETTING & CORNER TRIANGLES
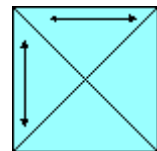
Use the formulas below to calculate the size of the squares needed for quick cutting setting triangles and corner triangles. You will need to know the finished size of your pieced block.
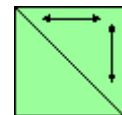

Finished Block size = _____

Setting Triangles:
1. Finished Block size x 1.414 (round to nearest 1/8") = Finished diagonal
2. Add 1.25" (or 1 1/4") to finished diagonal measurement to obtain the size of the square to cut.
3. Cut one square and cut in half diagonally TWICE for four setting triangles. Repeat to cut the number of setting triangles needed.

Corner Triangles:
1. Finished Diagonal of block ÷ 2 = Finished short side of Corner Triangle.
2. Add .875 (or 7/8").
3. Cut two squares in half diagonally ONCE for four corner triangles.

Setting Squares: Finished Block size + .5 (or 1/2")

EXAMPLE:
Finished block size = 6"

Setting Triangles: 6 x 1.414 = 8.48 (round up to 8.50)
8.50 + 1.25 = 9.75 (or 9 3/4")
Size to cut square, 9 3/4"

Corner Triangles: 8.50 ÷ 2 = 4.25
4.25 + .875 = 5.125 (or 5 1/8")
Size to cut square, 5 1/8"

Setting Squares: 6 + .5 = 6.5 (or 6 1/2")
Size to cut squares, 6 1/2"

Decimals to Fractions	
.125	1/8
.25	1/4
.375	3/8
.5	1/2
.625	5/8
.75	3/4
.875	7/8