

Quilt Math

Taking the Math out of Quilting

Common Bed Sizes

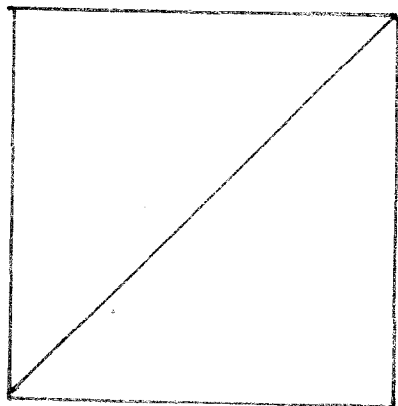
	Mattress	Quilt with Dust Ruffle
Crib	27"X52"	30"x54"
Twin	39"X75"	65"x95"
Long Twin	39"X80"	66"x100"
Full	54"X75"	80"x95"
Queen	60"X80"	86"x100"
King	76"X80"	106"x106"
Pillowcase	20"X26"	

Calculate Cutting Sizes

For $\frac{1}{2}$ square triangles

Add $\frac{7}{8}$ " to FINISHED size
Of square

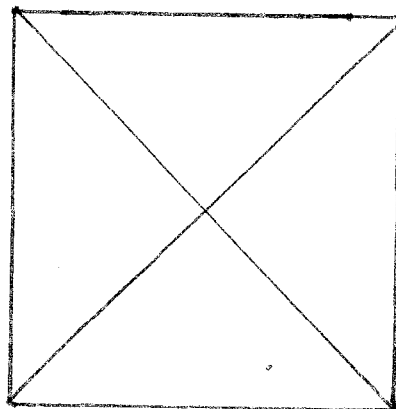
Example: for 3" finished square
Cut square $3\frac{7}{8}$ ", then
cut on one diagonal



For $\frac{1}{4}$ square triangles

Add $1\frac{1}{4}$ " to FINISHED size
of square

Example: for 3" finished square,
cut square $4\frac{1}{4}$ ",
then cut on both
diagonals



Calculating Yardage
Number of squares in 1 yard of 45" wide fabric

Size	# of Squares	Size	# of Squares
3"	180	8-9"	20
4"	99	10-11"	12
5"	63	12"	9
6"	42	13-14"	6
7"	30	15-18"	4

Diagonal Set Quilts
calculate setting triangles with straight grain along
outside edges

To determine the size squares needed to make top, bottom and side triangles for diagonally set quilt measure the diagonal of the finished design block in the quilt and add $1\frac{1}{4}$ " inches. Cut squares this size then cut on both diagonals. This makes 4 setting triangles from each block cut.

To "float" the center, add $1\frac{1}{2}$ " to $2\frac{1}{2}$ ". When adding to the outside edge, the block points will not reach the side and will appear to float within the borders.

To cut the corner triangles, cut 2 squares the same size as the design block, then cut each along one diagonal only.

