

Resizing an Art East Quilting Co. Pattern Cheat Sheet!

To resize an Art East Quilting Co. block, you must resize ALL of the pieces. While this is actually quite easy to do, it can be a lengthy process. This cheat sheet is designed to make the process quicker.

THE MATH! 😞

Before you calculate the size of your pieces, you must first figure out how small or large you intend to make your block. I suggest doing this in reference to the size of the original block. By this, I mean taking the finished dimensions of the original block (dimensions without seam allowance as would be measured in a finished project) and halving it, doubling it, tripling it...etc. This will make the process much easier than trying to “fit” a block into certain dimensions.

Let's use the Dorothy block as an example. The finished dimensions of this block are 6.5" x 16.5". If I were making this block smaller, let's say half the size, the new finished dimensions would be 3.25" x 8.25". If we were making the block larger, let's say double the size, the new finished dimensions would be 13" x 33."

If the dimensions of the block don't fit exactly what you need by doing this, I suggest going with a formula that makes the block smaller than your desired dimension and sizing it up using sashing or borders.

Let's say we are trying to fit our Dorothy block into 5" x 10" space. It is much easier to use the halved dimensions of the block (3.25" x 8.25") and add sashing than to calculate all the pieces at an odd scale to bring the dimensions as close to 5" x 10" as possible.

Once you figure out the scale of your desired block, it is now time to figure out the dimensions of all your pieces.

Since the seam allowances are provided in all the dimensions of the pieces in an Art East pattern, the first step is to subtract the seam allowances from the pieces. The seam allowances add an extra 0.5" to both the width and length of each piece.

Let's use BACKGROUND piece F as an example. The dimensions of this piece in the pattern are 3.5" x 2.25". To subtract the size without seam allowances, we need to subtract 0.5" from both the width and length of the pieces. This leaves us with 3" x 1.75".

Once the seam allowances are subtracted, you can now adjust the sizes of your pieces using the chosen scale. It is important that this scale stay consistent throughout the entire process and is applied to both the width and lengths of all the pieces.

If we are halving the size of the Dorothy block, the new dimensions of piece F would be 1.5" x 0.875" or 1 1/2" x 7/8". If we are doubling the size of the block, the new dimensions of piece F would be 6" x 3.5".

The last step in adjusting the size of your pieces is to add the seam allowances back to the pieces. This is done by adding 0.5" to both the width and length of each pieces.

For our halved piece F, this would be 2" x 1.75". For our doubled piece F, this would be 6.5" x 4".

Once the new dimensions are calculated for ALL the pieces in the block, you can cut and build your block following the same instructions in the pattern, however, just keep in mind that all dimensions are now negligible as they will be proportionate to the chosen scale of you block.

The following table is designed to give you the new dimensions of various original sizes found in any cutting guide in any Art East pattern when halving a block, increasing a block by half, doubling a block, tripling a block and quadrupling a block.

If you are decreasing or increasing a block by any other scale, you can use the above technique to figure out the dimensions of your pieces.

Also included is a blank cutting guide table you can use to fill with altered dimensions for any resized projects.

Original Dimension	Half scale (50%)	Increasing by half (150%)	Double scale (200%)	Triple scale (300%)	Quadruple scale (400%)
0.75"	5/8"	7/8"	1"	1.25"	1.5"
1"	0.75"	1.25"	1.5"	2"	2.5"
1.25"	7/8"	1 5/8"	2"	2.75"	3.5"
1.5"	1"	2"	2.5"	3.5"	4.5"
1.75"	1 1/8"	2 3/8"	3"	4.25"	5.5"
2"	1.25"	2.75"	3.5"	5"	6.5"
2.25"	1 3/8"	3 1/8"	4"	5.75"	7.5"
2.5"	1.5"	3.5"	4.5"	6.5"	8.5"
2.75"	1 5/8"	3 7/8"	5"	7.25"	9.5"
3"	1.75"	4.25"	5.5"	8"	10.5"
3.25"	1 7/8"	4 5/8"	6"	8.75"	11.5"
3.5"	2"	5"	6.5"	9.5"	12.5"
3.75"	2 1/8"	5 3/8"	7"	10.25"	13.5"
4"	2.25"	5.75"	7.5"	11"	14.5"
4.25"	2 3/8"	6 1/8"	8"	11.75"	15.5"
4.5"	2.5"	6.5"	8.5"	12.5"	16.5"
4.75"	2 5/8"	6 7/8"	9"	13.25"	17.5"
5"	2.75"	7.25"	9.5"	14"	18.5"
5.25"	2 7/8"	7 5/8"	10"	14.75"	19.5"
5.5"	3"	8"	10.5"	15.5"	20.5
5.75"	3 1/8"	8 3/8"	11"	16.25"	21.5"
6"	3.25"	8.75"	11.5"	17"	22.5"
6.25"	3 3/8"	9 1/8"	12"	17.75"	23.5"
6.5"	3.5"	9.5"	12.5"	18.5"	24.5"
6.75"	3 5/8"	9 7/8"	13"	19.25"	25.5"
7"	3.75"	10.25"	13.5"	20"	26.5"
7.25"	3 7/8"	10 5/8"	14"	20.75"	27.5"

Original Dimension	Half scale (50%)	Increasing by half (150%)	Double scale (200%)	Triple scale (300%)	Quadruple scale (400%)
7.5"	4"	11"	14.5"	21.5"	28.5"
7.75"	4 1/8"	11 3/8"	15"	22.25"	29.5"
8"	4.25"	11.75"	15.5"	23"	30.5"
8.25"	4 3/8"	12 1/8"	16"	23.75"	31.5"
8.5"	4.5"	12.5"	16.5"	24.5"	32.5"
8.75"	4 5/8"	12 7/8"	17"	25.25"	33.5"
9"	4.75"	13.25"	17.5"	26"	34.5"
9.25"	4 7/8"	13 5/8"	18"	26.75"	35.5"
9.5"	5"	14"	18.5"	27.5"	36.5"
9.75"	5 1/8"	14 3/8"	19"	28.25"	37.5"
10"	5.25"	14.75"	19.5"	29"	38.5"
10.25"	5 3/8"	15 1/8"	20"	29.75"	39.5"
10.5"	5.5"	15.5"	20.5"	30.5"	40.5"
10.75"	5 5/8"	15 7/8"	21"	31.25"	41.5"
11"	5.75"	16.25"	21.5"	32"	42.5"
11.25"	5 7/8"	16 5/8"	22"	32.75"	43.5"
11.5"	6"	17"	22.5"	33.5"	44.5"
11.75"	6 1/8"	17 3/8"	23"	34.25"	45.5"
12"	6.25"	17.75"	23.5"	35"	46.5"
12.25"	6 3/8"	18 1/8"	24"	35.75"	47.5"
12.5"	6.5"	18.5"	24.5"	36.5"	48.5"
12.75"	6 5/8"	18 7/8"	25"	37.25"	49.5"
13"	6.75"	19.25"	25.5"	38"	50.5"
13.25"	6 7/8"	19 5/8"	26"	38.75"	51.5"
13.5"	7"	20"	26.5"	39.5"	52.5"
13.75"	7 1/8"	20 3/8"	27"	40.25"	53.5"
14"	7.25"	20.75"	27.5"	41"	54.5"

Original Dimension	Half scale (50%)	Increasing by half (150%)	Double scale (200%)	Triple scale (300%)	Quadruple scale (400%)
14.25"	7 3/8"	21 1/8"	28"	41.75"	55.5"
14.5"	7.5"	21.5"	28.5"	42.5"	56.5"
14.75"	7 5/8"	21 7/8"	29"	43.25"	57.5"
15"	7.75"	22.25"	29.5"	44"	58.5"
15.25"	7 7/8"	22 5/8"	30"	44.75"	59.5"
15.5"	8"	23"	30.5"	45.5"	60.5"
15.75"	8 1/8"	23 3/8"	31"	46.25"	61.5"
16"	8.25"	23.75"	31.5"	47"	62.5"
16.25"	8 3/8"	24 1/8"	32"	47.75"	63.5"
16.5"	8.5"	24.5"	32.5"	48.5"	64.5"
16.75"	8 5/8"	24 7/8"	33"	49.25"	65.5"
17"	8.75"	25.25"	33.5"	50"	66.5"
17.25"	8 7/8"	25 5/8"	34"	50.75"	67.5"
17.5"	9	26"	34.5"	51.5"	68.5"
17.75"	9 1/8"	26 3/8"	35"	52.25"	69.5"
18"	9.25"	26.75"	35.5"	53"	70.5"
18.25"	9 3/8"	27 1/8"	36"	53.75"	71.5"
18.5"	9.5"	27.5"	36.5"	54.5"	72.5"
18.75"	9 5/8"	27 7/8"	37"	55.25"	73.5"
19"	9.75"	28.25"	37.5"	56"	74.5"
19.25"	9 7/8"	28 5/8"	38"	56.75"	75.5"
19.5"	10"	29"	38.5"	57.5"	76.5"
19.75"	10 1/8"	29 3/8"	39"	58.25"	77.5"
20"	10.25"	29.75"	39.5"	59"	78.5"

