

## Math behind Binding Directions:

I want to give you the formula for figuring out how much fabric you need to buy for your quilt. This formula will work on any quilt you will be making.

For this example, we will be using a 35" x 45" quilt measurement.

1. Measure your quilt: width 35", length 45"
2. Add them together then multiply by 2 for the total inches you need for your binding.  
Example:  $(35 + 45) \times 2 = 160$
3. Take the some (160") and divide by width of the fabric (40") to figure how many strips to cut and add one more strip for corners. Example:  $160 \div 40 = 4 + 1 = 5$
4. How wide do you want to cut your strip? (Average is 2-1/2")
5. Multiply number of strips with the width of the strips.  
Example:  $5 \times 2-1/2 = 12-1/2$
6. The result are that you need a minimum of 12-1/2 inches.

## Now the preparing of the strips:

1. Place your fabric short ends perpendicular, right sides together to each other (figure 1).
2. Pin as shown (figure 1). This will help you remember which direction to sew.
3. You want to start at the top left corner of the bottom piece and continue sewing to the bottom corner of the top piece (figure 2).
4. Follow steps 1-3 to sew the remaining strips together.
5. Trim all seams to 1/4" and press open. (figure 3)



Figure 3



Figure 1



Figure 2

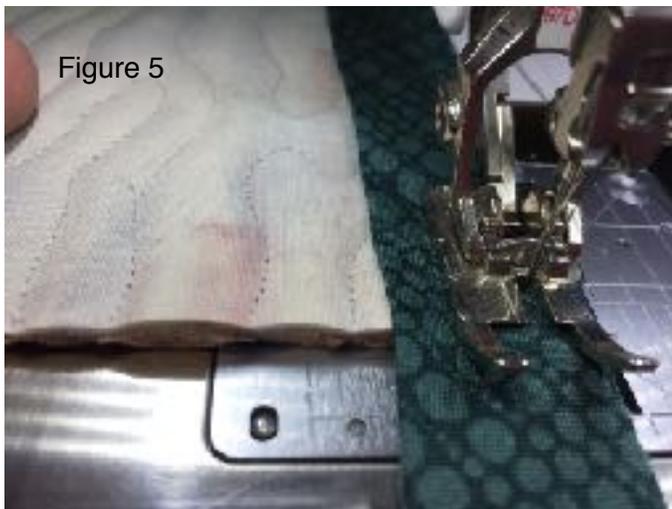
6. Press binding in half along the long sides (it should measure 1-1/4" wide). (figure 4)

7. Start sewing the binding 6-8" in from the end of the binding and somewhere on one of the quilt sides at least 3" from a corner.

8. Match the raw edge of the binding to the edge of the quilt. Sew at 3/8" seam allowance.

9. Corners.....Using your fabric marker, mark 3/8" in from the end of that side of the quilt and knot the stitch. (figure 5)

10. Fold binding to the right so the raw edge of the binding creates a continuing line from the next side of the quilt. Creating a 45 degree angle fold. (figure 6)



11. Keeping the 45 degree angle fold created in figure 6, fold the binding back to align the raw edge of binding to the edge of the quilt's next side and create a fold at the edge of the first side. (figure 7)

12. Rotate the quilt 1/4 turn. Start at the now top edge of the next side and secure stitching. Continue sewing at 3/8" seam allowance.

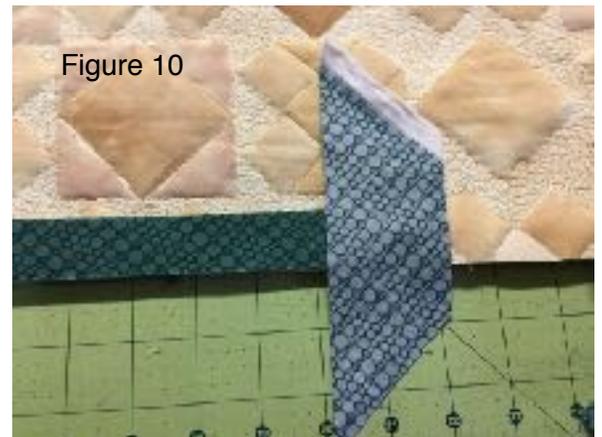


13. Continue on all sides leaving about 10-12" from where you started. (figure 8)

14. Pin left side of the binding tail. Leave a good 6" from where you stopped sewing on the right side. (figure 9)

15. From the opposite end of the binding (on the right side) cut of a chunk of binding measuring about 3" long.

16. Open up and place a long side flush with the left end of the binding that you pinned. (figure 10)



17. Place the right end of the binding over the left side and cut the right end of the binding so it is flush with the left side of the inserted 3" piece. (figure 11)

18. Open left side of binding so that wrong side of the fabric is facing you. Open the under edge of the right side of the binding so that the right side of the fabric is facing you. (figure 12)



19. Rotate the left edge of the binding to be perpendicular to the right edge. Pin as shown (figure 13) and sew top left corner to bottom right corner (in the direction of the pins).

20. Make sure you did not twist the binding by folding in half and aligning raw edge of binding to edge of quilt. It should lay flat (Figure 14)

21. Trim the seam allowance to 1/4" as you did in the previous strips and continue to sew the binding so it is sewn all around the quilt.

22. Fold the fold part of the binding to the back of the quilt and hand sew as shown in figure 15.



Figure 13



Figure 14



Figure 15

23. You want to use a small stitch that is riding right along the edge of the quilt (figure 15).

Congratulations! Now you are done with the binding!