

## Size of Fabric Square Needed to Make Bias Binding

Length of Bias Needed	1" Wide	2" wide	3" wide	4" wide	5" wide	6" wide	7" wide
60"	8.5"	12"	14.5"	16"	18"	20"	21.5"
72"	9.5"	13"	15.5"	18"	20"	22"	23.5"
100"	10.5"	15"	18.5"	20.5"	23.5"	25.5"	27.5"
144"	12.5"	18"	21.5"	25.5"	28"	30:	32.5"
200"	15"	20.5"	25.5"	29"	32"	35.5"	38.5"
250"	16.5"	23.5"	28.5"	32.5"	36.5"	39.5"	43"
300"	18.5"	25.5"	31"	35.5"	39.5"	43.5"	46.5"

Other length needed? Use the following formulas

### Bias made from a square of fabric:

Length x Width of Bias = \_\_\_\_\_ of square inches needed divided by sq. root

#### **Example:**

For 100" of 3" bias:

$100 \times 3 = 300$  sq. inches = 17.3" square (round up to 18")

### Bias made from a rectangle of fabric:

Length of Bias x Width of Bias = Sq. inches of fabric needed ÷ fabric width = fabric in inches ÷ 36 = fabric in yards.

#### **Example:**

You need 300" of bias binding that is 3" wide,

$300 \times 3 = 900$  in<sup>2</sup>

$900 \text{ in}^2 \div 43" = 20.9$  inches of 43" wide fabric. (Or 5/8 yd (rounded up))

### If you have some fabric and want to know how much bias binding it will make:

Length (minus seam allowance) x width (minus seam allowance) ÷ width of bias = number of inches of bias binding

#### **Example:**

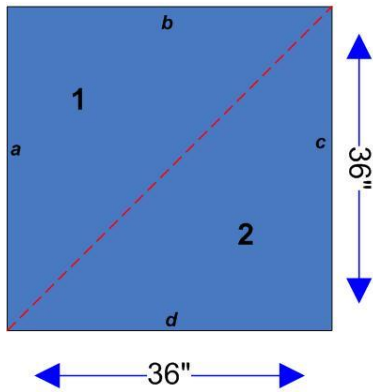
You have a 22 inch square of fabric and want 3" bias strips:

$21.75 \times 21.75 = 473$  in<sup>2</sup>

$473 \div 3 = 157"$  of bias binding (not numbers have been rounded to the nearest whole number).

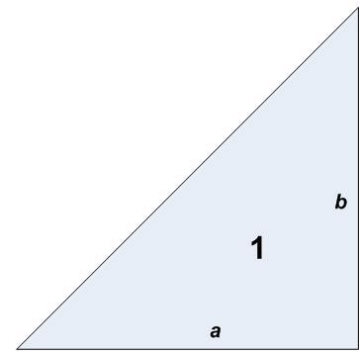
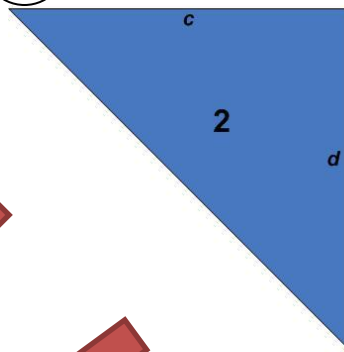
1

Cut a square of fabric  
Fold along diagonal  
Cut on fold line



2

Rotate piece 2 by 90°

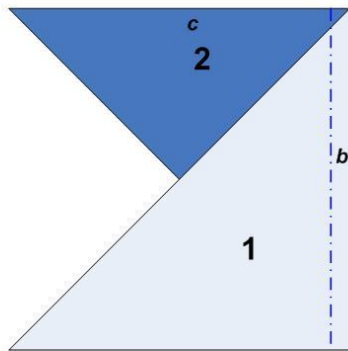


Turn piece 1 to wrong  
side up  
Align as shown



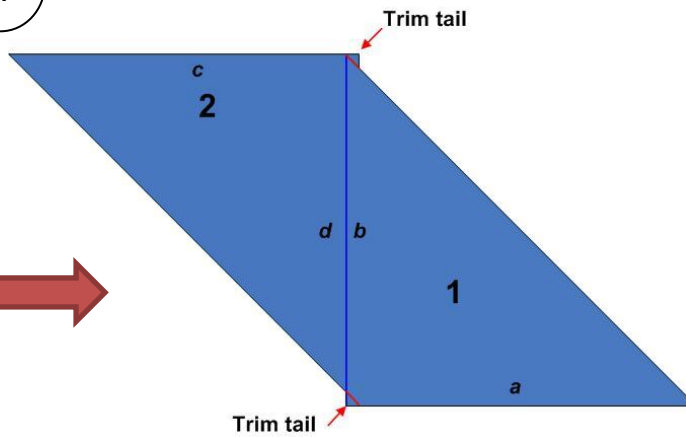
3

Place the two pieces of fabric,  
right sides together  
Stitch 1/4" seam along right side of triangle (side  
b of piece 1)



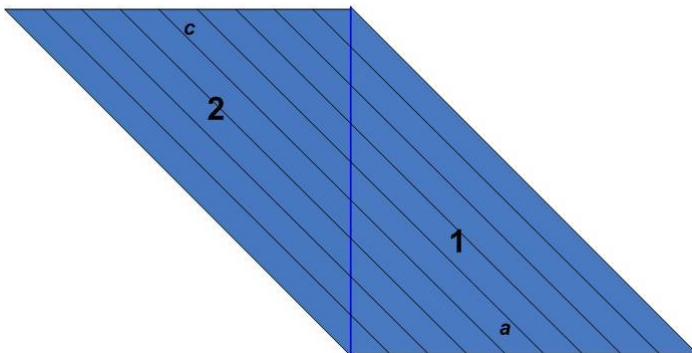
4

Open fabric and press seam



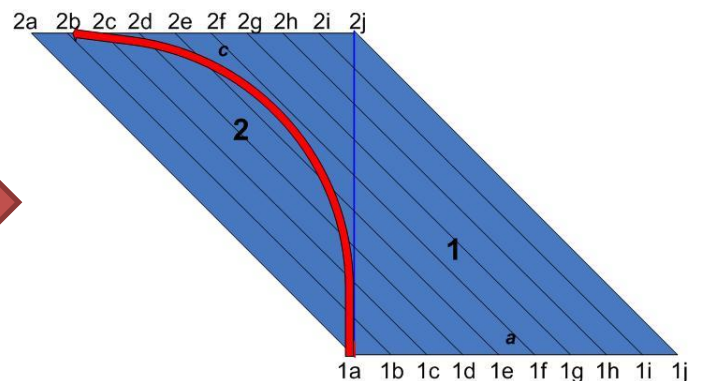
5

On the right side of the fabric,  
mark a series of parallel lines that are spaced  
apart the desired width of binding. (4" shown  
here)

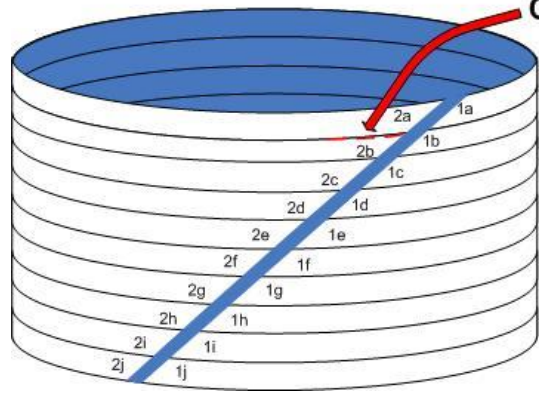


6

Bring right sides together along edges "c" and  
"a".



7

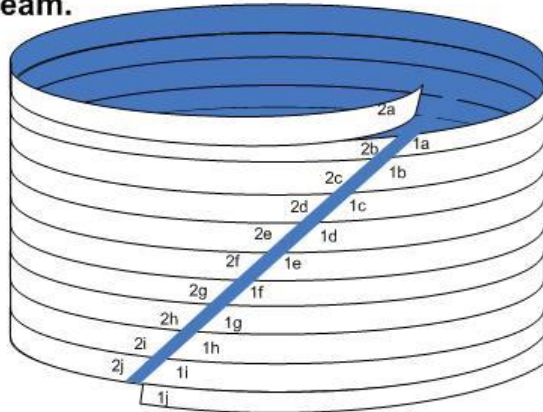


Fold fabric to make a tube.  
Cut on top line (2a) about 4 to 6"



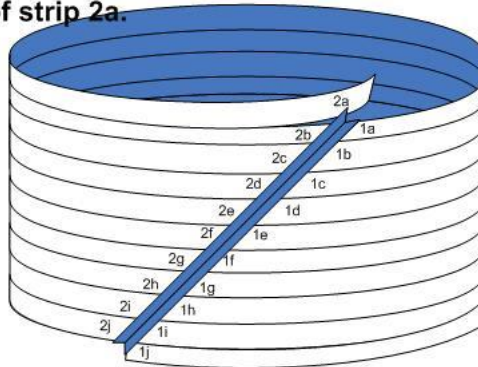
Align numbers as shown, offsetting strips so that 2b aligns with 1a. Bring ends right sides together and make a 1/4" seam.

8

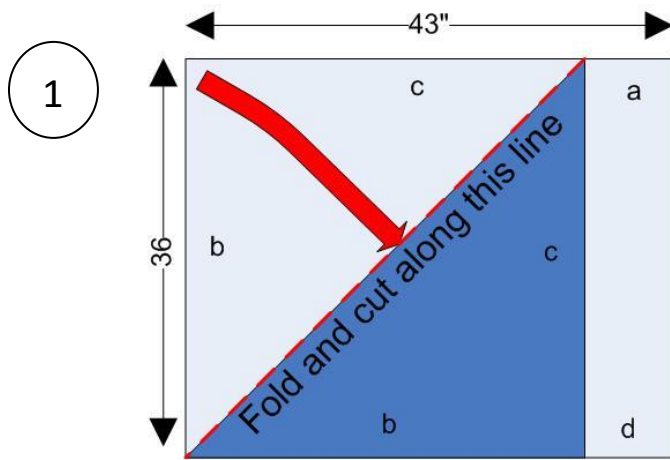


After sewing the seam, cut, following lines in a spiral fashion, starting at free end of strip 2a.

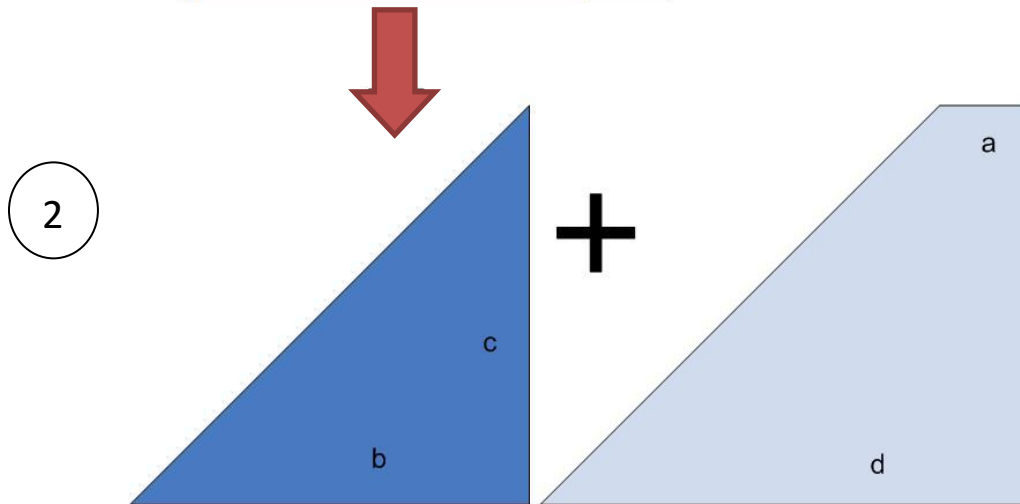
9



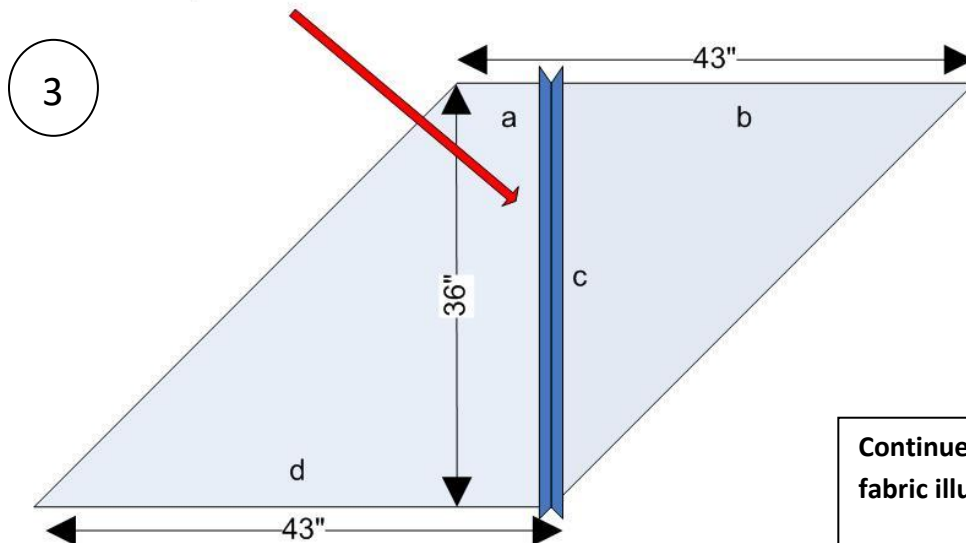
To make continuous bias binding out of a rectangle:



Fold fabric on a 45 degree angle, lining up edge "b" (36" in this illustration) with edge "d" (43" in this illustration). Cut along fold line, resulting in two pieces of fabric.



With right sides together, align sides "c" of the two pieces of fabric and sew a 1/4" seam, joining the two pieces of fabric.



Continue with steps 4 – 9 as for a square of fabric illustrated above.