

## BUILD YOUR OWN LOG CABIN

**Step 1:** Determine finished size of focus print (Pink in example).

$$\text{Finished Width} = A$$

$$\text{Finished Length} = B$$

**Step 2:** Determine finished width of strips. For ease assume they are all the same.

$$\text{Finished Strip Width} = X$$

**Step 3:** Pick two color gradients. (Purple and Green in example)

**Step 4:** Set number of Rounds (R) for the "logs". (Four strips in example)

**Step 5:** Calculate fabric cutting requirements according to Table. Note that 1/2" is added to length and width for the seam allowance. Do you see the pattern for the cutting??

Piece	Width	Length	Round
Center	$A + 1/2$	$B + 1/2$	
1	$X + 1/2$	$A + 1/2$	1
2	$X + 1/2$	$B + 1X + 1/2$	1
3	$X + 1/2$	$A + 1X + 1/2$	1
4	$X + 1/2$	$B + 2X + 1/2$	1
5	$X + 1/2$	$A + 2X + 1/2$	2
6	$X + 1/2$	$B + 3X + 1/2$	2
7	$X + 1/2$	$A + 3X + 1/2$	2
8	$X + 1/2$	$B + 4X + 1/2$	2
9	$X + 1/2$	$A + 4X + 1/2$	3
10	$X + 1/2$	$B + 5X + 1/2$	3
11	$X + 1/2$	$A + 5X + 1/2$	3
12	$X + 1/2$	$B + 6X + 1/2$	3

### Calculation for Long Length:

$$\text{Top log} = A + (R-1)X + 1/2$$

$$\text{Right log} = B + RX + 1/2$$

$$\text{Bottom log} = A + RX + 1/2$$

$$\text{Left log} = B + (R+1)x + 1/2$$

Where A is the Center finished width, B is the Center finished length, X is the finished log width, and R is the Round of log you are adding!

