



Formula for Loom Knit Earflap Hats

Loom Knitting
Tutorials

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Earflap hats are always a wonderful item to have around. They keep the noggin and the precious ears warm and toasty. They are quite popular on little ones and even adults love them, especially skiers and snowboarders.

Creating an earflap hat shouldn't be intimidating. There is a little of math involved but it is easy math, dividing and adding/subtracting.

A few questions come to mind right away—where should we place the earflaps? How much distance should we allow at the front? How much of a gap at the back?

Algebra will come to the rescue in this case. Whenever you need to make a hat, simply plug in your numbers into the equations below and you will have the information for your hat.



A=Number of pegs on the hat loom

Next, $A \div 3 = B$

B=The gap of stitches at the front of the hat.

$A - B = C$

Next, $C \div 3 = D$

D=Earflap width (Round up).

Next, figuring the gap distance at the back.

$E = C - (D \times 2)$ =Gap distance at the back of the hat.

Our example with peg numbers:

$A = 48$ (Purple Knifty Knitter Round Loom)

$48 \div 3 = 16$

$B = 16$ (Number of stitches at the front of the hat, round up when needed)

$48 - 16 = 32$

$D = 32 \div 3 = 10.66 \approx 11$

$D = 11$ (Earflap width (rounded up))

$E = 32 - (11 \times 2) = 10$

$E = 10$ (Gap distance at the back of the hat)

Below is a table with some popular hat numbers and their corresponding earflap widths, front gap and back gap.

Hat Loom Number	Front Gap	Earflap	Back Gap
36	12	8	8
40	13	9	9
44	15	10	10
48	16	11	11
52	17	12	12
56	19	12	12
60	20	13	13
64	21	14	14
68	23	15	15
72	24	16	16