Neckline Math Worksheet

Calculating the Neckline Stitches

Because we are beginning at the neck line the first thing we need to do is calculate how many stitches it will take to go around your entire neck.

1. _____ stitch gauge x _____neck size = _____ **total neck stitches**

Example:
If my stitch gauge is 5sts/inch and my neck measurement is 19" my equation will look like this: 5 x 19 = 95 total neck stitches

The next step is to divide the total neck stitches into portions for the front, back and sleeves.

Round any fractional number to the nearest number of whole stitches.

Calculating the Back, Sleeve & Increase Stitches

2. _____total neck stitches x 0.33 = _____ **back stitches**

Example:
Because I had 95 total neck sts in equation #1 my math will look like this: 95 x 0.33 = 31.35 (since it is impossible to make .35 of a stitch I will round to the nearest whole number, 31).

3. _____ back stitches x 0.25 = _____ **sleeve stitches**

Example:
Because I had 31 back sts in equation #2 my math will look like this: 31 x 0.25 = 7.75, we'll round to the nearest whole number and end up with 8 sleeve stitches.

Increase stitches = 8 (this number never changes)

Calculating The Front Stitches

To find the number of front stitches we will subtract the back stitches, both sets of sleeve stitches and the increase stitches from the total neck stitches.

4. _____total neck stitches - (_____ back stitches + _____ sleeve stitches + _____sleeve stitches + 8) = _____ **front stitches**

Example:
Using the numbers from equations 1-3 to fill in the blanks my math will look like this: 95 - (31 + 8 for the right sleeve + 8 for the left sleeve + 8 increase stitches) = 40 front stitches.

At this point make sure that the front has more stitches than the back.

If the back has more stitches than the front, move some stitches from the back to the front until the front has more stitches than the back.

Separating The Front Stitches

Next you will divide the front of the neck into right, left and center sections according to the type of neckline you have chosen.

FOR A CREW NECK:

5. _____ front stitches x 0.25 = _____ **right front stitches**

Example:
The math will look like this: 40 x .25 = 10 right front stitches.

6. _____ front stitches x 0.25 = _____ **left front stitches**

Example:
#6 is the same as #5 so the math will look like this: 40 x .25 = 10 left front stitches.

7. _____ front stitches - (_____right front stitches + _____left front stitches) = _____ **center front stitches**

Example:
Using the numbers from equations 5 and 6 the math will look like this 40 - (10 + 10) = 20 center front stitches

FOR A V NECK:

5. _____ front stitches x 0.50 = _____ **right front stitches**

Example: The math will look like this: 40 x .50 = 20 right front stitches

6. _____ front stitches x 0.50 = _____ **left front stitches**

Example: #6 is the same as #5 so the math will look like this: 40 x .50 = 20 left front stitches