

5+3=8 Math patterns in movement

Scarf/Shawl instructions - sample knit with Tamm Beebee on bulky T3

CONCEPT: Repeating movement of stitches to give a geometric lacey pattern in the fabric. Using needles out of work to increase the openness. Knitting on a bulky or mid-gauge machine with thinner 3 ply yarn to increase the lightness of the fabric. Steaming thoroughly to increase drape.

EDGING OPTIONS: There will be 2 needles in work on either edge. Those needles can be left to just knit and will roll on the finished product, OR those 2 needles can be removed every 4 rows and spun completely around and hung back on 2 needles. This creates a simple scalloped edge.

SET-UP: Needles are set up with groups of needles in work with 1 needle out of work between each group. Starting with the left edge bring 2 needles to work and leave 1 needle out of work for edging. Then, bring alternating groups of 5 and 3 stitches to work, leaving 1 needle out of work between each group. For a scarf width use 8 or 9 groups. For a shawl width use ____ groups.

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CAST-ON: Crochet across the needles being sure to chain 2 where the needles are out of work. For a looser cast on crochet around a hand needle placed over the machine needles. See Susan Guagliumi's free videos for detailed instructions.

KNIT: You will be transferring stitches every 8 rows turning the groups of 5 stitches into 3 by using the 2 prong tool and moving the right 2 stitches and left 2 stitches in 1. That will end up with 3 stitches on the center needle and 2 empty needles to push out of work. You will also turn the groups of 3 stitches into 5 by bringing a needle into work on either side of the group of 3. The edge 2 stitches need to be moved in and out as needed to keep a single stitch out of work between the edge 2 and the next group.

RC000, COR, main yarn and tension K4R. Transfer stitches and bring needles into work to turn groups of 5 into 3 and groups of 3 into 5. If making twisted edging twist the 2 edge stitches toward the center all the way around and return them so that there is a needle out of work between them and the next group. K4R. Turn edge stitches if making the twisted edge. (If not making the twisted edge stitches just knit 8 rows in between transfers) K4R. Turn the groups of 5 into 3 and the groups of 3 into 5 as before, move the edge stitches as needed to keep one needle out of work between the edge group and the adjacent group.

K4R twist edges (if doing so) K4R transfer 5 to 3 and 3 to 5 - repeat

IF NOT MAKING TWISTED EDGE STITCHES: K8R Transfer 5 to 3 and 3 to 5 - repeat

For Scarf knit at least 300 rows, for shawl knit 400 or more depending on how long you like them.

Cast off very loosely around the gate pegs making sure to chain 2 where there are needles out of work.

Block well and steam well - kill it - to give the most drape.

Extending the concept: 6+4=10 - changing between groups of 6 and 4 and knitting 10 rows.
7+5=12;