WORKSHEET

## Add a crewneck with short rows





Stitches per inch Rows per inch Stitches in shoulder (final stitch count before trim) Stitches in front neck (final stitch count before trim)
Starting neck depth  Stitches in shoulder divided by stitches per inch = (shoulder width). Shoulder width divided by two = (starting neck depth)
Neck shaping depth  Desired front neck depth minus starting neck depth =
Neck shaping rows  Neck shaping depth times row gauge per inch = (round to even number)
Bottom neck stitches Stitches in front neck times 40 - 55% =
Stitches to shape out  ((Stitches in front neck minus bottom neck stitches) divided by 2)  minus 1 =
Stitches removed at rate A (A) Stitches to shape out divided by 2 = (round to even number)
Stitches removed at rate B (B)  Stitches to shape out minus A =
Calculate rows used in shaping
Rows used in shaping: A plus (B times 2) =
If neck shaping rows is smaller than rows used in shaping, increase bottom neck stitches, increase A, or reduce desired neck depth if possible.
If neck shaping rows is greater than rows used in shaping, decrease bottom neck stitches, decrease A, or increase desired neck depth if possible.

## Rows to follow pattern as written (D) Raglan rows in pattern minus neck shaping rows minus 1 = 1/2 of bottom neck stitches (C) If even: bottom neck stitches divided by two = \_\_\_\_\_ If odd: (bottom neck stitches minus 1) divided by two = Instructions These instructions use German Short Rows. If you are unfamiliar with the technique, see below. Work in pattern as established for (D) \_\_\_\_\_ rows. Place a stitch marker at the middle of the front neck stitches (if even, place between stitches, if odd, use a locking stitch marker on the center stitch). **Row 1 (RS):** Work in pattern to (C) sts before marker / marked st, turn. Row 2 (WS): DS, work in pattern to (C) \_\_\_\_\_ sts before marker / marked st, turn. **Row 3:** DS, work in pattern to 1 st before DS, turn. Row 4: DS, work in pattern to 1 st before DS, turn. Repeat Rows 3 and 4 (A/2 - 1) \_\_\_\_ more times, ending after a WS row. **Next row (RS):** DS, work to DS, turn. Next row (WS): DS, work to DS, turn.

Next row (RS): DS, work to BOR.

**Next round:** Work around in pattern, resolving all DSs. This should be the last row given in your pattern for raglan shaping.

Repeat these two rows (B-1) \_\_\_\_ more times, ending after a WS row.

## **Technique: German Short Rows**

To work German short rows, work the specified number of sts, turn the work, and work a DS (Double Stitch) as follows: slip the last worked st purlwise with yarn in front from the left needle to the right. With very firm tension, wrap the yarn from the front over the needle to the back - this will cause the stitch's legs to pull up, giving the appearance of being two sts.

The yarn is now in the back of your work, ready to work a knit st. If the next st is a purl st, continue wrapping the yarn, bringing it under and between the needles. Work the next few sts with firm tension. Once short rows are completed and you resume knitting, resolving the double stitches (DSs) by knitting both legs together as one stitch. No sts are inc'd or dec'd during short row shaping.