



Getting
the Knit-Knack

An
Intermediate
Guide
for
Family Knitting

brother

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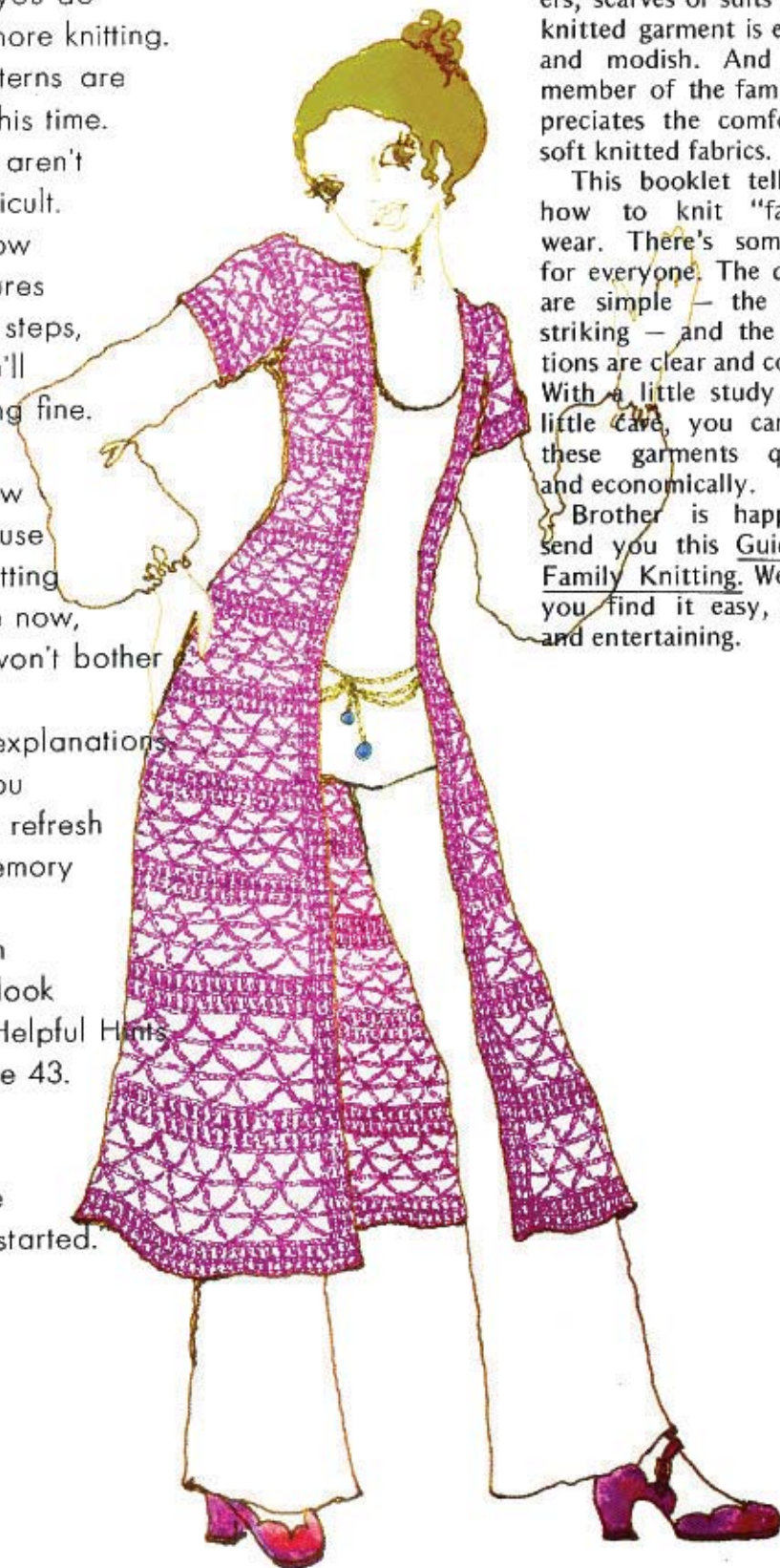
"Hello there!
It's Knitting Nell again.
I'm back
to help you do
a little more knitting.
Our patterns are
fancier this time.
But they aren't
very difficult.
Just follow
the pictures
and the steps,
and you'll
get along fine.
I'm sure
you know
how to use
your knitting
machine now,
so we won't bother
with the
simple explanations.
But if you
want to refresh
your memory
a bit,
you can
take a look
at the Helpful Hints
on page 43.
Well,
I think
it's time
to get started.

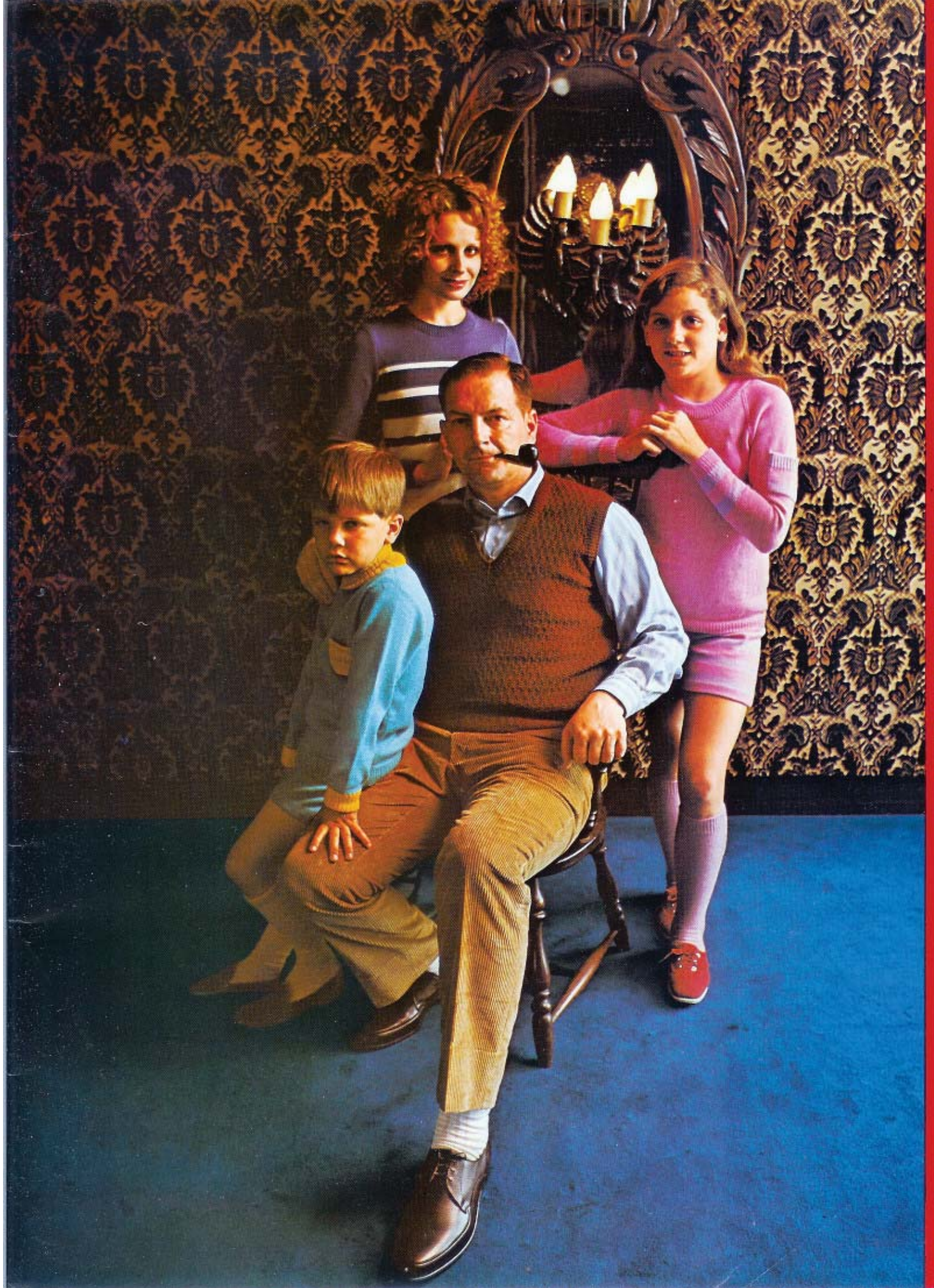
Introduction

Knit wear is the "in" wear now. Dresses, sweaters, scarves or suits — any knitted garment is elegant and modish. And every member of the family appreciates the comfort of soft knitted fabrics.

This booklet tells you how to knit "family" wear. There's something for everyone. The designs are simple — the colors striking — and the directions are clear and concise. With a little study and a little care, you can knit these garments quickly and economically.

Brother is happy to send you this Guide for Family Knitting. We hope you find it easy, useful and entertaining.





Lady's Pullover



Lady's Pullover

Materials

Four-ply yarn
 Purple: 11 ounces (300grams)
 White: 14 ounces (400grams)

Measurements

Overall length: 21.9 inches (55.5cm.)
 Bust: 36 inches (92cm)
 Sleeve: 21 inches (54cm)

Tension

Plain knitting Tension 5

Directions

BACK

Hem fold

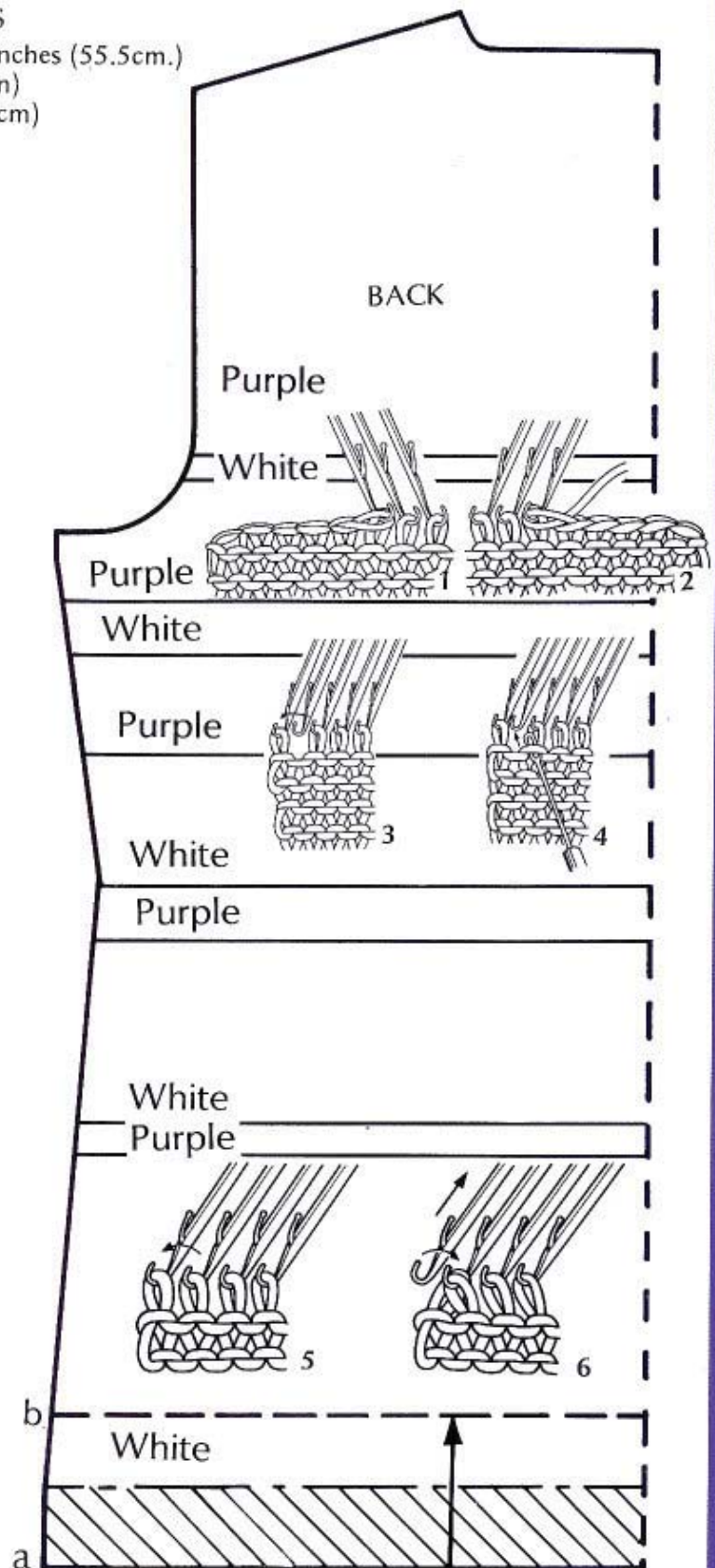
1. Set tension dial at 5.
2. Using the stitch measure scale and following notations on the pattern, determine the number of stitches for the hem line.
3. Set needles in B position.
4. Knit ten rows with spare yarn and one row with cast on thread.
5. Knit until Line b with knitting yarn.
6. Hook first row (bottom row) done with knitting yarn on needles.
7. Knit together and pull out cast on thread.

Body

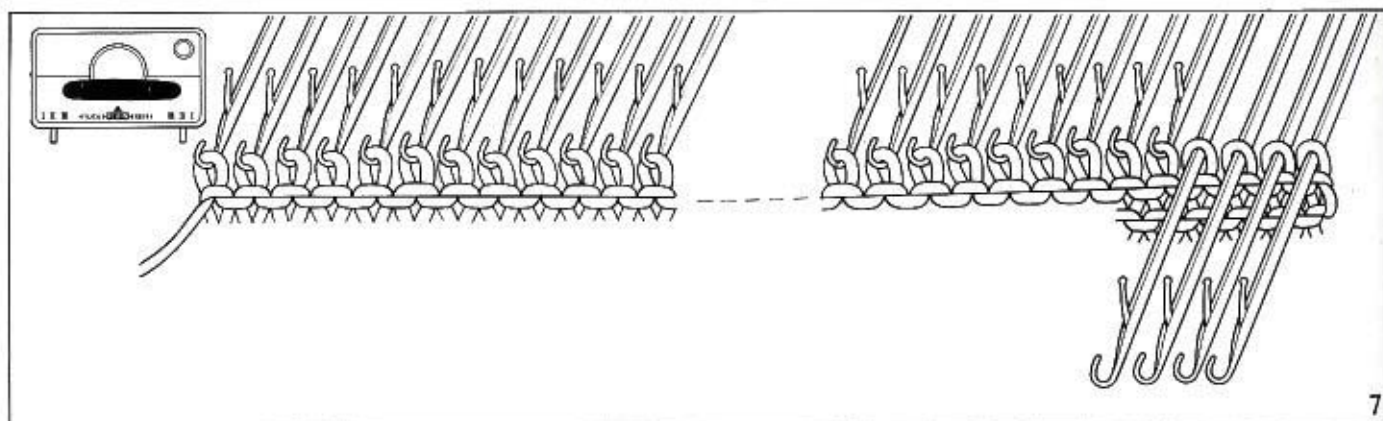
1. Knit up to the bottom of the armholes, increasing or decreasing stitches and changing yarn color according to the pattern. (Fig. 3, 4, 5, 6)

Armhole

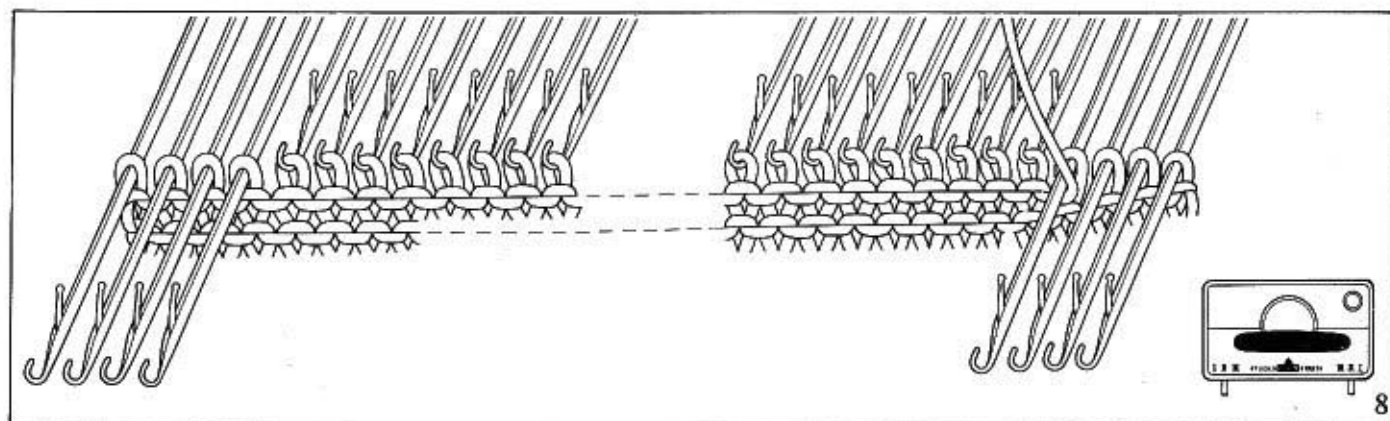
1. Following the notations on the pattern, cast off stitches at the bottom of the armhole (Fig. 1, 2) and then decrease stitches to shape armhole. (Fig. 5, 6)



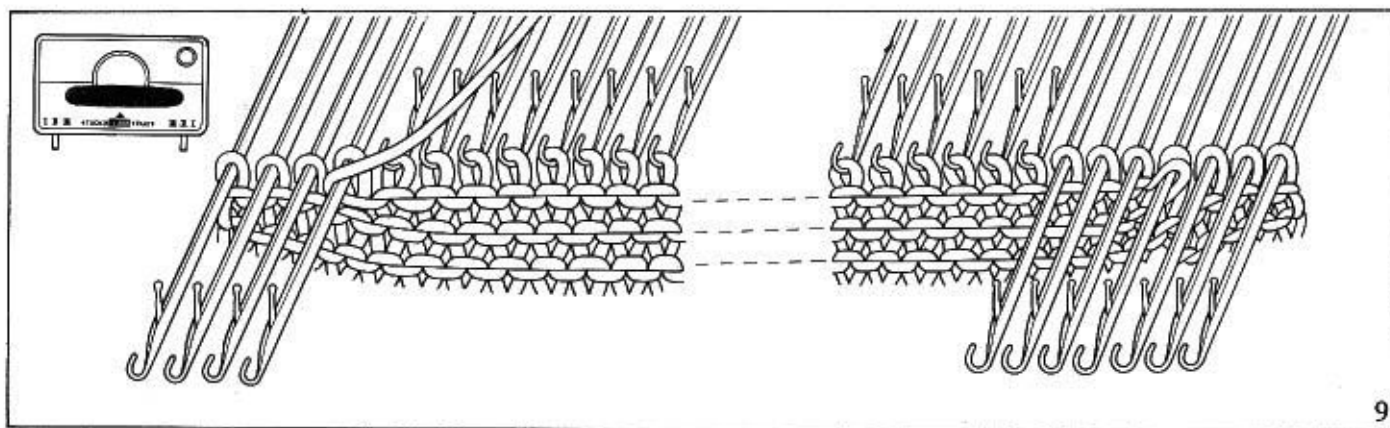
Shoulder : Do partial knitting to shape shoulder.



1. Select same number of needles as there are stitches in the bottom row of the shoulder line, and pull out to E position.
2. Set both holding cam levers at II. (Fig. 7)



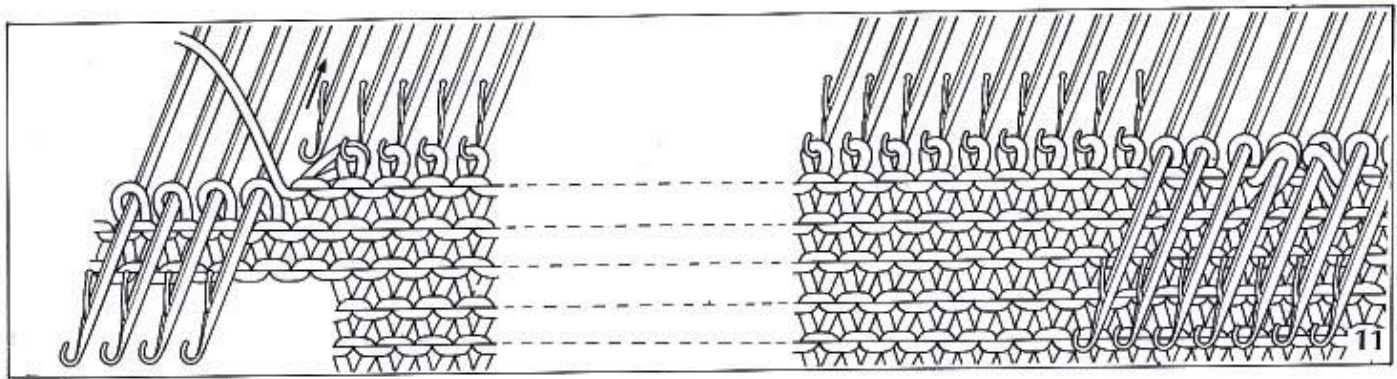
3. Starting from the carriage side, knit one row.
4. Pass the yarn under the stem of the first needle in E position.
5. On the side opposite the carriage, select needles according to the shape of the shoulder on the pattern, and place in E position. (Fig. 8)



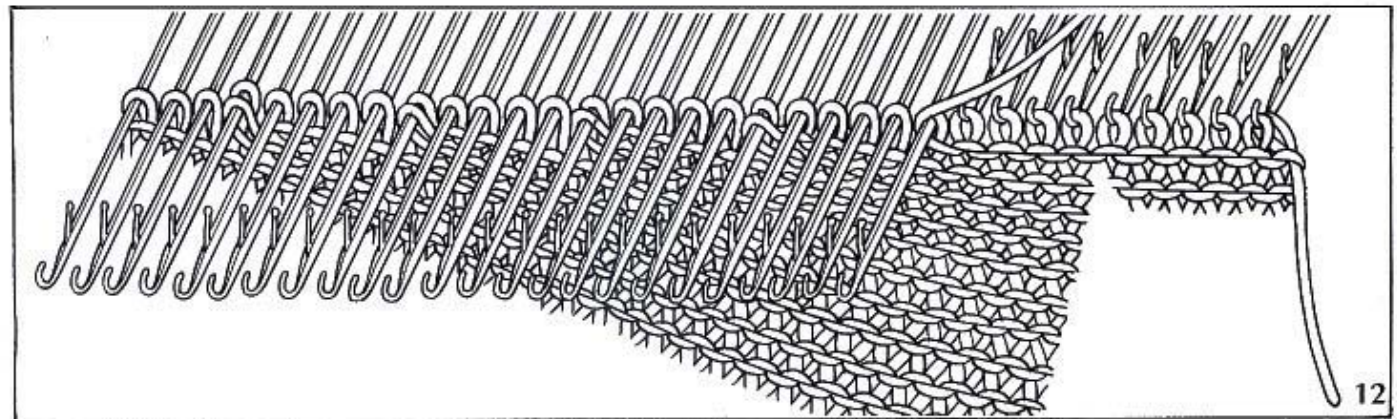
6. Repeat the procedure and knit as far as the bottom of the neckline.

Back neckline

1. At the carriage side, push needles for parts marked in red (Fig. 10) to E position. (Assume carriage is at right side.)
2. Starting from the carriage side, do partial knitting to shape shoulder, and, at the same time, decrease stitches to shape neck line. (Fig. 11)



3. When one side of the neckline is finished, cut the yarn, leaving about 12 inches (30 cm) at the end. Keep both holding cam levers at II.
4. Set the needles for parts marked in blue in D position. (Fig. 10)
5. Knit 10 rows with spare yarn and then remove completed part of shoulder from the knitter.



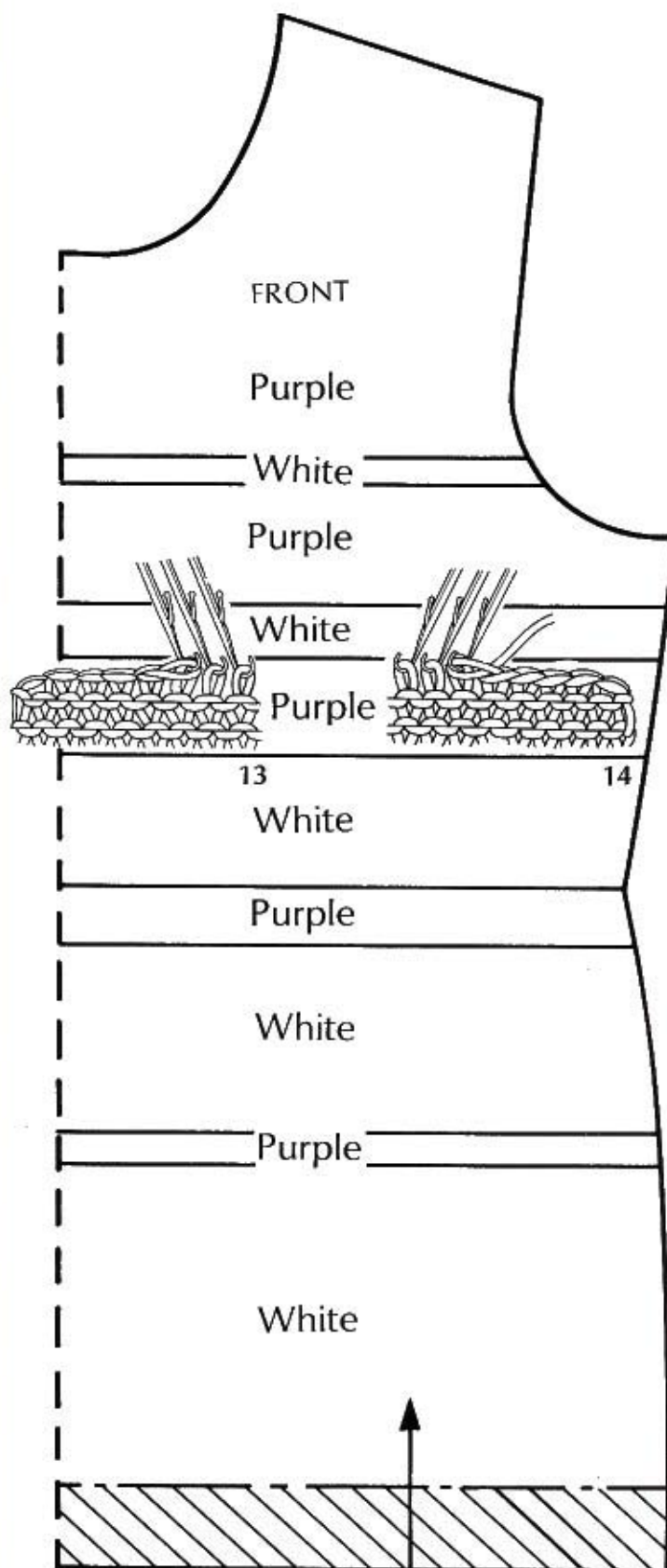
Bottom of neckline

1. Push needles for parts marked in black (Fig. 10) back from E to D position.
2. Knit 10 rows with spare yarn.
3. Remove bottom of neckband from the knitter.

Other shoulder

1. Roll pattern sheet back to the starting line for the neck.
2. Check to see that needles are in the correct position and that both holding cam levers are at II.
3. Knit following directions given above. (Fig. 12)
4. When the neckline is completed, knit 10 rows with spare yarn and then remove entire shoulder from the knitter.

FRONT



Hem fold

1. Follow same instructions as for the back.

Body

1. Follow same instructions as for the back.

Armhole

1. Knit according to the pattern and cast off stitches at bustline (Fig. 13, 14), then increase or decrease stitches.
2. Knit to row where neck shaping begins.

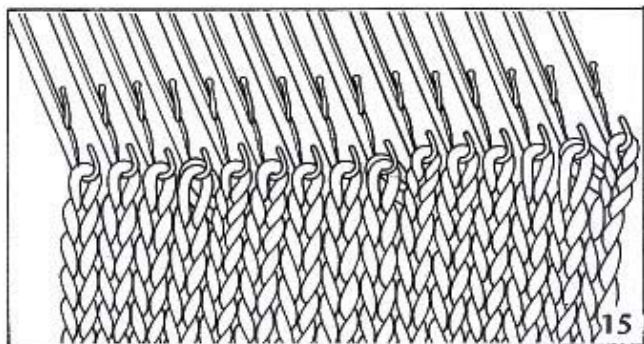
Neckline

1. Set needles on carriage side in E position.
2. Set both holding cam levers at II.
3. Knit 10 rows opposite carriage side with spare yarn, and then remove waste knitting from the knitter.
4. Change both holding cam levers to I.
5. Knit as far as the shoulderline, decreasing stitches to shape neckline, and increasing for the armhole.

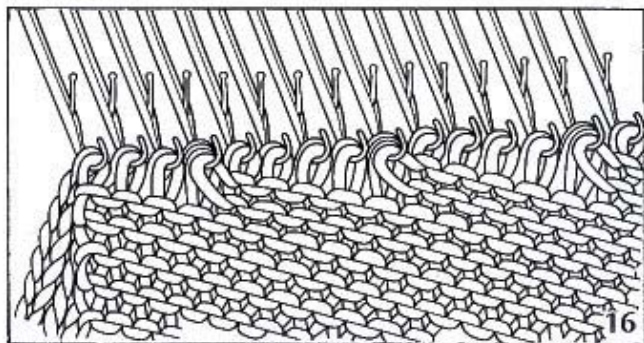
Shoulder

1. Do partial knitting following the curve of the shoulder on the pattern. (See back shoulder) This will shape shoulder and make the neckline.
2. Knit 10 rows with spare yarn and remove the finished part from the knitter.
3. Hook stitches removed in step 3 (neckline) on to needles.
4. Remove waste knitting.
5. Knit as instructed in step 1 above.
6. Knit 10 rows with spare yarn and remove from the knitter.

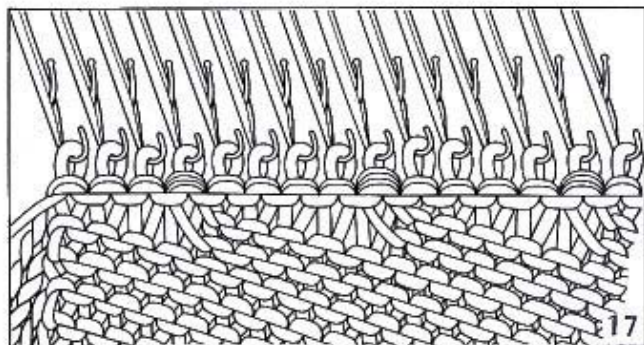
Shoulder seams



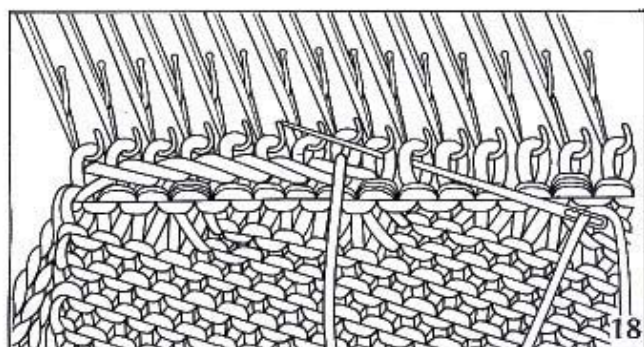
1. Hook one of the back shoulders on to the knitter, with the right side (outside) of the material facing yourself. Unravel waste knitting. (Fig. 15)



2. Hook the front part of shoulder, reverse side (inside) out, on the same needles as the back part. Unravel waste knitting. (Fig. 16)

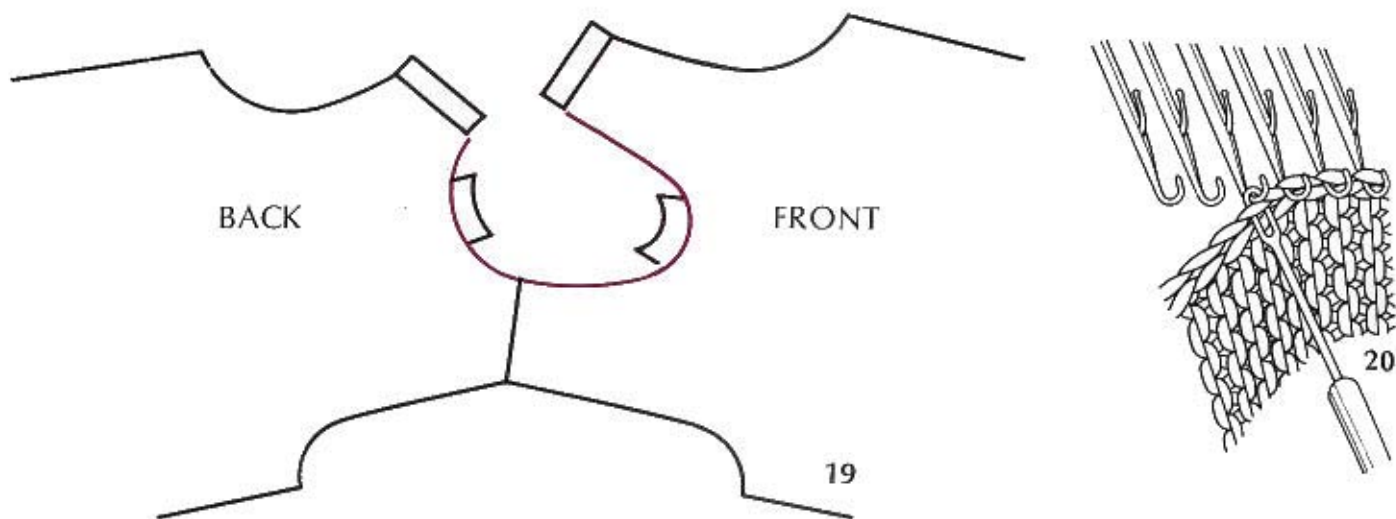


3. Knit one row from right to left. (Fig. 17)

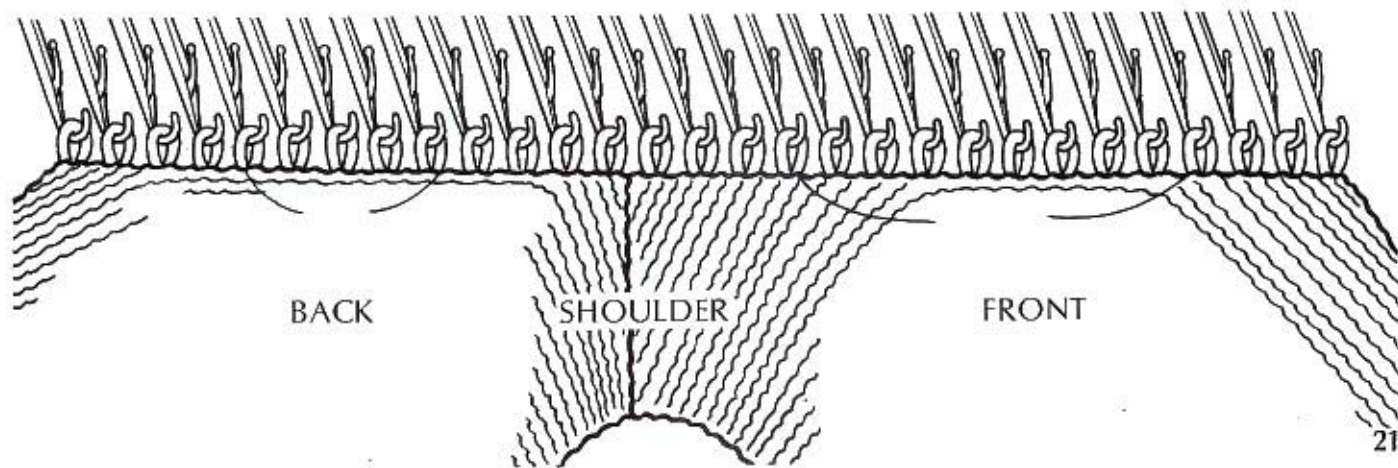


4. Seam by drawing tapestry needle through every other loop. (Fig. 18)

Neckband



1. After one shoulder is seamed, put needles (marked in red in Fig. 19) in E position.



2. Hook stitches for whole neckline on to knitter. (Fig. 20, 21)

3. Change tension dial from 5 to 4, and set both holding cam levers at I.

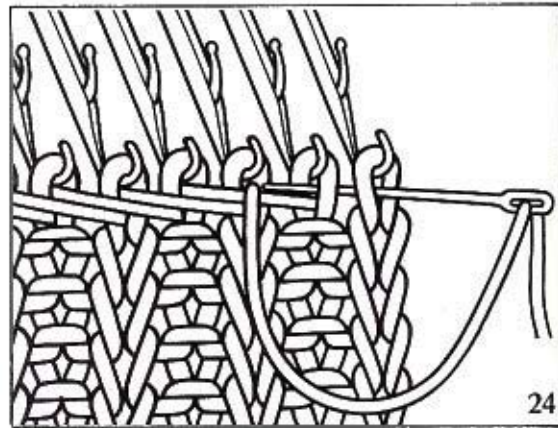
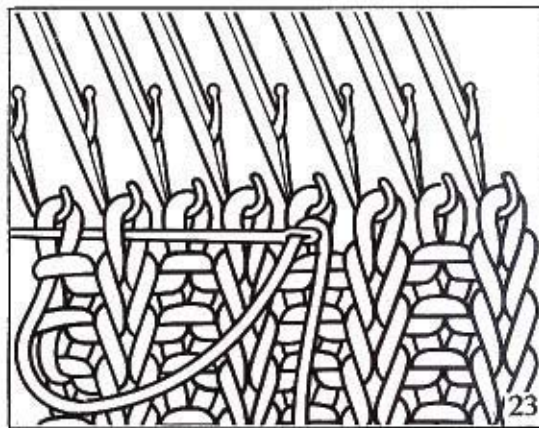
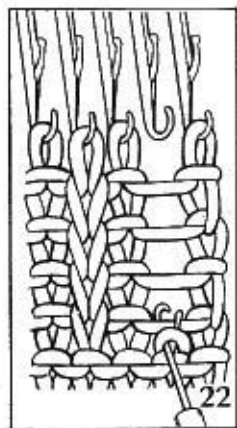
4. Knit neckband from the left side.

5. Using a latch tool, do 1 x 1 ribbing. (Fig. 22)

6. Bind off using a tapestry needle. (Fig. 23, 24)

7. Remove completed neckband from the knitter.

8. Seam the other shoulder.



SLEEVES

Cuff

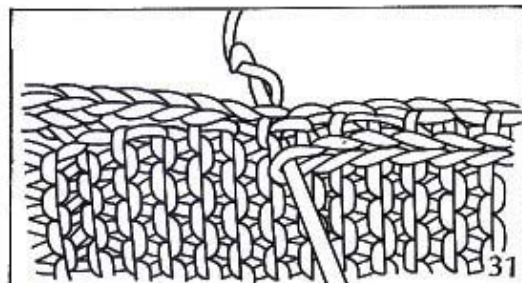
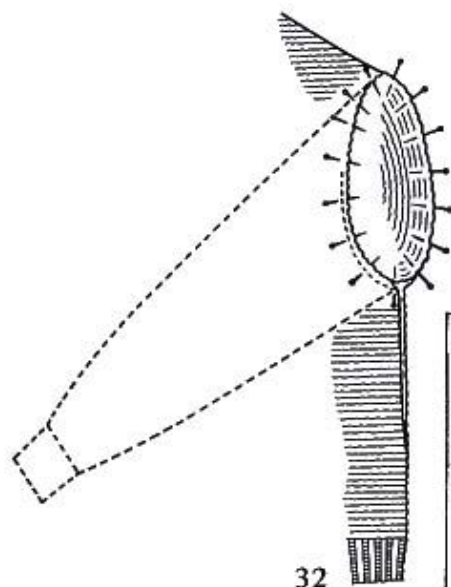
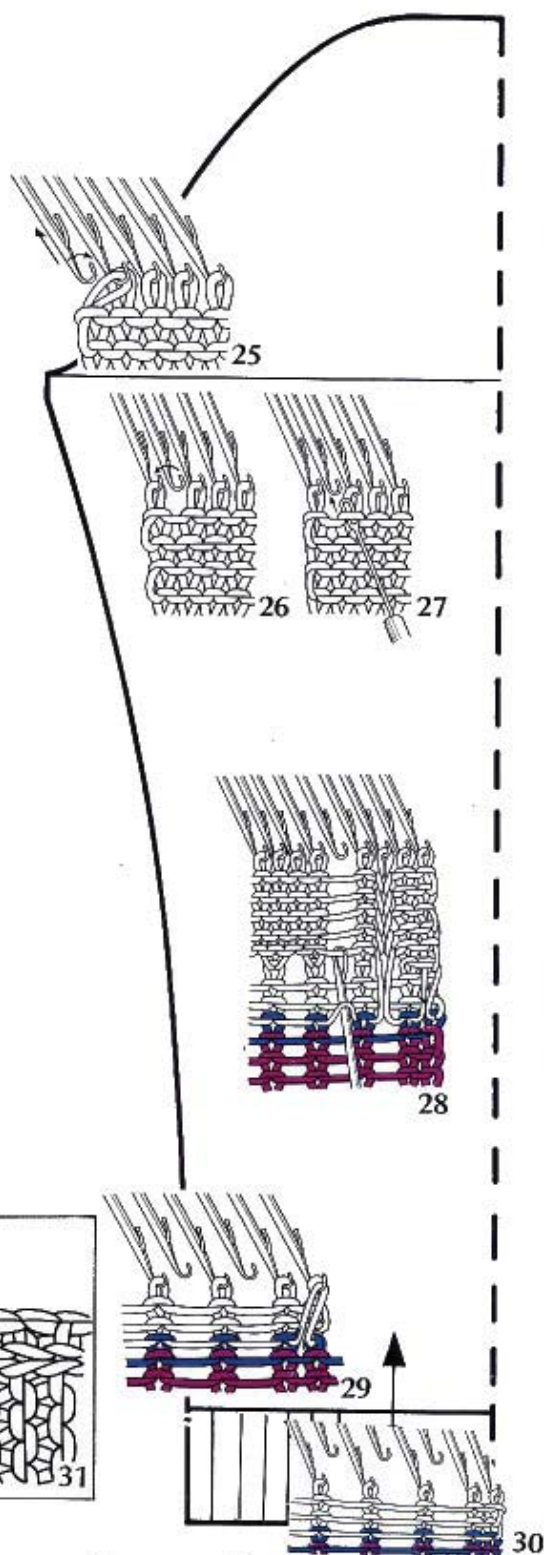
1. Using stitch measure scale and following the notations on the pattern, determine the number of stitches needed for cuff ribbing.
2. Starting with the third needle from the right, set every other needle in A position. (The last needle in A position should be the second from the left.)
3. Knit 10 rows with spare yarn.
4. Knit one row with cast on thread.
5. Set tension dial at 1.
6. Knit 3 rows with knitting yarn. (Fig. 30)
7. Using a transfer tool, pick up stitch from the first row and hook it on the first needle. (Fig. 29)
8. Reset all needles from A to B position. (Fig. 29)
9. Set tension dial at 4 and knit cuff ribbing. (Fig. 28)

Body

1. Knit as far as sleeve cap, increasing stitches according to the pattern. (Fig. 26, 27)

Sleeve cap

1. Decrease stitches according to pattern to shape cap. (Fig. 25)
2. Bind off remaining stitches.



FINISHING

1. Pin out sweater to correct measurements, and with the inside out, press with a warm iron over a damp cloth.
2. With sweater inside out, seam front, back and sleeves. Use crochet hook. (Fig. 31)
3. Turn sweater right side out, and using a tapestry needle, seam ribbed collar and sleeves.
4. Turn inside out again to set sleeves. Place the center of the underarm seam about $\frac{1}{2}$ inch toward the front of the shoulder and sew sleeves into place. (Fig. 32)
5. Finish with final pressing.

≡ Lady's V Neck Cardigan



Lady's V Neck Cardigan

Materials

Four-ply yarn
Yellow: 13 ounces (350grams)
Moss green: 14 ounces (100grams)
5 Buttons

Measurements

Center back: 24 inches (61.5cm)
Bust: 36 inches (92cm)
Sleeve: 21 inches (54cm)

Tension

Plain knitting Tension 5
Fair Isle pattern Tension 6

Directions

BACK

Hem fold

1. Measure the fair isle pattern gauge, and set knit leader for fair isle pattern.
2. With a stitch measure scale, determine the number of stitches necessary for the hem line according to the pattern sheet.
3. Set needles in B position.
4. Knit 10 rows with spare yarn, and one row with cast-on thread.
5. Set change knob at MC and knit one row.
6. Push in both PART buttons on the carriage.
7. Knit hem fold.

Body

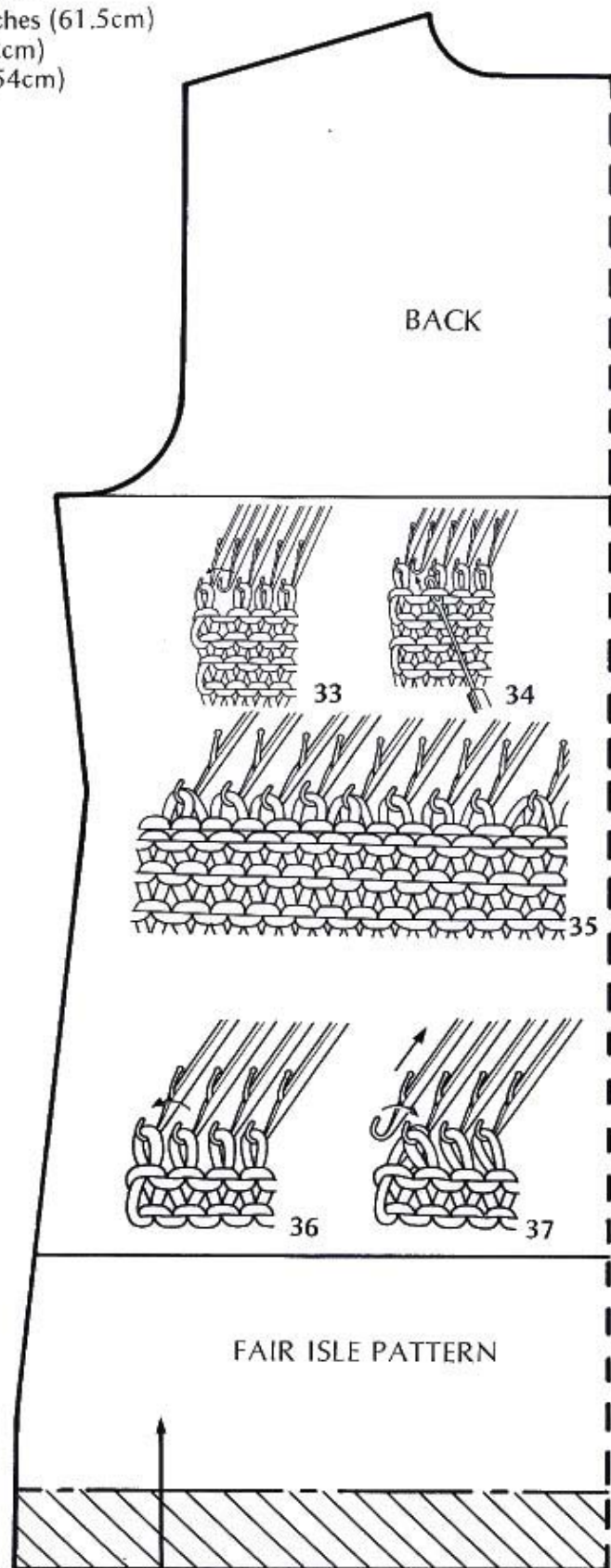
1. Knit a fair-isle border according to the drawing on the pattern.
2. Set knit-leader for plain knitting and change stitch measure scale. (Select the scale according to the plain knitted swatch.)
3. Release both the PART buttons on the carriage and set the change knob at N.
4. There will be a difference in the number of stitches on the stitch measure scale and the stitches of the knitted section of the sweater. To take up the extra stitches, hook two stitches on to one needle at regular intervals. (Fig. 35)
5. Following the pattern, knit as far as the bottom of the armhole, increasing or decreasing stitches wherever necessary. (Fig. 33, 34, 36, 37)

Armholes

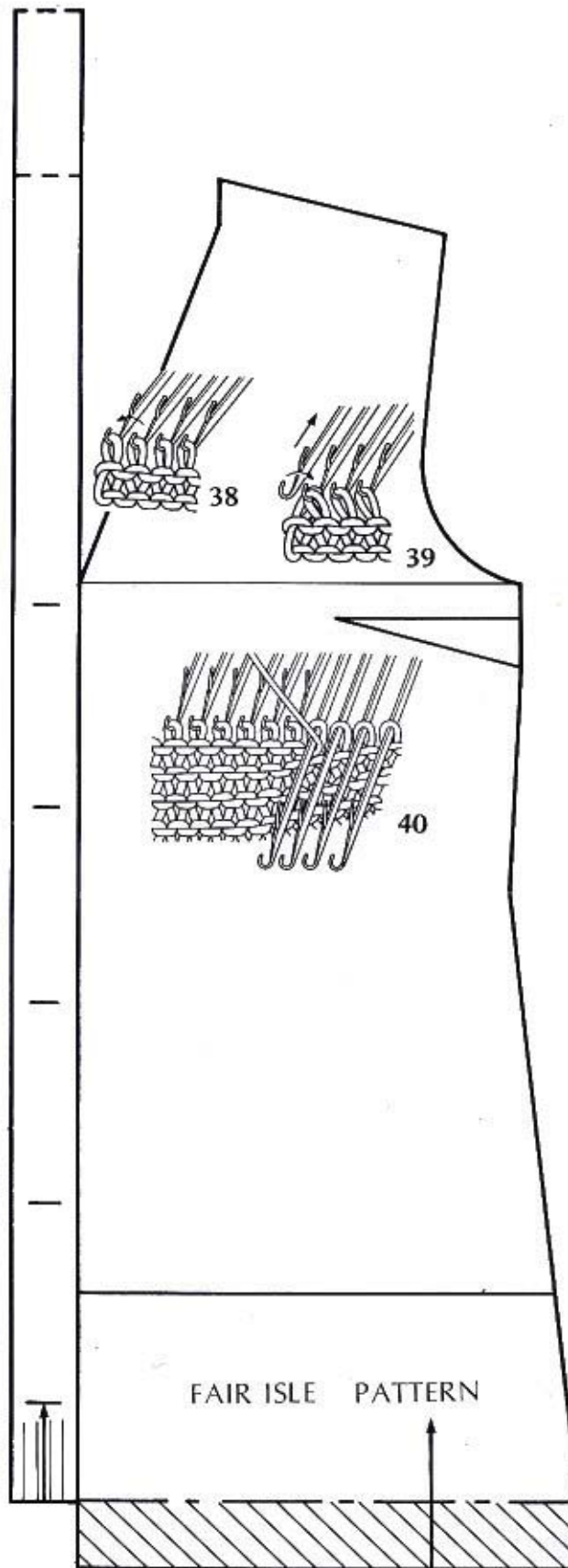
1. Cast off stitches at bottom of the armhole and continue to knit according to the pattern. Increasing or decreasing stitches, knit to the bottom of the neckline.

Neckline and Shoulders

1. Do partial knitting to shape shoulder and decrease stitches to shape neckline. (Lady's Pull-over, P. 5, 6)
2. When finished, knit 10 rows with spare yarn and remove the part from the knitter.
3. Follow the same procedure for the other side of neckline and shoulder.



FRONT Make right and left sides separately.



Hem fold

1. Follow the same steps as for back hem fold.

Body

1. Following the directions for the back, knit as far as the bust dart.
2. Set both holding cam levers at II and do partial knitting. Follow directions for shoulder shaping. (Fig. 40)
3. When bust dart is finished, reset both holding cam levers at I and knit to bustline.

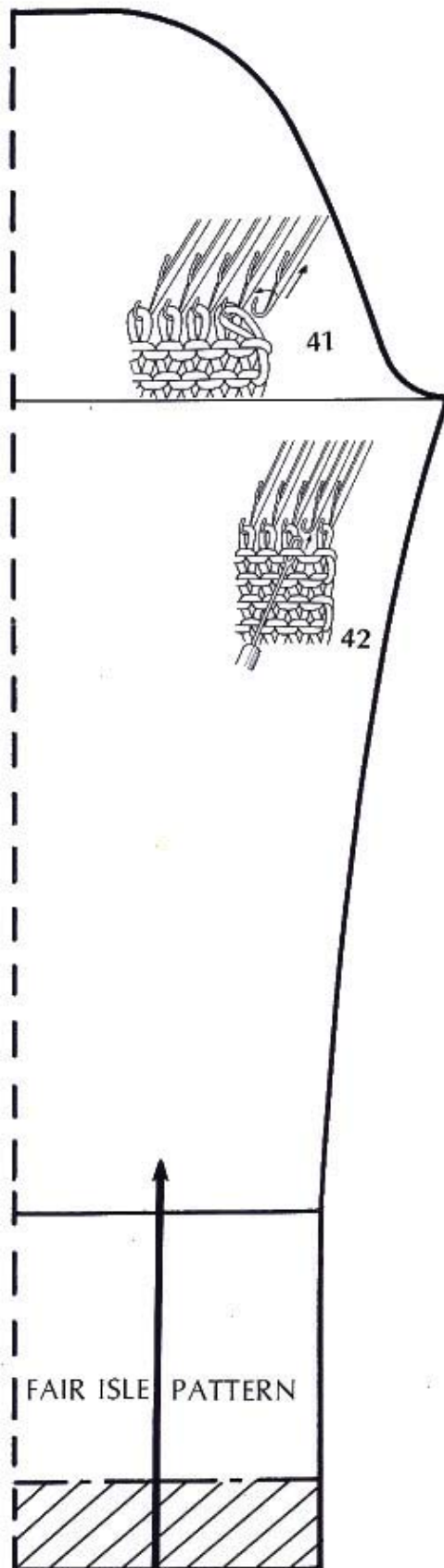
Armhole

1. Increase and decrease stitches to shape armhole. At the same time, decrease stitches for neckline. (Fig. 38, 39)

Shoulder

1. Do partial knitting to shape shoulder, following the shoulder curve on the pattern.
2. Knit 10 rows with spare yarn and remove from the knitter. Follow the same procedures for the other half of the front.

SLEEVES



Hem fold

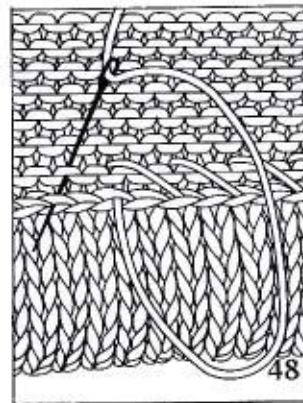
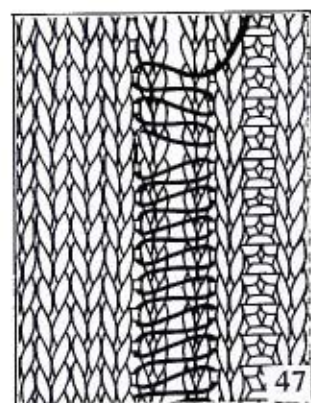
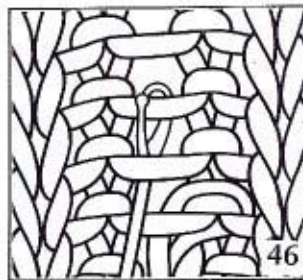
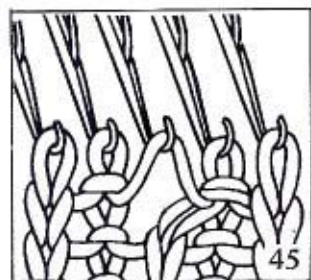
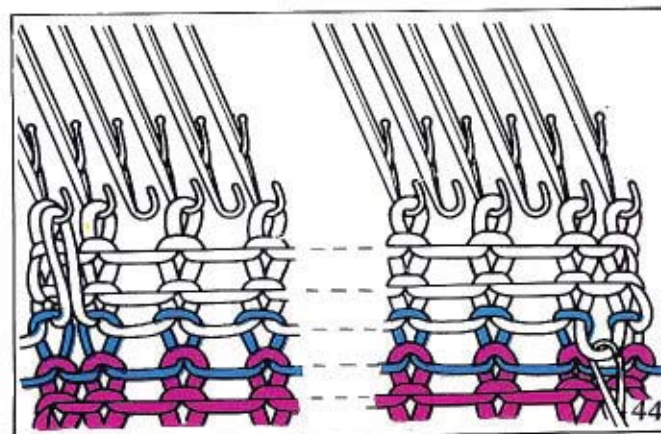
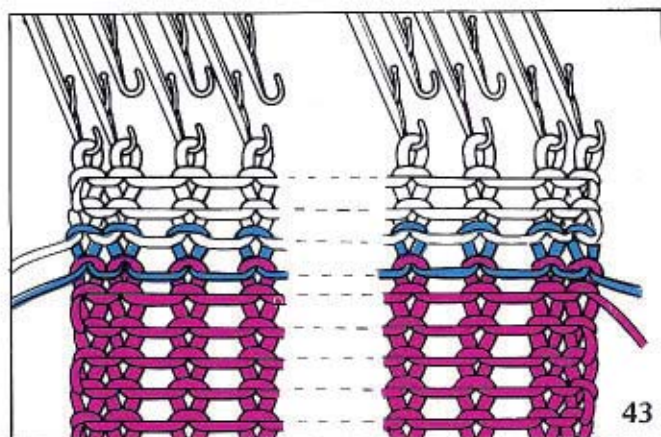
1. Set knit leader for fair isle pattern.
2. Using stitch measure scale, determine the number of stitches necessary for sleeve hem.
3. Set the needles in B position.
4. Set change knob at MC and knit one row.
5. Push in both PART buttons.
6. Knit hem fold.

Body

1. Knit fair isle border following the drawing on the pattern.
2. Set change knob in N position and release PART buttons.
3. Do plain knitting as far as sleeve cap, increasing stitches. (Fig. 42)

Cap

1. Decrease stitches according to the pattern to shape cap. (Fig. 41)
2. When completed, bind off the remaining stitches. Make the other sleeve following the same procedures.



FRONT BORDER

1. Following the border drawing on the pattern sheet, use stitch measure scale to determine number of stitches necessary for front border.
2. Set the needles in B position. Then push every other needle back to A position.
3. Knit 10 rows with spare yarn and 1 row with cast on thread.
4. Set tension dial at 1.
5. Starting from the left side, knit 3 rows. (Fig. 43)

6. Set all needles in B position. Using a latch tool, pick up stitches from the first row and hook them on to the first needle. (Fig. 44)

7. Set tension dial at 3.2.
8. Knit about 30 rows.
9. Do 1 x 1 ribbing with latch tool.
10. Repeat steps 8 and 9.

BUTTONHOLES

1. Make buttonholes following the drawing on the pattern. (Fig. 45, 46)

FINISHING

1. Seam front and back shoulders. (Lady's Pullover, P. 8)
2. With the pieces inside out, pin out garment to correct measurements, and press with a warm iron over a damp cloth.
3. Seam front, back and sleeves.
4. Set in sleeves, following directions for Lady's Pullover, P. 10.
5. Seam the front border and hem fold to the sweater. (Fig. 47, 48)
6. Sew on buttons on front border, matching position with buttonholes.
7. Finish with final pressing.

Several interesting and striking variations can be knitted by following the instructions given for the basic patterns.

Variations of Lady's Pullover



Variations of Lady's Cardigan



Man's Sleeveless V Neck Sweater



Man's Sleeveless V Neck Sweater

Materials

Four-ply yarn
Brown: 11 ounces (300grams)

Measurements

Chest: 43 inches (108cm)
Overall length: 26 inches (65cm)

Tension

Holding Pattern Tension 5

Directions

BACK

Bottom ribbing

1. Using stitch measure scale and following the notations on the pattern, determine the number of stitches needed for bottom band.
2. Set needles in B and A position. (See page 10.)
3. Knit 10 rows with spare yarn and one row with cast on thread.
4. Set tension dial at 4 and do plain knitting for width of bottom band.
5. Do 1 x 1 ribbing.

Body

1. Set tension dial at 5.
2. Knit with holding pattern as far as bottom of armhole.

Armholes

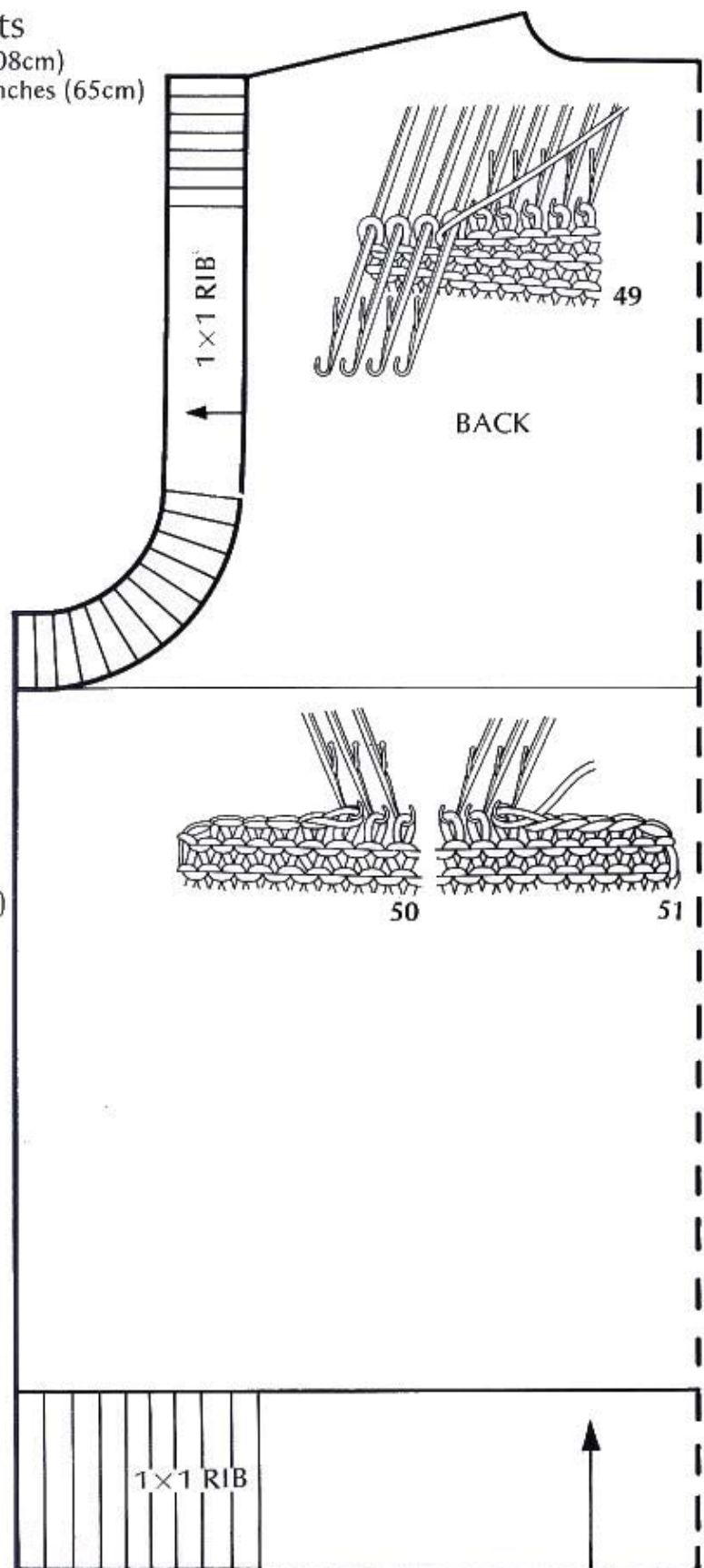
1. Cast off stitches at bottom of armhole. (Fig. 50, 51)
2. Following directions on the pattern, decrease stitches to shape armhole.

Shoulder

1. Set both holding cam levers at II.
2. Following the shoulder curve on the pattern, do partial knitting as far as the bottom of the neckline. (Fig. 49)

Neckline

1. Continue partial knitting on carriage side. At the same time, decrease stitches to shape side of neckline. (Lady's Pullover, P. 5, 6)
2. Knit 10 rows with spare yarn and remove completed part from knitter.
3. Knit other side of neckline following same directions.



Variations of Man's Sleeveless Sweater



Variations of Cap and Scarf



FRONT

Bottom ribbing

1. Follow directions given for the back.

Body

1. Follow directions given for the back.

Armhole and V neck cut

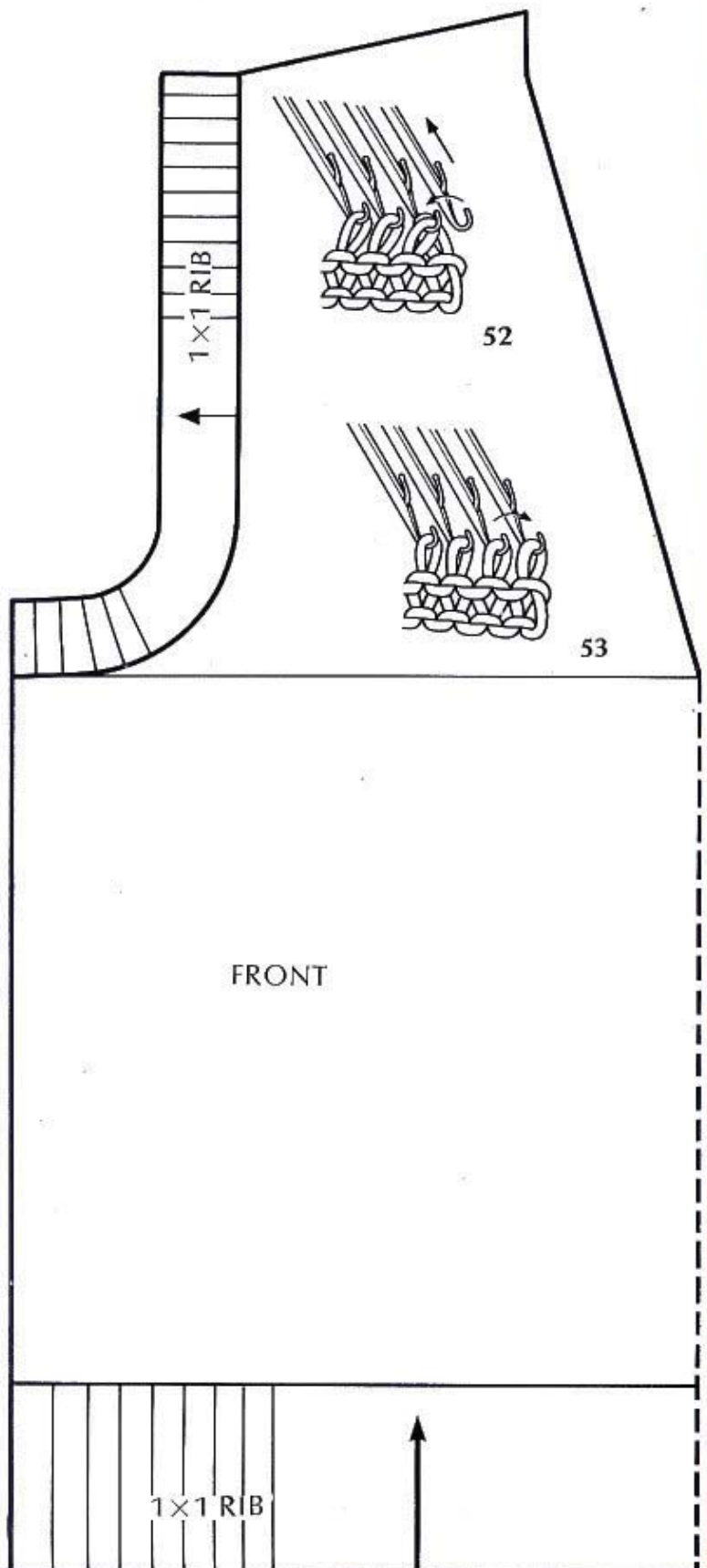
1. Remove part opposite carriage side from knitter.
2. Cast off stitches at chest line.
3. Following directions given for back, decrease stitches to shape armhole and neckline. (Fig. 52, 53)
4. Remove completed part from knitter.
5. Knit the other side following same directions.

Shoulder

1. Follow directions given for the back.

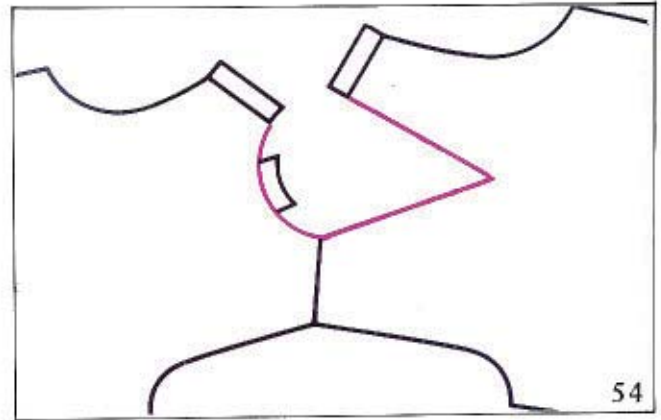
Shoulder seam

1. Follow directions given for Lady's Pullover, p. 8. (Seam other shoulder after completing V neck.)

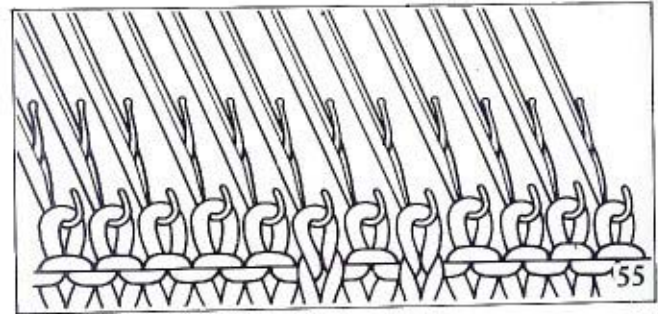


V neck

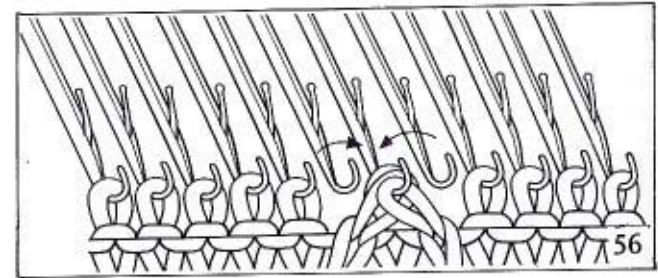
1. Using transfer tool, pick up stitches around neck (Fig. 54) and hook on to knitter. The plain stitches should be facing you. (If there are more than 200 stitches, do front and back separately.)
2. Set needles in E position.
3. Change tension dial from 5 to 4.
4. Starting from left, knit 2 rows.



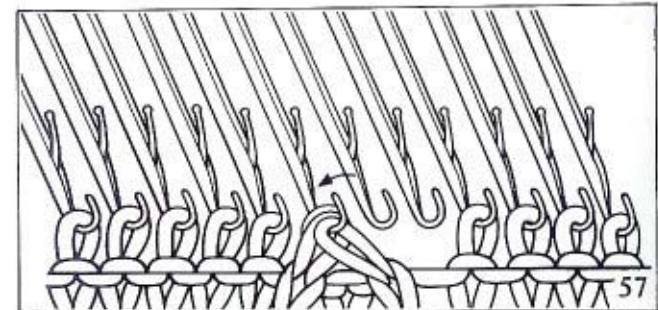
5. With latch tool, change one stitch on either side of front center to plain stitches. (Fig. 55)



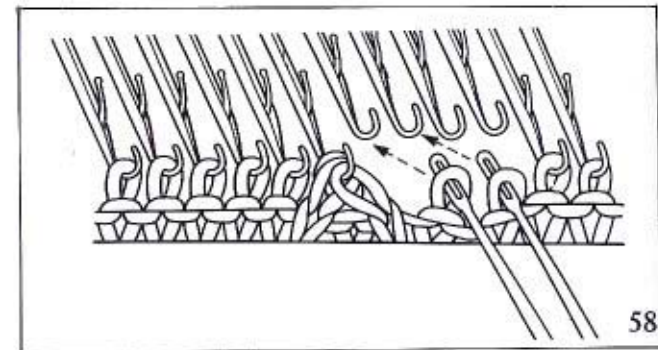
6. Hook three stitches together on center needle. (Fig. 56)



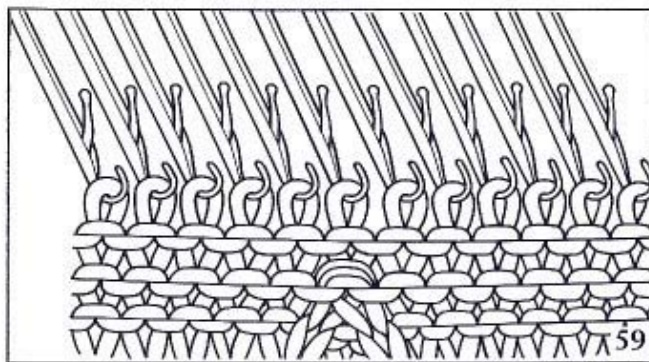
7. Transfer three stitches to one of the empty needles. (Fig. 57)



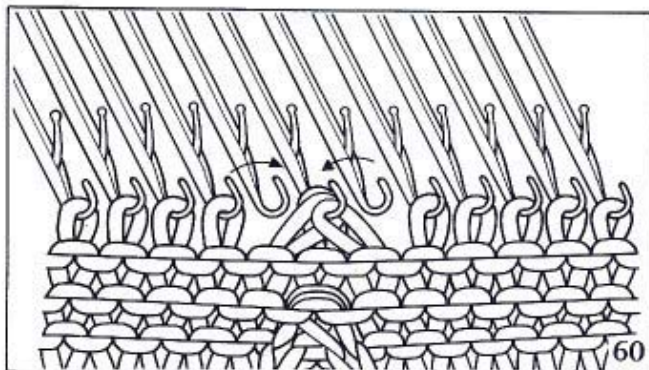
8. Then move stitches again. (Fig. 58)



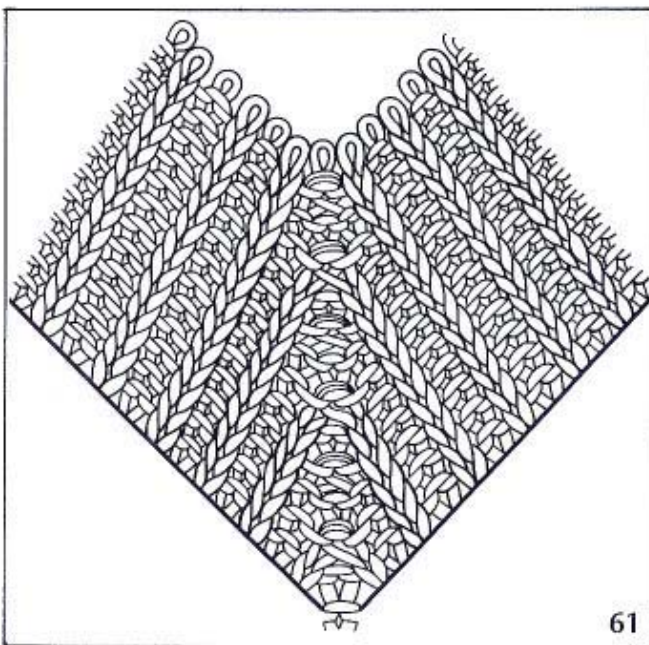
- Knit 2 more rows and again transfer stitches on both sides of center to center needle. Do not convert to plain knitting. (Fig. 59) (Fig. 60)



- Transfer three stitches to the empty center needle and then move stitches again.



- Repeat procedure after every 2 rows of knitting. Convert to plain stitching after every second series. Thus stitches should be converted after 2nd, 6th, 10th etc. rows. (Fig. 61) After finishing bottom of V neckband, convert remaining stitches to 1 x 1 ribbing.
- When neckband is finished, yarn should be on left side.
- Starting from left side, bind off rib stitches.
- Sew other shoulder seam.

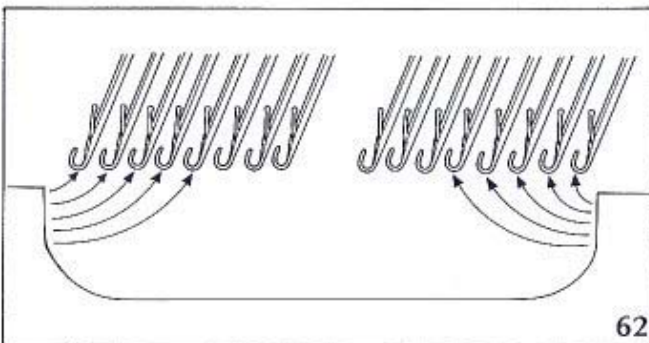


Armhole ribbing

- With plain stitches facing yourself, hook armhole stitches on needles. (Fig. 62)
- Using latch tool, do 1 x 1 ribbing all the way around.
- Do the other armhole in the same way.

FINISHING

- Pin out to correct measurements, and on the reverse side, press with a warm iron over a damp cloth.
- With the inside out, seam front and back with crochet hook.
- Use tapestry needle to seam neck and armhole ribbing.
- Finish with final pressing.



Girl's Sweater (Raglan Sleeves)



Girl's Sweater (Raglan Sleeves)

Materials

Four-ply yarn
Pink: 13 ounces (350grams)
Purple: 2 ounces (50grams)

Measurements

Bust: 31 inches (78cm)
Sleeve length: 21 inches (53cm)
Overall length: 20 inches (50cm)

Tension

Plain knitting Tension 5

Directions

BACK

Bottom ribbing

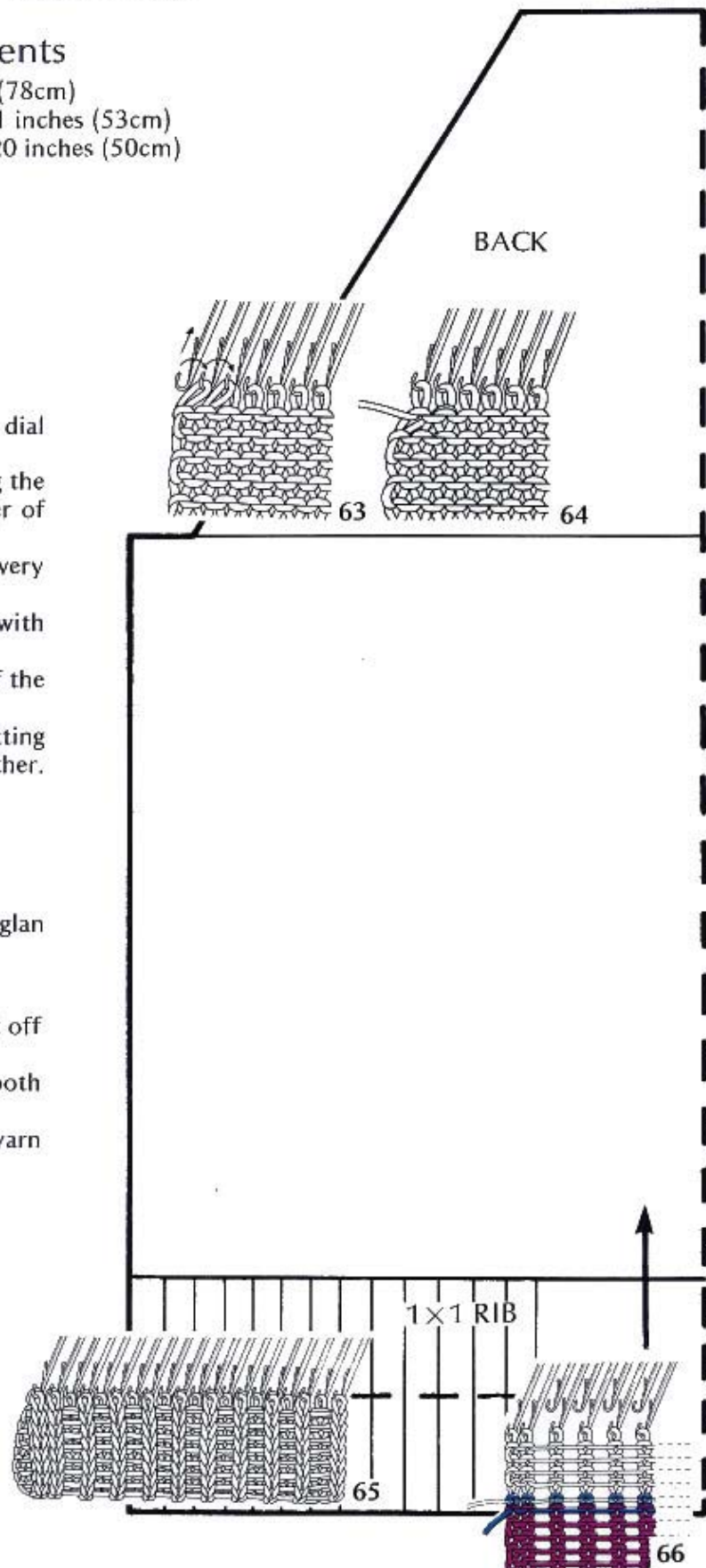
1. Set both holding cam levers at I and tension dial at 2.
2. Using the stitch measure scale and following the notations on pattern, determine the number of stitches needed for the bottom band.
3. Set needles in B position, and then push every other needle back to A position.
4. Knit 10 rows with spare yarn and one row with cast on thread.
5. Using knitting yarn, knit twice the width of the bottom band. (Fig. 66)
6. Hook stitches of first row done with knitting yarn on needles in A position and knit together. (Fig. 65)
7. Pull out cast on thread.

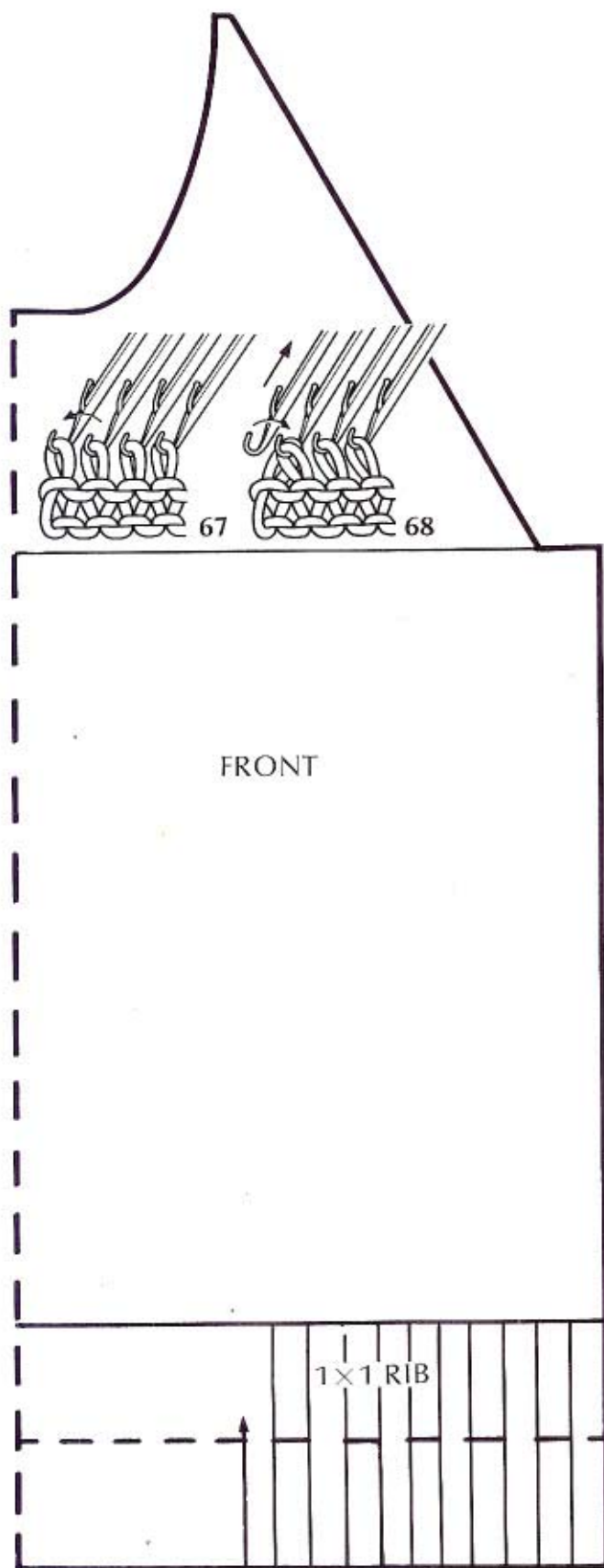
Body

1. Change tension dial to 5.
2. Following the pattern, knit to line where raglan shaping is to start.

Raglan armholes

1. Following the notations on the pattern, cast off stitches at the bottom of armhole.
2. Continue to knit, decreasing stitches at both sides. (Fig. 63, 64)
3. When completed, knit 10 rows with spare yarn and remove the whole-part from the knitter.





FRONT

Bottom ribbing

1. Follow same directions given for back bottom ribbing.

Body

1. Follow same directions given for the back.

Raglan armholes

1. Cast off at bustline, and following directions on the pattern, continue to knit, decreasing stitches to shape armhole.

Neckline

1. From the bottom of the neckline, set needles opposite the carriage side in E position.
2. Set both holding cam levers at II.
3. Knit one side of neckline, decreasing stitches for armhole and neck. (Fig. 67, 68)
4. Bind off the remaining stitches.
5. Knit 10 rows with spare yarn for bottom (center) of neckline.
6. Remove the waste knitting from the knitter.
7. Knit other side of neckline, following the same directions.

SLEEVES

Cuff ribbing

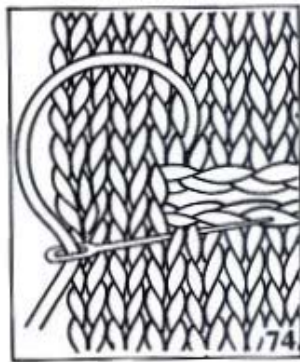
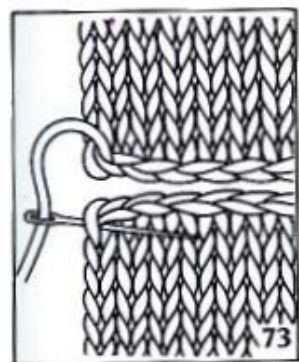
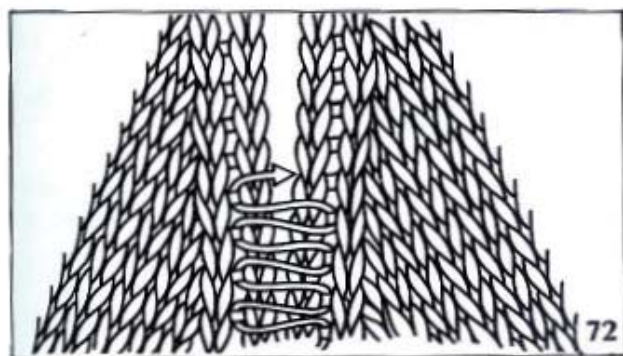
1. Set tension dial at 3.
2. Using stitch measure scale and following notations on pattern, determine the number of stitches needed.
3. Knit following directions given for bottom ribbing.

Body

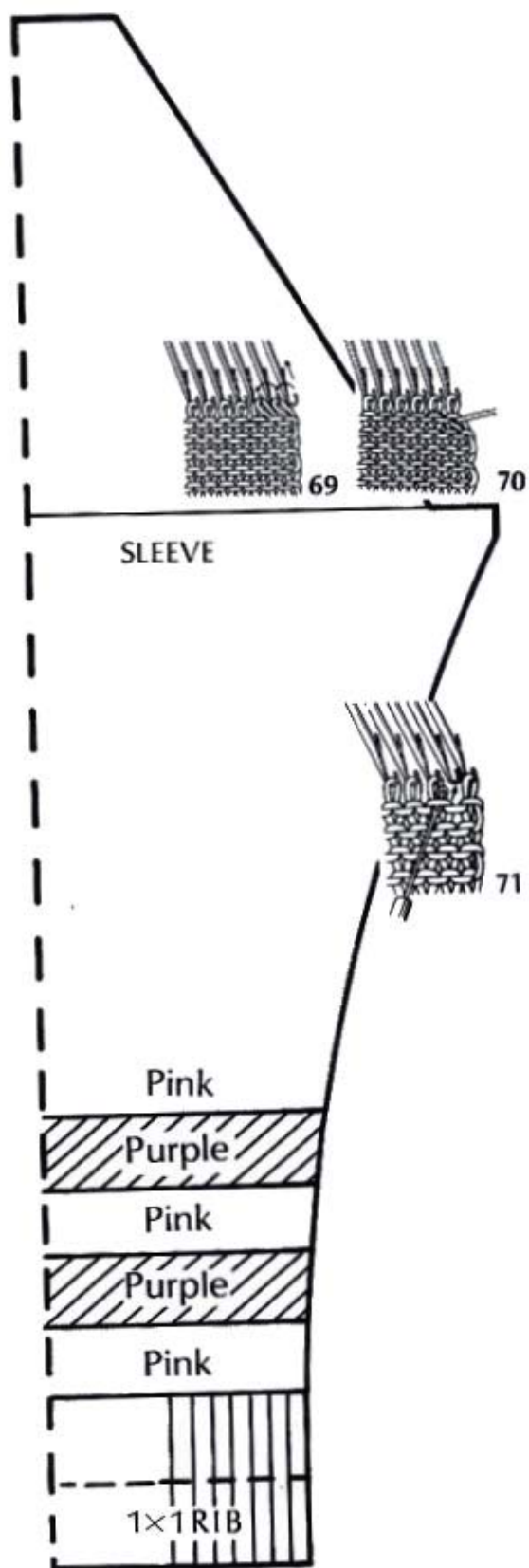
1. Knit to line where raglan shaping is to start. Increase stitches and change the yarn color. (Fig. 71)

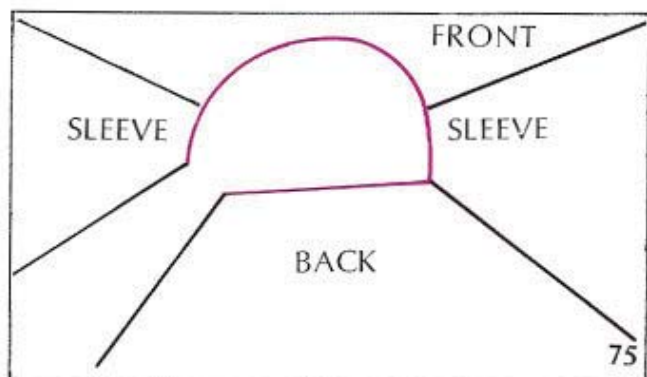
Raglan shaping

1. Cast off stitches.
2. Following the pattern, decrease stitches for shaping. (Fig. 69, 70)
3. When completed, knit 10 rows with spare yarn and remove from knitter.
4. Knit other sleeve following the same directions.



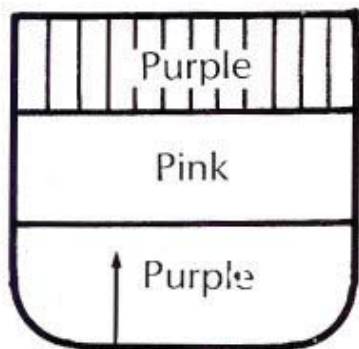
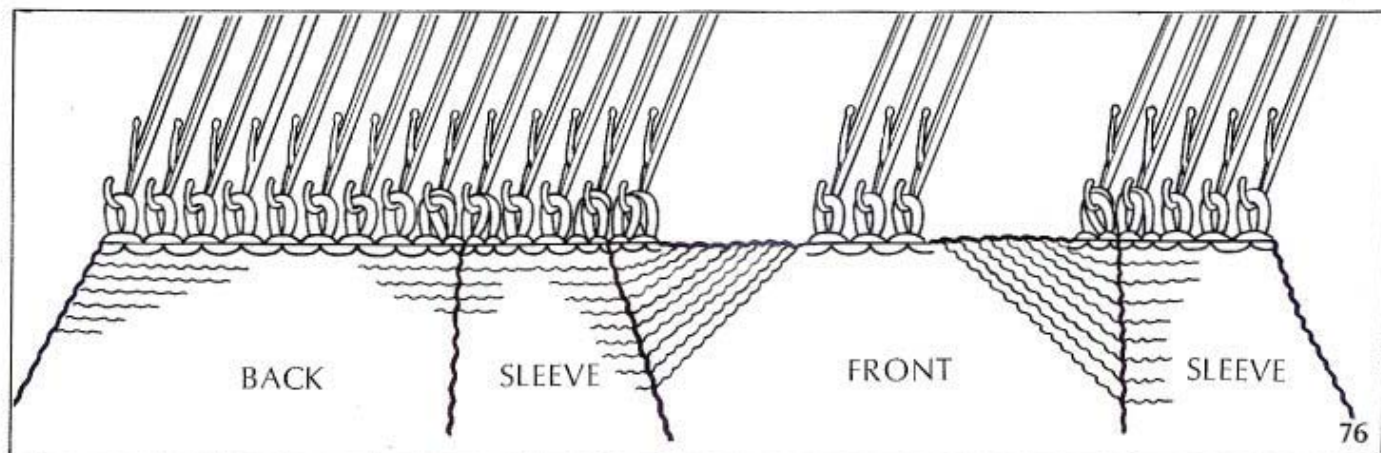
1. Sew three raglan seams, leaving the fourth (either front or back) open. (Fig. 72, 73, 74)





Neck band

1. Pick up stitches as shown in drawing. (Fig. 75, 76)
2. Set tension dial at 3.
3. Knit twice the width of the neckband.
4. Bind off.
5. Join the last seam.



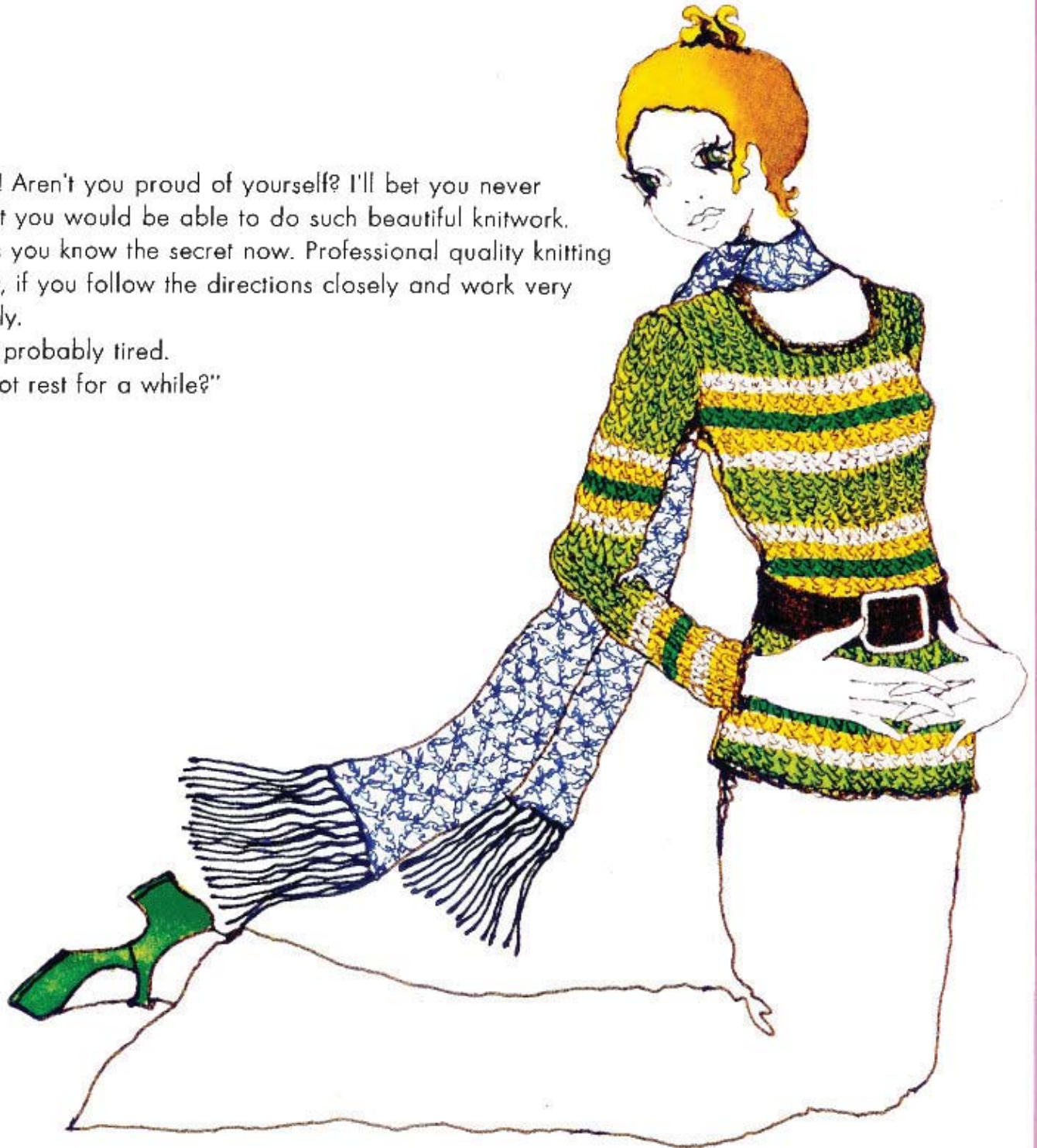
POCKET

1. Using stitch measure scale and following notations on the pattern, determine the number of stitches necessary for pocket.
2. Change yarn color according to pattern.
3. Knit as far as top ribbing.
4. Following pattern, knit top band.
5. Do 1 x 1 ribbing.

FINISHING

1. Pin out to correct measurements and press with warm iron over a damp cloth.
2. Sew side and sleeve seams.
3. Attach pocket.
4. Finish with final pressing.

"There! Aren't you proud of yourself? I'll bet you never thought you would be able to do such beautiful knitwork. I guess you know the secret now. Professional quality knitting is easy, if you follow the directions closely and work very carefully. You're probably tired. Why not rest for a while?"





Boy's Jacket & Pants

Materials

Four-ply yarn
Blue: 11 ounces (300grams)
Yellow: 4 ounces (100grams)

Measurements

Chest: 27 inches (68cm)
Overall length: 16 inches (41cm)
Sleeve length: 15 inches (38cm)
Pants
Hips: 26 inches (67cm)
Overall length: 9 inches (23cm)

Tension

Plain knitting Tension 5

Directions

BACK

Bottom ribbing

1. Set both holding cam levers at I and tension dial at 3.
2. Using stitch measure scale and following notations on pattern, determine the number of stitches needed for bottom band.
3. Set needles in B position.
4. Then push every third needle back to A position.
5. Knit 10 rows with spare yarn and one row with cast-on thread.
6. Using knitting yarn, knit twice the width of the bottom band.
7. Hook stitches of first row (bottom row) done with knitting yarn on needles (Fig. 77,78)
Change the tension dial to 5 and knit together.
8. Pull out cast-on thread.

Body

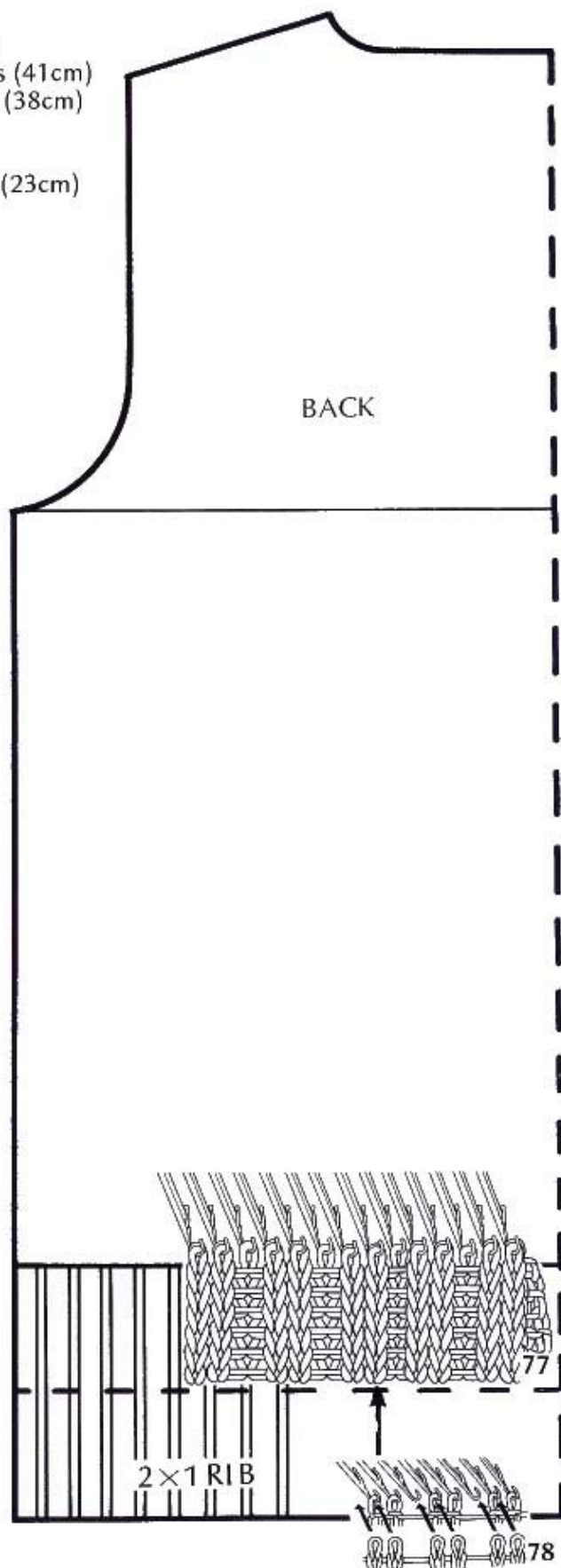
1. Set tension dial at 5.
2. Following the pattern, knit as far as bottom of armhole, increasing or decreasing stitches when necessary.

Armhole

1. Cast off stitches at bottom of armhole.
2. Following the pattern, knit as far as the shoulder line, decreasing stitches to shape armhole.

Shoulder

1. Set both holding cam levers at II.
2. Do partial knitting to the bottom of the neckline, following the line of the curve on the pattern.



Neckline

1. Keep both holding cam levers at II.
2. Set needles opposite carriage side in E position. (Lady's Pullover, p. 6)
3. Continue partial knitting to shape shoulder, decreasing stitches to shape side of neckline.
4. Knit 10 rows with spare yarn and remove completed part from knitter.

Bottom of neckline

1. Following notations on the pattern, push needles back to D position.
2. Knit 10 rows with spare yarn and remove from the knitter.
3. Knit the other shoulder following the same steps.

FRONT

Bottom ribbing

1. Follow directions given for the back.

Body

1. Follow directions given for the back.

Armhole

1. Cast off stitches at chestline.
2. Following the directions on the pattern, knit to bottom of the neckline, decreasing stitches to shape armhole.

Neckline

1. Opposite carriage side, knit 10 rows with spare yarn for the bottom of neckline and shoulder.
2. Remove waste knitting from knitter.
3. On carriage side, knit as far as shoulder line, decreasing and increasing stitches to shape neck and armhole.

Shoulder

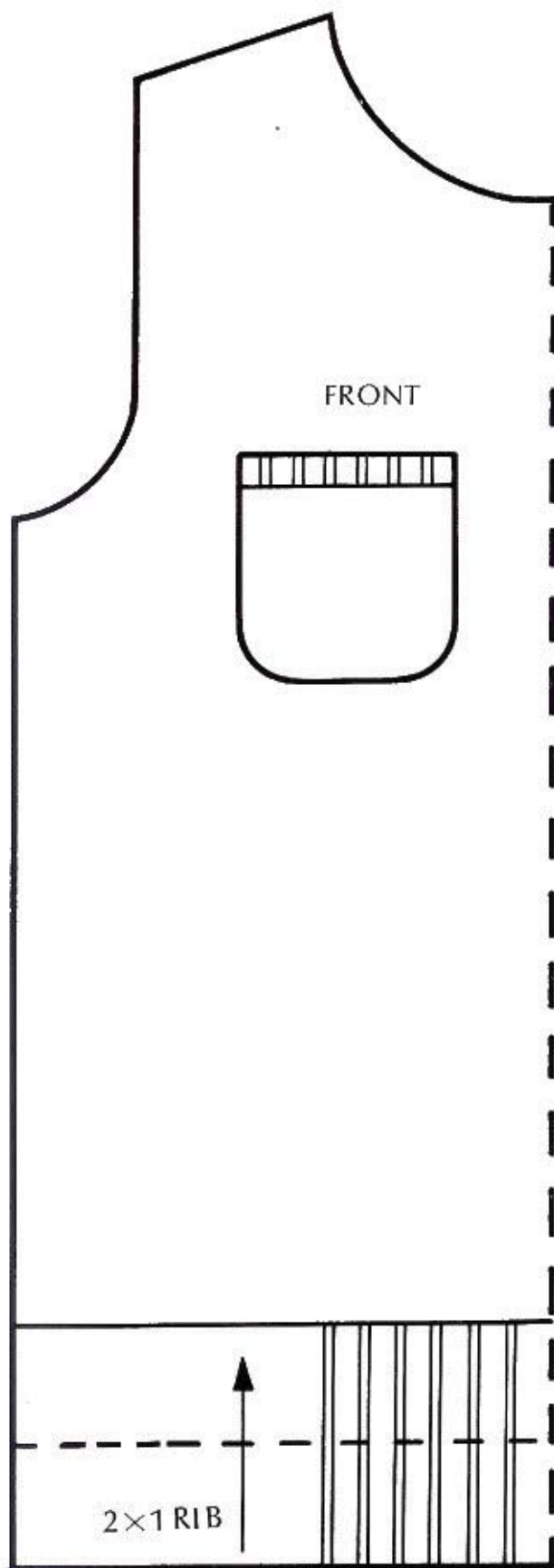
1. Set both holding cam levers at II.
2. Do partial knitting following the curve of the shoulder on the pattern. At the same time, decrease stitches to shape neckline.
3. Knit 10 rows with spare yarn and remove completed part from knitter.
4. Knit other shoulder following the same directions.

Shoulder seams

1. Do shoulder seam following directions given for Lady's Pullover, p. 8.

Neckband

1. Set tension dial at 4.
2. Pick up all stitches around the neckline.
3. Following pattern, knit the width of the neckband.
4. Using latch tool, do 2 x 2 ribbing.
5. When the neckband is finished, sew the other shoulder seam in the same way.



Variations of Girl's Sweater



Variations of Boy's Jacket and Pants



SLEEVES

Cuff ribbing

1. Using stitch measure scale and following the notations on the pattern, determine the number of stitches needed.
2. Follow directions given for back bottom ribbing.

Body

1. Increasing stitches according to the pattern, knit as far as sleeve cap. (Fig. 80)

Cap

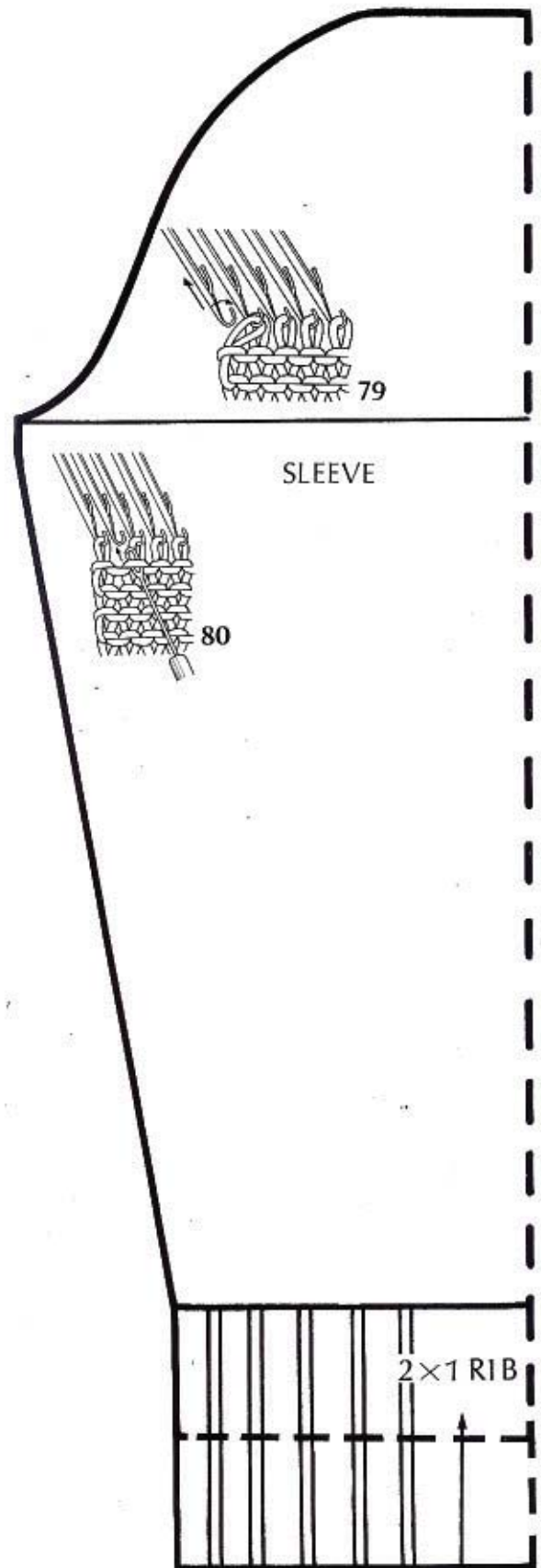
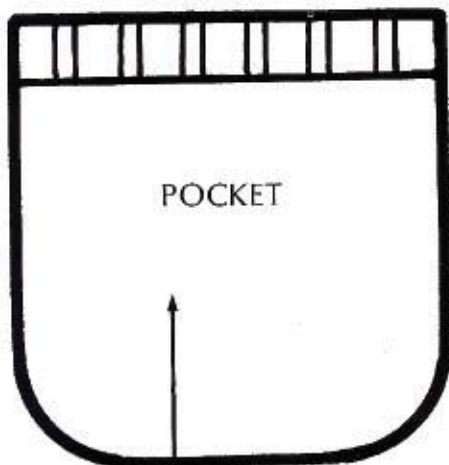
1. Following directions on the pattern, decrease stitches to shape sleeve cap. (Fig. 79)
2. Make the other sleeve in the same way.

POCKET

1. Using stitch measure scale and following the notations on the pattern, determine the number of stitches needed for pocket.
2. Knit by increasing stitches to line where top ribbing is to start.
3. Following pattern, do the top band knitting with latch tool.
4. Bind off. Follow directions for Lady's Pullover.

FINISHING

1. Pin out to proper shape and press with a warm iron over a damp cloth.
2. Sew neck, side and sleeve seams.
3. Set in sleeves.
4. Sew pocket in proper place.
5. Finish with final pressing.



PANTS

Waist band

1. Set tension dial at 5 and both holding cam levers at I.
2. Using stitch measure scale and following the notations on the pattern, determine the number of stitches needed for band.
3. Set needles in B position.
4. Knit 10 rows with spare yarn and one row with cast on thread.
5. With knitting yarn, knit twice the width of the waist band.
6. Hook stitches of first row (bottom row) done with knitting yarn on the needles and knit together. (Fig.83)

Waistline to hipline

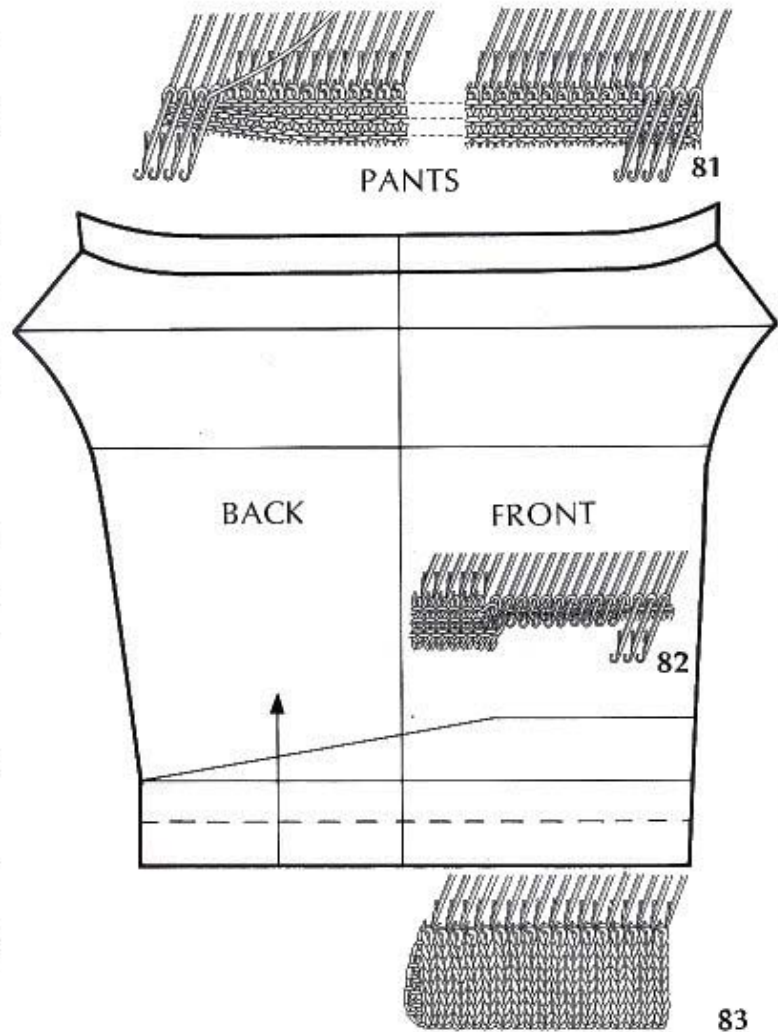
1. Set needles in E position and both holding cam levers at II.
2. Do partial knitting (Fig. 82), and at the same time increase stitches according to the pattern. Knit to hipline by increasing stitches.

Leg

1. Following the pattern, decrease stitches to shape inside of leg.
2. Knit to line where partial knitting begins.
3. Set needles opposite carriage side in E position.
4. Set both holding cam levers at II.
5. Do partial knitting on carriage side, and at the same time decrease stitches to shape inside of leg. (Fig. 81)
6. Follow same steps for other side of leg.
7. Knit 10 rows with spare yarn and remove from knitter.
8. Turn pattern sheet inside out and knit other leg.

FINISHING

1. Pin out to correct measurements. Press with warm iron over a damp cloth.
2. Make small opening at waist for elastic band.
3. Sew leg seams.
4. Finish with final pressing.



Scarf & Cap



Scarf

Materials

Three-ply yarn

White: 5.3 ounces (150 grams)

Black: 5.3 ounces (150 grams)

Measurements

Length: 69 inches (176cm)

Width: 6.6 inches (17cm)

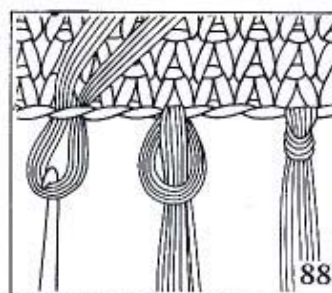
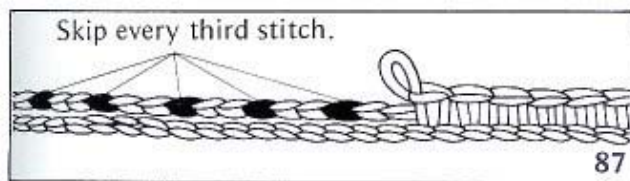
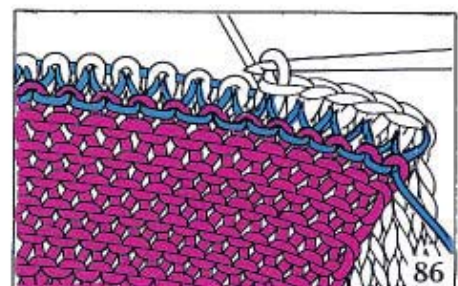
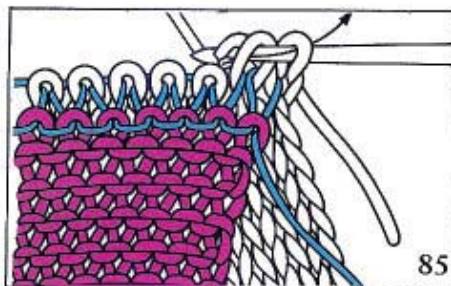
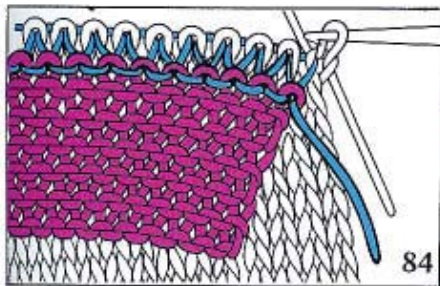
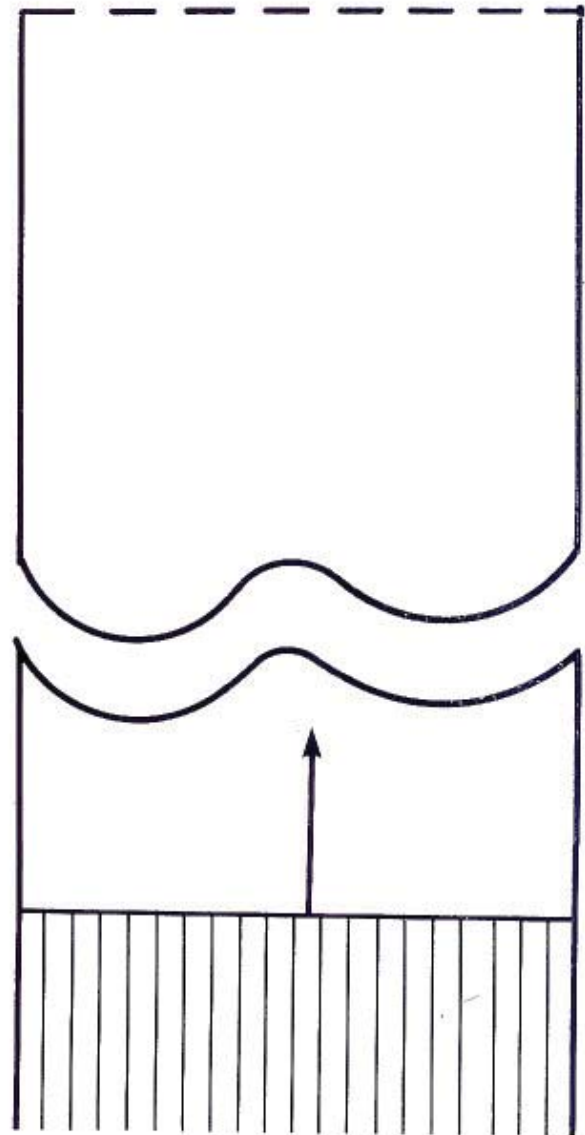
Fringe: 6 inches (15cm)

Tension

Fair Isle Pattern Tension 3

Directions

1. With a stitch measure scale and following the drawing on the pattern, determine the number of stitches needed.
2. Set needles in B position.
3. Knit 10 rows with spare yarn and 1 row with cast-on thread.
4. With knitting yarn, do fair isle knitting following the directions on the pattern.
5. Knit 10 rows with spare yarn and remove completed part from knitter.
6. Using a crochet hook, bind off the first row of knitting yarn. (Fig. 84, 85, 86)
7. Pin out to adjust size and press with a warm iron over a damp cloth.
8. Work one row with single crochet stitch all around. Skip every 3rd stitch (marked in black in Fig. 87).
9. Cut yarn into 12 inch lengths for fringe.
10. Make fringe as shown in Fig. 88.
11. Finish with final pressing.



Cap

Materials

Three-ply yarn

White: 1.8 ounces (50 grams)

Black: 1.8 ounces (50 grams)

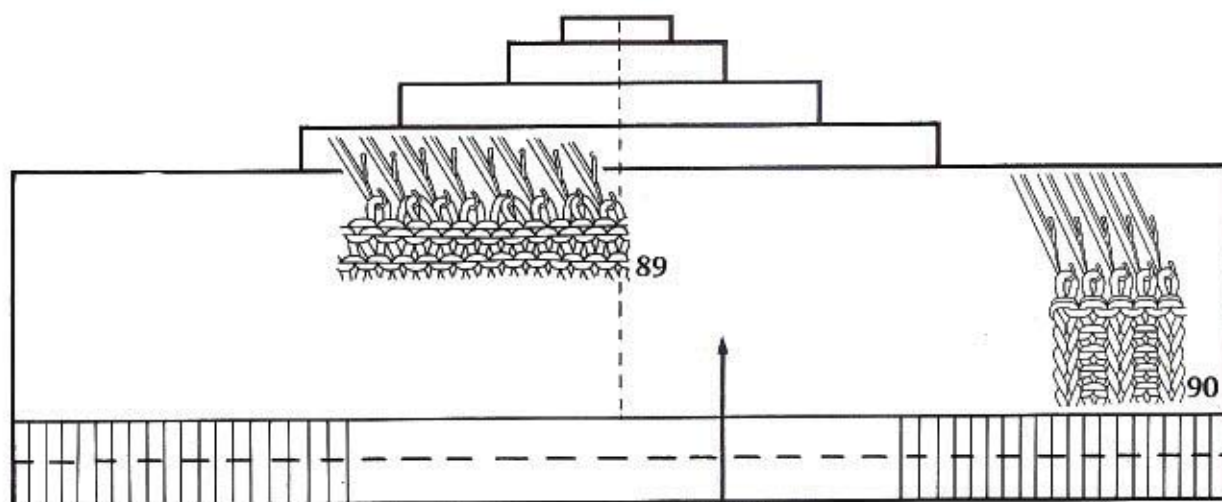
Measurements

Head size: 21 inches (54cm)

Tension

Fair Isle Pattern Tension 3

Plain knitting Tension 2.1



Directions

Bottom band

1. Measure fair isle pattern gauge and set knit leader for fair isle pattern.
2. Using stitch measure scale and following the drawing on the pattern, determine the number of stitches needed for band.
3. Knit 10 rows with spare yarn and one row with cast on thread.
4. Set knit leader for plain knitting, with tension dial at 2.
5. Knit about 2 inches with white knitting yarn.
6. Using latch tool, do 1 x 1 ribbing.
7. Hook first row (bottom row) done with knitting yarn on needles and knit one row. (Fig. 90)
8. Pull out cast on thread.

Body

1. Following the pattern, do fair isle knitting for $2\frac{1}{4}$ inches without increasing or decreasing stitches.
2. Set tension dial at 2.2 and knit about $1\frac{1}{2}$ inches.
3. Change tension dial at 2.1 and knit another $1\frac{1}{2}$ inches.
4. Knit 10 rows with spare yarn and remove from knitter.

Crown

1. Again set knit leader for plain knitting with tension dial at 2.1.
2. There will be a difference in the number of stitches on the stitch measure scale and the stitches on the knitted part of the cap. To take up the extra stitches, hook two stitches on one needle at regular intervals. (Fig. 89)
3. Knit about 1 inch with white yarn.
4. Knit 10 rows with spare yarn and remove from knitter.
5. Following the notations on the pattern, repeat procedures in steps 2 to 4.
6. Set remaining needles in E position, and bind off with a latch tool.

FINISHING

1. Press with a warm iron over a damp cloth.
2. Sew the side seams with a tapestry needle.
3. Finish with a final pressing.

Socks

Materials

Four-ply yarn
Yellow: 3 ounces (70grams)

Measurements

Length from top of sock to
bottom of heel: 13.3 inches (34cm)
Length of sole from heel to toe:
7.5 inches (19cm)

Tension

Plain knitting Tension 4

Directions

Upper ribbing

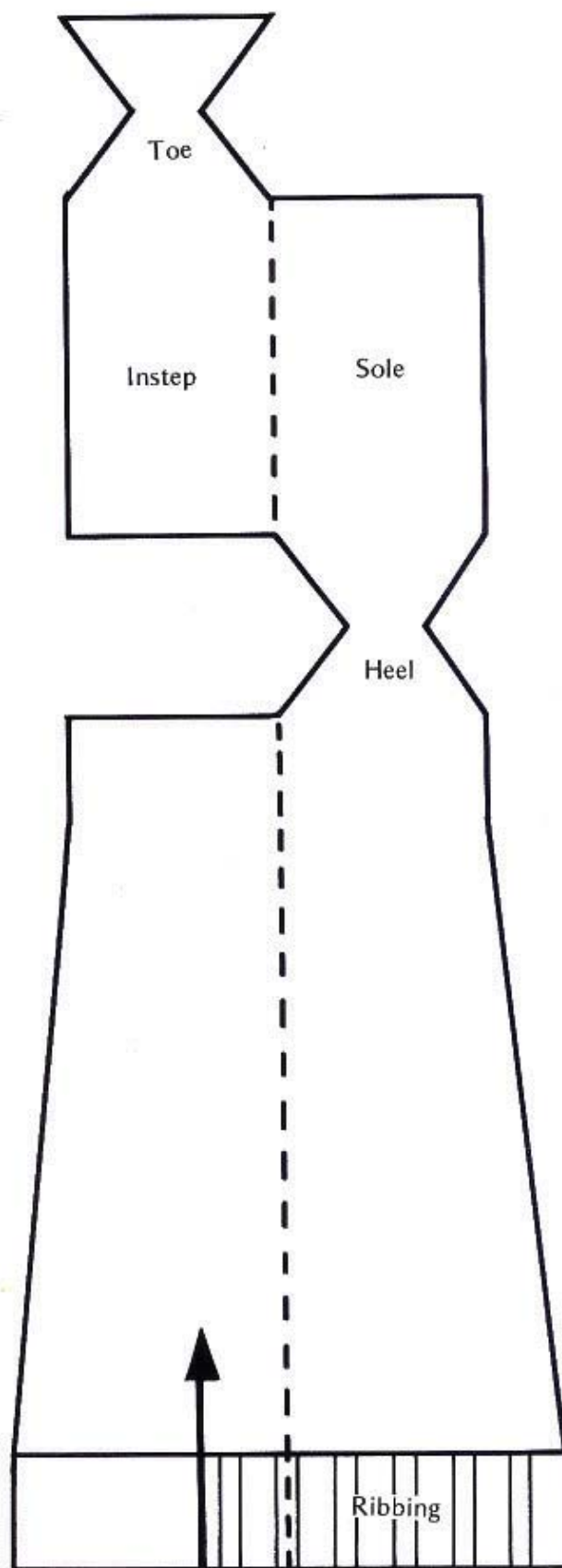
1. Using the stitch measure scale and following the notations on the pattern, determine the number of stitches needed.
2. Set tension dial at 3.2 and knit the width of the upper ribbing.
3. Using a latch tool, do 2 x 2 ribbing.

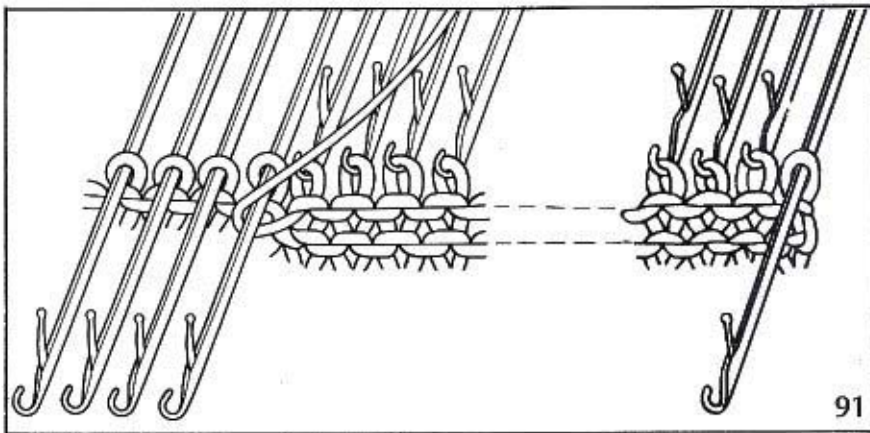
Leg

1. Knit according to the pattern, decreasing stitches when necessary.

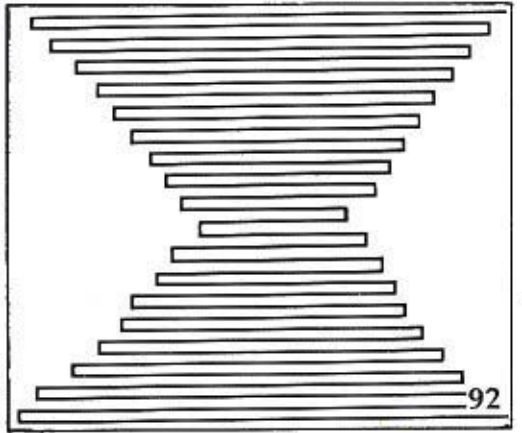
Heel

1. Set both holding cam levers at II.
2. Do partial knitting following the notations on the pattern. See Fig. 91 and 93 for decreasing stitches, and Fig. 94 and 95 for increasing stitches.

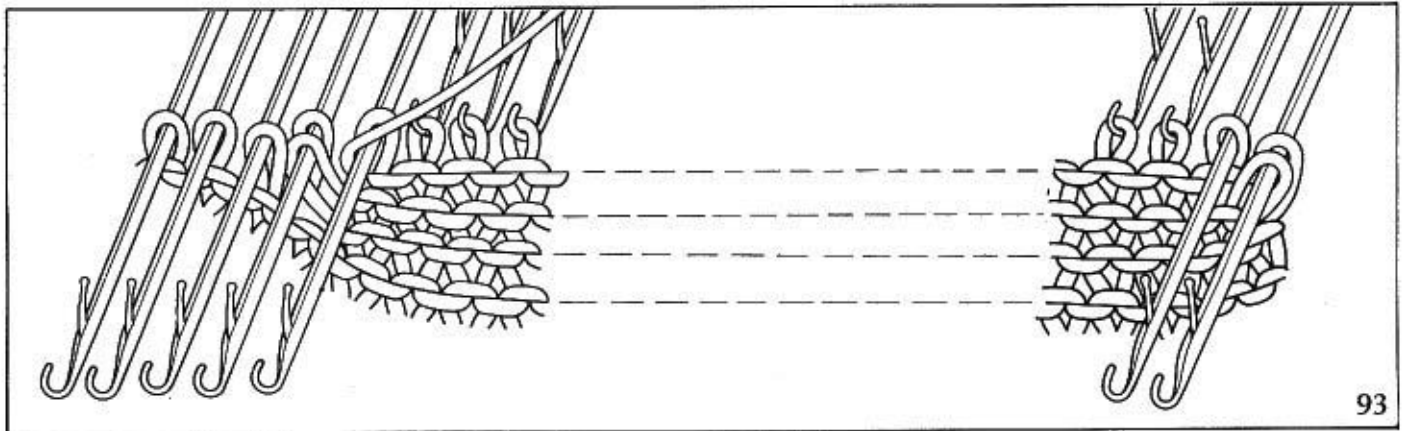




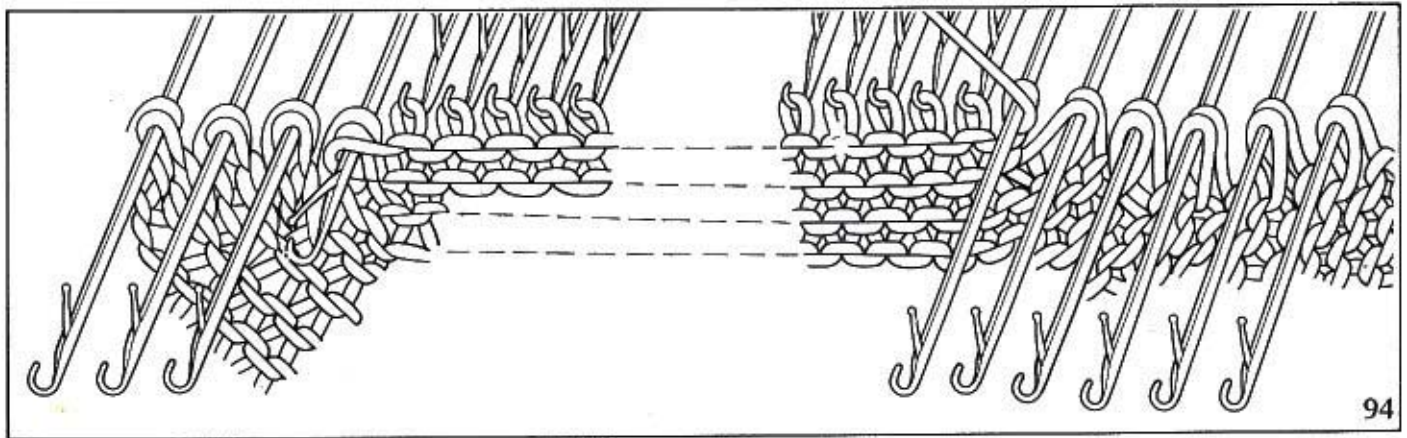
91



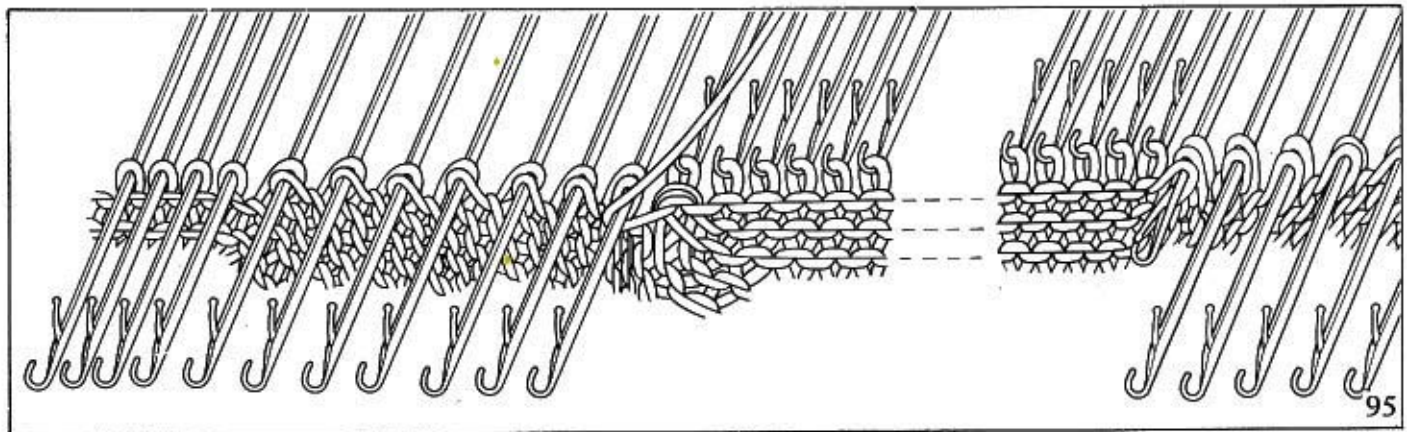
92



93



94



95

Instep and sole

1. Set both holding cam levers at I and do straight knitting according to the pattern.
2. When finished, set half of the needles on the right side in E position. (Fig. 96)

Toe

1. Set both holding cam levers at II and do partial knitting, following directions given for heels. (Fig. 91-95)
2. Knit 10 rows with spare yarn to allow separate seaming later.
3. Remove from the knitter.

FINISHING

1. Press with warm iron over a damp cloth.
2. Sew seams (marked o in picture) with tapestry needle. (Fig. 98)
3. Seam upper band and sides with tapestry needle.
4. Finish with final pressing

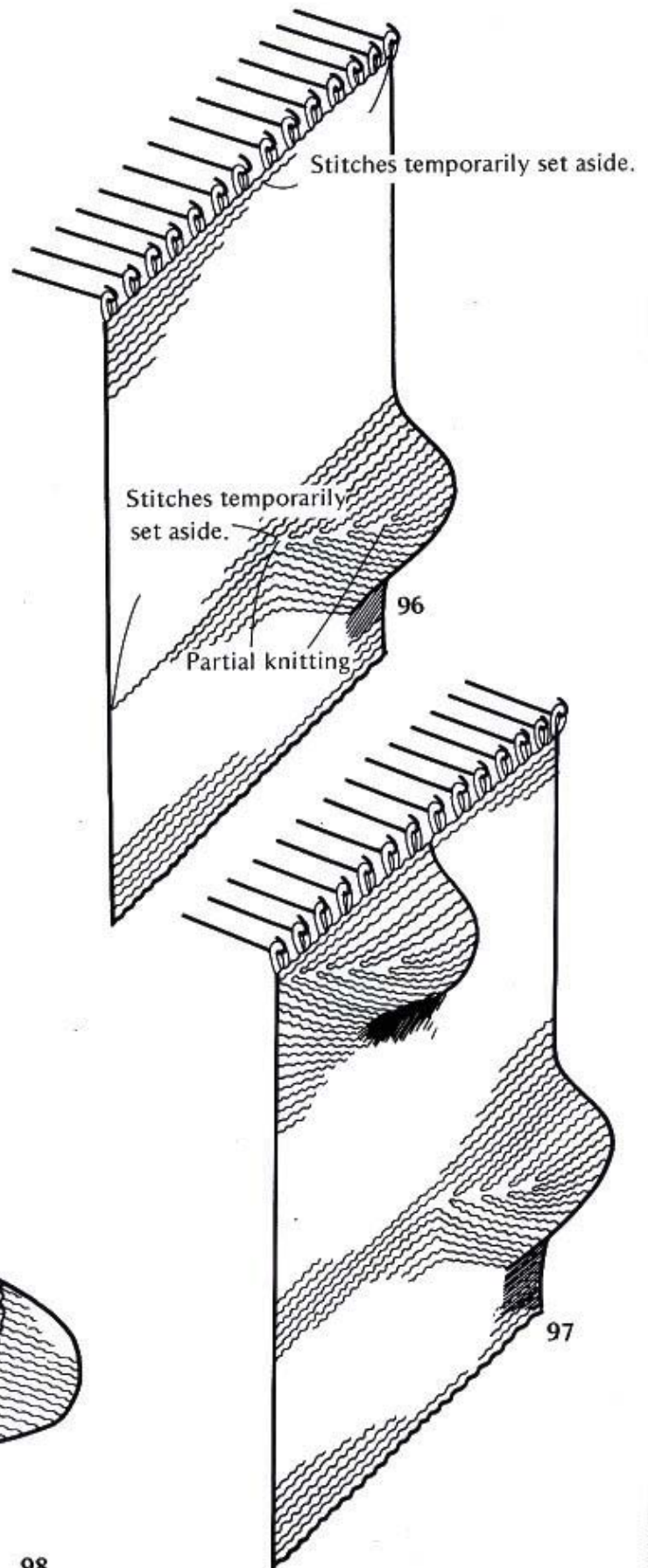
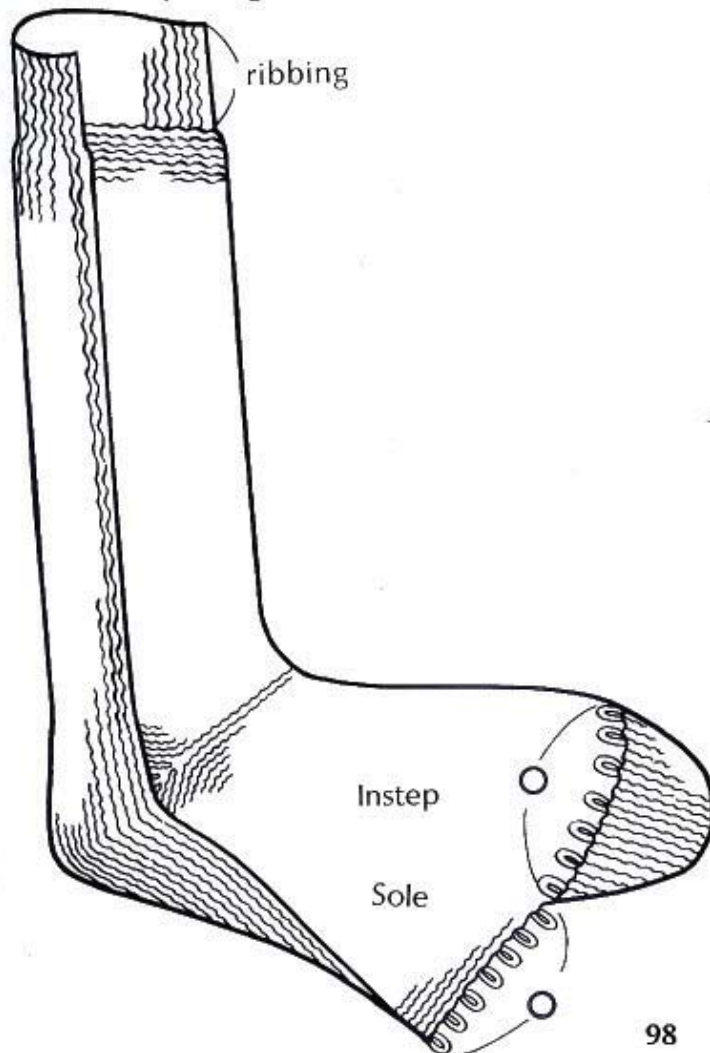




Table Centerpiece

Materials

Cotton yarn: 6 ounces (150grams)

Measurements

Width: 22 inches (56cm)

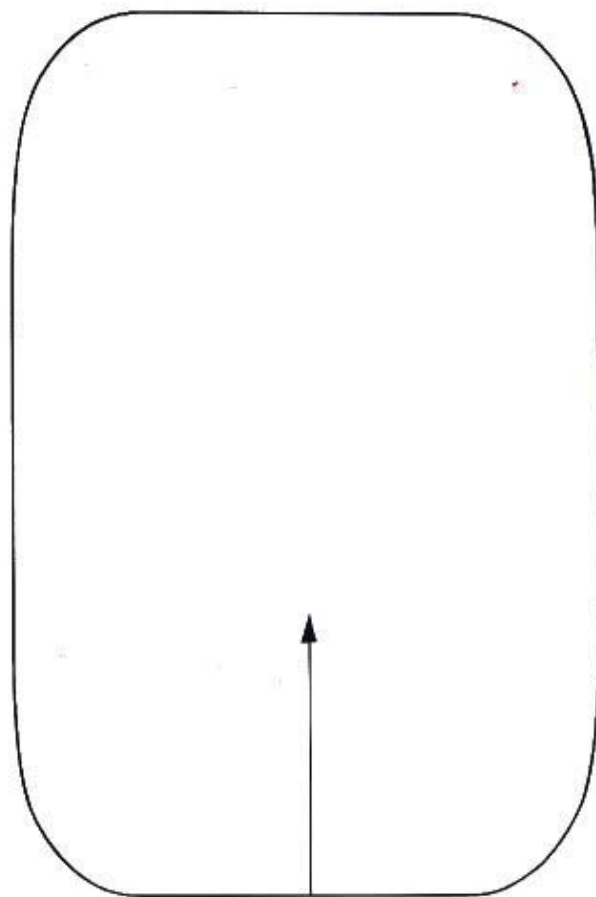
Length: 15 inches (38cm)

Tension

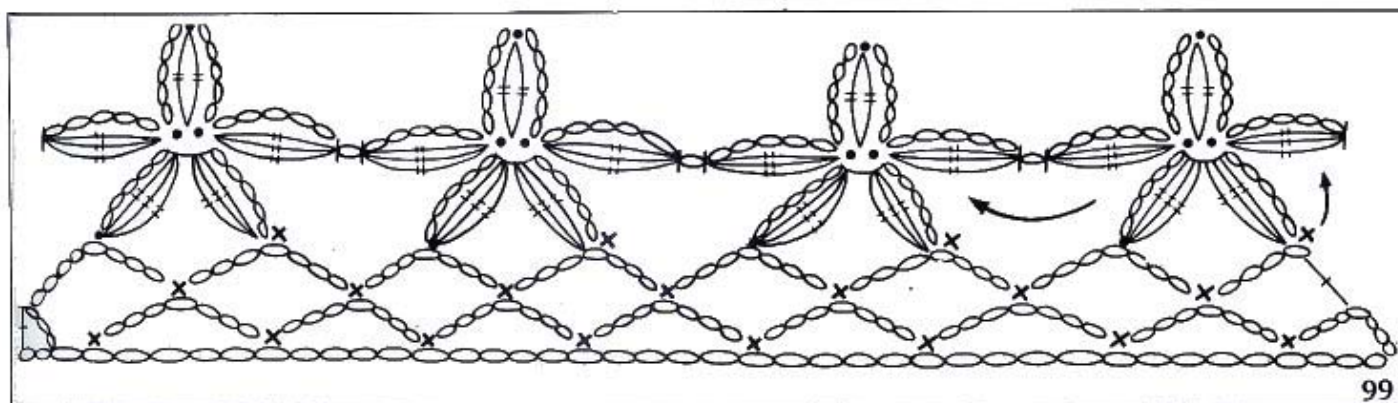
Lace Pattern Tension 4

Directions

1. If yarn is 100% cotton, soak in water and dry before measuring.
2. Using stitch measure scale and following the notations on the pattern, determine the number of stitches needed.
3. Set needles in B position.
4. Knit 10 rows with spare yarn and one row with cast-on thread.
5. Do lace pattern knitting, increasing or decreasing stitches according to the pattern.
6. When completed, cast off stitches and remove from knitter.
7. Adjust size and press with warm iron over a damp cloth.
8. Work one row of single crochet all around knitted piece.
9. Do crochet edging as in Fig. 99.
10. Finish with final pressing.



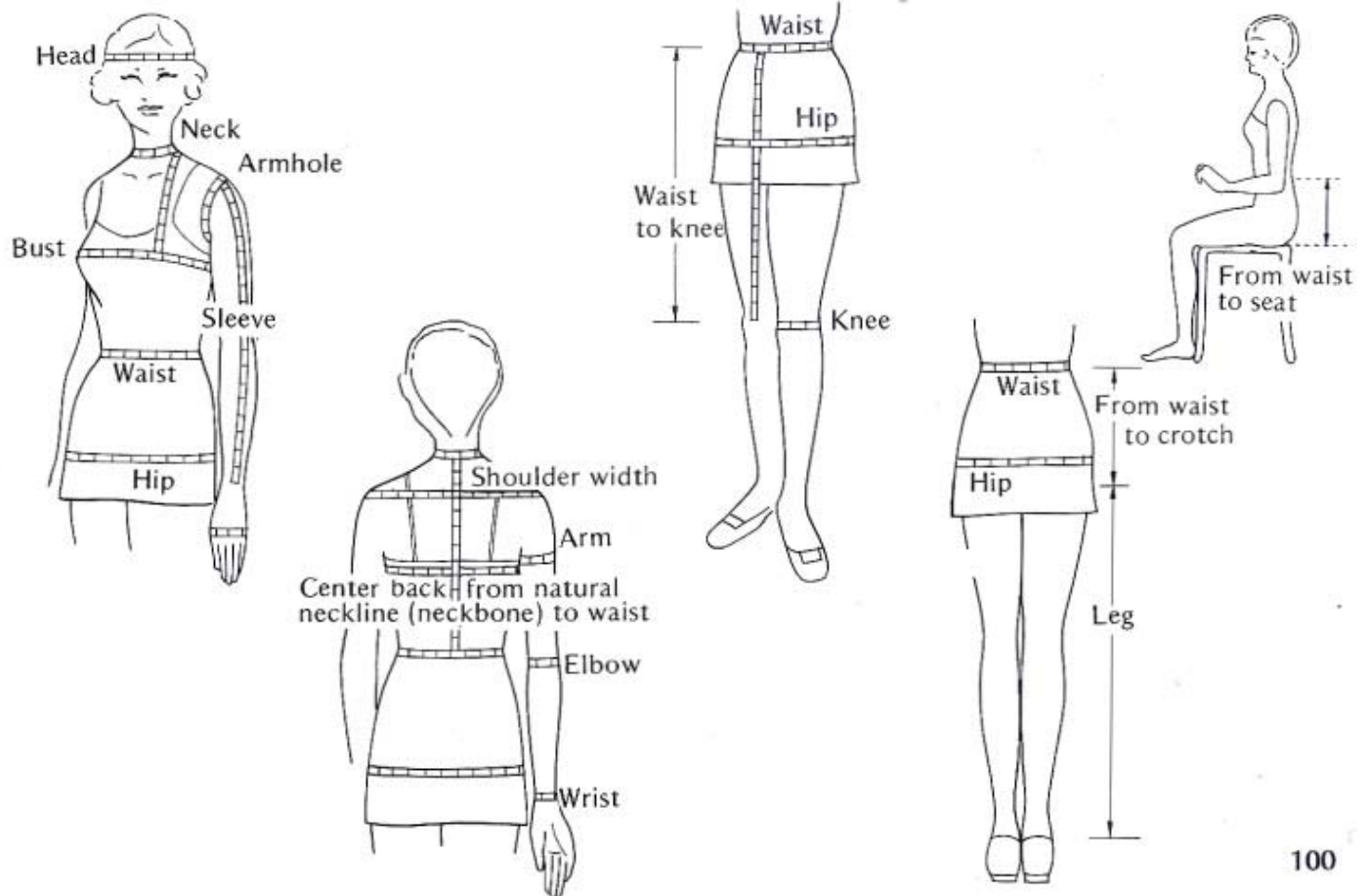
Crochet Edging



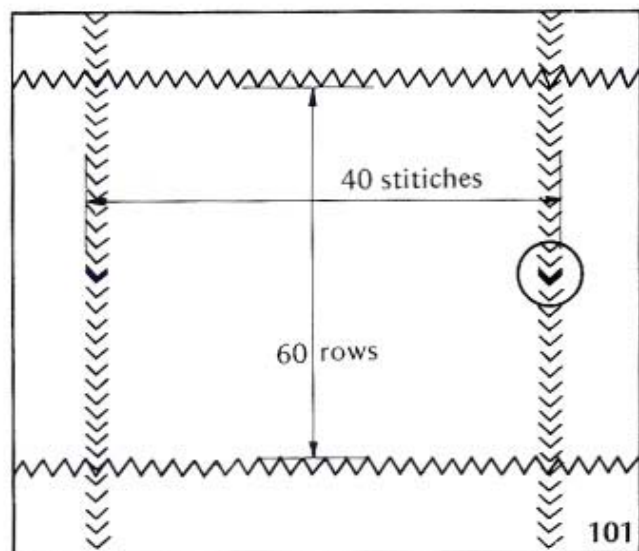
Helpful Hints

* MEASUREMENT

Measure men, women and children all in the same way



100



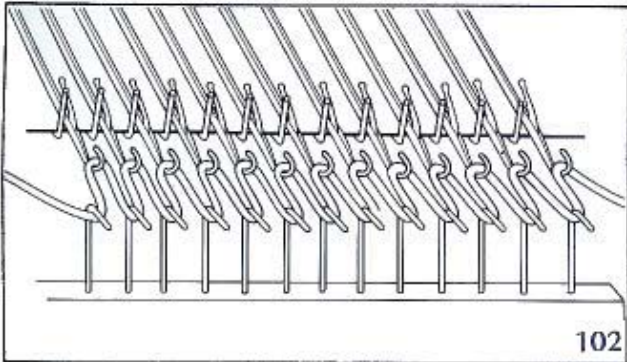
101

* TENSION

The size of the stitch is regulated by the tension setting on the carriage tension dial. Ordinarily, the proper tension for each garment is given in the pattern instructions. However, the size of the stitch often differs according to the kind of wool used. Therefore, it is advisable to knit a tension swatch 40 stitches by 60 rows to be sure of the right tension. This swatch is called tension gauge. (Fig. 101)

*CAST ON STITCHES

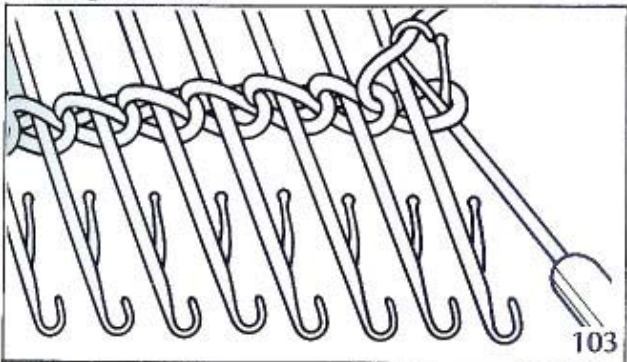
A. Using cast on comb



102

1. Set needles in B position.
2. Hang cast on comb on knitter.
3. Knit one row with spare yarn.
4. Unhook cast on comb, allowing it to hang from the stitches. (Fig. 102)
5. Knit 10 rows with spare yarn.
6. Knit one row with cast on thread.
7. Start knitting with knitting yarn.

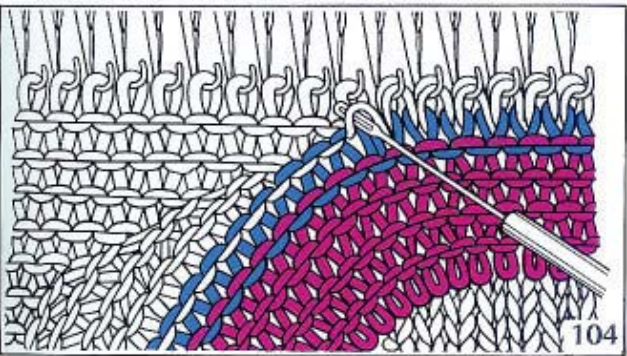
B. Using latch tool



103

1. Set needles in E position.
2. Using knitting yarn, cast on with latch tool. (Fig. 103)

*DOUBLE KNITTING

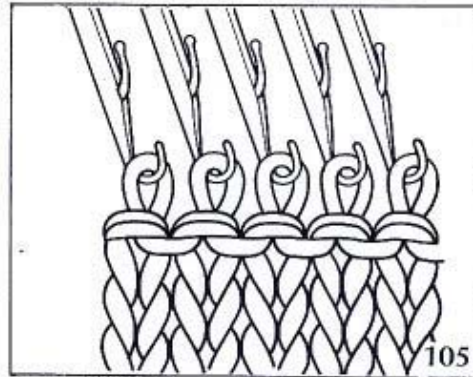


104

A. Starting with spare yarn.

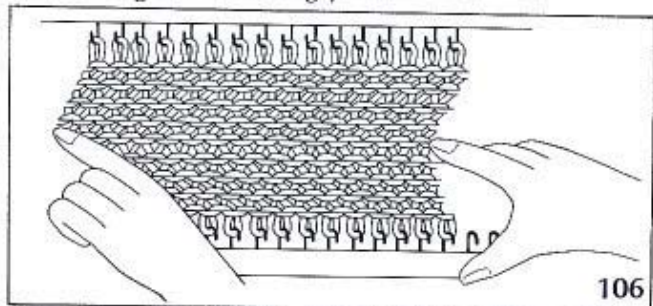
1. Set needles in B position.
2. Knit 10 rows with spare yarn and one row with cast on thread.
3. With knitting yarn, knit twice the number of rows needed for part which is to be double knitted.

4. Hook the first row (bottom row) knitted with knitting yarn on the needles. (Fig. 104)
5. Knit one row. This will fasten top and bottom stitches together.
6. Pull out cast on thread. (Fig. 105)

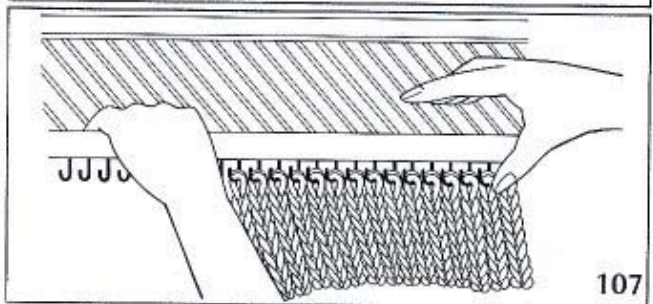


105

B. Starting with knitting yarn.



106

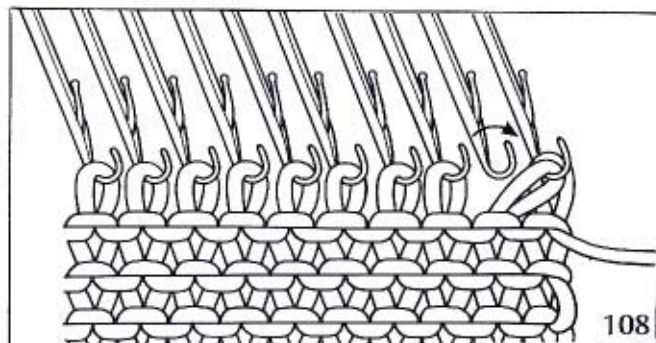


107

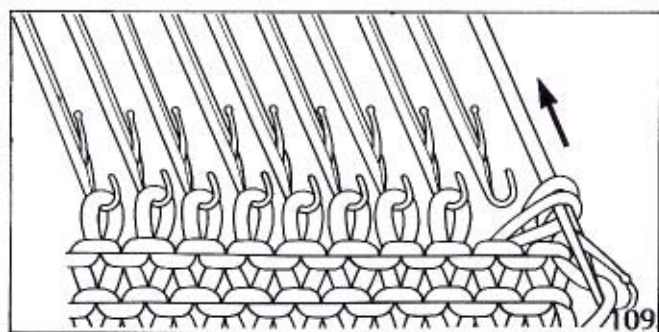
1. Set needles in B position.
2. Hook cast on comb on knitter.
3. Push in both PART buttons.
4. With reverse knob in A position, press down needle selector buttons 1,3,5,7.
5. Flip set lever to left.
6. Set tension dial at 9 and knit one row. Only selected needles will knit.
7. Set reverse knob in B position and again flip set lever to left.
8. Knit one row.
9. Unhook cast-on comb from pegs.
10. Set tension dial in original position.
11. Knit twice the number of rows needed for the part which is to be double knitted.
12. Set needles in E position. Lifting cast-on comb, hook two stitches on each needle. (Fig. 106, 107)
13. Knit one row.

*DECREASING STITCHES

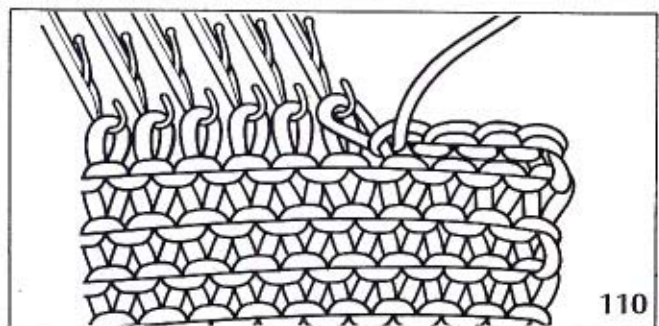
A. On the yarn side:



1. Using transfer tool, hook the second stitch on to the first needle. (Fig. 108)

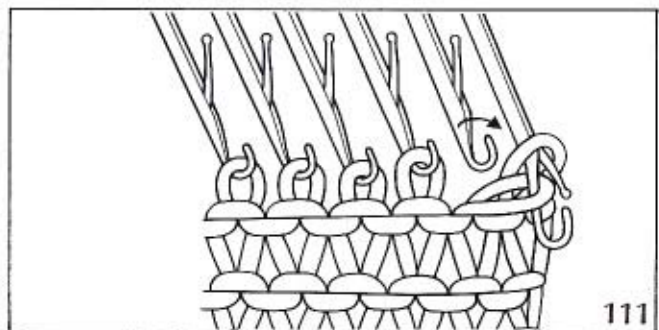


2. Pull needle to E position and hook free yarn.
3. Push needle back to B position, thereby making one stitch. (Fig. 109)

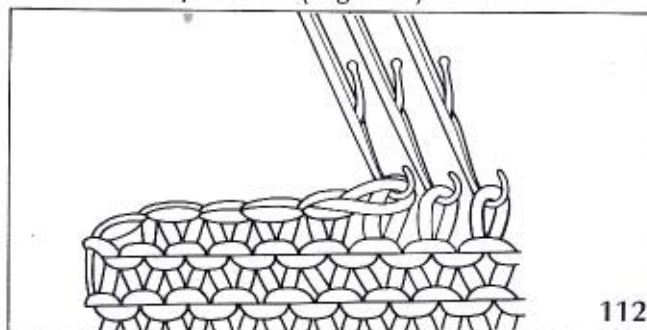


4. Hook new stitch on empty second needle, and push first needle out of the way.
5. Repeat procedure until the required number of stitches is made. (Fig. 110)

B. On side without yarn end :



1. Using transfer tool, hook second stitch on to first needle.
2. Keeping second stitch on hook, put end stitch behind needle latch, and then push needle back to B position. (Fig. 111)

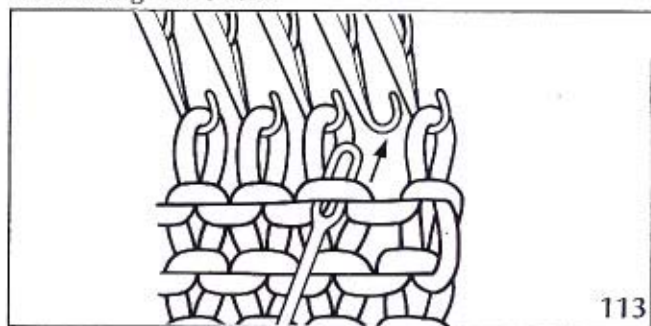


3. Hook new stitch on empty second needle and push first needle out of the way.
4. Repeat procedure. (Fig. 112)

- C. To decrease one stitch, hook second stitch on first needle, and then transfer the two stitches to empty needle.

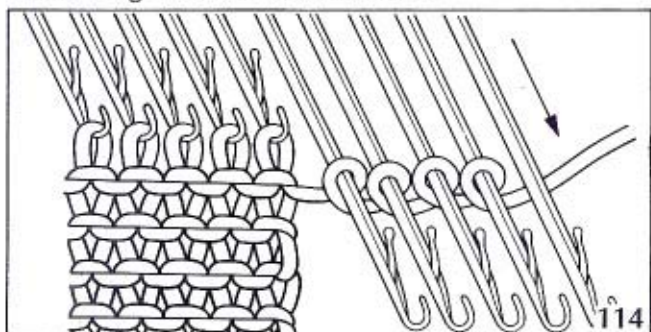
*INCREASING STITCHES

Increasing one stitch



1. Using transfer tool, move end stitch to adjacent outside needle.
2. Pick up top of loop from lower stitch and hook on empty needle. (Fig. 113)

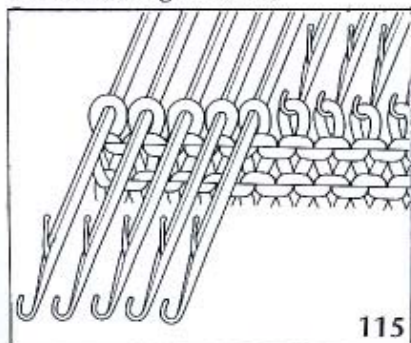
Increasing more than two stitches



*PARTIAL KNITTING

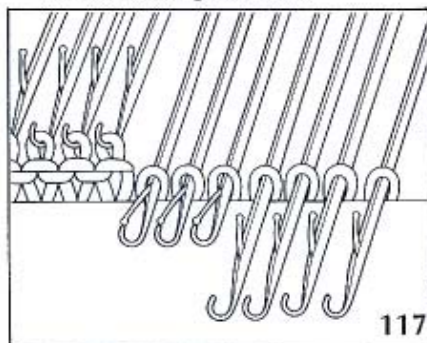
Partial knitting is used for shoulder shaping, trousers, darts etc., when it is necessary to increase or decrease stitches without removing the garment from the knitter.

A. Decreasing stitches

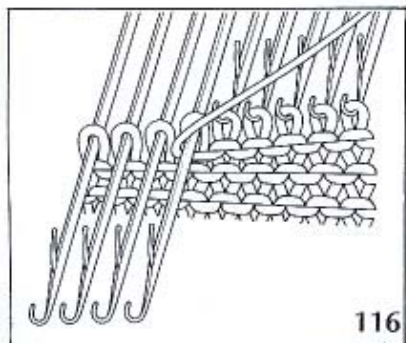


1. Set both holding cam levers at II.
2. Place needles opposite carriage side in E position. The number of needles depends on the shape of the curve. (Fig. 115)

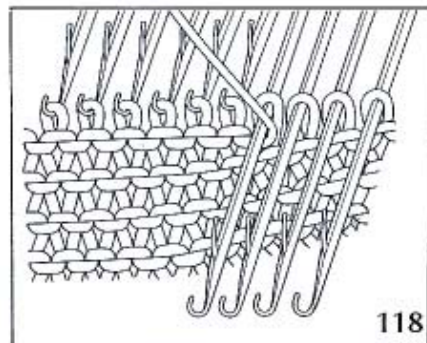
B. Increasing stitches



1. Set both holding cam levers at II and needles opposite carriage side in E position.
2. Place some needles opposite carriage side in D position. The number of needles depends on the shape of the curve. (Fig. 117)



3. Needles on carriage side remain in B position.
4. Knit one row. Needles in B position will operate.
5. Pass yarn under stem of first needle in E position and knit one row again. (Fig. 116)
6. Repeat procedure.



3. Needles on carriage side remain in B position.
4. Knit one row. Needles in B and D position will operate.
5. Pass yarn under stem of first needle in E position and knit one row again. (Fig. 118)
6. Repeat procedure.

You know, the more you use your Knitting Machine, the more skilled you will become.

So keep on trying more designs and more patterns.

You can do beautiful work now.

Bye now. It's been fun knitting with you.





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