



TRANSFORMING LIVES  
Through Skilling

Supporting Partners



**CHAPTER - 10**

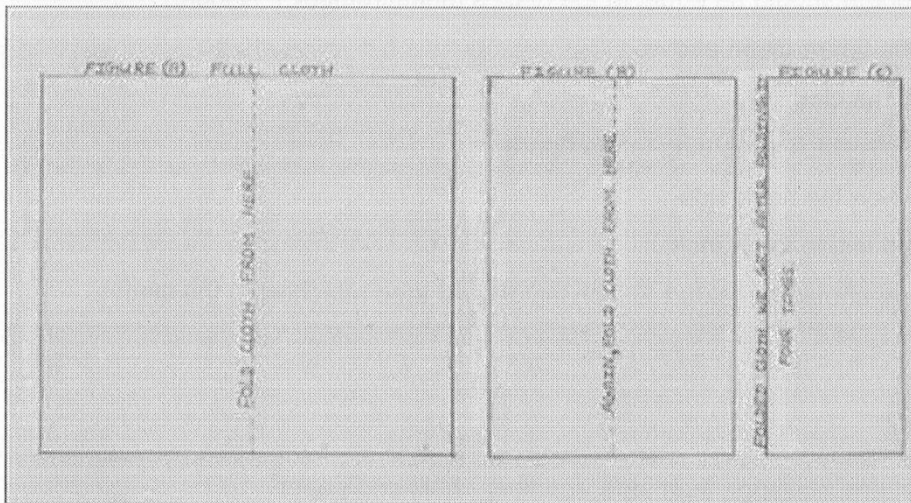
**DRAFTING & PATTERN MAKING FOR MENSWEAR**

## 10.1 How to Draft a Kurta?

**Tools:** Measuring tools, cloth, pattern, scissors, inch tape, marking chalk and paper.

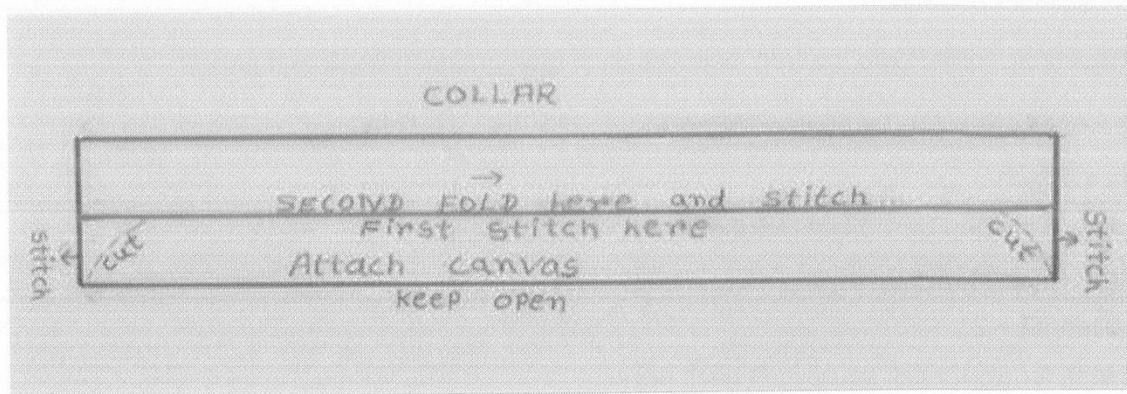
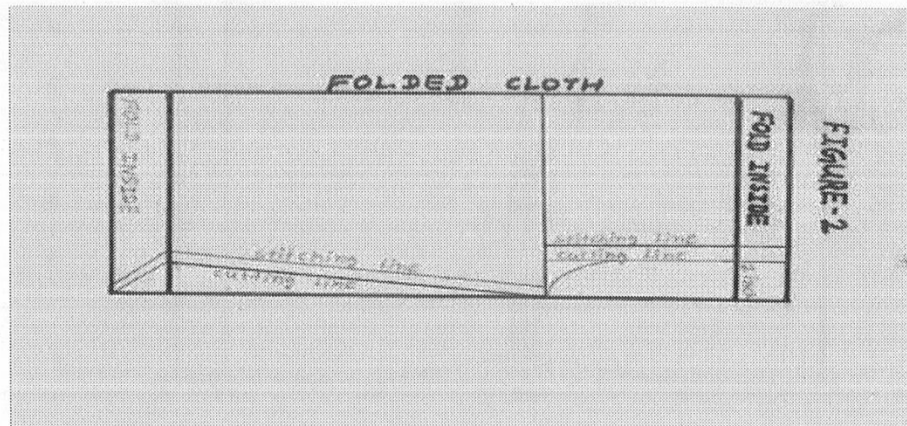
**Measurements are to be taken according to:**

- Length + 2 inch.
- Breadth + 6 divided by 4 (this is for the chest circumference).
- Shoulder + 1 inch divided by 2.
- Sleeve length + 2.
- 3 or 4 inch for front neck and 2 inch back neck.
- Waist circumference + 1 and divided by 2.
- Neck measure +  $\frac{1}{2}$  inch.



## Procedure:

- Marking and cutting must be made according to the figure.
- Make a cut of 3 inch in the front.
- Take a small piece of cloth (length 5 inch and breadth 4 inch).
- Attach the cloth to the front side.
- Make cuts at the side according to the figure and the stitch shown.
- Place the buttons there and join both shoulder sides.
- After this join the sides.

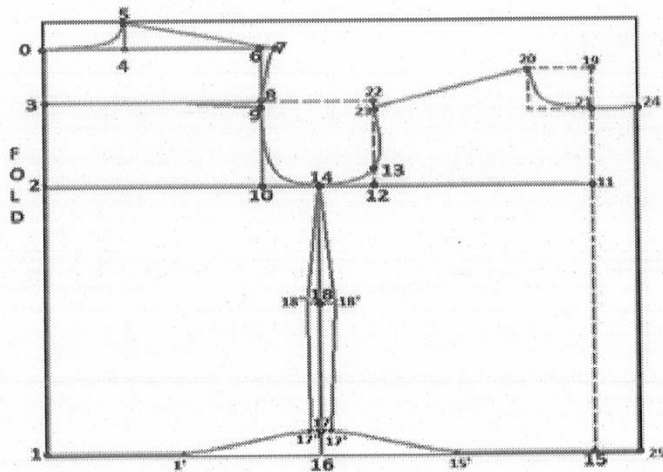


- To make the collar: Observe the figure first.
- Take 4 inch breadth and the length should be equal to the neck's measurement +  $\frac{1}{2}$  inch.
- Make the collar according to the figure given above.
- Stitch a measure of canvas on the cloth.

- Turn the cloth and make a simple stitch according to the figure.
- The collar will be then attached on the neck side.
- Both bottom sides will be folded inside for ½ inch.
- Taking the sleeve, the wrist side should be folded ½ inch inside and then attached to the sleeve.

## 10.2 How to Draft Shirt for Men?

**Tools:** Measuring tools, cloth, pattern, scissors, inch tape, marking chalk and paper.



### Required measurement for Men's Shirt Drafting – the Bodice:

- Back shirt length.
- Chest.
- Shoulder.
- Neck to chest.
- Shoulder to chest.

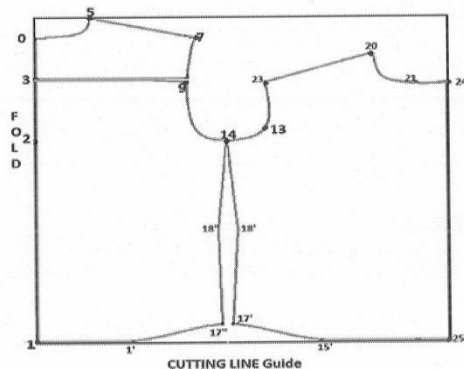
### Men's Shirt bodice draft details:

- 0-1 = Back length.
- 0-2 = Neck to chest.
- 0-3 = Yoke height =  $2 \frac{1}{2}$ ".
- 0-4 =  $\frac{1}{6}$ th of Neck round +  $\frac{5}{8}$ ".

- 4-5 = 1/8th of Neck round.
- 6 = 1/2 Of shoulder.
- 6-7 = 3/4" Connect 5-7.
- 3-8 = 0-6 Shape 8-7.
- 8-9 = 1/4" down Shape 3-9.
- 2-10 = 3-8.
- 2-11 = 1/2" chest + 2 3/4".
- 11-12 = 2-10.
- 12-13 = 15/8" above.
- 14 is midpoint of 2-11.
- 1-15 = 2-11.
- 16 is midpoint of 1-15. Connect 14-16.
- Point 2" above from 16 as 17.
- 18 is midpoint of 14-17.
- 18' & 18" is 1" away from 18.
- 17' & 17" is 3/4" away from 17.
- Connect 17'-18'-14 and 17"-18"-14.
- 1' is midpoint of 1-16 and 15' is midpoint of 15-16.
- Shape 1-1'-17" and 15-15'-17' as shown in draft.
- 11-19 = Shoulder to Chest.
- 19-20 = 1/6 Neck round – 1/4".
- 19-21 = 1/6 Neck round.

## Procedure:

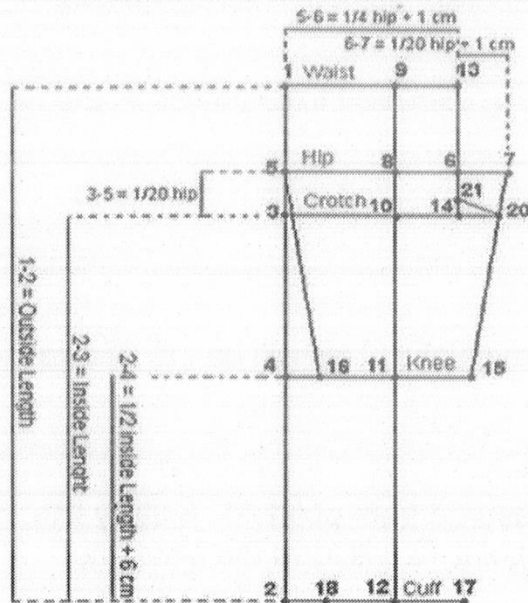
- A horizontal reference line has to be drawn from 3-8 and to the right (this will be halfway to line 19-15).
- A vertical line should be drawn next, from 12 (crossing 13) for meeting the reference line mentioned above and the point that is met should be marked '22'.
- 5-7 should be measured next (less than  $1/8'$ ) from the measurement. The ruler should be pivoted around on point '20' till it will intersect with the vertical line 12-22. This should be at the measurement just found and the meeting point should be marked as '23'.
- 20 should be connected to 23.
- The armhole should be 9-14 and an extra of  $1/2''$  should be taken inside (13-23) at the front armhole.
- The points 21-24 and 15-25 should be of  $1\ 3/4''$ . These are for the button and buttonhole stand.
- Connections should be made for: 15-25-24-21.
- A  $1/4''$  mark should be made up from '24' point (according to the draft).
- The shirt bodice is ready. Drafts are now to be cut separately with the help of the cutting line reference, as given below in the picture:
  - ✓ Yoke Piece: 0-5-7-8-3.
  - ✓ Shirt Back: 3-9-14-18"-17"-1'-1.
  - ✓ Shirt Front: 25-24-21-20-23-13-14-18'-17'-15'-15-25.



- The draft should be cut first and marked to the fabric having seam allowance of  $\frac{1}{4}$ " all around the cutting lines (this excludes the hemlines).  $\frac{3}{4}$ " seam allowance is required for the hem line. (the hem lines are 1-1'-17" and 25-15-15'-17'.
- One piece of front right needs to be cut along with front left and 2 pieces of Yoke.

### 10.3 How to Draft Trouser for Men?

**Tools:** Measuring tools, cloth, pattern, scissors, inch tape, marking chalk and paper.



#### Measurements required:

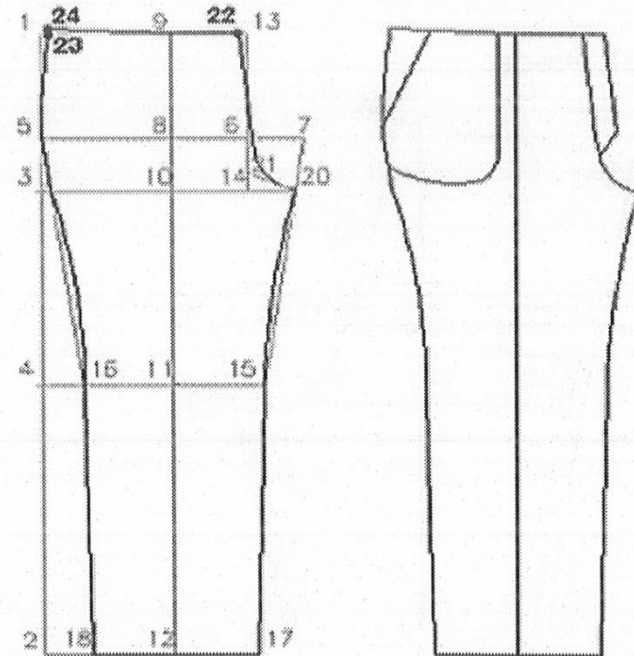
- Waist circumference + 4 cm.
- Hip circumference + 4 cm.
- Inside seam length.



- Outside seam length.
- **Knee Circumference:** The desired finished leg circumference at knee.
- Cuff circumference.
- The desired finished leg circumference at cuff.

### Procedure of drafting pattern:

- A frame with the number as given above should be marked.
- 1-2: Draw a vertical line that will correspond to the pants' outside length. A horizontal line has to be drawn next from point 1 to the right (this will be the waist line). A horizontal line will be drawn next from point 2 to the right (this will be the cuff line).
- 2-3: A distance equal to the inside length needs to be measured up from the point 2 on the cuff line, to the inside length. A horizontal line needs to be drawn from point 3 to the right. This will be the crotch line.
- 4: A middle point between the crotch line and the cuff line should be made (from point 2 to 3). A horizontal knee line should be drawn 6 cm above the point.
- 5: A distance of  $\frac{1}{20}$ \* hip circumference + ease should be measured from point 3. A horizontal hip line needs to be drawn from point 5 to the right.
- 6: A distance same to  $\frac{1}{4}$ \* hip circumference + ease + 1cm should be measured from point 5 to the right.
- 7: A distance same to  $\frac{1}{4}$ \* hip circumference + ease + 1cm should be measured from point 6 to the right.

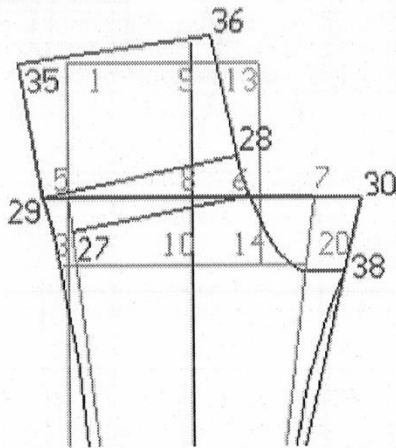


- 8: The middle point between 5 and 7 should be marked.
- 9, 10, 11, and 12: Vertical lines need to be drawn up and down from point 8. This will be the Centre line of the legs of the pant.
- 13, 14: Vertical lines should be drawn up and down from point 6.
- 15, 16: A distance of  $\frac{1}{4}$ \* knee circumference – 1 cm should be measured from point 11. A utility line from point 5 to 6 should be drawn. The line connecting point 15 to point 16 will form the knee line.
- 17, 18: A distance of  $\frac{1}{4}$ \* cuff circumference – 1 cm should be measured from point 12 to the right. The line joining points 17 and 18 will be the cuff line.
- 20: A line from point 7 to point 15 should be drawn in order to obtain point '20'.
- 21: From point 14, a distance of  $\frac{1}{2}$  of the distance between points 14 and 20 will be measured.

### Front Piece:

- At the time of drawing the legs it is necessary to curve a little inwards to the place between the crotch and the knee.
- 22: 0.5 cm to 1 cm should be measured from point 13 to the left.
- 23: A distance of  $\frac{1}{4}$ \*waist circumference + ease should be measured from the point 22.
- 24: 1 cm from point 23 should be measured.

### Back Piece:



### DO YOU KNOW?

With a black suit,  
black shoes must  
be worn - No other  
colour is  
acceptable.

- The back piece should be drawn similar to the front piece, in the same frame.
- 25: From point 8 to the right, a distance of  $1\frac{1}{20}$ \*hip circumference + ease + 1 cm should be measured and also upwards a distance equal to  $1/20$ \*hip circumference + ease – 1 cm.
- 26: From point 25 to the left, a distance of  $1/4$ \*hip circumference + ease + 1 cm should be measured and also downwards a distance equal to  $1/20$ \*hip circumference + ease – 1 cm. The line from points 25 and 26 will be the hip line of the back pant.
- 27: From point 8 to the right, a distance similar to the one between points 8 and 26 should be measured.

- 15 -> 28 = 2 cm

- 17 -> 29 = 2 cm

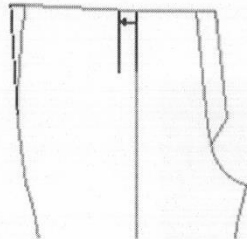
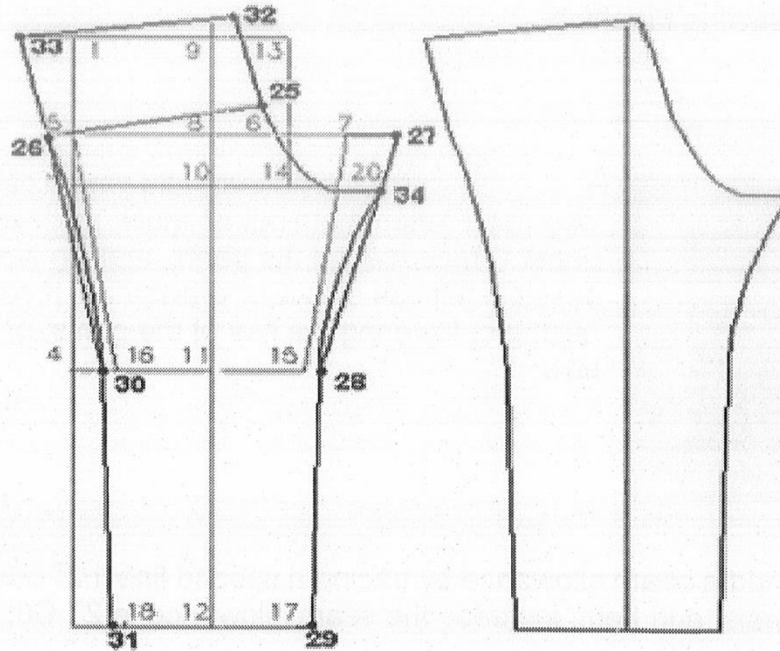
- 16 -> 30 = 2 cm

- 18 -> 31 = 2 cm

- 32: From point 9 to the right 3 cm and up, measure a distance equal to  $1/20$  \* hip circumference + ease -1.5 cm.

- 33: From point 32 measure a distance equal to  $1/4$  \* waist. In this manner, point 33 will be on the waist line.

- 34: Draw a line from point 27 to 28 and to obtain point 34. 1.5 cm of back crotch curve will be below the front crotch curve. The back piece inseam length from the crotch to knee will measure 1.5 cm shorter than the front inseam.



- The back piece will be now ready for drawing (like the picture given above). At the time of drawing legs, it is necessary to curve a bit inwards the middle part of crotch and knee.

#### 10.4 How to Draft Pyjamas for Men?

**Tools:** Measuring tools, cloth, pattern, scissors, inch tape, marking chalk and paper.

##### Required materials for drafting a pajama:

- Pattern paper.
- A pair of lounge pants that fit well.
- Pajama fabric, such as cotton or flannel; the amount will depend on the size pants you are making.
- ½" wide elastic.
- Thread to match.
- Sewing Machine.

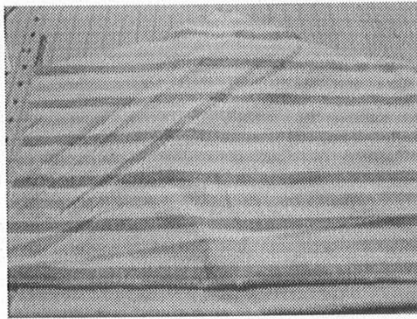
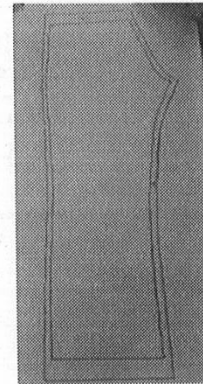
##### Procedure:



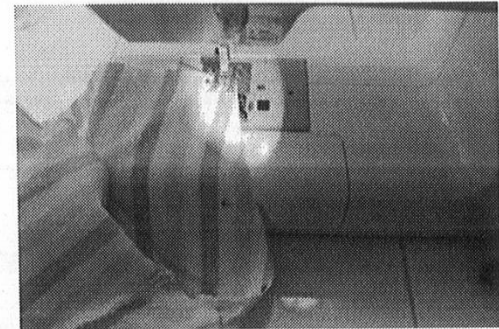
- To make the pattern, fold your existing pants in half and pull the crotch all the way out. Flatten them out as much as possible and lay them on top of your pattern paper. Trace around the pants, making sure to trace the waist as stretched out as possible if it has elastic or drawstring. If you need to make minor fit adjustments, such as raising or lowering the rise of the pants, or making the legs slimmer or looser, do that now.

- Add a seam allowance by tracing a second line 1/2" outside the first line. For the waist and hem, increase the seam allowance to 2". Cut the pattern out.

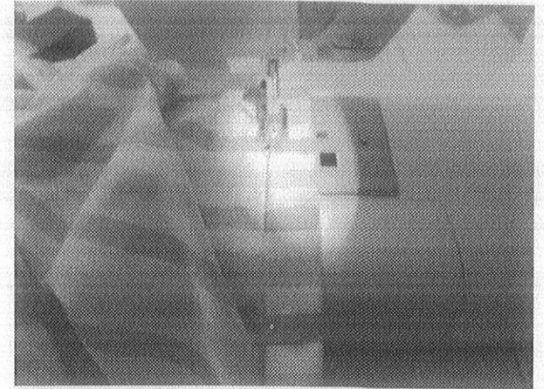
- With fabric folded in half, place the long, straight edge of the pattern right up against the fold. Cut and repeat for the other leg. If you do not have enough fabric width to cut on the fold, you can make each leg into two pieces. Just be sure to add an additional 1/2" on the outside leg and sew that seam before moving on to the next step.



- With the right sides together, sew the inside seams of the legs from ankle to crotch using a 3/8" seam allowance. Press the seam open and finish the raw edges.



- Turn one leg right side out and slip it inside the other leg, matching up the crotch and side seams. Sew along the crotch using a  $\frac{3}{8}$ " seam allowance. Turn the pants inside out.



- To make the elastic casing, fold down the top edge of the waist  $\frac{1}{2}$ " and press. Fold down 1" and press again. Use pins to mark an opening about 3" long to insert the elastic. Sew around the waist, making sure not to sew the opening closed.
- Use a safety pin to thread the elastic through the casing. Sew the ends of the elastic together and then sew the opening of the casing closed.
- Hem to the desired length.