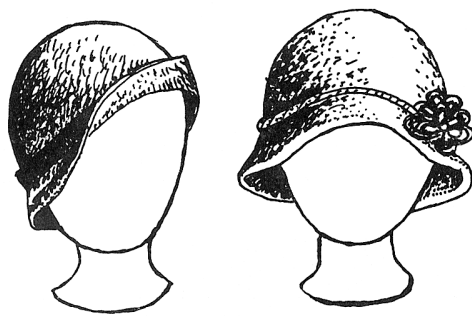


## MAKING A HAT PATTERN FOR RESIST-STYLE FELTMAKING

Pat Spark, © 1992, 2007

**NOTE:** These instructions are for making the basic hat, without the shrinkage. If you are making the template for a felt hat, you must add the shrinkage for the fiber you are using.

Patterns for hats are somewhat involved to make since they are made specifically for a certain sized head. You will need to take measurements from the head of the person who is going to wear the hat. Because the measurements used for the cloche hat pattern are the basis for the other hat patterns, make the cloche pattern first and keep the graph paper version of it as a reference.



cloches

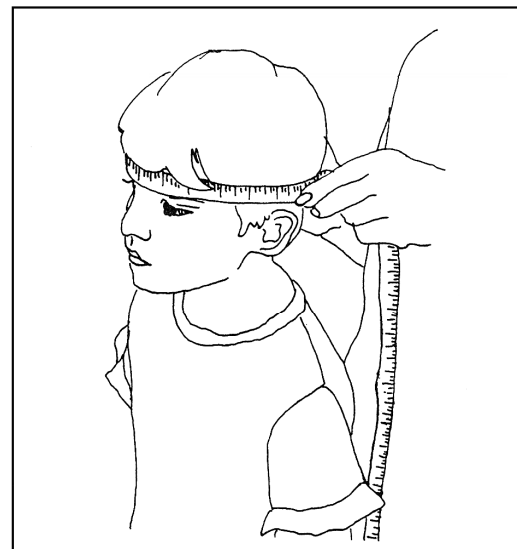
**CLOCHE PATTERN:** The **cloche** is designed to fit close to the head and come down over the ears, like those wonderful flapper hats worn during the “Roaring ‘20s”.

**1. Measurement A** = The distance over the head, measured from earlobe to earlobe; divided by 2' plus 4 cm. (1.5 inches) for shrinkage.

**2. Measurement B** = The distance around the head, measured across the eyebrows, just skimming the tops of the ears and to the back of the head; divided by 2; plus 4 cm. (1.5 inches) for shrinkage.



*Measure from earlobe to earlobe, over the head to get the distance for A.*



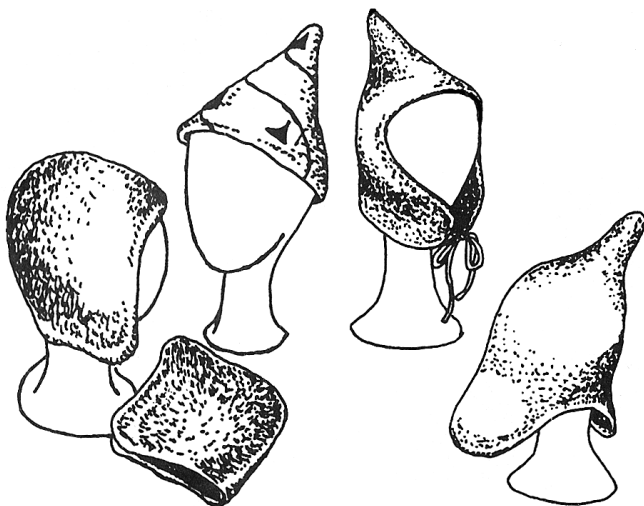
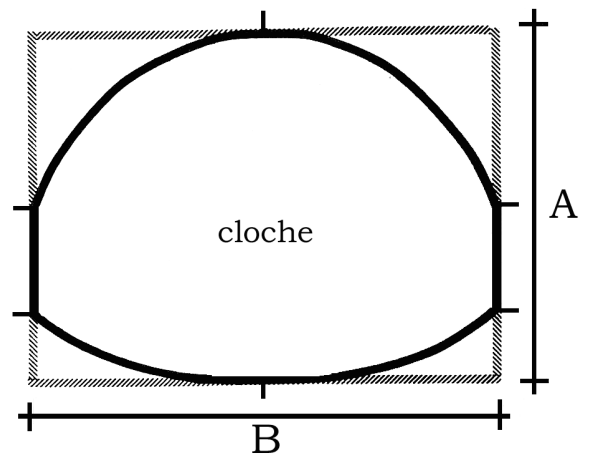
*Measure around the head to get the distance for B.*

3. Using the measurements of A and B, draw a rectangle with A as the height and B as the width. Mark the center points of all the edges. Connect the side center points with the top center, using a very rounded line.

4. Mark another point one fifth of the way up from the bottom corner on each side. Using a gently curving line, connect these points with the center bottom.

5. Mark a point 1 cm. (.5 in.) to the left of and 2.5 cm. (1 in.) above the lower right corner. Use a gently curving line to connect the center point on the right side with this new point to complete the back side of the helmet pattern.

6. Connect the measurement C point with the bottom of the flap line, using the flap width line as a guide. Connect the back, bottom edge of the helmet with the flap as indicated in the diagram.



#### HELMET PATTERN:

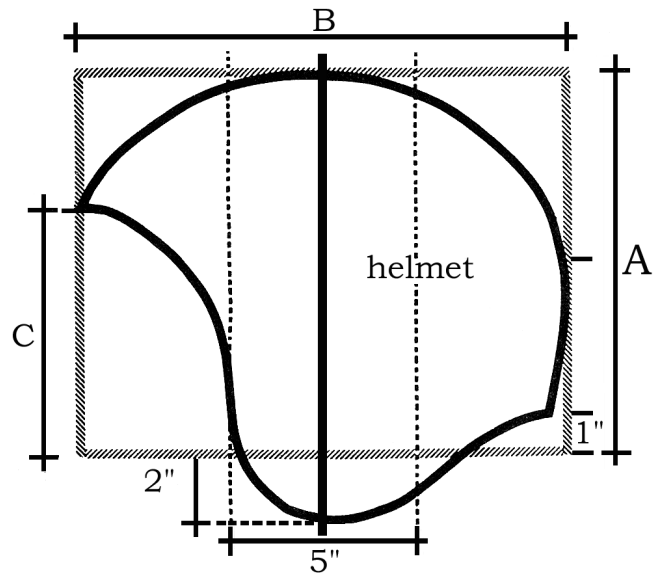
1. Figure measurements A and B as you did for the cloche pattern. In addition, measure from the bottom lip to the hairline. (This will be measurement C.) Draw a rectangle using measurements A and B, with A as the height and B as the width.

2. Draw a line down the vertical center of this rectangle. Extend this line beyond the bottom of the rectangle to the length you would like the flaps to be. (Remember the bottom edge of the rectangle was placed using the ear lobe measurement, so it indicates the bottom tip of the ear.)

You will probably want the flap to cover the ears and come down farther for warmth. Some popular have ranged from 2.5-8 cm. (1-3 in.)

3. To indicate the width of the flap, draw a line 6.5 cm. (2.5 in.) on each side of the center line. This will make a flap 13 cm. (5 in.) wide before shrinkage. (After experimentation, if you find that you want to change this width, you would alter your pattern accordingly.)

4. Using measurement C, mark a point up from the left, lower corner of the rectangle. Mark two more points at the top and right centers. Connect these three points with a very rounded line.



**HIMALAYAN HELMET PATTERN:** Draw a helmet pattern and extend the ear flaps so that they are at least 8 cm. (3 in.) long. Use the cone point pattern and add a cone to the crown of the helmet as shown. (Or draw your own version of a cone point.)

