

# Long strips

Here's a direct way to obtain a much longer tapering strip, e.g.  $L = 140$  cm. Use a double thickness rectangle as described on page 73.

Example strip measurements:  $L = 140$  cm,  $b = 5$  cm,  $a = 1$  cm.

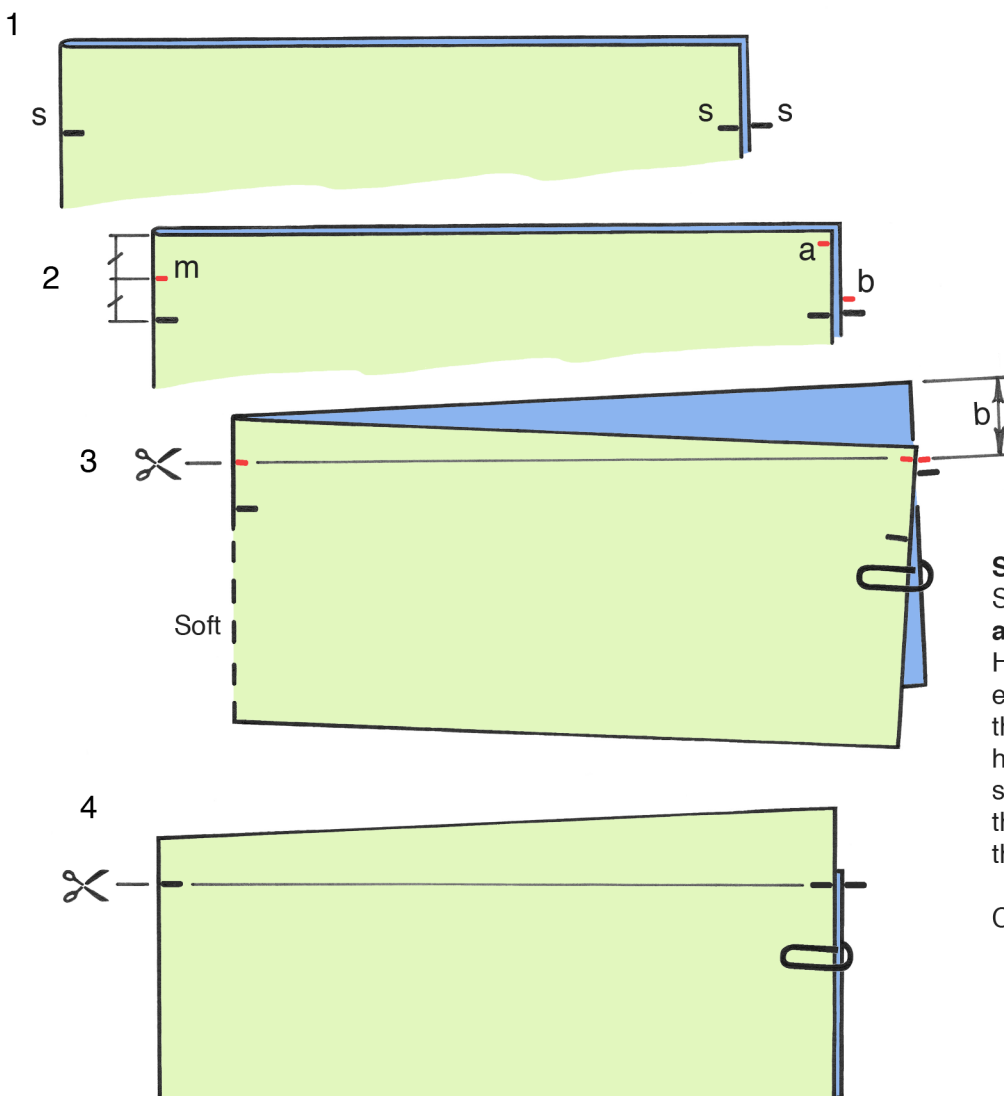
## Step 1

Make 3 marks  $s = 6$  cm, where  $s$  is the sum of the small and wide ends of the strip:  $s = a + b$ ,  $s = 1$  cm + 5 cm.

## Step 2

On the folded left hand edge make a central mark at  $m$ , where  $m$  is half way down to  $s$  (3 cm).

On the open right hand edges, make 2 marks,  $a$  on the front layer,  $b$  on the rear layer, each time measuring from the upper corners.



## Step 3

Slide the rear layer up until  $a$  exactly touches  $b$ . Holding the repositioned edges together, flatten the paper gently on the left hand edge, where a new short crease will form, fixing the layers. Don't flatten the whole sheet completely.

Cut to connect  $m$  and  $ab$ .

## Step 4

Slide the front layer back to its original position and make a second cut connecting  $s$  and  $ss$  to get a second strip.