

Fill in the blanks below to design your custom fit skirt.

- A HIP/WAIST CIRCUMFERENCE**
USE THE LARGER OF THE TWO
- B FINISHED SKIRT LENGTH**
- C EASE AT WAIST/HIPS**
- D GATHERS MULTIPLIER**
- E ELASTIC WIDTH**
- F ELASTIC CASING EASE**
- G SEAM ALLOWANCE**
- H HEM ALLOWANCE**



For quicker calculations, solve these two expressions. The first is the basis of the width measurements. The second uses our desired garment length to calculate the lengths of the tiers.

$$(A + C)/2 = \dots\dots\dots \frac{(B - E - F)}{3.25} = \dots\dots\dots$$



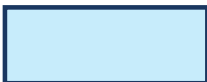

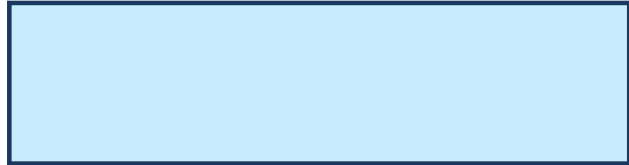
PROJECT 001 :: HOW TO DRAFT AN ELASTIC WAIST TIERED SKIRT

PATTERN PIECE *Worksheet*

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Use the numbers from page 1 to complete the formulas and draft the pattern pieces.

↔ width × ↕ length

----- × -----	-----	1 WAISTBAND	 + SEWING WITH NUMBERS ×
$(A+C)/2 + G \times 2$	$(E + F + G) \times 2$		
----- × -----	-----	2 TIER ONE	
$(A+C)/2 + G \times 2$	$.75 \times ((B-E-F)/3.25) + G \times 2$		
----- × -----	-----	3 TIER TWO	
$D \times ((A+C)/2) + G \times 2$	$(B-E-F)/3.25 + G \times 2$		
----- × -----	-----	4 TIER THREE	
$D \times D \times ((A+C)/2) + G \times 2$	$1.5 \times ((B-E-F)/3.25) + G + H$		

Cut 2 of each pattern piece.
Visit [Sewing With Numbers on Substack](#) for more info.