

Alex Marie DIY

Pattern Drafting - The Basic Bodice

Things you will need

- 12-inch Straight Ruler or 2 x 18 inch (5 x 45 cm) clear grid ruler
- L-Square or Set Square
- Vary form curve / French curve
- Pencils, Eraser and Sharpener Carbon Paper
- Tracing wheel
- Scissors (Paper and Fabric)
- Sewing Machine
- 1 yards/metres of Muslin Fabric (Unbleached Calico/Plain Poplin)
- Roll of Paper (Brown, Dot, Swedish) 25 x 30 inch (65 x 75 cm)
- Metre rule or yard stick (optional)
- Awl (optional)
- Pattern notcher (optional)
- Masking tape/Sellotape (optional)
- Cardboard Paper (Cardstock)

Fraction/Decimal Conversion Table

INCHES		CENTIMETRES	
1/8	0.125	1/10	0.1
2/8 or 1/4	0.25	2/10 or 1/5	0.2
3/8	0.375	3/10	0.3
4/8 or 1/2	0.5	4/10 or 2/5	0.4
5/8	0.625	5/10 or 1/2	0.5
6/8 or 3/4	0.75	6/10 or 3/5	0.6
7/8	0.875	7/10	0.7
		8/10 or 4/5	0.8
		9/10	0.9

Basic Bodice Measurement and Calculation Sheet

Measurements

1.	Full length Front (Shoulder to waist)			
2.	Full length Back (Shoulder to waist)			
3.	Centre Back		$\frac{1}{2}$	
4.	Neck			
5.	Across shoulder		$\frac{1}{2}$	
6.	Shoulder			
7.	Bust Depth (Shoulder to Bust)			
8.	Bust		$\frac{1}{2}$	$\frac{1}{4}$
9.	Upper Bust		$\frac{1}{4}$	
10.	Across Chest		$\frac{1}{2}$	
11.	Across Back		$\frac{1}{2}$	
12.	Waist		$\frac{1}{4}$	
13.	Apex width (Bust span)		$\frac{1}{2}$	
14.	Side			
15.	Armhole			

Calculations

Neck width (Neck X 0.2) - $\frac{1}{8}$ (3mm)	$\underline{\hspace{1cm}} \times 0.2 = \underline{\hspace{1cm}} - \frac{1}{8} = \underline{\hspace{1cm}}$
Neck Depth (Neck width + $\frac{3}{8}$ (1cm))	$\underline{\hspace{1cm}} + 0.375 = \underline{\hspace{1cm}}$
Armhole Depth (Bust depth X 0.75)	$\underline{\hspace{1cm}} \times 0.75 = \underline{\hspace{1cm}}$
Front Bust = $\frac{1}{4}$ Bust + $\frac{3}{8}$ inch (1 cm)	$\underline{\hspace{1cm}} \div 4 = \underline{\hspace{1cm}} + 0.375 = \underline{\hspace{1cm}}$
Front Upper Bust = $\frac{1}{4}$ Upper Bust + $\frac{3}{8}$ inch (1 cm)	$\underline{\hspace{1cm}} \div 4 = \underline{\hspace{1cm}} + 0.375 = \underline{\hspace{1cm}}$
Front waist = $\frac{1}{4}$ Waist + $\frac{3}{8}$ inch (1 cm)	$\underline{\hspace{1cm}} \div 4 = \underline{\hspace{1cm}} + 0.375 = \underline{\hspace{1cm}}$
Back waist = $\frac{1}{4}$ Waist - $\frac{3}{8}$ inch (1 cm)	$\underline{\hspace{1cm}} \div 4 = \underline{\hspace{1cm}} - 0.375 = \underline{\hspace{1cm}}$

SAMPLE

Basic Bodice Measurement and Calculation Sheet

Measurements

16.	Full length Front (Shoulder to waist)	18			
17.	Full length Back (Shoulder to waist)	18			
18.	Centre Back	17	$\frac{1}{2}$	8.5	
19.	Neck	16			
20.	Across shoulder	17	$\frac{1}{2}$	8.5	
21.	Shoulder	5.75			
22.	Bust Depth (Shoulder to Bust)	11.75			
23.	Bust	41	$\frac{1}{2}$	20.5	$\frac{1}{4}$
24.	Upper Bust	40	$\frac{1}{4}$	10	
25.	Across Chest	15	$\frac{1}{2}$	7.5	
26.	Across Back	16.5	$\frac{1}{2}$	8.25	
27.	Waist	34.5	$\frac{1}{4}$	8.625	
28.	Apex width (Bust span)	8.5	$\frac{1}{2}$	4.25	
29.	Side	8			
30.	Armhole	20.5			

Sewing a little bit at a time

Calculations

Neck width (Neck X 0.2) - $\frac{1}{8}$ (3mm)	$16 \times 0.2 = 3.2 - \frac{1}{8} = 3$
Neck Depth (Neck width + $\frac{3}{8}$ (1cm))	$3 + 0.375 = 3.375$
Armhole Depth (Bust depth X 0.75)	$11.75 \times 0.75 = 8.875$
Front Bust = $\frac{1}{4}$ Bust + $\frac{3}{8}$ inch (1 cm)	$41 \div 4 = 10.25 + 0.375 = 10.625$
Front Upper Bust = $\frac{1}{4}$ Upper Bust + $\frac{3}{8}$ inch (1 cm)	$40 \div 4 = 10 + 0.375 = 10.375$
Front waist = $\frac{1}{4}$ Waist + $\frac{3}{8}$ inch (1 cm)	$34.5 \div 4 = 8.625 + 0.375 = 9$
Back waist = $\frac{1}{4}$ Waist - $\frac{3}{8}$ inch (1 cm)	$34.5 \div 4 = 8.625 - 0.375 = 8.375$

