

Alex Marie Sewing Tutorials

Easy Pattern Drafting - The Basic Bodice

by
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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
- 2 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 |
| 1/4 | 0.25 | 1/5 | 0.2 |
| 3/8 | 0.375 | 3/10 | 0.3 |
| 1/2 | 0.5 | 2/5 | 0.4 |
| 5/8 | 0.625 | 1/2 | 0.5 |
| 3/4 | 0.75 | 3/5 | 0.6 |
| 7/8 | 0.875 | 7/10 | 0.7 |
| | | 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) | | $\frac{1}{2}$ | | |
| 3. | Centre Back | | | | |
| 4. | Centre Front | | | | |
| 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 | | | $\frac{1}{2}$ | |
| 14. | Side | | | | |
| 15. | Armhole | | | | |

Calculations

| | |
|---|--|
| Front Bust = $\frac{1}{4}$ Bust + $\frac{1}{4}$ inch ($\frac{1}{2}$ cm) | |
| Front Upper Bust = $\frac{1}{4}$ Upper Bust + $\frac{1}{4}$ inch ($\frac{1}{2}$ cm) | |
| Front waist = $\frac{1}{4}$ Waist + $\frac{1}{4}$ inch ($\frac{1}{2}$ cm) | |
| Back waist = $\frac{1}{4}$ Waist - $\frac{1}{4}$ inch ($\frac{1}{2}$ cm) | |

SAMPLE**Basic Bodice Measurement and Calculation Sheet****Measurements**

| | | | | | |
|-----|--|-------------|---------------|---------------|----------------------------|
| 1. | Full length Front (Shoulder to waist) | 18.5 | | | |
| 2. | Full length Back (Shoulder to waist) | 18.5 | $\frac{1}{2}$ | 9.25 | |
| 3. | Centre Back | 17.5 | | | |
| 4. | Centre Front | 15 | | | |
| 5. | Across shoulder | 17.5 | $\frac{1}{2}$ | 8.75 | |
| 6. | Shoulder | 5.75 | | | |
| 7. | Bust Depth (Shoulder to Bust) | 11.5 | | | |
| 8. | Bust | 41 | $\frac{1}{2}$ | 20.5 | $\frac{1}{4}$ 10.25 |
| 9. | Upper Bust | 40 | | $\frac{1}{4}$ | 10 |
| 10. | Across Chest | 14 | $\frac{1}{2}$ | 7 | |
| 11. | Across Back | 16 | $\frac{1}{2}$ | 8 | |
| 12. | Waist | 34 | $\frac{1}{4}$ | 8.5 | |
| 13. | Apex width | 8 | $\frac{1}{2}$ | 4 | |
| 14. | Side | 8 | | | |
| 15. | Armhole | 20 | | | |

Calculations

| | |
|---|-----------------------|
| Front Bust = $\frac{1}{4}$ Bust + $\frac{1}{4}$ inch ($\frac{1}{2}$ cm) | $10.25 + 0.25 = 10.5$ |
| Front Upper Bust = $\frac{1}{4}$ Upper Bust + $\frac{1}{4}$ inch ($\frac{1}{2}$ cm) | $10 + 0.25 = 10.25$ |
| Front waist = $\frac{1}{4}$ Waist + $\frac{1}{4}$ inch ($\frac{1}{2}$ cm) | $8.5 + 0.25 = 8.75$ |
| Back waist = $\frac{1}{4}$ Waist - $\frac{1}{4}$ inch ($\frac{1}{2}$ cm) | $8.5 - 0.25 = 8.25$ |

Quarter Scale Bodice of Sample

