

Children's shirt / bodice / blouse sizes follow a similar grading process of Missy sizes, except usually a 1" grade is used between all the sizes. This applies for the infant, toddler and children's sizes. Also, because children grow taller faster than wider, the length amounts are more than in adult sizes. The following charts will guide you to process the grading.

Children's Bodice / Blouse  
Front & Back

		1"		1"		1"		1"		1"	
		2	3	4	5	6	6X				
Set Up Position	x	0/0 0.000	0/0 0.000	0/0 0.000	M A S T E R P A T T E R N	0/0 0.000	0/0 0.000				
	y	0/0 0.000	0/0 0.000	0/0 0.000		0/0 0.000	0/0 0.000				
<b>1</b> Move the pattern UP 1/8" (X .125) and OUT 1/16" (Y .0625). Mark the shoulder/neckline corner.	x	DOWN 3/8" -.125	DOWN 1/4" -.125	DOWN 1/8" -.125		UP 1/8" .125	UP 1/4" .125				
	y	IN 3/16" -.0625	IN 1/8" -.0625	IN 1/16" -.0625		OUT 1/16" .0625	OUT 1/8" .0625				
<b>2</b> Remaining UP 1/8" (X .125) from 0 crossgrain, move the pattern OUT 1/8" (Y .125) from 0 grainline, mark the shoulder/armhole position.	x	DOWN 3/8" -.125	DOWN 1/4" -.125	DOWN 1/8" -.125		UP 1/8" .125	UP 1/4" .125				
	y	IN 3/8" -.125	IN 1/4" -.125	IN 1/8" -.125		OUT 1/8" .125	OUT 1/4" .125				
<b>3</b> Move the pattern DOWN 1/8" (-X -.250) from 0 crossgrain, while remaining OUT 1/8" (Y .125) from 0 crossgrain. Mark the mid-armhole area and the armhole notch(es).	x	UP 3/8" .125	UP 1/4" .125	UP 1/8" .125		DOWN 1/8" -.125	DOWN 1/4" -.125				
	y	IN 3/8" -.125	IN 1/4" -.125	IN 1/8" -.125		OUT 1/8" .125	OUT 1/4" .125				
<b>4</b> Remaining DOWN 1/8" (-X -.125) from 0 crossgrain, and move the pattern OUT 1/4" (Y .250) from 0 grainline position. Mark the underarm/side seam position.	x	UP 3/8" .250	UP 1/4" .125	UP 1/8" .125		DOWN 1/8" -.125	DOWN 1/4" -.125				
	y	IN 3/4" -.250	IN 1/2" -.250	IN 1/4" -.250		OUT 1/4" .250	OUT 1/2" .250				
<b>5</b> Move the pattern DOWN 1/4" (-X -.250) from 0 crossgrain, while remaining OUT 1/4" (Y .250) from 0 grainline position. Mark the side seam/waist position.	x	UP 3/4" -.250	UP 1/2" -.250	UP 1/4" -.250		DOWN 1/4" -.250	DOWN 1/2" -.250				
	y	IN 3/4" -.250	IN 1/2" -.250	IN 1/4" -.250		OUT 1/4" .250	OUT 1/2" .250				
<b>6</b> Remaining DOWN 1/4" (-X -.250) from 0 crossgrain position, move the pattern back to 0 GRAINLINE (Y 0.000) Mark the center front/waist position. Continue to mark the dart drill holes as instructed in outline.	x	UP 3/4" -.250	UP 1/2" -.250	UP 1/4" -.250	DOWN 1/4" -.250	DOWN 1/2" -.250					
	y	BACK TO 0 0.000	BACK TO 0 0.000	BACK TO 0 0.000	BACK TO 0 0.000	BACK TO 0 0.000					

- 7** Center and blend all lines.
- 8** Stack to check patterns at 0/0 center/neck position.

Children's skirt and pant sizes follow the same grading process of Missy sizes, except usually a 1" grade is used between all the sizes. Also, because children grow taller faster than wider, the length amounts are more than in adult sizes. The following charts will guide you to process the grading.

Children's Pants  
Front & Back

		1"		1"		1"		1"		1"						
		2	3	4	5	6	6X									
x		0/0 0.000	0/0 0.000	0/0 0.000	M A S T E R P A T T E R N	0/0 0.000	0/0 0.000									
		0/0 0.000	0/0 0.000	0/0 0.000		0/0 0.000	0/0 0.000									
x		DOWN 1 1/8" -.375	DOWN 3/4" -.375	DOWN 3/8" -.375		S T E R P A T T E R N	UP 3/8" .375	UP 3/4" .375								
		REMAIN AT 0 0.000	REMAIN AT 0 0.000	REMAIN AT 0 0.000			REMAIN AT 0 0.000	REMAIN AT 0 0.000								
x		DOWN 1 1/8" -.375	DOWN 3/4" -.375	DOWN 3/8" -.375			R P A T T E R N	UP 3/8" .375	UP 3/4" .375							
		IN 3/8" -.125	IN 1/4" -.125	IN 1/8" -.125				OUT 1/8" .125	OUT 1/4" .125							
x		DOWN 1 1/8" -.375	DOWN 3/4" -.375	DOWN 3/8" -.375				P A T T E R N	UP 3/8" .375	UP 3/4" .375						
		OUT 1/2" .125	OUT 1/4" .125	OUT 1/8" .125					IN 1/8" -.125	IN 1/4" -.125						
x		BACK TO 0 0.000	BACK TO 0 0.000	BACK TO 0 0.000					A T T E R N	BACK TO 0 0.000	BACK TO 0 0.000					
		OUT 3/4" .250	OUT 1/2" .250	OUT 1/4" .250						IN 1/4" -.250	IN 1/2" -.250					
x		UP 3" 1.0	UP 2" 1.0	UP 1" 1.0						E R N	DOWN 1" -1.0	DOWN 2" -1.0				
		IN 3/8" -.125	IN 1/4" -.125	IN 1/8" -.125							OUT 1/8" .125	OUT 1/4" .125				
x		UP 3" 1.0	UP 2" 1.0	UP 1" 1.0	N						DOWN 1" -1.0	DOWN 2" -1.0				
		OUT 3/8" .125	OUT 1/4" .125	OUT 1/8" .125							IN 1/8" -.125	IN 1/4" -.125				

Set Up Position

Where the grainline and the crotch line crossgrain meet, is considered the 0/0 POSITION for the pants.

1 Move the pattern UP 3/8" (X .375), and REMAIN AT 0 GRAINLINE, mark the WAISTLINE DARTS and DRILL HOLES (tucks, pleats, or shirring notches).

2 Remaining UP 3/8" (X .375), move the pattern OUT HALF GRADE 1/8" (Y .125) from 0/0 grainline. Mark the SIDE WAIST CORNER and the side seam to just past the hip line notch.

3 Remaining UP 3/8" (X .375), move the pattern IN HALF GRADE 1/8" (-Y -.250) from 0/0 grainline. Mark the C.F. WAIST corner and any extension or seam allowance and notches.

4 Move the pattern back to 0 CROSSGRAIN. Also, move the pattern IN HALF GRADE 1/8" PLUS 1/8" = 1/4" (-Y -.250) from 0.0 grainline. Mark the IN-SEAM CROTCH position.

5 Move the pattern DOWN 1" (-X -1.0) from 0 crossgrain, move the pattern until it is OUT 1/8" (Y .125) from 0 grainline. Mark the HEMLINE AT THE SIDE SEAM.

6 Remaining DOWN 1" (-X -1.0) move the pattern IN 1/8" (-Y -.125) from 0/0 grainline. Mark the IN-SEAM/HEM CORNER.