

# Wren ★ Feathers

## Yet Another Resizing Tutorial

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I assume you have basic sewing knowledge and the explanation should suffice, but if you need help please email me!

I did a tutorial before on enlarging and adapting patterns here: <http://jenwrenne.files.wordpress.com/2014/03/resizing-tutorial-and-hoodie.pdf> Use this chart with directions from the previous tutorial for perfect adaptations.

Measurements in inches.

	Bust	Waist	Inseam	Arm	Neck-Waist	Between Shoulder	Head	Height
18" Maplelea	11	10.75	6.5	6	4.5	3.75	12	18
18" <b>AG</b>	11.25	11	6.5	5	4.75	4	12.25	18
18" Magic Attic/Carpatina	9.5	8.625	6	5.5	3.5	4.5	11.25	18
18" <b>Kidz n cats</b>	8.5	8.5	6.5	5.5	3	3.5	10.5	18
16" Girl for All Time	8.25	7.185	6	5.75	3.25	3.5	11	16
16" <b>Sasha</b> (Trendon)	8.75	8.5	6	5.25	3.375	3.75	10	16
16" MIM (immature torso BJD)	7	6.25	6.5	5.25	2.5	3.375	7.25	16
15" Marie Kruse (Toni)	8.25	7.5	4.5	5.125	3.25	3.33	10.5	
14" <b>H4H</b>	6.5	5.75	5	4.185	2.375	2.75	10	14
14" Kish	7	6.375	5.625	4.5	2.5	3	7	14
13" Corolle <b>Cheries</b>	6	5.5	4.625	3.75	2	2.5	9	13
12" Senson	5.5	5	4.75	4.25	2	2.5	6.5	12
11" Leeann	5.625	5	4	3.75	2	2.5	6.5	11
10" Ann Estelle/ Tonner Patsy	5.625	5.375	3	3	1.75	2	7.5	10
8" Strawberina	4.125	4	2.375	2.5	1.5	1.75		8
6" mini AG	3.50	3.50	2.00	1.75	1.45	1.25		6

This chart and [the previous resizing tutorial](#) work to convert any size to any size with a little bit of math, but below are some already-done ratios to help you adapt bigger doll patterns from my blog to smaller dolls you've said you want to see. **Note that when you shrink things, your seam allowance (SA) will then decrease by that ratio.** For example, copying something that had ¼" SA at 50%, decreases it to 1/8", so add another 1/8" around to compensate.

Also note that elastic waist pants will usually work fine, but fitted pants are difficult to resize this way. It's better to start from scratch and fit by draping (which is WAY beyond the scope of this)

**AG to Mini AG** is a perfect **33%** conversion, but your seam and hem allowances almost disappear. Sew the clothes in felt or other non-fray fabric by hand (whipstitch) and it's not an issue, or add back your desired seam allowance. I'd still recommend doing smaller parts by hand, saving the machine for long, straight seams, like gathering. For best results, choose patterns that are sleeveless, (the fairy bodices with straps are great!) raglan, or already have sleeves in them (dolman/kimono style sleeves).

**This is a rough guide...**the better they match the original body type, the better the clothes will fit!

When it says "lengthen sleeves" that really only applies to long sleeves...short ones will be fine.

Make a muslin first! Otherwise you'll end up having to buy a whole bunch of dolls to wear your "mistakes" when they don't fit the doll you intended them to fit. ☺

8" Ruby Red Galleria <b>Strawberina</b>	Copy <b>AG</b> patterns at 36%, lengthen sleeves
	Copy <b>Kidz n Cats</b> at 48%, lengthen pants/skirt hems
	Copy <b>H4H</b> at 65%, lengthen sleeves & pants/skirt hems
10" Tonner <b>Patsy</b> /Ann Estelle/Half Pint	Copy <b>AG</b> patterns at 50%, lengthen sleeves a tiny bit (10%) (*update: copied at 55% you don't need to re-add SA)
	Copy <b>Kidz n Cats</b> at 62%, shorten sleeves and pants/skirt hems
	Copy <b>H4H</b> at 84%, shorten sleeves and pants/skirt hems
12" Senson ( <b>In-Motion</b> ) and 11" <b>Leeann</b> /BeJu	Copy <b>AG</b> patterns at 48%, lengthen sleeves and pants/skirt hems
	Copy <b>Kidz n Cats</b> at 64%, lengthen sleeves and pants/skirt hems
	Copy <b>H4H</b> at 85%, lengthen sleeves & pants/skirt hems
MIM (16" immature torso <b>BJD</b> )	Copy <b>Kidz n Cats</b> at 82%, lengthen sleeves and pants/skirt hems
	Copy <b>H4H</b> at 107%, lengthen sleeves by 1" and pants/skirt hems by 1.5"

AG ↔Sasha/KnC conversions? A little harder. You need to slice and dice you pattern pieces, so I'll get to a separate tutorial on that soon.