

	A	B	C	D	E	F	G	H	I
1		=D1/F1	sts per 1"	20	sts per	4	inches		
2		=D2/F2	rows per 1"	28	rows per	4	inches		
3									
4		4	stitch multiple						
5		2	balancing ("plus") number						
6									
7		=WomenB2	=WomenC2	=WomenD2	=WomenE2	=WomenF2	=WomenG2		
8	Half Lower hip finished measurement	18.5	20	21.5	22.75	24.25	25.75		
9	raw beginning sts	92.5	100	107.5	113.75	121.25	128.75		
10									
11	Half bust finished measurement	15.25	16.75	18	19.5	21	22.5		
12	raw bust sts	76.25	83.75	90	97.5	105	112.5		
13									
14	Cross-back measurement	13	14	14.75	16	16.75	17.5		
15	raw cross-back sts	65	70	73.75	80	83.75	87.5		
16									
17	Back neck width	7.75	8.25	8.25	8.5	9	9		
18	raw back neck sts	38.75	41.25	41.25	42.5	45	45		
19									
20	Sleeve cuff width	8	8.75	9	9.75	10	10.5		
21	raw cuff sts	40	43.75	45	48.75	50	52.5		
22									
23	top of sleeve width	11.75	12.75	13.5	14.5	15.5	16.5		
24	raw top of sleeve sts	58.75	63.75	67.5	72.5	77.5	82.5		
25									
26	length from lower hem to armhole	16.25	16.5	16.75	17.25	17.5	17.75		
27	sleeve length	18	18.5	19	19.5	20	20.5		
28	armhole height	7	7.5	8	8.5	9	9.5		
29	sleeve cap length	4.75	5	5.25	5.75	6	6.5		
30	back neck shaping depth	1	1	1	1	1	1		
31	front neck shaping depth	4	4	4	4	4	4		
32	shoulder slope	0.75	0.75	0.75	0.75	0.75	0.75		
33									
34	check stitch multiple								
35	raw number to start	=B9	=C9	=D9	=E9	=F9	=G9		
36	raw number - "plus" number	=B35-\$B\$5	=C35-\$B\$5	=D35-\$B\$5	=E35-\$B\$5	=F35-\$B\$5	=G35-\$B\$5		
37									
38	that number divided by st multiple	=B36/\$B\$4	=C36/\$B\$4	=D36/\$B\$4	=E36/\$B\$4	=F36/\$B\$4	=G36/\$B\$4		
39	rounded down to whole number	=FLOOR(B38,1)	=FLOOR(C38,1)	=FLOOR(D38,1)	=FLOOR(E38,1)	=FLOOR(F38,1)	=FLOOR(G38,1)		
40	(st multiple x that whole number) + "plus" number	=(B\$4*B39)+\$B\$5	=(C\$4*C39)+\$B\$5	=(D\$4*D39)+\$B\$5	=(E\$4*E39)+\$B\$5	=(F\$4*F39)+\$B\$5	=(G\$4*G39)+\$B\$5		
41									
42	finished measurement using revised st count	=B40/\$B\$1	=C40/\$B\$1	=D40/\$B\$1	=E40/\$B\$1	=F40/\$B\$1	=G40/\$B\$1		
43	difference from original target	=B8-B42	=C8-C42	=D8-D42	=E8-E42	=F8-F42	=G8-G42		
44									
45									
46	<b>Body Slope Shaping</b>								
47									
48	Starting number of sts	=B40	=C40	=D40	=E40	=F40	=G40		
49	sts at underarm would be	=B12	=C12	=D12	=E12	=F12	=G12		=CONCATENATE(B48,"(",C48," ",D48," ",E48," ",F48," ",G48," ",H48,")")
50	adjust that number to EVEN/ODD to match starting sts	76	84	90	98	106	112		
51	total sts to get rid of from lower hem to bust	=B48-B50	=C48-C50	=D48-D50	=E48-E50	=F48-F50	=G48-G50		
52	divide by 2 for sts to get rid of on one side	=B51/2	=C51/2	=D51/2	=E51/2	=F51/2	=G51/2		
53									
54	Length from lower hem to underarm	=B26	=C26	=D26	=E26	=F26	=G26		
55	number of inches to work straight at bottom	2	2	2	2	2	2		
56	number of inches to work straight at top	1.5	1.5	1.5	1.5	1.5	1.5		
57	length available for shaping	=B54-B55-B56	=C54-C55-C56	=D54-D55-D56	=E54-E55-E56	=F54-F55	=G54-G55-G56		
58	Rows available for shaping	=B57*\$B\$2	=C57*\$B\$2	=D57*\$B\$2	=E57*\$B\$2	=F57*\$B\$2	=G57*\$B\$2		
59									
60	number of rows available for shaping, rounded to whole EVEN number	=MROUND(B58,2)	=MROUND(C58,2)	=MROUND(D58,2)	=MROUND(E58,2)	=MROUND(F58,2)	=MROUND(G58,2)		
61									
62	rows available for hspacing divided by sts to get rid of on one side	=B60/B52	=C60/C52	=D60/D52	=E60/E52	=F60/F52	=G60/G52		
63	round it down to whole EVEN number	=FLOOR(B62,2)	=FLOOR(C62,2)	=FLOOR(D62,2)	=FLOOR(E62,2)	=FLOOR(F62,2)	=FLOOR(G62,2)		
64	add 2 to that number	=B63+2	=C63+2	=D63+2	=E63+2	=F63+2	=G63+2		
65	assume all decs at faster rate, would use up this many rows	=B52*B63	=C52*C63	=D52*D63	=E52*E63	=F52*F63	=G52*G63		
66	rows available for shaping - rows used if done at faster rate	=B60-B65	=C60-C65	=D60-D65	=E60-E65	=F60-F65	=G60-G65		
67	divide it by 2 (if want shaping on RS only)-decs done at slower rate	=B66/2	=C66/2	=D66/2	=E66/2	=F66/2	=G66/2		





	A	B	C	D	E	F	G	H	I
198	number of inches to work straight at top	1	1	1	1	1	1		
199	length available for shaping	=B196-B197-B198	=C196-C197-C198	=D196-D197-D198	=E196-E197-E198	=F196-F197	=G196-G197-G198		
200	rows available for shaping	=B199*\$B\$2	=C199*\$B\$2	=D199*\$B\$2	=E199*\$B\$2	=F199*\$B\$2	=G199*\$B\$2		
201									
202	number of rows available for shaping, rounded to whole EVEN number	=MROUND(B200,2)	=MROUND(C200,2)	=MROUND(D200,2)	=MROUND(E200,2)	=MROUND(F200,2)	=MROUND(G200,2)		
203									
204	rows available for hspacing divided by sts to get rid of on one side	=B202/B194	=C202/C194	=D202/D194	=E202/E194	=F202/F194	=G202/G194		
205	round it down to whole EVEN number	=FLOOR(B204,2)	=FLOOR(C204,2)	=FLOOR(D204,2)	=FLOOR(E204,2)	=FLOOR(F204,2)	=FLOOR(G204,2)		
206	add 2 to that number	=B205+2	=C205+2	=D205+2	=E205+2	=F205+2	=G205+2		
207	assume all decs at faster rate, would use up this many rows	=B194*B205	=C194*C205	=D194*D205	=E194*E205	=F194*F205	=G194*G205		
208	rows available for shaping - rows used if done at faster rate	=B202-B207	=C202-C207	=D202-D207	=E202-E207	=F202-F207	=G202-G207		
209	divide it by 2 (if want shaping on RS only)-decs done at slower rate	=B208/2	=C208/2	=D208/2	=E208/2	=F208/2	=G208/2		
210	total decs - decs at slower rate = decs at faster	=B194-B209	=C194-C209	=D194-D209	=E194-E209	=F194-F209	=G194-G209		
211	dec every this many rows	=B205	=C205	=D205	=E205	=F205	=G205		
213	this many times	=B210	=C210	=D210	=E210	=F210	=G210		
214	dec every this many rows	=B206	=C206	=D206	=E206	=F206	=G206		
215	this many times	=B209	=C209	=D209	=E209	=F209	=G209		
216									
217	check rows used	=B202-B212*B213-B214*B215	=C202-C212*C213-C214*C215	=D202-D212*D213-D214*D215	=E202-E212*E213-E214*E215	=F202-F212	=G202-G212*G213-G214*G215		
218	check sts decreased	=B194-B213-B215	=C194-C213-C215	=D194-D213-D215	=E194-E213-E215	=F194-F212	=G194-G213-G215		
219									
220	sts rem after shaping is complete	=B190+2*(B213+B215)	=C190+2*(C213+C215)	=D190+2*(D213+D215)	=E190+2*(E213+E215)	=F190+2*F212	=G190+2*(G213+G215)		
221									
222	Work even until piece measures	=B27	=C27	=D27	=E27	=F27	=G27		
223									
224									
225	SCHMATIC								
226	Finished Bust, rounded to .25	=MROUND(B42*2,0.25)	=MROUND(C42*2,0.25)	=MROUND(D42*2,0.25)	=MROUND(E42*2,0.25)	=MROUND(F42*2,0.25)	=MROUND(G42*2,0.25)		=CONCATENATE(B226,"(",C226," ",D226," ",E226," ",F226," ",G226," ",H226,")")
227	convert to cm	=MROUND(CONVERT(B226,"in"),0.25)	=MROUND(CONVERT(C226,"in"),0.25)	=MROUND(CONVERT(D226,"in"),0.25)	=MROUND(CONVERT(E226,"in"),0.25)	=MROUND(CONVERT(F226,"in"),0.25)	=MROUND(CONVERT(G226,"in"),0.25)		
228									
229	Finished Hip, rounded	=MROUND(B45*2,0.25)							
230	convert to cm	=MROUND(CONVERT(B229,"in"),0.25)	=MROUND(CONVERT(C229,"in"),0.25)	=MROUND(CONVERT(D229,"in"),0.25)	=MROUND(CONVERT(E229,"in"),0.25)	=MROUND(CONVERT(F229,"in"),0.25)	=MROUND(CONVERT(G229,"in"),0.25)		
231									
232	Sleeve Cuff Sts	=B190	=C190	=D190	=E190	=F190	=G190		
233	finished cuff, rounded	=MROUND(B232/\$B\$1,0.25)	=MROUND(C232/\$B\$1,0.25)	=MROUND(D232/\$B\$1,0.25)	=MROUND(E232/\$B\$1,0.25)	=MROUND(F232/\$B\$1,0.25)	=MROUND(G232/\$B\$1,0.25)		
234	convert to cm	=MROUND(CONVERT(B233,"in"),0.25)	=MROUND(CONVERT(C233,"in"),0.25)	=MROUND(CONVERT(D233,"in"),0.25)	=MROUND(CONVERT(E233,"in"),0.25)	=MROUND(CONVERT(F233,"in"),0.25)	=MROUND(CONVERT(G233,"in"),0.25)		=CONCATENATE(B234,"(",C234," ",D234," ",E234," ",F234," ",G234," ",H234,")")