

	A	B	C	D	E	F	G	H	I
70	dec every this many rows	=B63	=C63	=D63	=E63	=F63	=G63	=H63	=CONCATENATE(B70,"(",C70,"",D70,"")["E70","",F70,"",G70,"",H70,""])
71	this many times	=B68	=C68	=D68	=E68	=F68	=G68	=H68	=CONCATENATE(B71,"(",C71,"",D71,"")["E71","",F71,"",G71,"",H71,""])
72	dec every this many rows	=B64	=C64	=D64	=E64	=F64	=G64	=H64	=CONCATENATE(B72,"(",C72,"",D72,"")["E72","",F72,"",G72,"",H72,""])
73	this many times	=B67	=C67	=D67	=E67	=F67	=G67	=H67	=CONCATENATE(B73,"(",C73,"",D73,"")["E73","",F73,"",G73,"",H73,""])
74									
75	check rows used	=B60-B70*B71-B72*B73	=C60-C70*C71-C72*C73	=D60-D70*D71-D72*D73	=E60-E70*E71-E72*E73	=F60-F70*F71	=G60-G70*G71-G72*G73	=H60-H70*H71	
76	check sts decreased	=B52-B71-B73	=C52-C71-C73	=D52-D71-D73	=E52-E71-E73	=F52-F71-F73	=G52-G71-G73	=H52-H71-H73	
77									
78	sts rem after shaping is complete	=B48-2*(B71+B73)	=C48-2*(C71+C73)	=D48-2*(D71+D73)	=E48-2*(E71+E73)	=F48-2*(F71+F73)	=G48-2*(G71+G73)	=H48-2*(H71+H73)	
79									
80	Work even until piece measures	=B26	=C26	=D26	=E26	=F26	=G26	=H26	
81									
82	Armhole Shaping								
83	Starting number of sts at underarm	=B78	=C78	=D78	=E78	=F78	=G78	=H78	
84	raw cross-back sts	=B15	=C15	=D15	=E15	=F15	=G15	=H15	
85	adjust that number to EVEN/ODD to match starting sts	66	72	76	80	84	86	87	
86	total sts to get rid of at arhmoie	=B83-B85	=C83-C85	=D83-D85	=E83-E85	=F83-F85	=G83-G85	=H83-H85	
87	divide that by 2 for sts to get rid of each side	=B86/2	=C86/2	=D86/2	=E86/2	=F86/2	=G86/2	=H86/2	
88									
89	Get rid of this many inches worth of sts in first st (about 1-2" depending on size)	1	1	1	1	1	1	2	
90	which is this amny sts, rounded	=B89*SB\$1	=C89*SB\$1	=D89*SB\$1	=E89*SB\$1	=F89*SB\$1	=G89*SB\$1	=H89*SB\$1	
91	remaining sts to get rid of each side	=B87-B90	=C87-C90	=D87-D90	=E87-E90	=F87-F90	=G87-G90	=H87-H90	
92									
93	BO this many sts each side	4	5	7	8	8	8	8	
94	this many times	1	1	1	1	1	1	1	
95	BO this many sts each side					3	7	7	
96	this many times					1	1	1	
97	Dec 1 st every this many rows	2	2	2	2	2	2	2	
98	this many times	1	2	3	5	5	5	5	
99									
100	check sts used	=B87-B93*B94-B95*B96-B98	=C87-C93*C94-C95*C96-C98	=D87-D93*D94-D95*D96-D98	=E87-E93*E94-E95*E96-E98	=F87-F93*F94	=G87-G93*G94-G95*G96-G98	=H87-H93*H94	
101	It took this many rows (assuming BO takes 2 rows)	=2*(B94+B96)+B97*B98	=2*(C94+C96)+C97*C98	=2*(D94+D96)+D97*D98	=2*(E94+E96)+E97*E98	=2*(F94+F96)+F97*F98	=2*(G94+G96)+G97*G98	=2*(H94+H96)+H97*H98	
102	It took this many rows (assuming BO takes 1 rows)	=B94+B96+B97*B98	=C94+C96+C97*C98	=D94+D96+D97*D98	=E94+E96+E97*E98	=F94+F96+F97*F98	=G94+G96+G97*G98	=H94+H96+H97*H98	
103									
104	length of armhole curve-knitting	=B101/SB\$2	=C101/SB\$2	=D101/SB\$2	=E101/SB\$2	=F101/SB\$2	=G101/SB\$2	=H101/SB\$2	
105	length of armhole curve-crochet	=B102/SB\$2	=C102/SB\$2	=D102/SB\$2	=E102/SB\$2	=F102/SB\$2	=G102/SB\$2	=H102/SB\$2	
106									
107	number of sts after armhole shaping	=B83-2*(B93*B94+B95*B96)	=C83-2*(C93*C94+C95*C96)	=D83-2*(D93*D94+D95*D96)	=E83-2*(E93*E94+E95*E96)	=F83-2*(F93*F94)	=G83-2*(G93*G94+G95*G96)	=H83-2*(H93*H94)	
108	Work even until armhole measures this high	=B28	=C28	=D28	=E28	=F28	=G28	=H28	
109									
110	Back Neck Shaping								
111	beginning with this many cross-back sts	=B107	=C107	=D107	=E107	=F107	=G107	=H107	
112	raw back neck sts	=B18	=C18	=D18	=E18	=F18	=G18	=H18	
113	(cross back sts - raw back neck sts)/2	=(B111-B112)/2	=(C111-C112)/2	=(D111-D112)/2	=(E111-E112)/2	=(F111-F112)/2	=(G111-G112)/2	=(H111-H112)/2	
114	rounded to whole numbr to get number of shoulder sts each side	=ROUND(B113,0)	=ROUND(C113,0)	=ROUND(D113,0)	=ROUND(E113,0)	=ROUND(F113,0)	=ROUND(G113,0)	=ROUND(H113,0)	
115	cross back sts - (shoulder sts each side * 2) = actual back nck sts	=B111-(B114*2)	=C111-(C114*2)	=D111-(D114*2)	=E111-(E114*2)	=F111-(F114*2)	=G111-(G114*2)	=H111-(H114*2)	
116									
117	length of back neck shaping	=B30	=C30	=D30	=E30	=F30	=G30	=H30	
118	rows for back neck shaping	=B117*SB\$2	=C117*SB\$2	=D117*SB\$2	=E117*SB\$2	=F117*SB\$2	=G117*SB\$2	=H117*SB\$2	
119	round to even for knitting	=EVEN(B118)	=EVEN(C118)	=EVEN(D118)	=EVEN(E118)	=EVEN(F118)	=EVEN(G118)	=EVEN(H118)	
120	initial BO is about 2/3 of total back neck sts	=0.67*B115	=0.67*C115	=0.67*D115	=0.67*E115	=0.67*F115	=0.67*G115	=0.67*H115	
121	round to even/odd to match back neck sts	26	26	26	26	26	26	27	
122	this many total sts rem for back neck after that initial BO	=B115-B121	=C115-C121	=D115-D121	=E115-E121	=F115-F121	=G115-G121	=H115-H121	
123	sts each side to get rid of	=B122/2	=C122/2	=D122/2	=E122/2	=F122/2	=G122/2	=H122/2	
124									
125									
126	BO this many center sts once	=B121	=C121	=D121	=E121	=F121	=G121	=H121	
127	BO this many sts each side	5	5	5	5	6	6	5	
128	this many times	1	1	1	1	1	1	1	
129	BO this many sts each side	0	0	0	0	0	0	0	
130	this many times	0	0	0	0	0	0	0	
131	Dec 1 st every this many rows	1	1	1	1	1	1	1	
132	this many times	1	1	1	1	1	1	1	
133									
134	check sts used	=B115-B126-2*(B127*B128)+B129	=C115-C126-2*(C127*C128)+C129	=D115-D126-2*(D127*D128)+D129	=E115-E126-2*(E127*E128)+E129	=F115-F126-2*(F127*F128)+F129	=G115-G126-2*(G127*G128)+G129	=H115-H126-2*(H127*H128)+H129	
135		=1+B128+B130+B131*B132	=1+C128+C130+C131*C132	=1+D128+D130+D131*D132	=1+E128+E130+E131*E132	=1+F128+F130+F131*F132	=1+G128+G130+G131*G132	=1+H128+H130+H131*H132	
136									
137	rows used for back neck -knitting	=2+2*(B128+B130)+B131*B132+2+2*(C128+C130)+C131*C132	=2+2*(D128+D130)+D131*D132	=2+2*(E128+E130)+E131*E132	=2+2*(F128+F130)+F131*F132	=2+2*(G128+G130)+G131*G132	=2+2*(H128+H130)+H131*H132		
138	length used in back neck shaping-knitting	=B137/SB\$2	=C137/SB\$2	=D137/SB\$2	=E137/SB\$2	=F137/SB\$2	=G137/SB\$2	=H137/SB\$2	

	A	B	C	D	E	F	G	H	I
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	=H202/H194	
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)	=FLOOR(H204,2)	
206	add 2 to that number	=B205+2	=C205+2	=D205+2	=E205+2	=F205+2	=G205+2	=H205+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	=H194*H205	
208	rows available for shaping - rows used if done at faster rate	=B202-B207	=C202-C207	=D202-D207	=E202-E207	=F202-F207	=G202-G207	=H202-H207	
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	=H208/2	
210	total decs - decs at slower rate = decs at faster	=B194-B209	=C194-C209	=D194-D209	=E194-E209	=F194-F209	=G194-G209	=H194-H209	
211									
212	dec every this many rows	=B205	=C205	=D205	=E205	=F205	=G205	=H205	
213	this many times	=B210	=C210	=D210	=E210	=F210	=G210	=H210	
214	dec every this many rows	=B206	=C206	=D206	=E206	=F206	=G206	=H206	
215	this many times	=B209	=C209	=D209	=E209	=F209	=G209	=H209	
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*F213	=G202-G212*G213-G214*G215	=H202-H212*H213	
218	check sts decreased	=B194-B213-B215	=C194-C213-C215	=D194-D213-D215	=E194-E213-E215	=F194-F213-F215	=G194-G213-G215	=H194-H213-H215	
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*(F213+F215)	=G190+2*(G213+G215)	=H190+2*(H213+H215)	
221									
222	Work even until piece measures	=B27	=C27	=D27	=E27	=F27	=G27	=H27	
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)	=MROUND(G42*2,0.25)	=MROUND(H42)	=CONCATENATE(B226,"(",C226," ",D226," ")",E226," ",F226," ",G226," ",H226,"")
227	convert to cm	=MROUND(CONVERT(B226,"in"))	=MROUND(CONVERT(C226,"in"))	=MROUND(CONVERT(D226,"in"))	=MROUND(CONVERT(E226,"in"))	=MROUND(CONVERT(F226,"in"))	=MROUND(CONVERT(G226,"in"))	=MROUND(CONVERT(H226,"in"))	
228									
229	Finished Hip, rounded	=MROUND(B45*2,0.25)							
230	convert to cm	=MROUND(CONVERT(B229,"in"))	=MROUND(CONVERT(C229,"in"))	=MROUND(CONVERT(D229,"in"))	=MROUND(CONVERT(E229,"in"))	=MROUND(CONVERT(F229,"in"))	=MROUND(CONVERT(G229,"in"))	=MROUND(CONVERT(H229,"in"))	
231									
232	Sleeve Cuff Sts	=B190	=C190	=D190	=E190	=F190	=G190	=H190	
233	Finished cuff, rounded	=MROUND(B232/SB\$1,0.25)	=MROUND(C232/SB\$1,0.25)	=MROUND(D232/SB\$1,0.25)	=MROUND(E232/SB\$1,0.25)	=MROUND(F232)	=MROUND(G232/SB\$1,0.25)	=MROUND(H232)	
234	convert to cm	=MROUND(CONVERT(B233,"in"))	=MROUND(CONVERT(C233,"in"))	=MROUND(CONVERT(D233,"in"))	=MROUND(CONVERT(E233,"in"))	=MROUND(CONVERT(F233,"in"))	=MROUND(CONVERT(G233,"in"))	=MROUND(CONVERT(H233,"in"))	=CONCATENATE(B234,"(",C234," ",D234," ")",E234," ",F234," ",G234," ",H234,"")