

	A	B	C	D	E	F	G	H	I
1		5 sts per 1"		20 sts per	4 inches				
2		7 rows per 1"		28 rows per	4 inches				
3									
4		4 stitch multiple							
5		2 balancing ("plus") number							
6									
7		XS	S	M	L	XL	XXL		
8	Half Lower hip finished measurement	18.5	20	21.5	22.75	24	25.75		
9	raw beginning sts	92.5	100	107.5	113.75	121	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	17	17.5		
15	raw cross-back sts	65	70	73.75	80	84	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	16	16.5		
24	raw top of sleeve sts	58.75	63.75	67.5	72.5	78	82.5		
25									
26	length from lower hem to armhole	16.25	16.5	16.75	17.25	18	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	0.8	0.75		
33									
34	check stitch multiple								
35	raw number to start	92.5	100	107.5	113.75	121	128.75		
36	raw number - "plus" number	90.5	98	105.5	111.75	119	126.75		
37									
38	that number divided by st multiple	22.625	24.5	26.375	27.9375	30	31.6875		
39	rounded down to whole number	22	24	26	27	29	31		

	A	B	C	D	E	F	G	H	I
40	(st multiple x that whole number) + "plus" number	90	98	106	110	118	126		
41									
42	finished measurement using revised st count	18	19.6	21.2	22	24	25.2		
43	difference from original target	0.5	0.4	0.3	0.75	0.6	0.55		
44									
45									
46	<b>Body Slope Shaping</b>								
47									
48	Starting number of sts	90	98	106	110	118	126		90 (98, 106) [110, 118, 126, ]
49	sts at underarm would be	76.25	83.75	90	97.5	105	112.5		
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	14	14	16	12	12	14		
52	divide by 2 for sts to get rid of on one side	7	7	8	6	6	7		
53									
54	Length from lower hem to underarm	16.25	16.5	16.75	17.25	18	17.75		
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	12.75	13	13.25	13.75	14	14.25		
58	Rows available for shaping	89.25	91	92.75	96.25	98	99.75		
59									
60	number of rows available for shaping, rounded to whole EVEN number	90	92	92	96	98	100		
61									
62	rows available for hsaping divided by sts to get rid of on one side	12.85714286	13.14285714	11.5	16	16	14.28571429		
63	round it down to whole EVEN number	12	12	10	16	16	14		
64	add 2 to that number	14	14	12	18	18	16		
65	assume all decs at faster rate, would use up this many rows	84	84	80	96	96	98		
66	rows available for shaping - rows used if done at faster rate	6	8	12	0	2	2		





	A	B	C	D	E	F	G	H	I
132	this many times	1	1	1	1	1	1		
133									
134	check sts used	0	0	0	0	0	0		
135		3	3	3	3	3	3		
136									
137	rows used for back neck -knitting	5	5	5	5	5	5		
138	length used in back neck shaping- knitting	0.71	0.71	0.71	0.71	0.71	0.71		
139									
140	rows used for back neck -crochet	3	3	3	3	3	3		
141	length used in back neck shaping- crochet	0.43	0.43	0.43	0.43	0.43	0.43		
142	shoulder sts remain after back neck shaping	14	14	16	19	20	22		
143									
144	<b>Front Neck Shaping</b>								
145	actual back neck sts	38	42	42	42	44	44		
146	length of front neck shaping	4	4	4	4	4	4		
147	rows for front neck shaping	28	28	28	28	28	28		
148	round to even for knitting	28	28	28	28	28	28		
149	initial BO is about 1/3 of total front neck sts	12.54	13.86	13.86	13.86	15	14.52		
150	round to even/odd to match neck sts	12	14	14	14	14	14		
151	this many total sts rem for front neck after that initial BO	26	28	28	28	30	30		
152	sts each side to get rid of	13	14	14	14	15	15		
153									
154									
155	BO this many center sts once	12	14	14	14	14	14		
156	BO this many sts each side	5	6	6	6	6	6		
157	this many times	2	2	2	2	2	2		
158	BO this many sts each side	0	0	0	0	0	0		
159	this many times	0	0	0	0	0	0		
160	Dec 1 st every this many rows	2	2	2	2	2	2		
161	this many times	3	2	2	2	3	3		
162									
163	check sts used for front neck	38	42	42	42	44	44		
164	compare to back neck	0	0	0	0	0	0		
165									
166	rows used for front neck -knitting	12	10	10	10	12	12		

	A	B	C	D	E	F	G	H	I
167	length used in front neck shaping- knitting	1.71	1.43	1.43	1.43	1.71	1.71		
168									
169	rows used for front neck -crochet	9	7	7	7	9	9		
170	length used in front neck shaping- crochet	1.29	1.00	1.00	1.00	1.29	1.29		
171									
172	<b>Shoulder Slope</b>								
173	depth of shoulder slope	0.75	0.75	0.75	0.75	0.8	0.75		
174	rows in shoulder slope	5.25	5.25	5.25	5.25	5.3	5.25		
175	divide by 2 for knitting or 1 for crochet to get number of steps available for shoulder shaping, round to nearest whole number	3	3	3	3	3	3		
176	shoulder sts / steps available	4.666666667	4.666666667	5.333333333	6.333333333	6.7	7.333333333		
177	round down to whole number	4	4	5	6	6	7		
178									
179	BO this many sts	4	4	5	6	6	7		
180	this many times	2	2	2	2	2	2		
181	BO this many sts	6	6	6	7	8	8		
182	this many times	1	1	1	1	1	1		
183									
184	check sts used	0	0	0	0	0	0		
185	check steps used	0	0	0	0	0	0		
186									
187									
188	<b>Sleeve Shaping</b>								
189									
190	Starting number of sts	40	44	45	49	50	53		
191	raw top of sleeve sts	58.75	63.75	67.5	72.5	78	82.5		
192	adjust that number to EVEN/ODD to match starting sts	58	64	67	73	78	83		
193	total sts to add from cuff to sleeve cap	18	20	22	24	28	30		
194	divide by 2 for sts to get rid of on one side	9	10	11	12	14	15		
195									
196	Length from cuff to sleeve cap	18	18.5	19	19.5	20	20.5		

	A	B	C	D	E	F	G	H	I
197	number of inches to work straight at bottom	1	1	1	1	1	1		
198	number of inches to work straight at top	1	1	1	1	1	1		
199	length available for shaping	16	16.5	17	17.5	18	18.5		
200	Rows available for shaping	112	115.5	119	122.5	126	129.5		
201									
202	number of rows available for shaping, rounded to whole EVEN number	112	116	120	122	126	130		
203									
204	rows available for hshaping divided by sts to get rid of on one side	12.44444444	11.6	10.90909091	10.16666667	9	8.66666667		
205	round it down to whole EVEN number	12	10	10	10	8	8		
206	add 2 to that number	14	12	12	12	10	10		
207	assume all decs at faster rate, would use up this many rows	108	100	110	120	112	120		
208	rows available for shaping - rows used if done at faster rate	4	16	10	2	14	10		
209	divide it by 2 (if want shaping on RS only)-decs done at slower rate	2	8	5	1	7	5		
210	total decs - decs at slower rate = decs at faster	7	2	6	11	7	10		
211									
212	dec every this many rows	12	10	10	10	8	8		
213	this many times	7	2	6	11	7	10		
214	dec every this many rows	14	12	12	12	10	10		
215	this many times	2	8	5	1	7	5		
216									
217	check rows used	0	0	0	0	0	0		
218	check sts decreased	0	0	0	0	0	0		
219									
220	sts rem after shaping is complete	58	64	67	73	78	83		
221									
222	Work even until piece measures	18	18.5	19	19.5	20	20.5		
223									
224									
225	SCHEMATIC								
226	Finished Bust, rounded to .25	36	39.25	42.5	44	47	50.5	36 (39.25, 42.5) [44, 47.25, 50.5, ]	
227	convert to cm	91.5	99.5	108	112	120	128.5		

	A	B	C	D	E	F	G	H	I
228									
229	Finished Hip, rounded	0							
230	convert to cm	0	0	0	0	0	0		
231									
232	Sleeve Cuff Sts	40	44	45	49	50	53		
233	finished cuff, rounded	8	8.75	9	9.75	10	10.5		
234	convert to cm	20.5	22	23	25	26	26.5		20.5 (22, 23) [25, 25.5, 26.5, ]