

	A	B	C	D	E	F	G	H
38	that number divided by st multiple	22.625	24.5	25.75	28.25	30.75	33.875	35.75
39	rounded down to whole number	22	24	25	28	30	33	35
40	(st multiple x that whole number) + "plus" number	90	98	102	114	122	134	142
41								
42	finished measurement using revised st count	18	19.6	20.4	22.8	24.4	26.8	28.4
43	difference from original target	0.5	0.4	0.6	0.2	0.6	0.7	0.6
44								
45								
46	Body Slope Shaping							
47								
48	Starting number of sts	90	98	102	114	122	134	142
49	sts at underarm would be	76.25	86.25	96.25	106.25	116.3	126.25	136.25
50	adjust that number to EVEN/ODD to match starting sts	76	86	96	106	116	126	136
51	total sts to get rid of from lower hem to bust	14	12	6	8	6	8	6
52	divide by 2 for sts to get rid of on one side	7	6	3	4	3	4	3
53								
54	Length from lower hem to underarm	16.25	17.25	18.25	19.25	20	21.25	22.25
55	number of inches to work straight at bottom	2	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	1.5
57	length available for shaping	12.75	13.75	14.75	15.75	16.5	17.75	18.75
58	Rows available for shaping	89.25	96.25	103.25	110.25	115.5	124.25	131.25
59								
60	number of rows available for shaping, rounded to whole EVEN number	90	96	104	110	116	124	132
61								
62	rows available for hsaping divided by sts to get rid of on one side	12.85714286	16	34.66666667	27.5	38.67	31	44

	A	B	C	D	E	F	G	H
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	5	5	5	5	5	5	10
91	remaining sts to get rid of each side	0	2	5	8	11	15	14
92								
93	BO this many sts each side	4	5	7	8	8	8	10
94	this many times	1	1	1	1	1	1	1
95	BO this many sts each side					3	7	8
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	6
99								
100	check sts used	0	0	0	0	0	0	0
101	it took this many rows (assuming BO takes 2 rows)	4	6	8	12	14	14	16
102	it took this many rows (assuming BO takes 1 rows)	3	5	7	11	12	12	14
103								
104	length of armhole curve-knitting	0.57	0.86	1.14	1.71	2.00	2.00	2.29
105	length of armhole curve-crochet	0.43	0.71	1.00	1.57	1.71	1.71	2.00
106								
107	number of sts after armhole shaping	66	72	76	80	84	86	88
108	Work even until armhole measures this high	7	7.25	7.5	7.75	8.5	8.75	9
109								
110	Back Neck Shaping							
111	beginning with this many cross-back sts	66	72	76	80	84	86	88
112	raw back neck sts	38.75	38.75	38.75	38.75	40	40	40
113	(cross back sts - raw back neck sts)/2	13.625	16.625	18.625	20.625	22	23	24
114	rounded to whole numbr to get number of shoulder sts each side	14	17	19	21	22	23	24

	A	B	C	D	E	F	G	H
115	cross back sts - (shoulder sts each side * 2) = actual back nck sts	38	38	38	38	40	40	40
116								
117	length of back neck shaping	1	1	1	1	1	1	1
118	rows for back neck shaping	7	7	7	7	7	7	7
119	round to even for knitting	8	8	8	8	8	8	8
120	initial BO is about 2/3 of total back neck sts	25.46	25.46	25.46	25.46	26.8	26.8	26.8
121	round to even/odd to match back neck sts	26	26	26	26	26	26	26
122	this many total sts rem for back neck after that initial BO	12	12	12	12	14	14	14
123	sts each side to get rid of	6	6	6	6	7	7	7
124								
125								
126	BO this many center sts once	26	26	26	26	26	26	26
127	BO this many sts each side	5	5	5	5	6	6	6
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	0	0	0	0	0	0	0
135		3	3	3	3	3	3	3
136								
137	rows used for back neck -knitting	5	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	0.71
139								
140	rows used for back neck -crochet	3	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	0.43
142	shoulder sts remain after back neck shaping	14	17	19	21	22	23	24
143								
144	Front Neck Shaping							

	A	B	C	D	E	F	G	H
145	actual back neck sts	38	38	38	38	40	40	40
146	length of front neck shaping	4	4	4	4	4	4	4
147	rows for front neck shaping	28	28	28	28	28	28	28
148	round to even for knitting	28	28	28	28	28	28	28
149	initial BO is about 1/3 of total front neck sts	12.54	12.54	12.54	12.54	13.2	13.2	13.2
150	round to even/odd to match neck sts	14	14	14	14	14	14	14
151	this many total sts rem for front neck after that initial BO	24	24	24	24	26	26	26
152	sts each side to get rid of	12	12	12	12	13	13	13
153								
154								
155	BO this many center sts once	14	14	14	14	14	14	14
156	BO this many sts each side	5	5	5	5	6	6	6
157	this many times	1	1	1	1	1	1	1
158	BO this many sts each side	4	4	4	4	4	4	4
159	this many times	1	1	1	1	1	1	1
160	Dec 1 st every this many rows	2	2	2	2	2	2	2
161	this many times	3	3	3	3	3	3	3
162								
163	check sts used for front neck	38	38	38	38	40	40	40
164	compare to back neck	0	0	0	0	0	0	0
165								
166	rows used for front neck -knitting	12	12	12	12	12	12	12
167	length used in front neck shaping-knitting	1.71	1.71	1.71	1.71	1.71	1.71	1.71
168								
169	rows used for front neck -crochet	9	9	9	9	9	9	9
170	length used in front neck shaping-crochet	1.29	1.29	1.29	1.29	1.29	1.29	1.29
171								
172	Shoulder Slope							
173	depth of shoulder slope	0.75	1	1	1.25	1.25	1.25	1.25
174	rows in shoulder slope	5.25	7	7	8.75	8.75	8.75	8.75

	A	B	C	D	E	F	G	H
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	4	4	4	4	4	4
176	shoulder sts / steps available	4.66666667	4.25	4.75	5.25	5.5	5.75	6
177	round down to whole number	4	4	4	5	5	5	6
178								
179	BO this many sts	4	4	4	5	5	5	6
180	this many times	2	3	3	3	3	3	3
181	BO this many sts	6	5	7	6	7	8	6
182	this many times	1	1	1	1	1	1	1
183								
184	check sts used	0	0	0	0	0	0	0
185	check steps used	0	0	0	0	0	0	0
186								
187								
188	Sleeve Shaping							
189								
190	Starting number of sts	40	41	43	43	45	48	50
191	raw top of sleeve sts	58.75	61.25	65	70	77.5	85	92.5
192	adjust that number to EVEN/ODD to match starting sts	58	64	67	73	78	83	84
193	total sts to add from cuff to sleeve cap	18	23	24	30	33	35	34
194	divide by 2 for sts to get rid of on one side	9	11.5	12	15	16.5	17.5	17
195								
196	Length from cuff to sleeve cap	18	19.5	20	20.5	20.75	21	21
197	number of inches to work straight at bottom	1	1	1	1	1	1	1
198	number of inches to work straight at top	1	1	1	1	1	1	1
199	length available for shaping	16	17.5	18	18.5	18.75	19	19
200	Rows available for shaping	112	122.5	126	129.5	131.3	133	133
201								
202	number of rows available for shaping, rounded to whole EVEN number	112	122	126	130	132	134	134

	A	B	C	D	E	F	G	H
203								
204	rows available for hsaping divided by sts to get rid of on one side	12.44444444	10.60869565	10.5	8.666666667	8	7.657142857	7.8824
205	round it down to whole EVEN number	12	10	10	8	8	6	6
206	add 2 to that number	14	12	12	10	10	8	8
207	assume all decs at faster rate, would use up this many rows	108	115	120	120	132	105	102
208	rows available for shaping - rows used if done at faster rate	4	7	6	10	0	29	32
209	divide it by 2 (if want shaping on RS only)-decs done at slower rate	2	3.5	3	5	0	14.5	16
210	total decs - decs at slower rate = decs at faster	7	8	9	10	16.5	3	1
211								
212	dec every this many rows	12	10	10	8	8	6	6
213	this many times	7	8	9	10	16.5	3	1
214	dec every this many rows	14	12	12	10	10	8	8
215	this many times	2	3.5	3	5	0	14.5	16
216								
217	check rows used	0	0	0	0	0	0	0
218	check sts decreased	0	0	0	0	0	0	0
219								
220	sts rem after shaping is complete	58	64	67	73	78	83	84
221								
222	Work even until piece measures	18	19.5	20	20.5	20.75	21	21
223								
224								
225	Sleeve Cap Shaping							
226	Bottom of Cap Shaping							
227								
228	sts at beg of sleeve cap shaping	58	64	67	73	78	83	84
229								
230	initial BO at body underarm	4	5	7	8	8	8	10

	A	B	C	D	E	F	G	H
231								
232	Second Bo at body underarm	0	0	0	0	3	7	8
233	total bottom of cap BOs	4	5	7	8	11	15	18
234								
235	Top of Cap Shaping							
236	Final BO at top of cap is 2-5" depending on style	2.5	2.75	2.5	2.75	2.75	3	3
237	which is this many sts	12.5	13.75	12.5	13.75	13.75	15	15
238	round to EVEN/ODD to match starting sts	12	14	13	15	14	15	16
239	divide by 2 to get half the number of sts for the final BO	6	7	6.5	7.5	7	7.5	8
240								
241	Final curve is about 1" each side, so this many sts each side	5	5	5	5	5	5	5
242	Want to use about 1/2" worth of rows for that top curve, so this may rows in crochet	4	4	4	4	4	4	4
243	or that many rows rounded to even for knitting	4	4	4	4	4	4	4
244	BO this many sts each side once-knit	2	2	2	2	2	2	2
245	BO this many sts each side once-knit	3	3	3	3	3	3	3
246								
247	Bo this many sts each side-crochet	1	1	1	1	1	1	1
248	this many times	3	3	3	3	3	3	3
249	Bo this many sts each side	2	2	2	2	2	2	2
250	this many times	1	1	1	1	1	1	1
251	check sts used	0	0	0	0	0	0	0
252	check rows used-crochet	0	0	0	0	0	0	0
253	check rows used-knitting	0	0	0	0	0	0	0
254								
255	Central Cap Shaping							
256	Armhole height is this	7	7.25	7.5	7.75	8.5	8.75	9
257	cap height is about 75% of armhole height	5.25	5.4375	5.625	5.8125	6.375	6.5625	6.75
258	which is this many rows in sleeve cap-crochet	37	38	39	41	45	46	47

	A	B	C	D	E	F	G	H
259	round that to even this many rows in sleeve cap-knitting	36	38	40	40	44	46	48
260								
261	Rows used for initial BO and second BO-crochet	1	1	1	1	2	2	2
262	Rows used for initial BO and second BO-knitting	2	2	2	2	4	4	4
263								
264	Rows used in top curve and final BO-crochet	5	5	5	5	5	5	5
265	Rows used in top curve and final BO-knitting	5	5	5	5	5	5	5
266								
267	Total rows in sleeve cap - rows for initial BO - rows for top BO = rows available for central shaping - crochet	31	32	33	35	38	39	40
268	Total rows in sleeve cap - rows for initial BO - rows for top BO = rows available for central shaping - knitting	29	31	33	33	35	37	39
269								
270	Sts at beg of sleeve cap - final BO - 2*(initial BOs + top curve BO) = total sts to get rid of in central shaping	28	30	30	32	32	28	22
271								
272	sts to get rid of divided by 2 = sts to get rid of on one side	14	15	15	16	16	14	11
273								
274	KNITTING							
275	rows available for shaping divided by sts to get rid of on one side	2.071428571	2.066666667	2.2	2.0625	2.188	2.642857143	3.5455
276	round it down to whole EVEN number	2	2	2	2	2	2	2
277	add 2 to that number	4	4	4	4	4	4	4
278	assume all decs at faster rate, would use up this many rows	28	30	30	32	32	28	22
279	rows available for shaping - rows used if done at faster rate	1	1	3	1	3	9	17

	A	B	C	D	E	F	G	H
280	divide it by 2 (if want shaping on RS only)-decs done at slower rate	0.5	0.5	1.5	0.5	1.5	4.5	8.5
281	total decs - decs at slower rate = decs at faster	13.5	14.5	13.5	15.5	14.5	9.5	2.5
282								
283	dec every this many rows	2	2	2	2	2	2	2
284	this many times	13.5	14.5	13.5	15.5	14.5	9.5	2.5
285	dec every this many rows	4	4	4	4	4	4	4
286	this many times	0.5	0.5	1.5	0.5	1.5	4.5	8.5
287								
288								
289	Bring it all together							
290	starting with this many sts	58	64	67	73	78	83	84
291	BO this many sts each side	4	5	7	8	8	8	10
292	this many times	1	1	1	1	1	1	1
293	BO this many sts each side	0	0	0	0	3	7	8
294	this many times	0	0	0	0	1	1	1
295								
296	Dec 1 st each side every this many rows	2	2	2	2	2	2	2
297	this many times	13.5	14.5	13.5	15.5	14.5	9.5	2.5
298	Dec 1 st each side every this many rows	4	4	4	4	4	4	4
299	this many times	0.5	0.5	1.5	0.5	1.5	4.5	8.5
300								
301	BO this many sts each side	2	2	2	2	2	2	2
302	this many times	1	1	1	1	1	1	1
303	BO this many sts each side	3	3	3	3	3	3	3
304	this many times	1	1	1	1	1	1	1
305								
306	BO final this many sts	12	14	13	15	14	15	16
307								
308	check sts used	0	0	0	0	0	0	0
309								
310	check rows used -knitting	0	0	0	0	0	0	0
311								
312	CROCHET							
313	rows available for shaping divided by sts to get rid of on one side	2.214285714	2.133333333	2.2	2.1875	2.375	2.785714286	3.6364

	A	B	C	D	E	F	G	H
314	round it down to whole number	2	2	2	2	2	2	3
315	add 1 to that number	3	3	3	3	3	3	4
316	assume all decs at faster rate, would use up this many rows	28	30	30	32	32	28	33
317	rows available for shaping - rows used if done at faster rate = times to dec at slower rate	3	2	3	3	6	11	7
318								
319	total decs - decs at slower rate = decs at faster rate	11	13	12	13	10	3	4
320								
321	dec every this many rows	2	2	2	2	2	2	3
322	this many times	11	13	12	13	10	3	4
323	dec every this many rows	3	3	3	3	3	3	4
324	this many times	3	2	3	3	6	11	7
325								
326	Bring it all together							
327	starting with this many sts	58	64	67	73	78	83	84
328	BO this many sts each side	4	5	7	8	8	8	10
329	this many times	1	1	1	1	1	1	1
330	BO this many sts each side	0	0	0	0	3	7	8
331	this many times	0	0	0	0	1	1	1
332								
333	Dec 1 st each side every this many rows	2	2	2	2	2	2	3
334	this many times	11	13	12	13	10	3	4
335	Dec 1 st each side every this many rows	3	3	3	3	3	3	4
336	this many times	3	2	3	3	6	11	7
337								
338	BO this many sts each side	1	1	1	1	1	1	1
339	this many times	3	3	3	3	3	3	3
340	BO this many sts each side	2	2	2	2	2	2	2
341	this many times	1	1	1	1	1	1	1
342								
343	BO final this many sts	12	14	13	15	14	15	16
344								
345	check sts used	0	0	0	0	0	0	0
346								
347	check rows used -crochet	0	0	0	0	0	0	0