

| | A | B | C | D | E | F | G | H |
|----|--|--------------------|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 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 | | =WomenI2 | =WomenI2 | =WomenI2 | =WomenI2 | =WomenI2 | =WomenI2 | XXL |
| 8 | Half Lower hip finished measurement | =WomenI13/2 | =WomenI13/2 | =WomenI13/2 | =WomenI13/2 | =WomenI13/2 | =WomenI13/2 | =WomenI13/2 |
| 9 | raw beginning sts | =B8*\$B\$1 | =C8*\$B\$1 | =D8*\$B\$1 | =E8*\$B\$1 | =F8*\$B\$1 | =G8*\$B\$1 | =H8*\$B\$1 |
| 10 | | | | | | | | |
| 11 | Half bust finished measurement | =WomenI5/2 | =WomenI5/2 | =WomenI5/2 | =WomenI5/2 | =WomenI5/2 | =WomenI5/2 | =WomenI5/2 |
| 12 | raw bust sts | =B11*\$B\$1 | =C11*\$B\$1 | =D11*\$B\$1 | =E11*\$B\$1 | =F11*\$B\$1 | =G11*\$B\$1 | =H11*\$B\$1 |
| 13 | | | | | | | | |
| 14 | Cross-back measurement | =WomenI17 | =WomenI17 | =WomenI17 | =WomenI17 | =WomenI17 | =WomenI17 | =WomenI17 |
| 15 | raw cross-back sts | =B14*\$B\$1 | =C14*\$B\$1 | =D14*\$B\$1 | =E14*\$B\$1 | =F14*\$B\$1 | =G14*\$B\$1 | =H14*\$B\$1 |
| 16 | | | | | | | | |
| 17 | Back neck width | 7.75 | 7.75 | 7.75 | 7.75 | 8 | 8 | 8 |
| 18 | raw back neck sts | =B17*\$B\$1 | =C17*\$B\$1 | =D17*\$B\$1 | =E17*\$B\$1 | =F17*\$B\$1 | =G17*\$B\$1 | =H17*\$B\$1 |
| 19 | | | | | | | | |
| 20 | Sleeve cuff width | =WomenI45 | =WomenI45 | =WomenI45 | =WomenI45 | =WomenI45 | =WomenI45 | =WomenI45 |
| 21 | raw cuff sts | =B20*\$B\$1 | =C20*\$B\$1 | =D20*\$B\$1 | =E20*\$B\$1 | =F20*\$B\$1 | =G20*\$B\$1 | =H20*\$B\$1 |
| 22 | | | | | | | | |
| 23 | top of sleeve width | =WomenI41 | =WomenI41 | =WomenI41 | =WomenI41 | =WomenI41 | =WomenI41 | =WomenI41 |
| 24 | raw top of sleeve sts | =B23*\$B\$1 | =C23*\$B\$1 | =D23*\$B\$1 | =E23*\$B\$1 | =F23*\$B\$1 | =G23*\$B\$1 | =H23*\$B\$1 |
| 25 | | | | | | | | |
| 26 | length from lower hem to armhole | 16.25 | 17.25 | 18.25 | 19.25 | 20 | 21.25 | 22.25 |
| 27 | sleeve length | =WomenI33 | =WomenI33 | =WomenI33 | =WomenI33 | =WomenI33 | =WomenI33 | =WomenI33 |
| 28 | armhole height | =WomenI37 | =WomenI37 | =WomenI37 | =WomenI37 | =WomenI37 | =WomenI37 | =WomenI37 |
| 29 | sleeve cap length | | | | | | | |
| 30 | back neck shaping depth | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 31 | front neck shaping depth | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 32 | shoulder slope | =WomenI21 | =WomenI21 | =WomenI21 | =WomenI21 | =WomenI21 | =WomenI21 | =WomenI21 |
| 33 | | | | | | | | |
| 34 | check stitch multiple | | | | | | | |
| 35 | raw number to start | =B9 | =C9 | =D9 | =E9 | =F9 | =G9 | =H9 |
| 36 | raw number - "plus" number | =B35-\$B\$5 | =C35-\$B\$5 | =D35-\$B\$5 | =E35-\$B\$5 | =F35-\$B\$5 | =G35-\$B\$5 | =H35-\$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 | =H36/\$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) | =FLOOR(H38,1) |
| 40 | (st multiple x that whole number) + "plus" number | =(B\$4*B39)+\$B\$5 | =(C\$4*D39)+\$B\$5 | =(D\$4*E39)+\$B\$5 | =(E\$4*F39)+\$B\$5 | =(F\$4*G39)+\$B\$5 | =(G\$4*H39)+\$B\$5 | =(H\$4*I39)+\$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 | =H40/\$B\$1 |
| 43 | difference from original target | =B8-B42 | =C8-C42 | =D8-D42 | =E8-E42 | =F8-F42 | =G8-G42 | =H8-H42 |
| 44 | | | | | | | | |
| 45 | | | | | | | | |
| 46 | Body Slope Shaping | | | | | | | |
| 47 | | | | | | | | |
| 48 | Starting number of sts | =B40 | =C40 | =D40 | =E40 | =F40 | =G40 | =H40 |
| 49 | sts at underarm would be | =B12 | =C12 | =D12 | =E12 | =F12 | =G12 | =H12 |
| 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 | =B48-B50 | =C48-C50 | =D48-D50 | =E48-E50 | =F48-F50 | =G48-G50 | =H48-H50 |
| 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 | =H51/2 |
| 53 | | | | | | | | |
| 54 | Length from lower hem to underarm | =B26 | =C26 | =D26 | =E26 | =F26 | =G26 | =H26 |

| | A | B | C | D | E | F | G | H |
|-----|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 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 | =B54-B55-B56 | =C54-C55-C56 | =D54-D55-D56 | =E54-E55-E56 | =F54-F55-F56 | =G54-G55-G56 | =H54-H55-H56 |
| 58 | Rows available for shaping | =B57*\$B\$2 | =C57*\$B\$2 | =D57*\$B\$2 | =E57*\$B\$2 | =F57*\$B\$2 | =G57*\$B\$2 | =H57*\$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) | =MROUND(H58,2) |
| 61 | | | | | | | | |
| 62 | rows available for shaping divided by sts to get rid of on one side | =B60/B52 | =C60/C52 | =D60/D52 | =E60/E52 | =F60/F52 | =G60/G52 | =H60/H52 |
| 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) | =FLOOR(H62,2) |
| 64 | add 2 to that number | =B63+2 | =C63+2 | =D63+2 | =E63+2 | =F63+2 | =G63+2 | =H63+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 | =H52*H63 |
| 66 | rows available for shaping - rows used if done at faster rate | =B60-B65 | =C60-C65 | =D60-D65 | =E60-E65 | =F60-F65 | =G60-G65 | =H60-H65 |
| 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 | =H66/2 |
| 68 | total decs - decs at slower rate = decs at faster | =B52-B67 | =C52-C67 | =D52-D67 | =E52-E67 | =F52-F67 | =G52-G67 | =H52-H67 |
| 69 | | | | | | | | |
| 70 | dec every this many rows | =B63 | =C63 | =D63 | =E63 | =F63 | =G63 | =H63 |
| 71 | this many times | =B68 | =C68 | =D68 | =E68 | =F68 | =G68 | =H68 |
| 72 | dec every this many rows | =B64 | =C64 | =D64 | =E64 | =F64 | =G64 | =H64 |
| 73 | this many times | =B67 | =C67 | =D67 | =E67 | =F67 | =G67 | =H67 |
| 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-F72*F73 | =G60-G70*G71-G72*G73 | =H60-H70*H71-H72*H73 |
| 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 | 88 |
| 86 | total sts to get rid of at arhmole | =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 many sts, rounded | =B89*\$B\$1 | =C89*\$B\$1 | =D89*\$B\$1 | =E89*\$B\$1 | =F89*\$B\$1 | =G89*\$B\$1 | =H89*\$B\$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 | 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 | =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-F95*F96-F98 | =G87-G93*G94-G95*G96-G98 | =H87-H93*H94-H95*H96-H98 |

| | A | B | C | D | E | F | G | H |
|-----|--|---|----------------------------|----------------------------|----------------------------|------------------------------------|------------------------------------|----------------------------|
| 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)+ | =2*(G94+G96)+G97*G98 | =2*(H94+H96)+ |
| 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 | =G94+G96+G97*G98 | =H94+H96+H97* |
| 103 | | | | | | | | |
| 104 | length of armhole curve-knitting | =B101/\$B\$2 | =C101/\$B\$2 | =D101/\$B\$2 | =E101/\$B\$2 | =F101/\$B\$2 | =G101/\$B\$2 | =H101/\$B\$2 |
| 105 | length of armhole curve-crochet | =B102/\$B\$2 | =C102/\$B\$2 | =D102/\$B\$2 | =E102/\$B\$2 | =F102/\$B\$2 | =G102/\$B\$2 | =H102/\$B\$2 |
| 106 | | | | | | | | |
| 107 | number of sts after armhole shaping | =B83-2*(B93*B94+B95*B96)-2*B98 | =C83-2*(C93*C94+C95*C96) | =D83-2*(D93*D94+D95*D96) | =E83-2*(E93*E94+E95*E96)-2 | =F83-2*(F93*F | =G83-2*(G93*G94+G95*G96)-2* | =H83-2*(H93*H |
| 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, | =ROUND(G113,0) | =ROUND(H113,0) |
| 115 | cross back sts - (shoulder sts each side * 2) = actual back neck 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*\$B\$2 | =C117*\$B\$2 | =D117*\$B\$2 | =E117*\$B\$2 | =F117*\$B\$2 | =G117*\$B\$2 | =H117*\$B\$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 | 26 |
| 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 | 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 | =B115-B126-2*(B127*B128+B129*B130+B132) | =C115-C126-2*(C127*C128+ | =D115-D126-2*(D127*D128+D | =E115-E126-2*(E127*E128+E1 | =F115-F126-2* | =G115-G126-2*(G127*G128+G12 | =H115-H126-2*(|
| 135 | | =1+B128+B130+B131*B132 | =1+C128+C130+C131*C132 | =1+D128+D130+D131*D132 | =1+E128+E130+E131*E132 | =1+F128+F130 | =1+G128+G130+G131*G132 | =1+H128+H130+ |
| 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/\$B\$2 | =C137/\$B\$2 | =D137/\$B\$2 | =E137/\$B\$2 | =F137/\$B\$2 | =G137/\$B\$2 | =H137/\$B\$2 |
| 139 | | | | | | | | |
| 140 | rows used for back neck -crochet | =1+B128+B130+B131*B132 | =1+C128+C130+C131*C132 | =1+D128+D130+D131*D132 | =1+E128+E130+E131*E132 | =1+F128+F130+1+G128+G130+G131*G132 | =1+H128+H130+1+H128+H130+H131*H132 | |
| 141 | length used in back neck shaping-crochet | =B140/\$B\$2 | =C140/\$B\$2 | =D140/\$B\$2 | =E140/\$B\$2 | =F140/\$B\$2 | =G140/\$B\$2 | =H140/\$B\$2 |
| 142 | shoulder sts remain after back neck shaping | =(B111-B126-2*(B127*B128+B129*B130+B132))/2 | =(C111-C126-2*(C127*C128+ | =D111-D126-2*(D127*D128+D | =E111-E126-2*(E127*E128+E1 | =F111-F126-2* | =G111-G126-2*(G127*G128+G12 | =H111-H126-2*(|
| 143 | | | | | | | | |
| 144 | Front Neck Shaping | | | | | | | |
| 145 | actual back neck sts | =B115 | =C115 | =D115 | =E115 | =F115 | =G115 | =H115 |
| 146 | length of front neck shaping | =B31 | =C31 | =D31 | =E31 | =F31 | =G31 | =H31 |
| 147 | rows for front neck shaping | =B146*\$B\$2 | =C146*\$B\$2 | =D146*\$B\$2 | =E146*\$B\$2 | =F146*\$B\$2 | =G146*\$B\$2 | =H146*\$B\$2 |
| 148 | round to even for knitting | =EVEN(B147) | =EVEN(C147) | =EVEN(D147) | =EVEN(E147) | =EVEN(F147) | =EVEN(G147) | =EVEN(H147) |
| 149 | initial BO is about 1/3 of total front neck sts | =0.33*B145 | =0.33*C145 | =0.33*D145 | =0.33*E145 | =0.33*F145 | =0.33*G145 | =0.33*H145 |

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|-----|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 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 | =B244+B245-B241 | =C244+C245-C241 | =D244+D245-D241 | =E244+E245-E241 | =F244+F245-F241 | =G244+G245-G241 | =H244+H245-H241 |
| 252 | check rows used-crochet | =B242-B248-B250 | =C242-C248-C250 | =D242-D248-D250 | =E242-E248-E250 | =F242-F248-F250 | =G242-G248-G250 | =H242-H248-H250 |
| 253 | check rows used-knitting | =B243-2*2 | =C243-2*2 | =D243-2*2 | =E243-2*2 | =F243-2*2 | =G243-2*2 | =H243-2*2 |
| 254 | | | | | | | | |
| 255 | Central Cap Shaping | | | | | | | |
| 256 | Armhole height is this | =B28 | =C28 | =D28 | =E28 | =F28 | =G28 | =H28 |
| 257 | cap height is about 75% of armhole height | =B256*0.75 | =C256*0.75 | =D256*0.75 | =E256*0.75 | =F256*0.75 | =G256*0.75 | =H256*0.75 |
| 258 | which is this many rows in sleeve cap-crochet | =ROUND(\$B\$2*B257,0) | =ROUND(\$B\$2*C257,0) | =ROUND(\$B\$2*D257,0) | =ROUND(\$B\$2*E257,0) | =ROUND(\$B\$2*F257,0) | =ROUND(\$B\$2*G257,0) | =ROUND(\$B\$2*H257,0) |
| 259 | round that to even this many rows in sleeve cap-knitting | =MROUND(\$B\$2*B257,2) | =MROUND(\$B\$2*C257,2) | =MROUND(\$B\$2*D257,2) | =MROUND(\$B\$2*E257,2) | =MROUND(\$B\$2*F257,2) | =MROUND(\$B\$2*G257,2) | =MROUND(\$B\$2*H257,2) |
| 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 | =B258-B261-B264 | =C258-C261-C264 | =D258-D261-D264 | =E258-E261-E264 | =F258-F261-F264 | =G258-G261-G264 | =H258-H261-H264 |
| 268 | Total rows in sleeve cap - rows for initial BO - rows for top BO = rows available for central shaping - knitting | =B259-B262-B265 | =C259-C262-C265 | =D259-D262-D265 | =E259-E262-E265 | =F259-F262-F265 | =G259-G262-G265 | =H259-H262-H265 |
| 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 | =B228-B238-2*(B233+B241) | =C228-C238-2*(C233+C241) | =D228-D238-2*(D233+D241) | =E228-E238-2*(E233+E241) | =F228-F238-2*(F233+F241) | =G228-G238-2*(G233+G241) | =H228-H238-2*(H233+H241) |
| 271 | | | | | | | | |
| 272 | sts to get rid of divided by 2 = sts to get rid of on one side | =B270/2 | =C270/2 | =D270/2 | =E270/2 | =F270/2 | =G270/2 | =H270/2 |
| 273 | | | | | | | | |
| 274 | KNITTING | | | | | | | |
| 275 | rows available for shaping divided by sts to get rid of on one side | =B268/B272 | =C268/C272 | =D268/D272 | =E268/E272 | =F268/F272 | =G268/G272 | =H268/H272 |
| 276 | round it down to whole EVEN number | =FLOOR(B275,2) | =FLOOR(C275,2) | =FLOOR(D275,2) | =FLOOR(E275,2) | =FLOOR(F275,2) | =FLOOR(G275,2) | =FLOOR(H275,2) |
| 277 | add 2 to that number | =B276+2 | =C276+2 | =D276+2 | =E276+2 | =F276+2 | =G276+2 | =H276+2 |
| 278 | assume all decs at faster rate, would use up this many rows | =B276*B272 | =C276*C272 | =D276*D272 | =E276*E272 | =F276*F272 | =G276*G272 | =H276*H272 |
| 279 | rows available for shaping - rows used if done at faster rate | =B268-B278 | =C268-C278 | =D268-D278 | =E268-E278 | =F268-F278 | =G268-G278 | =H268-H278 |
| 280 | divide it by 2 (if want shaping on RS only)-decs done at slower rate | =B279/2 | =C279/2 | =D279/2 | =E279/2 | =F279/2 | =G279/2 | =H279/2 |
| 281 | total decs - decs at slower rate = decs at faster | =B272-B280 | =C272-C280 | =D272-D280 | =E272-E280 | =F272-F280 | =G272-G280 | =H272-H280 |
| 282 | | | | | | | | |
| 283 | dec every this many rows | =B276 | =C276 | =D276 | =E276 | =F276 | =G276 | =H276 |
| 284 | this many times | =B281 | =C281 | =D281 | =E281 | =F281 | =G281 | =H281 |
| 285 | dec every this many rows | =B277 | =C277 | =D277 | =E277 | =F277 | =G277 | =H277 |
| 286 | this many times | =B280 | =C280 | =D280 | =E280 | =F280 | =G280 | =H280 |
| 287 | | | | | | | | |
| 288 | | | | | | | | |
| 289 | Bring it all together | | | | | | | |

| | A | B | C | D | E | F | G | H |
|-----|---|--|---|--|--|--|--|--|
| 290 | starting with this many sts | =B228 | =C228 | =D228 | =E228 | =F228 | =G228 | =H228 |
| 291 | BO this many sts each side | =B230 | =C230 | =D230 | =E230 | =F230 | =G230 | =H230 |
| 292 | this many times | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 293 | BO this many sts each side | =B232 | =C232 | =D232 | =E232 | =F232 | =G232 | =H232 |
| 294 | this many times | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 295 | | | | | | | | |
| 296 | Dec 1 st each side every this many rows | =B283 | =C283 | =D283 | =E283 | =F283 | =G283 | =H283 |
| 297 | this many times | =B284 | =C284 | =D284 | =E284 | =F284 | =G284 | =H284 |
| 298 | Dec 1 st each side every this many rows | =B285 | =C285 | =D285 | =E285 | =F285 | =G285 | =H285 |
| 299 | this many times | =B286 | =C286 | =D286 | =E286 | =F286 | =G286 | =H286 |
| 300 | | | | | | | | |
| 301 | BO this many sts each side | =B244 | =C244 | =D244 | =E244 | =F244 | =G244 | =H244 |
| 302 | this many times | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 303 | BO this many sts each side | =B245 | =C245 | =D245 | =E245 | =F245 | =G245 | =H245 |
| 304 | this many times | =1 | =1 | =1 | =1 | =1 | =1 | =1 |
| 305 | | | | | | | | |
| 306 | BO final this many sts | =B238 | =C238 | =D238 | =E238 | =F238 | =G238 | =H238 |
| 307 | | | | | | | | |
| 308 | check sts used | =B290-2*(B291*B292+B293*B294)-2*(B297+B299)-2*(B301*B302+B303*B304)-B306 | =C290-2*(C291*C292+C293*C294)-2*(C297+C299)-2*(C301*C302+C303*C304)-C306 | =D290-2*(D291*D292+D293*D294)-2*(D297+D299)-2*(D301*D302+D303*D304)-D306 | =E290-2*(E291*E292+E293*E294)-2*(E297+E299)-2*(E301*E302+E303*E304)-E306 | =F290-2*(F291*F292+F293*F294)-2*(F297+F299)-2*(F301*F302+F303*F304)-F306 | =G290-2*(G291*G292+G293*G294)-2*(G297+G299)-2*(G301*G302+G303*G304)-G306 | =H290-2*(H291*H292+H293*H294)-2*(H297+H299)-2*(H301*H302+H303*H304)-H306 |
| 309 | | | | | | | | |
| 310 | check rows used -knitting | =B259-2*(B292+B294)-B296*B297-B298*B299-2*(B302+B304)-1 | =C259-2*(C292+C294)-C296*(C292+D294)-D296*(D292+D294)-E296*(E292+E294)-E296*E297-F292*(F292+G292+G294)-G296*G297-H259-2*(H292+H294)-H296*(H292+H294) | | | | | |
| 311 | | | | | | | | |
| 312 | CROCHET | | | | | | | |
| 313 | rows available for shaping divided by sts to get rid of on one side | =B267/B272 | =C267/C272 | =D267/D272 | =E267/E272 | =F267/F272 | =G267/G272 | =H267/H272 |
| 314 | round it down to whole number | =FLOOR(B313,1) | =FLOOR(C313,1) | =FLOOR(D313,1) | =FLOOR(E313,1) | =FLOOR(F313,1)=FLOOR(G313,1) | =FLOOR(H313,1) | =FLOOR(I313,1) |
| 315 | add 1 to that number | =B314+1 | =C314+1 | =D314+1 | =E314+1 | =F314+1 | =G314+1 | =H314+1 |
| 316 | assume all decs at faster rate, would use up this many rows | =B314*B272 | =C314*C272 | =D314*D272 | =E314*E272 | =F314*F272 | =G314*G272 | =H314*H272 |
| 317 | rows available for shaping - rows used if done at faster rate = times to dec at slower rate | =B267-B316 | =C267-C316 | =D267-D316 | =E267-E316 | =F267-F316 | =G267-G316 | =H267-H316 |
| 318 | | | | | | | | |
| 319 | total decs - decs at slower rate = decs at faster rate | =B272-B317 | =C272-C317 | =D272-D317 | =E272-E317 | =F272-F317 | =G272-G317 | =H272-H317 |
| 320 | | | | | | | | |
| 321 | dec every this many rows | =B314 | =C314 | =D314 | =E314 | =F314 | =G314 | =H314 |
| 322 | this many times | =B319 | =C319 | =D319 | =E319 | =F319 | =G319 | =H319 |
| 323 | dec every this many rows | =B315 | =C315 | =D315 | =E315 | =F315 | =G315 | =H315 |
| 324 | this many times | =B317 | =C317 | =D317 | =E317 | =F317 | =G317 | =H317 |
| 325 | | | | | | | | |
| 326 | Bring it all together | | | | | | | |
| 327 | starting with this many sts | =B228 | =C228 | =D228 | =E228 | =F228 | =G228 | =H228 |
| 328 | BO this many sts each side | =B230 | =C230 | =D230 | =E230 | =F230 | =G230 | =H230 |
| 329 | this many times | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 330 | BO this many sts each side | =B232 | =C232 | =D232 | =E232 | =F232 | =G232 | =H232 |
| 331 | this many times | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 332 | | | | | | | | |
| 333 | Dec 1 st each side every this many rows | =B321 | =C321 | =D321 | =E321 | =F321 | =G321 | =H321 |
| 334 | this many times | =B322 | =C322 | =D322 | =E322 | =F322 | =G322 | =H322 |
| 335 | Dec 1 st each side every this many rows | =B323 | =C323 | =D323 | =E323 | =F323 | =G323 | =H323 |
| 336 | this many times | =B324 | =C324 | =D324 | =E324 | =F324 | =G324 | =H324 |
| 337 | | | | | | | | |
| 338 | BO this many sts each side | =B247 | =C247 | =D247 | =E247 | =F247 | =G247 | =H247 |
| 339 | this many times | =B248 | =C248 | =D248 | =E248 | =F248 | =G248 | =H248 |
| 340 | BO this many sts each side | =B249 | =C249 | =D249 | =E249 | =F249 | =G249 | =H249 |
| 341 | this many times | =B250 | =C250 | =D250 | =E250 | =F250 | =G250 | =H250 |
| 342 | | | | | | | | |
| 343 | BO final this many sts | =B238 | =C238 | =D238 | =E238 | =F238 | =G238 | =H238 |
| 344 | | | | | | | | |
| 345 | check sts used | =B327-2*(B328*B329+B330*B331)-2*(B334+B336)-2*(B338*B339+B340*B341)-B343 | =C327-2*(C328*C329+C330*C331)-2*(C334+C336)-2*(C338*C339+C340*C341)-C343 | =D327-2*(D328*D329+D330*D331)-2*(D334+D336)-2*(D338*D339+D340*D341)-D343 | =E327-2*(E328*E329+E330*E331)-2*(E334+E336)-2*(E338*E339+E340*E341)-E343 | =F327-2*(F328*F329+F330*F331)-2*(F334+F336)-2*(F338*F339+F340*F341)-F343 | =G327-2*(G328*G329+G330*G331)-2*(G334+G336)-2*(G338*G339+G340*G341)-G343 | =H327-2*(H328*H329+H330*H331)-2*(H334+H336)-2*(H338*H339+H340*H341)-H343 |
| 346 | | | | | | | | |
| 347 | check rows used -crochet | =B258-B329-B331-B333*B334-B335*B336-B339-B341-1 | =C258-C329-C331-C333*C334-D258-D329-D331-D333*D334-E258-E329-E331-E333*E334-F258-F329-F331-F333*F334-G258-G329-G331-G333*G334-H258-H329-H331-H333*H334-I258-I329-I331-I333*I334 | | | | | |