

Any Gauge Pattern: MITTENS FOR GROWING GRANDKIDS

choose any needle size and any yarn, then calculate gauge

2 at a time with a flexible loop needle & 4 dp needles

Or adapt pattern to 1 mitten at a time with double pointed needles

This pattern is offered with credit and gratitude to all the knitters who influenced "Mittens for Growing Grandkids"

Needle size:		Yarn size:		Made for:	
Your gauge for these mittens:		[A] _____ st = 1 inch			

1) Fill in the table, round calculations to nearest ¼" **and** to nearest even number

2) Transfer **A, B, C, D, E, F, G, H, J, K & L** values to pattern instructions

Measure wrist circumference loosely, just below palm:	[B] _____ in	Multiply gauge x inches of wrist (A x B), add st to make number divisible by 4 if using k2p2 ribbing	[C] Cast on: _____ st
Measure wrist to end of thumb: plus ¼ inch			[D]
Measure wrist to tip of middle finger minus 1 inch adult or ½ inch for child:			[E]
Calculate distance to increase for thumb: 70% of inches from wrist to end of thumb (D x .70)			[F]
Calculate number of stitches for thumb circumference: 40% of cast on stitches (C x .40), round up to nearest even stitch			[G]
Calculate number of stitches for palm: <u>For adults:</u> Add together cast on + thumb +1" (C + G + A) <u>For small children:</u> Add together cast on + thumb (C + G)			[H]
Calculate number of stitches for fingers <u>For adults:</u> Add together cast on + 1" (C + A) <u>For small children:</u> Same as cast on (C) Add 1 stitch if needed to make this number even			[J]
Calculate number of stitches to bind off: 40% of fingers (J x .40)			[K]
<u>For little ones</u> , measure finger tip to finger tip across back of body			[L]

KNIT CUFFS

Cast on **[C]** _____ st and join, taking care not to twist; leave tails for row markers

Tie alternate color yarn scrap to tail to keep track of mitten # 1 (will be for the right hand)

Knit 2, purl 2 in ribbing for desired inches from cast on edge

Knit around for 1 row

INCREASE FOR THUMBS (you are beginning to make the thumbs now)

HOW TO Right increase = Insert the right needle from the front into the side of the stitch below the next stitch on the left needle and knit it (*helps to rotate L needle slightly toward you*)

HOW TO Left increase = Insert the left needle from the back into the side of the stitch 2 rows below the stitch on the right needle, pull it up and knit into the back loop

1) FIRST increase row:

- Knit 2
- Place marker
- Right increase (see “HOW TO right increase”)
- Knit 2
- Left increase (see “HOW TO left increase”)
- Place marker (*there are now 4 stitches between markers*)
- Knit to end of row

2) KNIT AROUND

3) Increase EVERY OTHER ROW between markers until there are **[H]** _____ stitches

- Knit 2
- Slip marker
- Right increase
- Knit until next marker
- Left increase
- Slip marker
- Knit to end of row

4) Continue to knit around on **[H]** _____ st for **[F]** _____ inches from ribbing, keeping markers in place

FINISH THUMBS: Use dp needles for thumbs, with other stitches on holders

<u>Mitten # 1:</u> • Slip to marker, remove marker • Slip 1 • Place slipped stitches on holder • Cut yarn • Knit [G] _____ stitches in the round for thumb, pulling snug	<u>Mitten # 2:</u> • Slip to marker, remove marker • Slip 1 • Place slipped stitches on holder; cut yarn • Knit next [G] _____ stitches in the round for thumb, pulling snug (attach yarn for thumb and put remaining stitches on holder)
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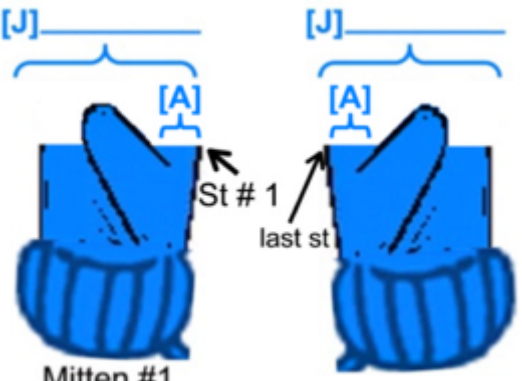
Knit **[D]** _____ inches from ribbing for each thumb

K2tog around

Cut yarn and weave through remaining sts, pull firmly and secure

KNIT PALMS: Return all stitches to flexible loop

★ Take care to place the working needles of flexible loop to begin with the first st of mitten # 1, located 1 inch from thumb, as shown below: (*Need help here? So do I...see page 4*)

The <i>FIRST</i> stitch of mitten # 1 is [A] _____ st from thumb The <i>LAST</i> stitch of mitten # 2 is [A] _____ st from thumb	 Mitten #1	Divide evenly between front and back of each mitten, removing remaining markers You should have [J] _____ st for each mitten
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First round: Attach yarn, secure cut ends, keep snug between needles

Pick up enough stitches at thumb gap to = ¼" for children or ½" for adults (¼ or ½ of gauge)

Plus 1 stitch if necessary to make an even number of stitches for each mitten

Decrease (k2 tog) 2 stitches at the opposite side of each mitten

Continue decrease 2 stitches at opposite side until there are [J or J+1] _____ stitches

Continue to work in knit around until mittens measure [E] _____ inches from ribbing
(*For bulky or fine yarn you may need to ↑ or ↓ the length here*)

DECREASE FOR FINGERTIPS: Decrease each side of the front of each mitten
and each side of the back of each mitten (4 st per round)

EVERY ROUND

- Knit 1
- Slip 1 (as if to knit)
- Knit 1
- Psso (*pass slipped st over k stitch*)
- Knit to last 3 sts
- K2 tog
- Knit 1

Continue decrease rounds until [K] _____ st remain; ↑ or ↓ to keep front and back equal

Cut yarn from mittens, leaving 20" tails

BIND OFF: (bind off each mitten separately)

Put remaining front stitches on a safety pin and remaining back stitches on another safety pin

Turn mittens inside out and carefully return st from safety pins to 2 dp needles

Bind off 2 rows at the same time, using a third needle

Weave in ends, sew thumb gap if necessary

For the little ones, make [L] _____ inches of cord (see p 4); sew firmly to cuff

HOW TO RETURN MITTENS TO FLEXIBLE LOOP

Transfer all stitches to dp needles, 2 needles for each mitten

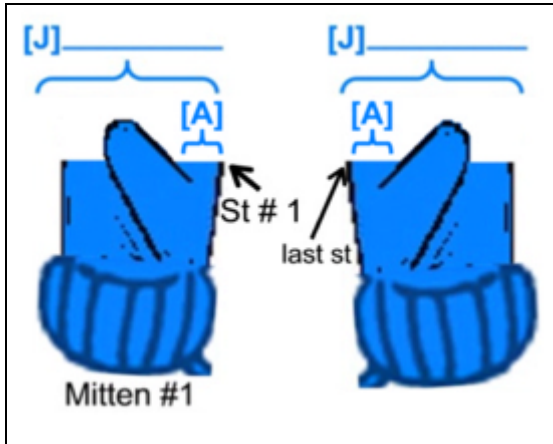
Arrange stitches so thumbs begin [A] _____ st (1 inch) from side of each mitten

Divide stitches evenly between front and back of each mitten ([J] _____ stitches)

*If you have an uneven number of stitches you will increase
at the thumb seam as you begin to knit around the palms*

Place mittens with thumbs up as shown (each mitten is on 2 dp needles)

Place mitten # 1 (identified by its scrap yarn on the cast-on tail) on the left as shown



See diagram below as a guide to inserting the flexible loop

Insert one end of the flexible loop needle into the BACK of mitten #1

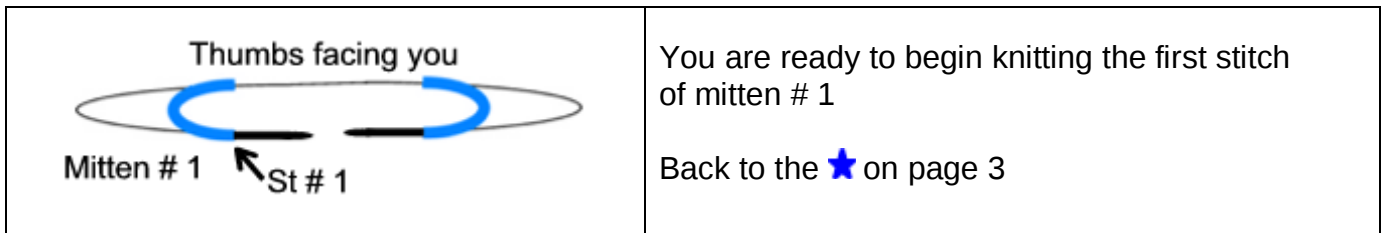
bend the loop

bring the same end of the flexible loop needle through the thumb side of mitten # 1

Insert the other end of the flexible loop needle into the BACK of mitten # 2

bend the loop

bring the same end of the flexible loop needle through the thumb side of mitten # 2



HOW TO MAKE CORD

- Using 2 dp needles, CO 3 stitches
- Slide stitches to right side of left needle (do not turn the needle)
- Knit the 3 stitches
- Again slide stitches to right side of left needle (never turn the needle), and knit

Questions or Comments? e-mail shpc@rainlight.com