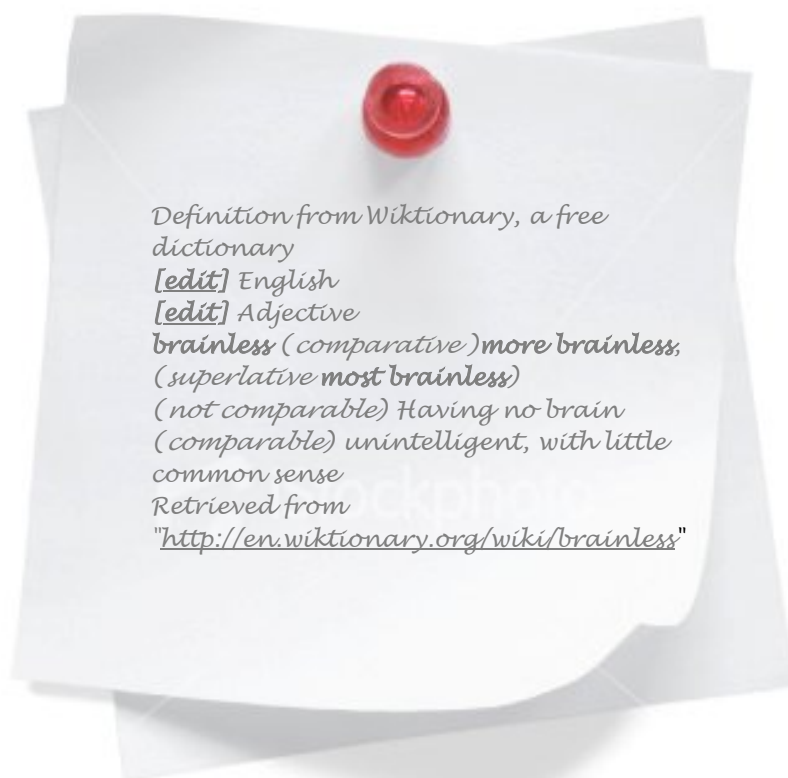




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‘brainless’



[materials]

- Used: 1 x 3.5oz / 100 gram skein of Easy Knits ‘Release The Stars’ 100% Bluefaced Leicester wool sock yarn
- US size 1 (2.5 mm) needles, or size to obtain gauge
- Easily removable stitch markers
- Cable needle (optional)
- Tapestry needle

[gauge]

28 sts x 43 rows = 4 x 4" (10 x 10 cm) in Stockinette stitch

[sizes]

women's medium : US size 6½-7½ European shoe size 37/38

women's large: US 8½-9, European 39/40

women's extra large or small men's size: US 9½, European 41

[finished measurements]

Foot length: 9¼ (10, **10½**)" or 24 (**25.5, 27**) cm

Foot circumference: 7½ (**8, 8**)" or 19 (**20.5, 20.5**)cm

Length of gusset, including heel turn and heel flap: 4¾ (**5, 5¼**)", 12 (**12.5, 13**) cm

[notes]

- The socks are worked toe-up on (1 or 2) circular needle(s), starting with [Judy's Magic Cast On](#). Use dpn's if you like.
- The toe and side of the foot is patterned, the upper foot and foot sole are entirely in Stockinette stitch.
- The socks feature 'gusset and flap' heels: gusset increases are worked on upper foot, the heel is turned with short rows, then the gusset stitches are decreased away as the heel flap is worked.
- Short-row turns for heel turn are concealed by wrapping a stitch at each turn. On transition row, work each wrap with the stitch it wraps, as follows: To knit a stitch with its wrap on the left side of the heel turn, insert right needle under front of wrap and into knit stitch, and knit together. To knit a stitch with its wrap on the right side of the heel turn, insert right needle under front of wrap and into knit stitch, and knit together through the back loops.
- Slip all stitches as if to purl with yarn held to wrong side, unless instructed otherwise.
- The sizes differ in the number of gusset increases: 2 x 15 for medium, 2 x 16 for large, and 2 x 17 for x-large.
- All cables are knit through the back loop

[abbreviations]

»: Indicates the stitch count after shaping.

BO: Bind off.

k: Knit.

Ktbl: knit through the back loop

k2tog: Knit 2 together.

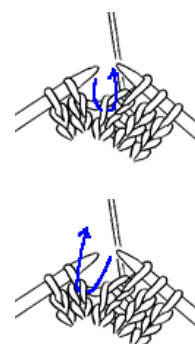
ML (make one, leaning left): on left gusset, insert left needle into stitch two rows below the first stitch on the right needle, knit this stitch. If it is to be a purl stitch, then purl this stitch through the back loop.

MR (make one, leaning right): on right gusset, insert right needle into stitch below the first stitch on the left needle. Lift this stitch onto the left needle, knit this stitch. If it is to be a purl stitch, then purl this stitch through the back loop.

① - M1p (make 1 purled stitch), only for first increase in both gussets: lift horizontal strand between sts on left needle, purl stitch.

p: Purl.

p2tog: Purl 2 together.



PM: Place marker.

RS: Right side.

st(s): Stitch(es).

tbl: Through back loop(s).

w&t (wrap and turn): On a knit stitch - slip next stitch with yarn in back, bring yarn to front, slip stitch back to left needle, turn work. On a purl stitch: slip next stitch with yarn in front, bring yarn to back, slip stitch back to left needle, turn work

WS: Wrong side.

[instructions]

['brainless' Chart 1 - Toe]

[note] *The toe is patterned both on upper foot and foot sole. Chart only shows the upper foot stitches, repeat for foot sole stitches, increasing one stitch at indicated places on every other round (4 stitches every other round). To avoid holes, be sure*

	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
18	B	B	●	B																													
17	B	B	●	B	MR																							M	B	●	B	B	
16				B	B	●	B																					B	●	B	B		
15				B	MR	●	B																					B	●	M	B		
14				B	●	B																						B	●	B			
13				B	⊙	B																						B	⊙	B			
12				B	B																							B	B				
11				B	M																							MR	B				
10				B																								B					
9				B	M																							MR	B				
8																																	
7							M																						MR				
6																																	
5								M																						MR			
4																																	
3									M																						MR		
2																																	
1										M																					MR		

to work yarn snugly on each round. For size medium, work rows 1 - 16 of Toe Chart 1, for size large and x-large, work rows 1 - 18.

[toe]

With US1 needles (2.5 mm) and project yarn, cast on 14 sts on both needles using Judy's Magic Cast On (<http://www.knitty.com/ISSUESpring06/FEATmagiccaston.html>), including one knit row. Next, change to Toe Chart and work rows 1 - 16 (1 - 18, 1 - 18) as follows:

Round 1: on first needle, corresponding with row 1 of Toe Chart 1: PM to indicate beginning of new round, *k1, MR, k12, ML, k1*, turn to second needle and repeat from * to *.

Round 2 and all even rounds: Work all stitches as they appear, without increasing.

Repeat these two rounds, increasing 4 stitches every other round, following Toe Chart 1, increasing where and how indicated, until you have 30 (32, 32) sts on both needles.

['brainless' Chart 2 - Side Cable]

[foot]

Work 3 more rounds in established toe pattern.

Prepare to change to 'brainless' Chart 2 - Side Cable:

Remove marker. At beginning of new round, work 4 sts in pattern as established in toe. Move these 4 sts from left needle to right needle.

K 22 (**24, 24**), work 4 remaining sts in pattern.

Turn to other needle. Turn to other needle and work first 4 sts in pattern. Move these 4 sts from left needle to right needle.

K 22 (**24, 24**) and *PM to indicate beginning of new round.*

[note] *result: all sts needed for side cable pattern are grouped together at the end of each needle, new round begins on left side of foot, before cable. This is the sole needle.*

Start working 'brainless' Chart 2 - Side Cable in row 1 on both sides of foot, knitting remaining 22 (**24, 24**) sts on each needle, until foot measures 4¾, 5, 5½" / 12 (**13, 14**) cm. End, having worked row 1.

	8	7	6	5	4	3	2	1	
	B	●					●	B	6
	B	●					●	B	5
	B	●					●	B	4
	B	●					●	B	3
	B	●					●	B	2
	B	●					●	B	1

Legend:

B	knit tbl
●	purl
	c2 over 2 right
□	knit

[gusset]

[note] *The gussets 'grow' purlwise between the side cables. The tbl strands remain on the outside, framing the gusset increase section. These framing strands are visible in the chart as the stitches with a light grey background on either side of the gusset. While they do not count as gusset stitches, they are charted nevertheless.*

At beginning of new round, change to 'brainless' Left Gusset Chart 3, starting with row 2.

Note: last worked row 1 of 'brainless' Chart 2 - Side Cable is the same as row 1 of Chart 3 - Left Gusset.

Work 22 (**24, 24**) k sts across upper foot.

Change to 'brainless' Right Gusset Chart 3a, starting with row 2.

Note: last worked row 1 of 'brainless' Side Cable is the same as row 1 of Right Gusset Chart 3.

K 22 sts across foot sole to M.

Work Left and Right Gusset Charts 3 and 3a, increasing in every other row. Increase a total of 2 x 15 sts for medium, 2 x 16 sts for large, *FOR X-LARGE INCREASE 2 x 17 STS.* » 90 (**96, 98**) total stitch count.

Redistribute sts as follows:

isolate central 26 (**28, 28**) upper foot sts onto a separate needle, move remaining 64 (**68, 70**) other sts onto other needle(s). Proceed to turn the heel in the next section.

[heel turn]

Position: at end of right gusset, having just worked row 30 (**32, 34**), stitch 19 (**20, 21**).

Place (removable) markers on either side of the central 24 (**26, 26**) sts. Using short rows, shape heel turn, working back and forth on heel needle as follows:

Setup row: p1, k1tbl, k21 (**23, 23**), w&t

Row 1 (WS): p20 (**22, 22**), w&t

Row 2 (RS): k19 (**21, 21**), w&t.

Row 3: p18 (**20, 20**), w&t.

Row 4: k17 (**19, 19**), w&t.

STOP here.

Row 5: p16 (**18, 18**), w&t.

Row 6: k15 (**17, 17**), w&t.

Row 7: p14 (**16, 16**), w&t.

Row 8: k13 (**15, 15**), w&t.

Row 9: p12 (**14, 14**), w&t.

Position: On RS needle, ready to work the 12 (**14, 14**) central 'live' heel sts (5 wrapped sts on either side).

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[transition round, work carefully]

Work a transition round as follows, removing heel markers as you come across them:
 k12 (14, 14), [knit next st tog with its wrap] x 5, k1tbl, p1, k2tbl, p15 (16, 17), k2tbl,
 p1, k1tbl, k22 (24, 24), k1tbl, p1,
 k2tbl, p15 (16, 17), k2tbl, p1, k1tbl, [knit next st tog with its wrap] x 5, and **STOP**.
Position: On RS needle, ready to work the 12 (14, 14) central, 'live' heel sts.

[heel flap]

Work heel flap back and forth across 22 (24, 24) heel sts, and at the same time, decrease gusset sts, as follows:

Row 1 (RS): k17 (19, 19), k1tbl, p1, k1tbl, ssk, turn (*no wrap*) » 1 less gusset st.

Row 2: Slip 1tbl, p1tbl, k1, p1tbl, p22 (24, 24), p1tbl, k1, p1tbl, p2tog, turn » 1 less gusset st.

Row 3: Slip 1tbl, k1tbl, p1, k1tbl, k22 (24, 24) k1tbl, p1, k1tbl, ssk, turn » 1 less gusset st.

Repeat rows 2 and 3 until 60 (64, 64) sts remain, having completed a WS row. Turn.

End heel flap, and resume knitting in the round, as follows:

work last RS row across heel sts, stopping just before last 4 sts.

PM now to indicate new beginning of rounds.

Place 2 sts on cable needle and hold to back, k2 tbl, place 2 sts from cable needle back onto left needle and k2tbl.

Change to upper foot needle, p1, k1tbl, k22 (24, 24), k1tbl, p1.

Change to heel needle, place 2 sts on cable needle and hold to back, k2 tbl, place 2 sts from cable needle back onto left needle and k2tbl, p1, k1tbl, k22 (24, 24), k1tbl, p1.

[note] result: Row 1 of 'brainless' Chart 2 - Side Cable completed.

[leg]

On next round, go back to 'brainless' Side Cable Pattern, continuing with row 2 - 6.

To add ribbing between cable panels, proceed as follows:

*[Side Cable Pattern], (*k1tbl*), [p1, k2tbl] x 7, p1 (*k1tbl*)* - repeat from * to * for sole needle. Work rows 2 - 6, 5 times, ending in row 6 of Side Cable Pattern.

[cuff]

For cuff, add 1 purled stitch in each Side Cable Pattern as indicated in 'brainless' Chart 3 - Cuff. Work all sts *as they appear* for a total of 10 more rounds.

[note] Row 1 of 'brainless' Chart 2 - Side Cable is the same as Row 1, 'brainless' Chart 3 - Cuff.

[finishing]

BO in pattern. Weave in all ends. Make second sock to match the first.

[credits and thanks]

The faithful test knitters Debby and Waltraud, and the [Ravelry Wollmeiseholics Anonymous](#) group.

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['brainless' Chart 3 - Cuff]

	9	8	7	6	5	4	3	2	1	
	B	●	B	B	●	B	B	●	B	3
	B	●	B	B	⓪	B	B	●	B	2
	B	●	↘	■	↗	●	B			1

Legend:

B	knit tbl
●	purl
↘ ↗	c2 over 2 right
■	No Stitch
⓪	make one purled stitch

['brainless' Chart 3 - Left Gusset]

['brainless' Chart 3a - Right Gusset]

25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	34
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	33
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	32
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	31
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	30
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	29
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	28
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	27
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	26
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	25
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	24
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	23
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	22
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	21
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	20
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	19
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	18
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	17
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	16
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	15
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	14
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	13
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	12
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	11
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	10
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	9
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	8
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	7
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	6
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	5
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	4
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	3
B	•	B	B	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	2
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	1

Created in Knit Visualizer (www.knitfoundry.com)

Legend:

■	No Stitch
B	knit tbl
•	purl
↘ ↙	c2 over 2 right
⊙	make one purl
M	make one left

■	X-Large only
■	Large only

25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1			
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	34
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	33	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	32
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	31	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	30
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	29	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	28
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	27	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	26
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	25	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	24
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	23	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	22
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	21	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	20
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	19	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	18
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	17	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	16
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	15	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	14
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	13	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	12
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	11	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	10
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	9	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	8
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	7	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	6
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	5	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	4
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	3	
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	MR	B	B	•	B	2
B	•	B	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	B	B	•	B	1	

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the Wollmeiseholics Anonymous Group