

Polygala written instructions

Cast on 8 stitches and join into a round. Repeat the pattern four times per round. Decrease as shown in the last round, with a single crochet for each decrease and chain 12 between decreases. If you are planning to join multiple squares, don't do the decreases, use a loose knitted bind-off instead.

Chart

Instructions below are for one repeat. Repeat four times per round.

Row 1 (RS): (ktbl, yo) × 2. (4 sts)

Row 3: (ktbl, yo, knit, yo) × 2. (8 sts)

Row 5: ktbl, yo, knit × 3, yo, ktbl, yo, cdd, yo. (10 sts)

Row 7: ktbl, yo, k2tog, yo, knit, yo, ssk, yo, ktbl, yo, cdd, yo. (12 sts)

Row 9: ktbl, yo, k2tog, yo, knit × 3, yo, ssk, yo, ktbl, yo, cdd, yo. (14 sts)

Row 11: ktbl, (yo, k2tog) × 2, yo, knit, (yo, ssk) × 2, yo, ktbl, yo, cdd, yo. (16 sts)

Row 13: ktbl, (yo, k2tog) × 2, yo, knit × 3, (yo, ssk) × 2, yo, ktbl, yo, knit 3, yo. (20 sts)

Row 15: ktbl, (yo, k2tog) × 3, yo, knit, (yo, ssk) × 3, yo, ktbl, yo, k2tog, yo, ktbl, yo, ssk, yo. (24 sts)

Row 17: (ssk, yo) × 3, ssk, knit, (k2tog, yo) × 3, k2tog, (yo, knit, yo, ktbl) × 3, yo, knit, yo. (30 sts)

Row 19: (ssk, yo) × 3, cdd, (yo, k2tog) × 3, (yo, knit × 3, yo, ktbl) × 3, yo, knit × 3, yo. (36 sts)

Row 21: (ssk, yo) × 2, ssk, knit, (k2tog, yo) × 2, k2tog, (yo, knit × 5, yo, ktbl) × 3, yo, knit × 5, yo. (42 sts)

Row 23: (ssk, yo) × 2, cdd, (yo, k2tog) × 2, (yo, knit × 7, yo, ktbl) × 3, yo, knit × 7, yo. (48 sts)

Row 25: ssk, yo, ssk, knit, k2tog, yo, k2tog, (yo, knit × 9, yo, ktbl) × 3, yo, knit × 9, yo. (54 sts)

Row 27: ssk, yo, cdd, yo, k2tog, (yo, knit × 11, yo, ktbl) × 3, yo, knit × 11, yo. (60 sts)

Row 29: ssk, knit, k2tog, (yo, knit × 13, yo, ktbl) × 3, yo, knit × 13, yo. (66 sts)

Row 31: yo, cdd, (yo, knit × 15, yo, ktbl) × 3, yo, knit × 15. (72 sts)

Row 33: yo, cdd, yo, ssk, knit × 29, k2tog, yo, p1, kfb, p1, yo, ssk, knit × 29, k2tog. (71 sts)

Row 35: yo, cdd, yo, ssk, knit × 27, k2tog, yo, p6, yo, ssk, knit × 27, k2tog. (69 sts)

Row 37: yo, cdd, yo, ssk, knit × 25, k2tog, yo, p8, yo, ssk, knit × 25, k2tog. (67 sts)

Row 39: yo, cdd, yo, ssk, knit × 23, k2tog, p10, ssk, knit × 23, k2tog. (63 sts)

Row 41: yo, cdd, yo, ssk, knit × 21, k2tog, (knit × 2, yo) × 4, knit × 2, ssk, knit × 21, k2tog.

Row 43: yo, cdd, yo, ssk, knit × 19, k2tog, ssk, (yo, ktbl, yo, knit × 2) × 3, yo, ktbl, yo, k2tog, ssk, knit × 19, k2tog. (65 sts)

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- Row 45: yo, cdd, yo, ssk, knit × 17, k2tog, knit × 2, (yo, ktbl, yo, knit × 4) × 3, yo, ktbl, yo, knit × 2, ssk, knit × 17, k2tog. (69 sts)
- Row 47: yo, cdd, yo, ssk, knit × 15, k2tog, knit × 3, (yo, ktbl, yo, knit × 6) × 3, yo, ktbl, yo, knit × 3, ssk, knit × 15, k2tog. (73 sts)
- Row 49: yo, cdd, yo, ssk, knit × 13, k2tog, knit × 4, (yo, ktbl, yo, knit × 8) × 3, yo, ktbl, yo, knit × 4, ssk, knit × 13, k2tog. (77 sts)
- Row 51: yo, cdd, yo, ssk, knit × 11, k2tog, knit × 5, (yo, ktbl, yo, knit × 10) × 3, yo, ktbl, yo, knit × 5, ssk, knit × 11, k2tog. (81 sts)
- Row 53: yo, cdd, yo, ssk, knit × 9, k2tog, knit × 52, ssk, knit × 9, k2tog. (77 sts)
- Row 55: yo, cdd, yo, ssk, knit × 7, k2tog, knit × 52, ssk, knit × 7, k2tog. (73 sts)
- Row 57: yo, cdd, yo, ssk, knit × 5, k2tog, knit × 10, cdd, (yo, knit × 13) × 2, yo, cdd, knit × 10, ssk, knit × 5, k2tog. (68 sts)
- Row 59: yo, cdd, yo, ssk, knit × 3, k2tog, knit × 8, cdd, (yo, knit, yo, ssk, knit × 9, k2tog) × 2, yo, knit, yo, cdd, knit × 8, ssk, knit × 3, k2tog. (62 sts)
- Row 61: yo, cdd, yo, ssk, knit, k2tog, knit × 6, cdd, yo, ktbl, knit × 2, yo, ssk, knit × 7, k2tog, yo, knit 3, yo, ssk, knit × 7, k2tog, yo, knit × 2, ktbl, yo, cdd, knit × 6, ssk, knit, k2tog. (56 sts)
- Row 63: (yo, cdd) × 2, knit × 4, cdd, yo, knit × 5, yo, ssk, knit × 5, k2tog, yo, knit 5, yo, ssk, knit × 5, k2tog, yo, knit × 5, yo, cdd, knit × 4, cdd. (50 sts)
- Row 65: cdd, yo, ktbl, yo, knit × 2, cdd, yo, knit × 3, yo, knit, yo, knit × 3, yo, ssk, knit × 3, k2tog, yo, knit × 3, yo, ktbl, yo, knit × 3, yo, ssk, knit × 3, k2tog, yo, knit × 3, yo, knit, yo, knit × 3, yo, cdd, knit × 2, yo, ktbl, yo. (56 sts)
- Row 67: yo, ktbl, yo, knit 3, yo, knit, k2tog, yo, knit × 2, k2tog, yo, knit × 3, yo, ssk, knit × 2, yo, ssk, knit, k2tog, yo, knit × 2, k2tog, yo, incto3, yo, ktbl, yo, incto3, yo, ssk, knit × 2, yo, ssk, knit, k2tog, yo, knit × 2, k2tog, yo, knit × 3, yo, ssk, knit × 2, yo, ssk, knit, yo, knit × 3. (66 sts)
- Row 69: (yo, cdd) × 2, yo, knit, yo, k2tog, knit × 2, k2tog, yo, knit, yo, cdd, yo, knit, yo, ssk, knit × 2, yo, cdd, yo, knit × 2, k2tog, yo, knit, yo, cdd, yo, knit, yo, ktbl, yo, knit, yo, cdd, yo, knit, yo, ssk, knit × 2, yo, cdd, yo, knit × 2, k2tog, yo, knit, yo, cdd, yo, knit, yo, ssk, knit × 2, ssk, yo, knit, yo, cdd.
- Row 71: knit 3, yo, ktbl, yo, knit 3, yo, knit × 2, k2tog, yo, knit 3, yo, ktbl, yo, knit 3, yo, ssk, knit × 5, k2tog, (yo, knit 3, yo, ktbl) × 3, yo, knit 3, yo, ssk, knit × 5, k2tog, yo, knit 3, yo, ktbl, yo, knit 3, yo, ssk, knit × 2, yo, knit 3, yo, ktbl, yo. (82 sts)
- Row 73: (cdd, yo) × 3, knit, yo, knit, k2tog, yo, knit, (yo, cdd) × 3, yo, knit, yo, ssk, knit × 3, k2tog, yo, knit, (yo, cdd) × 3, yo, knit, yo, ktbl, yo, knit, (yo, cdd) × 3, yo, knit, yo, ssk, knit × 3, k2tog, yo, knit, (yo, cdd) × 3, yo, knit, yo, ssk, (knit, yo) × 2, (cdd, yo) × 2. (74 sts)

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Row 75: (yo, ktbl, yo, knit 3) × 2, yo, k2tog, (yo, knit 3, yo, ktbl) × 2, yo, knit 3, yo, dec5to1, (yo, knit 3, yo, ktbl) × 5, yo, knit 3, yo, dec5to1, (yo, knit 3, yo, ktbl) × 2, yo, knit 3, yo, ssk, yo, knit 3, yo, ktbl, yo, knit 3. (96 sts)

Row 77: (yo, cdd) × 16, yo, knit, yo, ktbl, yo, knit, (yo, cdd) × 15. (68 sts)

Row 79: (knit 3, yo, ktbl, yo) × 17. (102 sts)

Row 81: (cdd, yo) × 9, knit, yo, ktbl, yo, knit, (yo, cdd) × 24, yo. (72 sts)

Row 83: (yo, ktbl, yo, knit 3) × 18. (108 sts)

Row 85: knit × 55, yo, ktbl, yo, knit × 52. (110 sts)

Row 87: knit × 56, yo, ktbl, yo, knit × 53. (112 sts)

Row 89: dec6to1, (dec5to1 × 10, cdd) × 2. (23 sts)

Stitch glossary

Centered double decrease : slip 2 stitches together knitwise, k1, then pass slipped stitches over.

Decrease 5 to 1 : decrease 5 stitches to 1 stitch.

Decrease 6 to 1 : decrease 6 stitches to 1 stitch.

Increase 1 to 3 : (k1, p1, k1) into the same stitch to make 3 stitches from 1.

K2tog : knit 2 stitches together.

Knit : (K) knit

Knit into fb : (kfb) knit into front and back of same stitch.

Ktbl : knit through back loop.

Purl : (P) purl.

RS: right side.

Ssk : slip, slip, knit.

Yo : yarn over.