Cosmic Cal

Part 2



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US terms used throughout Abbreviations

St, sts	Stitch, stitches	Sc	Single crochet	Bl	Back Loop
R	Round	Hdc	Half double crochet	Fl	Front Loop
Ch	Chain	Dc	Double crochet	Вр	Back Post
Sl-st	Slip stitch	Tr	Treble crochet	Fp	Front Post
Yo	Yarn over	Dtr	Double treble crochet		

[] Hints: Are typed in italics and coloured purple, they are to help and guide you and hopefully make life a little easier, especially for beginners.

Reference to photos is [P] with the relevant photo number

- * * Repeat instructions between asterisks the amount of times specified. This is normally a repeat for a complete side and will consist of multiple instructions.
- () or () Repeat instructions between parentheses the amount of times specified. This is a lower level repeat.

Tr Cluster: Yo twice, insert hook into indicated st/sp, yo and pull through 2 loops twice. Repeat twice more, in same st/sp. (4 loops on hook), yo and pull through all 4 loops.

Hint: 3rd and 10th sc between cluster groups fall in point sts.

31. Join with a standing sc in 6th sc before any point sc, [P1]

*ch 7, skip next 11 sts, sc in next 25 sts, [P2]

(skip next 3 sts, in next st ((tr cluster, ch 3) twice, tr cluster), skip next 3 sts, sc in next st) 6 times, [P3]

skip next 2 sts, in next st [*fptr5tog*] ((tr cluster, ch 3) twice, tr cluster), skip next 2 sts [P4]

(sc in next st, skip next 3 sts, in next st ((tr cluster, ch 3) twice, tr cluster), skip next 3 sts) 6 times, sc in next 25 sts. * [P5,6]

Repeat from * to * twice, omit last sc.

Join to standing sc, fasten off, and secure ends.

Flip ch-7 to back of work.

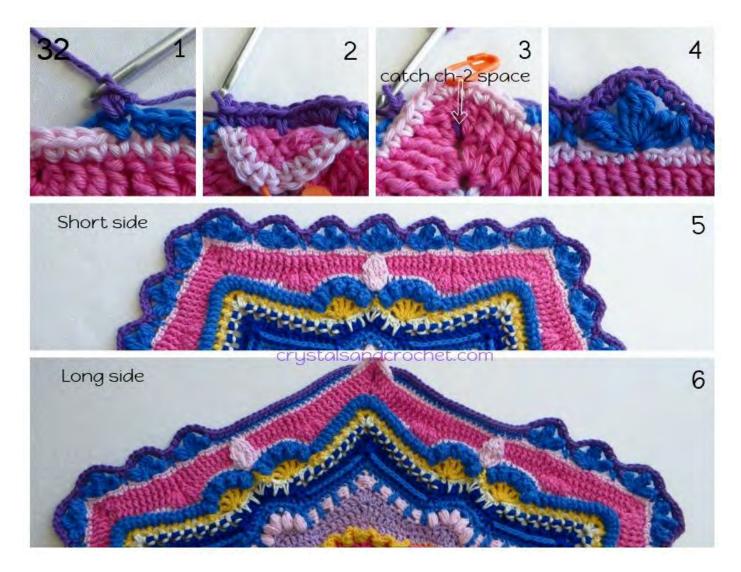
Stitch count: per repeat: 62 sc, 13 groups of 3 tr clusters and 2 ch-3 spaces each.



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32. Join with a standing sc in last sc before any ch-7 space, [P1] *9 sc in ch-7 space, catching 5th sc through ch-2 space R27 [P2,3], sc in next 25 sts, ((fpsc around next cluster, 3 sc in next ch-3 space) twice, [P4] fpsc around next cluster, sc in next st) 13 times, sc in next 24 sts. *[P5,6]

Repeat from * to * twice, omit last sc. Join to standing sc with a sl-st. Stitch count: per repeat: 149 sc, 39 fpsc.



33. Ch 1 and sc in same st, sc in next 32 sts, [P1]

*(sc3tog over next 3 sts [P2], sc in next 3 sts, 3 sc in next st, sc in next 3 sts) 13 times, [P3] sc3tog over next 3 sts, sc in next 55 sts. *[P4,5]

Repeat from * to * twice, omit last 33 sc. Join to 1st sc with a sl-st. Stitch count: per repeat: 172 sc, 14 sc3tog.



34. Ch 1 and sc in same st [P1], sc in next 31 sts,

*(sc3tog over next 3 sts, sc in next 3 sts, 3 sc in next st, sc in next 3 sts) 13 times, [P2] sc3tog over next 3 sts, sc in next 53 sts. * [P3,4]

Repeat from * to * twice, omit last 32 sc. Join to 1^{st} sc, fasten off, and secure ends. Stitch count: per repeat: 170 sc, 14 sc3tog.



Place stitch markers as follows: 1st marker R34 in line with sc catching through R27[P1], this will also be in line with 2nd sc in point R30, also mark this stitch. These markers will be essential to your starting points in the next few rounds. You will now be working long and short sides; stitch markers are placed on long side.

35. *Long side: Join with a standing sc in 22nd st after marked st R34 [*do not include marked st in count*] [P2], hdc in next st, dc in next 2 sts, tr in next 3 sts, dc in next 2 sts, hdc in next st, [P3]

(sc in next st, hdc in next st, dc in next 2 sts, tr3tog over next 3 sts, dc in next 2 sts, hdc in next st) twice, [P4]

sc in next st, hdc in next st, dc in next 2 sts, tr in next 3 sts, dc in next 2 sts, hdc in next st, sc in next st, [P5]

Short side: (hdc in next st, dc in next 2 sts, tr3tog over next 3 sts, dc in next 2 sts, hdc in next st, sc in next st) 6 times,

Long side: hdc in next st, dc in next 2 sts, tr in next 3 sts, dc in next 2 sts, hdc in next st, (sc in next st, hdc in next st, dc in next 2 sts, tr3tog over next 3 sts, dc in next 2 sts, hdc in next st) twice,

sc in next st, hdc in next st, dc in next 2 sts, tr in next 3 sts, dc in next 2 sts, hdc in next st, sc in next st, cut yarn, and fasten off. * [P6] *Hint: you will have 21 sts left before marker.*

Repeat from * to * twice. Stitch count: long side: 9 sc, 16 hdc, 32 dc, 12 tr, 4 tr3tog. Short side: 6 sc, 12 hdc, 24 dc, 6 tr3tog.



36. *Long side: Join with a standing sc in 20th st after marked st R34 [P1], hdc in next st, sc in next 3 sts, hdc in next 7 sts, dc in next 14 sts, tr in next 7 sts,

Short side: 3 tr in next st [*place marker in 1st tr*], tr in next st, dc in next 2 sts, hdc in next st, sc in next 49 sts, hdc in next st, dc in next 2 sts, tr in next st, 3 tr in next st [*place marker in 3rd tr*], [P2]

Long side: tr in next 7 sts, dc in next 14 sts, hdc in next 7 sts, sc in next 3 sts, hdc in next st R34, sc in next st, cut yarn, and fasten off. * [P3]

Repeat from * to * twice. Stitch count: Long side: 8 sc, 16 hdc, 28 dc, 14 tr. Short side: 49 sc, 2 hdc, 4 dc, 8 tr.



37. *Long side: Join with a standing sc in 18th st after marked st R34 [*do not include marked st in count*] [P1], hdc in next st, sc in next 3 sts, ch 2, skip next 2 sts, sc in next 2 sts

(ch 2, skip next 2 sts, hdc in next 2 sts) twice,

(ch 2, skip next 2 sts, dc in next 2 sts) 4 times, ch 2, skip next 2 sts,

Short side: in marked st (2 dc, hdc) [place marker in 1st dc], (ch 1, skip next st, sc in next st) 30 times, ch 1, skip next st, in marked st (hdc, 2 dc) [place marker in 2nd dc], [P2]

Long side: (ch 2, skip next 2 sts, dc in next 2 sts) 4 times (ch 2, skip next 2 sts, hdc in next 2 sts) twice, (ch 2, skip next 2 sts, sc in next 2 sts) twice, sc in next st, hdc in next st R34, sc in next st, cut yarn, and fasten off. * [P3]

Repeat from * to * twice. Stitch count: Long side: 12 sc, 10 hdc, 16 dc. Short side: 30 sc, 2 hdc, 4 dc, 31 ch-1 spaces.



Hint: when working into any skipped st, work in front of chain space.

38. *Long side: Join with a standing sc in 16th st after marked st R34 [*do not include marked st in count*] [P1], hdc in next st, sc in next 5 sts,
(hdc in next 2 skipped sts R36, sc in next 2 sts) twice,
(dc in next 2 skipped sts R36, sc in next 2 sts) twice,
(tr in next 2 skipped sts R36, hdc in next 2 sts) 3 times, tr in next 2 skipped sts R36,

Short side: in marked st (2 hdc, sc) [*place marker in 1st hdc*], sc in next st, (ch 1, skip next st, sc in next ch-1 space) 31 times, ch 1, skip next st, sc in next st, in marked st (sc, 2 hdc) [*place marker in 2nd hdc*], [P2]

Long side: (tr in next 2 skipped sts R36, hdc in next 2 sts) 3 times, tr in next 2 skipped sts R36,

(sc in next 2 sts, dc in next 2 skipped sts R36) twice, (sc in next 2 sts, hdc in next 2 skipped sts R36) twice, sc in next 5 sts, hdc in next st R34, sc in next st, cut yarn, and fasten off. * [P3]

Repeat from * to * twice. Stitch count: Long side: 28 sc, 22 hdc, 8 dc, 16 tr. Short side: 35 sc, 32 ch-1 spaces.



39. *Long side: Join with a standing sc in 14th st after marked st R34 [*do not include marked st in count*] [P1], hdc in next st, sc in next 3 sts,

(ch 2, skip next 2 sts, sc in next 2 sts) twice,

(ch 2, skip next 2 sts, hdc in next 2 sts) twice,

(ch 2, skip next 2 sts, dc in next 2 sts) 4 times, ch 2 skip next 2 sts,

Short side: in marked st (2 dc, hdc) [*place marker in 1st dc*],

ch 1, skip next st, sc in next st,

(ch 1, skip next st, sc in next ch-1 space) 32 times, ch 1, skip next st, sc in next st, ch 1, skip next st,

in marked st (hdc, 2 dc) [*place marker in 2nd dc*], [P2]

Long side: (ch 2, skip next 2 sts, dc in next 2 sts) 4 times,

(ch 2, skip next 2 sts, hdc in next 2 sts) twice,

(ch 2, skip next 2 sts, sc in next 2 sts) 3 times, sc in next st, hdc in next st R34, sc in next st, cut yarn, and fasten off. * [P3]

Repeat from * to * twice.

Stitch count: Long side: 16 sc, 8 hdc, 16 dc, 18 ch-2 spaces. Short side: 34 sc, 2 hdc, 4 dc, 35 ch-1 spaces.



40. * Long side: Join with a standing sc in 12th st after marked st R34 [*do not include marked st in count*] [P1], hdc in next st, sc in next 5 sts, (hdc in next 2 skipped sts R38, sc in next 2 sts) twice, (dc in next 2 skipped sts R38, sc in next 2 sts) 3 times, (tr in next 2 skipped sts R38, hdc in next 2 sts) 3 times, tr in next 2 skipped sts R38, hdc in next 2 sts) 3 times, tr in next 2 skipped sts R38, hdc in next 2 sts) 4 times, tr in next 2 skipped sts R38, hdc in next 2 sts 4 times, tr in next 2 skipped sts R38, hdc in next 2 sts 4 times, tr in next 2 skipped sts R38, hdc in next 2 sts 4 times, tr in next 2 skipped sts R38, hdc in next 2 sts 4 times, tr in next 2 skipped sts R38, hdc in next 2 sts 4 times, tr in next 2 skipped sts R38, hdc in next 2 sts 4 times, tr in next 2 skipped sts R38, hdc in next 4 times, tr in nex

Short side: in marked st (2 hdc, sc) [*place marker in 1st hdc*], sc in next st, (ch 1, skip next st, sc in next ch-1 space) 35 times, ch 1, skip next st, sc in next st, in marked st (sc, 2 hdc) [*place marker in 2nd hdc*], [P2]

Long side: (tr in next 2 skipped sts R38, hdc in next 2 sts) 3 times, tr in next 2 skipped sts R38,

(sc in next 2 sts, dc in next 2 skipped sts R38) 3 times, (sc in next 2 sts, hdc in next 2 skipped sts R38) twice, sc in next 5 sts, hdc in next st R34, sc in next st, cut yarn, and fasten off. * [P3]

Repeat from * to * twice. Stitch count: Long side: 32 sc, 20 hdc, 12 dc, 16 tr. Short side: 39 sc, 4 hdc, 36 ch-1 spaces.



41. * Long side: Join with a standing sc in 10th st after marked st R34 [*do not include marked st in count*] [P1], hdc in next st, sc in next 23 sts, hdc in next 4 sts, dc in next 6 sts, tr in next 8 sts,

Short side: in marked st (3 tr, 2 dc) [*place marker in 1st tr*], hdc in next 2 sts, (sc in next st, sc in next ch-1 space) 36 times, sc in next st, hdc in next 2 sts, in marked st (2 dc, 3 tr) [*place marker in 3rd tr*], [P2]

Long side: tr in next 8 sts, dc in next 6 sts, hdc in next 4 sts, sc in next 23 sts, hdc in next st R34, sc in next st, cut yarn, and fasten off. * [P3]

Repeat from * to * twice. Stitch count: Long side: 48 sc, 10 hdc, 12 dc, 16 tr. Short side: 73 sc, 4 hdc, 4 dc, 6 tr.



42. * Long side: Join with a standing sc in 8th st after marked st R34 [*do not include marked st in count*] [P1], hdc in next st, sc in next 10 sts, hdc in next 10 sts, dc in next 12 sts, tr in next 11 sts,

Short side: in marked st (3 tr, 2 dc) [*place marker in 3rd tr*], dc in next st, hdc in next 83 sts, dc in next st, in marked st (2 dc, 3 tr) [*place marker in 1st tr*], [P2]

Long side: tr in next 11 sts, dc in next 12 sts, hdc in next 10 sts, sc in next 10 sts, hdc in next st R34, sc in next st, cut yarn, and fasten off. * [P3]

Repeat from * to * twice. Stitch count: Long side: 22 sc, 20 hdc, 24 dc, 22 tr. Short side: 83 hdc, 6 dc, 6 tr.



End part 2