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By: Helen at www.crystalsandcrochet.com

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Cosmic Cal Part 2



UK terms used throughout Abbreviations

St, sts	Stitch, stitches	Dc	Double crochet	Bl	Back Loop
R	Round	Htr	Half treble crochet	Fl	Front Loop
Ch	Chain	Tr	Treble crochet	Bp	Back Post
Sl-st	Slip stitch	Dtr	Double treble crochet	Fp	Front Post
Yo	Yarn over	Trtr	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.

* * 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.

Special Stitches

Dtr 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 dc between cluster groups fall in point sts.

31. Join with a standing dc in 6th dc before any point dc,
*7 ch, miss next 11 sts, dc in next 25 sts,
(miss next 3 sts, in next st ((dtr cluster, 3 ch) twice, dtr cluster), miss next 3 sts, dc in next st) 6 times,
miss next 2 sts, in next st [*fpdtr5tog*] ((dtr cluster, 3 ch) twice, dtr cluster), miss next 2 sts
(dc in next st, miss next 3 sts, in next st ((dtr cluster, 3 ch) twice, dtr cluster), miss next 3 sts) 6 times, dc in next 25 sts. *

Repeat from * to * twice, omit last dc.

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

Flip 7ch to back of work.

Stitch count: per repeat: 62 dc, 13 groups of 3 dtr clusters and 2 x 3 ch spaces each.

32. Join with a standing dc in last dc before any 7 ch space,
*9 dc in 7 ch space, catching 5th dc through 2 ch space *R27*, dc in next 25 sts,
(*fpdc* around next cluster, 3 dc in next 3 ch space) twice,
fpdc around next cluster, dc in next st) 13 times, dc in next 24 sts. *

Repeat from * to * twice, omit last dc.

Join to standing dc with a sl-st.

Stitch count: per repeat: 149 dc, 39 *fpdc*.

33. 1 ch and dc in same st, dc in next 32 sts,
*(dc3tog over next 3 sts, dc in next 3 sts, 3 dc in next st, dc in next 3 sts) 13 times,
dc3tog over next 3 sts, dc in next 55 sts. *

Repeat from * to * twice, omit last 33 dc.

Join to 1st dc with a sl-st.

Stitch count: per repeat: 172 dc, 14 dc3tog.

34. 1 ch and dc in same st, dc in next 31 sts,
*(dc3tog over next 3 sts, dc in next 3 sts, 3 dc in next st, dc in next 3 sts) 13 times,
dc3tog over next 3 sts, dc in next 53 sts. *

Repeat from * to * twice, omit last 32 dc.

Join to 1st dc, fasten off, and secure ends.

Stitch count: per repeat: 170 dc, 14 dc3tog.

*Place stitch markers as follows: 1st marker R34 in line with dc catching through R27, this will also be in line with 2nd dc 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 dc in 22nd st after marked st R34 [*do not include marked st in count*], htr in next st, tr in next 2 sts, dtr in next 3 sts, tr in next 2 sts, htr in next st,
(dc in next st, htr in next st, tr in next 2 sts, dtr3tog over next 3 sts, tr in next 2 sts, htr in next st) twice,
dc in next st, htr in next st, tr in next 2 sts, dtr in next 3 sts, tr in next 2 sts, htr in next st, dc in next st,

Short side: (htr in next st, tr in next 2 sts, dtr3tog over next 3 sts, tr in next 2 sts, htr in next st, dc in next st) 6 times,

Long side: htr in next st, tr in next 2 sts, dtr in next 3 sts, tr in next 2 sts, htr in next st, (dc in next st, htr in next st, tr in next 2 sts, dtr3tog over next 3 sts, tr in next 2 sts, htr in next st) twice,
dc in next st, htr in next st, tr in next 2 sts, dtr in next 3 sts, tr in next 2 sts, htr in next st, dc in next st, *cut yarn, and fasten off.* *
Hint: you will have 21 sts left before marker.

Repeat from * to * twice.

Stitch count: long side: 9 dc, 16 htr, 32 tr, 12 dtr, 4 dtr3tog.

Short side: 6 dc, 12 htr, 24 tr, 6 dtr3tog.

36. ***Long side:** Join with a standing dc in 20th st after marked st R34, htr in next st, dc in next 3 sts, htr in next 7 sts, tr in next 14 sts, dtr in next 7 sts,

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

Long side: dtr in next 7 sts, tr in next 14 sts, htr in next 7 sts, dc in next 3 sts, htr in next st R34, dc in next st, *cut yarn, and fasten off.* *

Repeat from * to * twice.

Stitch count: Long side: 8 dc, 16 htr, 28 tr, 14 dtr.

Short side: 49 dc, 2 htr, 4 tr, 8 dtr.

37. ***Long side:** Join with a standing dc in 18th st after marked st **R34** [*do not include marked st in count*], htr in next st, dc in next 3 sts, 2 ch, miss next 2 sts, dc in next 2 sts (2 ch, miss next 2 sts, htr in next 2 sts) twice, (2 ch, miss next 2 sts, tr in next 2 sts) 4 times, 2 ch, miss next 2 sts,

Short side: in marked st (2 tr, htr) [*place marker in 1st tr*], (1 ch, miss next st, dc in next st) 30 times, 1 ch, miss next st, in marked st (htr, 2 tr) [*place marker in 2nd tr*],

Long side: (2 ch, miss next 2 sts, tr in next 2 sts) 4 times (2 ch, miss next 2 sts, htr in next 2 sts) twice, (2 ch, miss next 2 sts, dc in next 2 sts) twice, dc in next st, htr in next st **R34**, dc in next st, *cut yarn, and fasten off.* *

Repeat from * to * twice.

Stitch count: Long side: 12 dc, 10 htr, 16 tr.

Short side: 30 dc, 2 htr, 4 tr, 31 x 1 ch spaces.

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

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

Short side: in marked st (2 htr, dc) [*place marker in 1st htr*], dc in next st, (1 ch, miss next st, dc in next 1 ch space) 31 times, 1ch, miss next st, dc in next st, in marked st (dc, 2 htr) [*place marker in 2nd htr*],

Long side: (dtr in next 2 missed sts **R36**, htr in next 2 sts) 3 times, dtr in next 2 missed sts **R36**, (dc in next 2 sts, tr in next 2 missed sts **R36**) twice, (dc in next 2 sts, htr in next 2 missed sts **R36**) twice, dc in next 5 sts, htr in next st **R34**, dc in next st, *cut yarn, and fasten off.* *

Repeat from * to * twice.

Stitch count: Long side: 28 dc, 22 htr, 8 tr, 16 dtr.

Short side: 35 dc, 32 x 1 ch spaces.

39. * **Long side:** Join with a standing dc in 14th st after marked st R34 [*do not include marked st in count*], htr in next st, dc in next 3 sts,
(2 ch, miss next 2 sts, dc in next 2 sts) twice,
(2 ch, miss next 2 sts, htr in next 2 sts) twice,
(2 ch, miss next 2 sts, tr in next 2 sts) 4 times, 2 ch, miss next 2 sts,

Short side: in marked st (2 tr, htr) [*place marker in 1st tr*],
1 ch, miss next st, dc in next st,
(1 ch, miss next st, dc in next 1 ch space) 32 times, 1 ch, miss next st, dc in next st, 1 ch,
miss next st,
in marked st (htr, 2 tr) [*place marker in 2nd tr*],

Long side: (2 ch, miss next 2 sts, tr in next 2 sts) 4 times,
(2 ch, miss next 2 sts, htr in next 2 sts) twice,
(2 ch, miss next 2 sts, dc in next 2 sts) 3 times, dc in next st, htr in next st R34, dc in next
st, *cut yarn, and fasten off.* *

Repeat from * to * twice.

Stitch count: Long side: 16 dc, 8 htr, 16 tr, 18 x 2 ch spaces.

Short side: 34 dc, 2 htr, 4 tr, 35 x 1 ch spaces.

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

Short side: in marked st (2 htr, dc) [*place marker in 1st htr*], dc in next st,
(1 ch, miss next st, dc in next 1 ch space) 35 times, 1ch, miss next st, dc in next st,
in marked st (dc, 2 htr) [*place marker in 2nd htr*],

Long side: (dtr in next 2 missed sts R38, htr in next 2 sts) 3 times, dtr in next 2 missed
sts R38,
(dc in next 2 sts, tr in next 2 missed sts R38) 3 times,
(dc in next 2 sts, htr in next 2 missed sts R38) twice,
dc in next 5 sts, htr in next st R34, dc in next st, *cut yarn, and fasten off.* *

Repeat from * to * twice.

Stitch count: Long side: 32 dc, 20 htr, 12 tr, 16 dtr.

Short side: 39 dc, 4 htr, 36 x 1 ch spaces.

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

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

Long side: dtr in next 8 sts, tr in next 6 sts, htr in next 4 sts, dc in next 23 sts, htr in next st R34, dc in next st, **cut yarn, and fasten off.** *

Repeat from * to * twice.

Stitch count: Long side: 48 dc, 10 htr, 12 tr, 16 dtr.

Short side: 73 dc, 4 htr, 4 tr, 6 dtr.

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

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

Long side: dtr in next 11 sts, tr in next 12 sts, htr in next 10 sts, dc in next 10 sts, htr in next st R34, dc in next st, **cut yarn, and fasten off.** *

Repeat from * to * twice.

Stitch count: Long side: 22 dc, 20 htr, 24 tr, 22 dtr.

Short side: 83 htr, 6 tr, 6 dtr.

End part 2