Crochet Circle and Sphere Increase Chart

Round-by-round stitch counts for a flat circle and a classic amigurumi ball, plus the rule that lets you make any size.

Flat circle in single crochet

Rnd	Instruction	Count
1	6 sc in magic ring	[6]
2	inc × 6	[12]
3	(sc, inc) × 6	[18]
4	(2 sc, inc) × 6	[24]
5	(3 sc, inc) × 6	[30]
6	(4 sc, inc) × 6	[36]
7	(5 sc, inc) × 6	[42]
8	(6 sc, inc) × 6	[48]
9	(7 sc, inc) × 6	[54]
10	(8 sc, inc) × 6	[60]
11	(9 sc, inc) × 6	[66]
12	(10 sc, inc) × 6	[72]

Each round adds 6 stitches. Ruffling means too many stitches; cupping means too few or very tight tension.

Sphere (6 → 36 → 6)

Rnd	Instruction	Count
1	6 sc in magic ring	6
2	inc × 6	12
3	(sc, inc) × 6	18
4	(2 sc, inc) × 6	24
5	(3 sc, inc) × 6	30
6	(4 sc, inc) × 6	36
7–12	sc in each st around (6 rounds)	36
13	(4 sc, dec) × 6	30
14	(3 sc, dec) × 6	24
15	(2 sc, dec) × 6	18
16	(sc, dec) × 6	12
17	dec × 6	6

Stuff before the last two rounds become too small to reach inside. Close by weaving the tail through the front loops of the last round.

The rule behind the numbers

- Round *n* of a 6-stitch flat circle has **6 × n** stitches.
- In each round, work **(n – 2) sc** between increases.
- Decrease rounds mirror the increase rounds: **(n sc, dec)** instead of **(n sc, inc)**.

- Want a bigger or smaller ball? Stop increasing at a different count, work about as many even rounds as you had increase rounds, then decrease.
- Stagger increases (start a round with half the plain stitches) to avoid a hexagon shape.
- Keep a marker in the first stitch of every round.

US terms. sc = single crochet; inc = 2 sc in one stitch; dec = sc2tog or invisible decrease. Calculator: www.forfunly.com/tools/crochet-increase-calculator

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