Blood cells plush set

US terms



Finished size
The red cell 3 1/8 in (7.9 cm) across, the white cell 3 in (7.6 cm) tall and each platelet 2¼ in (5.7 cm) from arm to arm

Skill
Intermediate
21 pieces worked in rounds, with nothing to sew.

Yarn
Light (3), 6 colors

Hook
2.75 mm (US C-2)

Gauge
24 stitches and 26.4 rounds to 4 in (10 cm)
In single crochet, in a spiral.

What you need

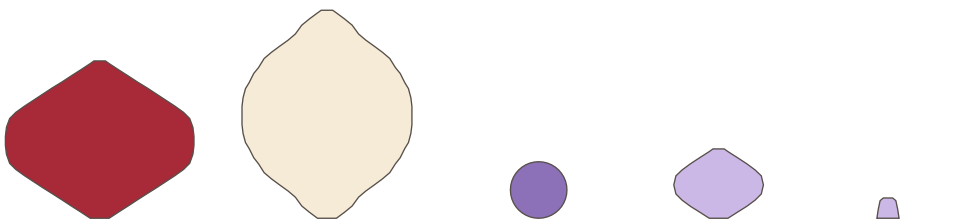
Yarn A: crimson, red cell	**about 55 yd (50 m), an estimate**
Yarn B: cream, white cell	**about 80 yd (73 m), an estimate**
Yarn C: violet, lobe	**about 10 yd (9 m), an estimate**
Yarn D: lilac, platelet and stub arm	**about 50 yd (46 m), an estimate**
Yarn E: charcoal, the details	**about 5 yd (5 m), an estimate**
Yarn F: rose, the details	**about 5 yd (5 m), an estimate**

By weight: about 80 g in all, an estimate, where 100 g is 250 yd (229 m).

Hook: 2.75 mm (US C-2), or the size that gives you the gauge. Also: toy stuffing, a yarn needle, a stitch marker, pins, scissors, a long needle (longer than 2 in (5 cm), 5 cm) and black plastic eyes with washers, two each of 8 mm and 6 mm.

To find how many balls: divide by the length on your yarn's label and round up. Buy them from one dye lot. The estimate is from the stitches of this size at this gauge, with 30 percent added.

The pieces



Red cell **White cell** **Lobe x 3** to the white cell **Platelet x 2** **Stub arm x 14**

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Gauge

24 stitches and 26.4 rounds to 4 in (10 cm) in single crochet, in a spiral.

To check it, work a flat circle: 6 sc in a magic ring, then 6 more sc in each round (12, 18, 24, 30, 36). After round 6 it should measure about 1 7/8 in (4.8 cm) across. The stitches should be tight enough that the stuffing does not show.

Use any hook that gives you this. If you count more stitches than this in 4 in (10 cm), change to a larger hook; if you count fewer, to a smaller one.

Notes

- Every piece is worked in a continuous spiral with the right side facing you: do not join and do not turn. Put the marker in the first stitch of each round and move it up.
- Square brackets hold a repeat; work it as many times as the line says. The number in parentheses is the count at the end of the round.
- Magic ring: wrap the yarn round two fingers, work round 1 into the loop and pull the tail to close it. Or chain 2 and work round 1 into the first chain.
- Center line: places on a piece are given by round and by stitches from a center line. It is half way round from where the rounds begin. Mark it with a pin or a scrap of yarn as listed here, run it straight from round 1 to the last round by eye, and count out from it along the round, in stitches and half stitches.
- White cell: the center line runs between stitches 27 and 28 of round 12 (54 sts). It faces the front, round 1 at the bottom.
- Red cell: the center line runs between stitches 30 and 31 of round 10 (60 sts). This piece lies with its center line along the top.
- Platelet: the center line runs between stitches 15 and 16 of round 5 (30 sts). This piece lies with its center line along the top, round 1 at the front end.
- Right and left are as you look at the front of the cell. Rounds are counted from the start of each piece.
- In every step of putting it together: where a piece meets or overlaps another, sew through both. Where no tail is left or a tail is too short, sew with a new length of the yarn of the piece you are putting on.
- To work sc2tog, put the hook under the front loop only of each of the next 2 stitches, yarn over, pull through both loops, yarn over, pull through 2 loops.
- For a child under three, or a pet, embroider the eyes instead: satin stitch dots of the same size in E (charcoal).
- The rounds and stitches are the same for every size; the yarn and the hook make the difference. Lengths in the words (tails, details) are for Standard, the size written here: for another size multiply them by the number in its line.
- Large: medium (4, worsted) yarn, 3.5 mm (E-4) hook, 20 sc and 22 rounds to 4 in (10 cm): the red cell 3¾ in (9.5 cm) across, the white cell 3½ in (8.9 cm) tall and each platelet 2 5/8 in (6.7 cm) from arm to arm; eyes 7, 10 mm; multiply lengths by 1.2; about 1.2 times the yarn.
- Jumbo: super bulky (6, plush or velvet) yarn, 6.5 mm (K-10½) hook, 11 sc and 12.1 rounds to 4 in (10 cm): the red cell 6¾ in (17 cm) across, the white cell 6½ in (16.5 cm) tall and each platelet 4¾ in (12 cm) from arm to arm; eyes 13, 17 mm; multiply lengths by 2.2; about 2.2 times the yarn.

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Instructions

US terms.

sc single crochet (UK double crochet), **MR** magic ring, **Rnd** round, **st** stitch.
sc2tog 2 sc made into one, **yo** yarn over the hook, **RS** right side, the one that shows.
2 sc in next st: both in one stitch. **sc in next 2 sts**: one in each.
[ ] 6 times: work what is inside 6 times in all.
(6 sc): the stitches you have when the round is done. **How to read a pattern**.

Special stitches

bobble: [yarn over, insert hook in the stitch, pull up a loop, yarn over, pull through 2 loops] 4 times in the same stitch, yarn over, pull through all 5 loops (United Kingdom: a bobble of 4 trebles). Push it out to the right side.

Red cell

Yarn A, crimson.

Round 1 is the middle of the side with the face. The center line runs from it straight up to the rim and over it.

☐ **Foundation**	Make a magic ring.	
☐ **Rnd 1 (RS)**	6 sc in MR. Pull the tail to close the ring.	(6 sc)
☐ **Rnd 2**	2 sc in each st around	(12 sc)
☐ **Rnd 3**	**[**sc in next st, 2 sc in next st**] 6 times**	(18 sc)
☐ **Rnd 4**	**[**2 sc in next st, sc in next 2 sts**] 6 times**	(24 sc)
☐ **Rnd 5**	**[**sc in next 3 sts, 2 sc in next st**] 6 times**	(30 sc)
☐ **Rnd 6**	**[**sc in next 2 sts, 2 sc in next st, sc in next 2 sts**] 6 times**	(36 sc)
☐ **Rnd 7**	**[**2 sc in next st, sc in next 5 sts**] 6 times**	(42 sc)
☐ **Rnd 8**	**[**sc in next 6 sts, 2 sc in next st**] 6 times**	(48 sc)
☐ **Rnd 9**	**[**sc in next 3 sts, 2 sc in next st, sc in next 4 sts**] 6 times**	(54 sc)
☐ **Rnd 10**	**[**2 sc in next st, sc in next 8 sts**] 6 times**	(60 sc)

Mark the center line now: a pin or a scrap of yarn between stitches 30 and 31 of round 10. This piece lies with its center line along the top.

☐ **Rnds 11 to 15**	Sc in each st around	(60 sc)
	11 12 13 14 15	
☐ **Rnd 16**	**[**sc in next 8 sts, sc2tog**] 6 times**	(54 sc)
☐ **Rnd 17**	**[**sc in next 3 sts, sc2tog, sc in next 4 sts**] 6 times**	(48 sc)
☐ **Rnd 18**	**[**sc2tog, sc in next 6 sts**] 6 times**	(42 sc)
☐ **Rnd 19**	**[**sc in next 5 sts, sc2tog**] 6 times**	(36 sc)
☐ **Rnd 20**	**[**sc in next 2 sts, sc2tog, sc in next 2 sts**] 6 times**	(30 sc)
☐ **Rnd 21**	**[**sc2tog, sc in next 3 sts**] 6 times**	(24 sc)

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Fix the eyes now: two 8 mm black plastic eyes on the red cell on round 5, one to each side, 4 stitches from the center line (8 stitches apart); two 8 mm black plastic eyes on the white cell on round 18, one to each side, 4 stitches from the center line (8 stitches apart); and two 6 mm black plastic eyes on each platelet on round 3, one to each side, 3 stitches from the center line (6 stitches apart). For a child under three, or a pet, leave them out and embroider them later. Then stuff: the rim firmly, the middle only lightly. Keep adding stuffing until the last round.

☐ **Rnd 22**	**[**sc in next 2 sts, sc2tog**] 6 times**	(18 sc)
☐ **Rnd 23**	**[**sc in next st, sc2tog**] 6 times**	(12 sc)
☐ **Rnd 24**	**[**sc2tog**] 6 times**	(6 sc)
☐ **End**	Fasten off, leaving an 8 in (20 cm) tail. Thread the tail through the front loop of each of the last 6 stitches, pull it tight to close the hole and bury the end inside. Dimples: thread a long needle with 24 in (61 cm) of A (crimson), doubled, and fasten it in the closed hole. Take it straight through the cell and out in the middle of round 1, then back through, ¼ in (6 mm) beside the first line, to the closed hole. Pull until the two middles are about ½ in (13 mm) apart; the rim stays about 1¼ in (32 mm) thick. Go through once more the same way, knot the thread at the closed hole and bury the ends.	

White cell

Yarn B, cream.

☐ **Foundation**	Make a magic ring.	
☐ **Rnd 1 (RS)**	6 sc in MR. Pull the tail to close the ring.	(6 sc)
☐ **Rnd 2**	2 sc in each st around	(12 sc)
☐ **Rnd 3**	**[**sc in next st, 2 sc in next st**] 6 times**	(18 sc)
☐ **Rnd 4**	Sc in each st around	(18 sc)
☐ **Rnd 5**	**[**2 sc in next st, sc in next 2 sts**] 6 times**	(24 sc)
☐ **Rnd 6**	**[**sc in next 3 sts, 2 sc in next st**] 6 times**	(30 sc)
☐ **Rnd 7**	**[**sc in next 2 sts, 2 sc in next st, sc in next 2 sts**] 6 times**	(36 sc)
☐ **Rnd 8**	**[**2 sc in next st, sc in next 5 sts**] 6 times**	(42 sc)
☐ **Rnd 9**	**[**sc in next st, bobble in next st**] 2 times**, sc in next 24 sts, **[**sc in next st, bobble in next st**] 7 times**	(42 sts)
☐ **Rnd 10**	**[**sc in next 6 sts, 2 sc in next st**] 6 times**	(48 sc)
☐ **Rnd 11**	**[**bobble in next st, sc in next st**] 3 times**, sc in next 26 sts, **[**bobble in next st, sc in next st**] 8 times**	(48 sts)
☐ **Rnd 12**	**[**sc in next 3 sts, 2 sc in next st, sc in next 4 sts**] 6 times**	(54 sc)

Mark the center line now: a pin or a scrap of yarn between stitches 27 and 28 of round 12. It faces the front, round 1 at the bottom.

☐ **Rnd 13**	**[**sc in next st, bobble in next st**] 4 times**, sc in next 28 sts, **[**sc in next st, bobble in next st**] 9 times**	(54 sts)
☐ **Rnd 14**	Sc in each st around	(54 sc)

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☐ **Rnd 15**	**[**bobble in next st, sc in next st**] 4 times**, sc in next 28 sts, **[**bobble in next st, sc in next st**] 9 times**	(54 sts)
☐ **Rnd 16**	Sc in each st around	(54 sc)
☐ **Rnd 17**	**[**sc in next st, bobble in next st**] 5 times**, sc in next 28 sts, **[**sc in next st, bobble in next st**] 8 times**	(54 sts)
☐ **Rnd 18**	Sc in each st around	(54 sc)
☐ **Rnd 19**	**[**sc2tog, sc in next 7 sts**] 6 times**	(48 sc)
☐ **Rnd 20**	**[**bobble in next st, sc in next st**] 4 times**, sc in next 26 sts, **[**bobble in next st, sc in next st**] 7 times**	(48 sts)
☐ **Rnd 21**	**[**sc in next 6 sts, sc2tog**] 6 times**	(42 sc)
☐ **Rnd 22**	**[**sc in next st, bobble in next st**] 21 times**	(42 sts)
☐ **Rnd 23**	**[**sc in next 2 sts, sc2tog, sc in next 3 sts**] 6 times**	(36 sc)
☐ **Rnd 24**	**[**sc2tog, sc in next 4 sts**] 6 times**	(30 sc)
☐ **Rnd 25**	**[**sc in next 3 sts, sc2tog**] 6 times**	(24 sc)

Fix the eyes now: two 8 mm black plastic eyes on the red cell on round 5, one to each side, 4 stitches from the center line (8 stitches apart); two 8 mm black plastic eyes on the white cell on round 18, one to each side, 4 stitches from the center line (8 stitches apart); and two 6 mm black plastic eyes on each platelet on round 3, one to each side, 3 stitches from the center line (6 stitches apart). For a child under three, or a pet, leave them out and embroider them later. Then stuff firmly, and keep adding stuffing until the last round.

☐ **Rnd 26**	**[**sc in next st, sc2tog, sc in next st**] 6 times**	(18 sc)
☐ **Rnd 27**	**[**bobble in next st, sc in next st**] 9 times**	(18 sts)
☐ **Rnd 28**	**[**sc2tog, sc in next st**] 6 times**	(12 sc)
☐ **Rnd 29**	**[**sc2tog**] 6 times**	(6 sc)
☐ **End**	Fasten off, leaving an 8 in (20 cm) tail. Thread the tail through the front loop of each of the last 6 stitches, pull it tight to close the hole and bury the end inside.	

Lobe: make 3

Yarn C, violet.

☐ **Foundation**	Make a magic ring.	
☐ **Rnd 1 (RS)**	6 sc in MR. Pull the tail to close the ring.	(6 sc)
☐ **Rnd 2**	2 sc in each st around	(12 sc)
☐ **Rnd 3**	**[**sc in next st, 2 sc in next st**] 6 times**	(18 sc)
☐ **End**	Fasten off, leaving a 14 in (36 cm) tail for sewing. Do not stuff. Press it flat with the right side up.	

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Platelet: make 2

Yarn D, lilac.

Round 1 is the middle of the side with the face. The center line runs from it straight up.

☐ **Foundation**	Make a magic ring.	
☐ **Rnd 1 (RS)**	6 sc in MR. Pull the tail to close the ring.	(6 sc)
☐ **Rnd 2**	2 sc in each st around	(12 sc)
☐ **Rnd 3**	**[**sc in next st, 2 sc in next st**] 6 times**	(18 sc)
☐ **Rnd 4**	**[**2 sc in next st, sc in next 2 sts**] 6 times**	(24 sc)
☐ **Rnd 5**	**[**sc in next 3 sts, 2 sc in next st**] 6 times**	(30 sc)

Mark the center line now: a pin or a scrap of yarn between stitches 15 and 16 of round 5. This piece lies with its center line along the top, round 1 at the front end.

☐ **Rnds 6 to 7**	Sc in each st around	(30 sc)

6 7

☐ **Rnd 8**	**[**sc in next st, sc2tog, sc in next 2 sts**] 6 times**	(24 sc)

Fix the eyes now: two 8 mm black plastic eyes on the red cell on round 5, one to each side, 4 stitches from the center line (8 stitches apart); two 8 mm black plastic eyes on the white cell on round 18, one to each side, 4 stitches from the center line (8 stitches apart); and two 6 mm black plastic eyes on each platelet on round 3, one to each side, 3 stitches from the center line (6 stitches apart). For a child under three, or a pet, leave them out and embroider them later. Then stuff firmly, and keep adding stuffing until the last round.

☐ **Rnd 9**	**[**sc2tog, sc in next 2 sts**] 6 times**	(18 sc)
☐ **Rnd 10**	**[**sc in next st, sc2tog**] 6 times**	(12 sc)
☐ **Rnd 11**	**[**sc2tog**] 6 times**	(6 sc)
☐ **End**	Fasten off, leaving an 8 in (20 cm) tail. Thread the tail through the front loop of each of the last 6 stitches, pull it tight to close the hole and bury the end inside. Press the stuffed piece a little flatter from front to back: about 1 5/8 in (4.1 cm) across and 13/16 in (21 mm) thick.	

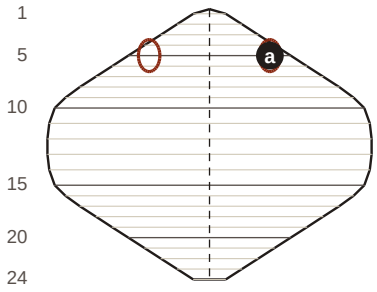
Stub arm: make 14

Yarn D, lilac.

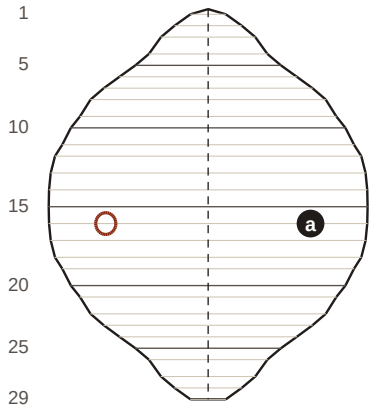
☐ **Foundation**	Make a magic ring.	
☐ **Rnd 1 (RS)**	5 sc in MR. Pull the tail to close the ring.	(5 sc)
☐ **Rnd 2**	Sc in next st, 2 sc in next st, sc in next 2 sts, 2 sc in next st	(7 sc)
☐ **Rnd 3**	Sc in each st around	(7 sc)
☐ **End**	Fasten off, leaving a 10 in (25 cm) tail for sewing. Stuff lightly up to the open edge.	

Assembly

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Red cell: a eyes



White cell: a cheeks

A number is the step below that puts it on; a letter is put on under Finishing. Each line is a round, counted as the rounds are worked. The upright broken line is the center line. A place with a broken edge is on the far side.

1. Set the three lobes on the white cell, right side out, one above another in a row that curves, to the right of the face (where the rounds are plain): the middle of one between rounds 13 and 14, 11 stitches to the right of the center line, and the middles of the two others on round 18 and on round 9, each 9½ stitches to the right of the center line. Pin all three; the edges of the upper and the lower one lie about ¼ in (6 mm) over the edge of the middle one. Sew down all 18 stitches of the edge of each with its tail, through the white cell, and where one lies over another through both.

2. Take the two platelets. On the first, pin the seven stub arms: six of them round the rim, the middle of each open edge on round 6, one to each side, 2½ stitches from the center line, one to each side, 7½ stitches from it, and one to each side, 12½ stitches from it (5 stitches from each to the next). The edge (7 sts) of each covers about rounds 5 to 7. They point straight out from the rim. Pin the seventh at the back: the middle of its open edge lies on round 9 (18 sts), on the line opposite the center line. It points back and down. Sew all the way round each with its tail, adding a little stuffing before the last few stitches if the edge is still soft.

3. On the second platelet, pin and sew the seven stub arms that are left in the same places. Turn each platelet so that its center line points straight up: the two lowest arms are its feet, and it leans back a little on the arm at the back. Nothing is sewn to the red cell: stand it on its rim, leaning against the white cell, or lay it flat.

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Finishing

- Put in the plastic eyes when the words of a piece say so, or embroider eyes in the same places with the other details. Embroider with one strand of yarn and the yarn needle when the pieces round the place are sewn on; begin and end each strand on the wrong side of a flat piece, inside a stuffed one. Satin stitch is straight stitches side by side until the shape is filled. Backstitch is a line of short stitches end to end: bring the needle up one stitch ahead, put it down at the end of the stitch before, and repeat.
- Eyes: two 8 mm black plastic eyes on the red cell on round 5, one to each side, 4 stitches from the center line (8 stitches apart); two 8 mm black plastic eyes on the white cell on round 18, one to each side, 4 stitches from the center line (8 stitches apart); and two 6 mm black plastic eyes on each platelet on round 3, one to each side, 3 stitches from the center line (6 stitches apart).
- Mouth of the white cell: with E (charcoal), in backstitch, a smile, one curve about 7/16 in (11 mm) wide that dips 1/8 in (3 mm) below its ends. Its two ends are on the white cell on round 16, one to each side of the center line.
- Cheeks: with F (rose), in satin stitch, an oval about ¼ in (6 mm) wide and 3/16 in (5 mm) tall, its middle on the white cell on round 16, one to each side, 6 stitches from the center line (12 stitches apart).
- Mouth of the red cell: with E (charcoal), in backstitch, a smile, one curve about 7/16 in (11 mm) wide that dips 3/16 in (5 mm) below its ends. Its two ends are on the red cell on round 3, one to each side of the line opposite the center line.
- Mouth of each platelet: with E (charcoal), in backstitch, a smile, one curve about ¼ in (6 mm) wide that dips 1/8 in (3 mm) below its ends. Its two ends are on round 1, one to each side of the line opposite the center line.
- Weave every tail through the toy and trim it. For a toy that will be played with, go round each seam a second time with a new length of yarn. Check the seams and small parts from time to time.

In all: 21 pieces; 2,720 stitches (900 in the red cell, 1,026 in the white cell, 36 in each lobe, 210 in each platelet, 19 in each stub arm).

Found a mistake in this pattern? Tell us at flossfield.com, under Make a request.

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