



Free Crochet Pattern
Lion Brand® Homespun®
Math Geek Afghan
Pattern Number: L30032



If you love geometric designs, this hexagonal crochet afghan is the perfect project.

Free Crochet Pattern from Lion Brand Yarn
Lion Brand® Homespun®
Math Geek Afghan
Pattern Number: L30032

SKILL LEVEL: Easy + (Level 3)

SIZE: One Size

About 40 x 46 in. (101.5 x 117 cm)

CORRECTIONS: None as of Jun 30, 2016. To check for later updates, click [here](#).

MATERIALS

- 790-311 [Lion Brand Homespun Yarn: Rococo](#)
2 Balls (A)
- 790-386 [Lion Brand Homespun Yarn: Grape](#)
2 Balls (B) **Homespun® (Article #790). 98% Acrylic, 2% Polyester;
package size: 6.00oz/170.00 gr. (185yds/169m) pull
skeins*
- 790-375 [Lion Brand Homespun Yarn: Candy Apple](#)
2 Balls (C)
- 790-368 [Lion Brand Homespun Yarn: Montana Sky](#)
2 Balls (D)
- [Lion Brand Crochet Hook - Size K-10.5 \(6.5 mm\)](#)
- [Lion Brand Large-Eye Blunt Needles \(Set of 6\)](#)

GAUGE:

One Hexagon measures about 10 in. (25.5 cm) across.

When you match the gauge in a pattern, your project will be the size specified in the pattern and the materials specified in the pattern will be sufficient. The needle or hook size called for in the pattern is based on what the designer used, but it is not unusual for gauge to vary from person to person. If it takes you fewer stitches and rows to make your swatch, try using a smaller size hook or needles; if more stitches and rows, try a larger size hook or needles.

[Making a Gauge Swatch](#)

NOTES:

1. Afghan is made from 18 Hexagons and 4 Half Hexagons.
2. Hexagons are worked in joined rnds with RS facing at all times, changing color every other rnd.
3. Half Hexagons are worked back and forth in rows, changing color every other row.
4. Hexagons and Half Hexagons are arranged as shown in Assembly Diagram, then crocheted together. Border is worked around outer edge of Afghan.



HEXAGON #1 (make 8)

With C, ch 4; join with sl st in first ch to form a ring.

Rnd 1 (RS): Ch 5 (counts as dc + ch 2 in this rnd and in all following rnds), (3 dc in ring, ch 2) 5 times, 2 dc in ring; join with sl st in 3rd ch of beg ch – 18 dc and 6 ch-2 sps at the end of this rnd.

Rnd 2: (Sl st, ch 5, dc) in first ch-sp, *dc in next 3 dc, (dc, ch 2, dc) in next ch-2 sp; rep from * 4 more times, dc in last 3 dc; join with sl st in 3rd ch of ch – 30 dc and 6 ch-2 sps. Fasten off.

Rnd 3: With RS facing, join A with sl st in any ch-2 sp, ch 5, dc in same ch-sp, *dc in each dc to next ch-2 sp, (dc, ch 2, dc) in next ch-2 sp; rep from * 4 more times, dc in each dc to end of rnd; join with sl st in 3rd ch of beg ch – 42 dc and 6 ch-2 sps.

Rnd 4: (Sl st, ch 5, dc) in first ch-sp, *dc in each dc to next ch-2 sp, (dc, ch 2, dc) in next ch-2 sp; rep from * 4 more times, dc in each dc to end of rnd; join with sl st in 3rd ch of beg ch – 54 dc and 6 ch-2 sps. Fasten off.

Rnds 5 and 6: With B, rep Rnds 3 and 4 – 78 dc and 6 ch-2 sps at the end of Rnd 6. Fasten off.

HEXAGON #2 (make 5)

Make same as Hexagon #1, working in the following color sequence: work Rnds 1 and 2 with A, work Rnds 3 and 4 with B, work Rnds 5 and 6 with C.

HEXAGON #3 (make 5)

Make same as Hexagon #1, working in the following color sequence: work Rnds 1 and 2 with B, work Rnds 3 and 4 with C, work Rnds 5 and 6 with A.

HALF HEXAGON #1 (make 2)

With A, ch 3; join with sl st in first ch to form a ring.

Row 1 (RS): Ch 3 (counts as dc in this row and in all following rows), 2 dc in ring, (ch 2, 3 dc in ring) 2 times – 9 dc and 2 ch-2 sps at the end of this row.

Row 2: Ch 3, turn, dc in first dc (increase made), dc in next 2 dc, *(dc, ch 2, dc) in next ch-2 sp, dc in next 3 dc; rep from * once more, dc once more in last dc (increase made) – 15 dc and 2 ch-2 sps at the end of this row. Fasten off.

Row 3: With RS facing, join B with sl st in first dc, ch 3, dc in same st as join, *dc in each dc to next ch-2 sp, (dc, ch 2, dc) in next ch-2 sp; rep from * once more, dc in each dc to turning ch, 2 dc in top of turning ch – 21 dc and 2 ch-2 sps at the end of this row.

Row 4: Ch 3, turn, dc in same st as join, *dc in each dc to next ch-2 sp, (dc, ch 2, dc) in next ch-2 sp; rep from * once more, dc in each dc to turning ch, 2 dc in top of turning ch – 27 dc and 2 ch-2 sps at the end of this row. Fasten off.

Rows 5 and 6: With C, rep Rows 3 and 4 – 39 dc and 2 ch-2 sps. Fasten off.

HALF HEXAGON #2 (make 2)

Make same as Half Hexagon #1, working in the following color sequence: work Rows 1 and 2 with B, work Rows 3 and 4 with C, work Rows 5 and 6 with A.

FINISHING

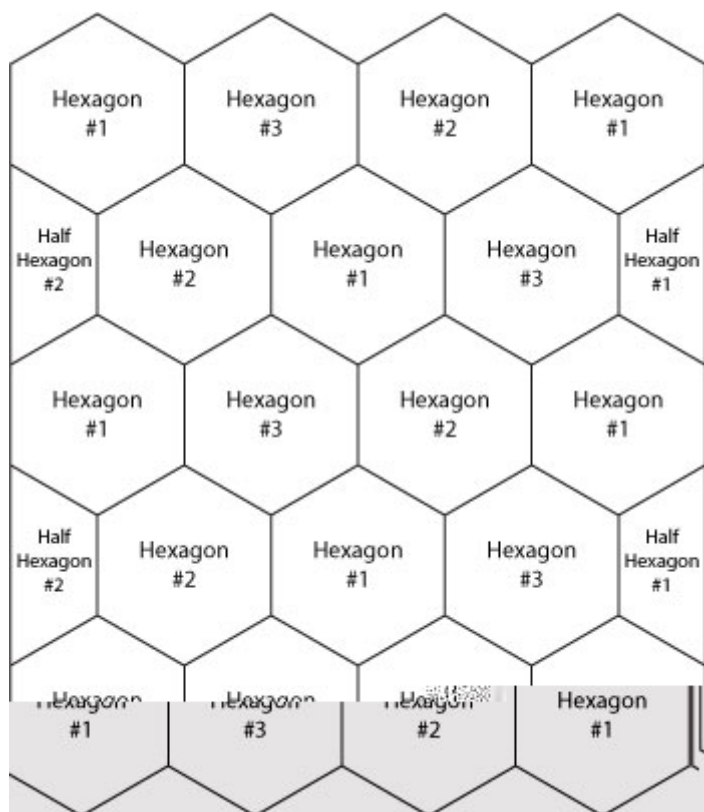
Arrange Hexagons and Half Hexagons as shown in Assembly Diagram.

From WS, join D with sl st at edge between 2 pieces. Working through edges of both pieces, sc across to join pieces. Join remaining pieces in the same way.

Border

Rnd 1: With RS facing, join D with sc anywhere in outer edge of Afghan, sc evenly spaced around entire outer edge; join with sl st in first sc.

Fasten off. Weave in ends.



ABBREVIATIONS / REFERENCES

Click for explanation and illustration

<u>beg = begin(s)(ning)</u>	<u>ch(s) = chain(s)</u>
<u>ch-space = space previously made</u>	<u>dc = double crochet</u>
<u>rep = repeat(s)(ing)</u>	<u>rnd(s) = round(s)</u>
<u>RS = right side</u>	<u>sc = single crochet</u>
<u>sl st = slip stitch</u>	<u>sp(s) = space(s)</u>
<u>st(s) = stitch(es)</u>	<u>WS = wrong side</u>

Learn to crochet instructions: <http://www.lionbrand.com/learn/how-to-crochet>

Every effort has been made to have the knitting and crochet instructions accurate and complete. We cannot be responsible for variance of individual knitters and crocheters, human errors, or typographical mistakes.

We want your project to be a success! If you need help with this or any other Lion Brand pattern, e-mail support is available 7 days per week. Just click he