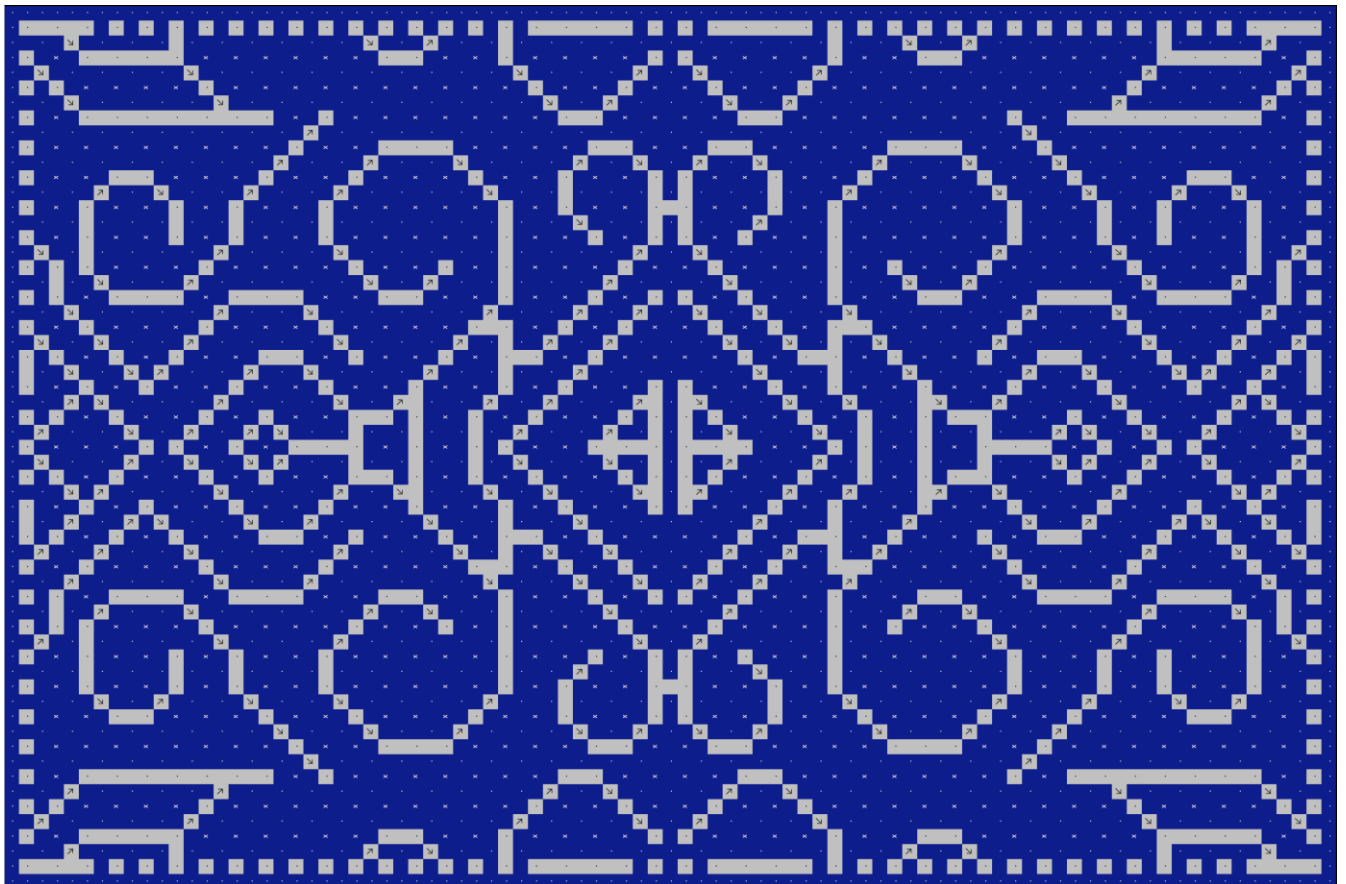




Tutorial Interlocking/Interwoven Crochet technique, Solid squares and slanted lines, rectangle from the center out Placemat







Video tutorial

If you haven't done this type of crochet before, learn the basic technique first. You can find this on my website (<https://www.thecraftteacher.com>). I have written tutorials with lots of photos there, and I have accompanying videos on my YouTube channel: <https://www.youtube.com/c/TheCraftteacher>. I recommend this page to get you started: <https://www.thecraftteacher.com/en/crochet/crochet-tutorials/interwoven-or-locking-crochet/interwoven-or-locking-crochet-beginners-tutorials/>.

To crochet diagonal lines, you can watch the video for this placemat tutorial, or look here for the general basic instructions for diagonal lines: <https://www.thecraftteacher.com/en/crochet/crochet-tutorials/interwoven-or-locking-crochet/interlocking-crochet-with-slanted-lines/>.

This tutorial works from bottom to top and works on both the front and back of the project. For the placemat tutorial, you will only work on the front of the work, and I am not using so-called closed structures here either, so you can skip that.

Just watch the videos so that you are already familiar with the concept of crocheting diagonal lines.

For a detailed explanation of grid lines, you can watch this video: <https://youtu.be/jwqeR1nVI3M>.

NB: IN THE BASIC INSTRUCTION VIDEO FOR THE SLANTED LINES, I USE EXTENDED DOUBLE CROCHETS TO CROCHET THE SLANTED LINES, BUT FOR THE PLACEMAT IN THIS TUTORIAL, I USE TRIPLE/TREBLE CROCHETS!

For the basics of crocheting a rectangle with open squares in the round, you can look here: <https://www.thecraftteacher.com/en/crochet/crochet-tutorials/interwoven-or-locking-crochet/interlocking-crochet-rectangles-from-the-center-out/>. Just watch the video so you are already familiar with the terminology: what is top, left, bottom, and right, where a side starts and ends, and how to read the pattern.

For this tutorial, you can find the videos here:

- . Part 1: <https://youtu.be/uvhpmnsheuU>
- . Part 2: <https://youtu.be/1UTeQPn8aGE>
- . Part 3: <https://youtu.be/tt5rflqUGVs>
- . Part 4: <https://youtu.be/11iqwoudeaq>

Use the chapters in the video to jump to the part you want to repeat. I recommend watching everything, especially the beginning where I explain the basics.



Yarn and hooks used

For this placemat as shown in the video and pictures above I used Alize Cotton Gold Solid. If you want to use other colors, choose colors with a high contrast.

To enhance the effect by working from the center, you can also choose a yarn with a long color gradient. This creates a placemat, for example, that is light in the center and darkens towards the edges, or vice versa.



The usage stated here is for 1 placemat.

You need about 56 gram of honey color (color 1): Alize Cotton Gold Honey 736.

You need about 69 gram of the dark blue (color 2): Alize Cotton Gold Navy 58. (I used color 17 for the version in the photo and the instruction video, but unfortunately, that is no longer available.)

The balls are 100 gram and have 330 meter working length. It is 55% cotton and 45% acrylic mix.

I used crochet hook 4 mm.

The size of the placemat is about 47 cm x 29 cm.

Abbreviations

- side st: side stitch
- f: front
- vf / fr: front left / right
- b: back
- {il} / {ir}: insert at the left side / right side
- [, +, en]: + is a combined stitch, at the written instructions combined with "[" en "]"
- &: subsequent stitches, without in-between chains; this is not in the instruction chart, but used in the written instructions



General instructions

NB: for a double crochet that is replaced by chains, 2 chains are used instead of 3! You can find the detailed explanation for this in the video on working in the round with a rectangle with open squares.

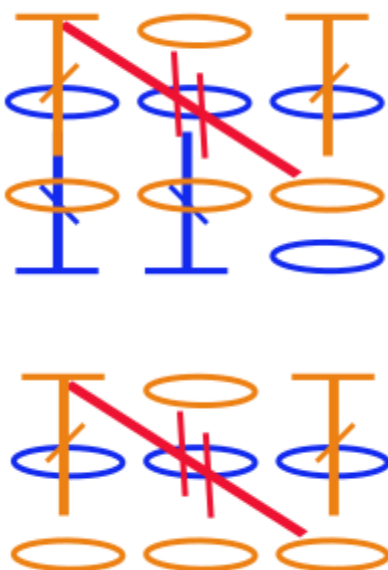
- A side stitch is 2 chain stitches when working at the beginning of a side. This also applies to the first stitch made at the top at the beginning of a new row (this is a f or a b).
- An '&' is used to indicate that the subsequent stitches are made directly next to each other, without in-between chains.
- A comma in the instructions should be read as making an in-between chain
- 5f is 5 dc's directly next to each other without in-between chains
- f 5x is 5 times 1 dc with an in-between chain, so actually 'f, f, f, f, f. Same for b 5x: b, b, b, b, b. This is 5 times back.
- fr: is a slanted line, a treble (or triple) crochet, this is positioned at the front, from left to right
- fl: is a slanted line, a treble (or triple) crochet, this is positioned at the front, from right to left
- The stitches between a '[' and a ']', where the stitches are separated by a '+', are a combined stitch. This means that the stitches are crocheted together. The diagonal lines run from grid line to grid line. See the videos for an explanation of exactly what the grid lines are.
 - [fr+b] means a treble to the right at the front joined with a double crochet at the back. The fr is worked in the same place as the preceding double crochet, the b is worked in the place where the stitch would also be worked if it were not part of a combined stitch. See further down for an image with further explanation.
 - [fr+f] means a treble to the right at the front joined with a double crochet at the front. It works the same as the [fr+b].
 - [b+fl] means a dc at the back, joined with a treble to the left at the front. The b is crocheted at the place where the stitch would also be crocheted if it were not part of a combined stitch; the fl is crocheted at the next place, skipping a stitch. See further down for a picture with further explanation. Also see further down in these general instructions for the situation where this stitch must be crocheted first at the top!
 - [f+fl] means a dc at the front, joined with a treble to the left at the front.. It works the same as the [b+fl]. Also see further down in these general instructions for the situation where this stitch must be crocheted first at the top!
 - You may also encounter situations such as [fr+b+fl] or [fr+f+fl]. This is a treble to the right combined with a back or front dc, and a treble to the left.



- `f{ir}` is a double crochet that you work on the front, but on the right side of a diagonal line of the row below. This instruction can stand on its own, but is often combined with, for example, '2f & f{ir}', which means that you first work 2 dc's directly next to each other and then the f{ir} immediately after that, so without chain stitches in between.
 - If you encounter the f{ir} at the first stitch of the top, then of course you do not need to insert the hook to the right. I have left it written that way in the instructions so that you can still check whether the 2 chains you are about to make lie on the right side of the diagonal line.
- `f{il}` is a double crochet that you work on the front, but where you work on the left side of a diagonal line of the row below. This instruction can stand on its own, but is often combined with, for example, 'f{il} & 4f', which means that you first crochet a f{il}, immediately followed by 4 double crochets directly next to each other, so without chain stitches in between.
 - If you encounter the f{il} at the first stitch of the top, then of course you don't need to insert the hook from the left. I have left it written that way in the instructions so that you can still check whether the 2 chains you are about to make lie on the left side of the diagonal line.
- At the end of a row, the instruction indicates where the other color should be placed, followed by the side stitch. Placing the yarn—meaning the loop including the yarn running to the ball(!)—must be done immediately before the side stitch. There are situations where the side stitch is combined with another stitch, or where a preceding stitch (with a diagonal line to the left) is crocheted in the same spot as the final side stitch, but you really only place the other color yarn at the very last moment, directly before you make the side stitch itself!
- `[side st+fl]` at the beginning of a left, bottom, or right side: making a combined stitch from a side stitch with a diagonal line to the left works slightly differently than combining a front or back dc with a treble, because the side stitch consists of 2 chains in the usual cases. In this case, you make 1 (!!!) chain for the side stitch, and then immediately make a standalone treble. The top of this treble, the V-shape at the top of the stitch, forms the corner. Place a marker there; that is the easiest way to recognize this as the corner for the next row!
- A `[b+fl]` or `[f+fl]` at the beginning of the top. The same applies here as to the previous explanation for the `[side st+fl]`, because here too, the first stitch is normally 2 chains. So in this situation too, you make 1 (!!!) chain for the front or back dc, and then immediately make a standalone treble. The top of this treble, the V-shape at the top of the stitch, forms the corner. Place a marker there; that is the easiest way to recognize this as the corner for the following row!
- Do you need to backstitch in color 2 while you have a very wide strip of double crochet in color 2 in the row below? And do you find it difficult to determine exactly which square of color 1 you need to work through? Then watch the tips you can use to work in the right place. I explain this in the 4th video.



The orange and red stitches are of color 1, the blue stitches of color 2. Orange means a stitch on the back of color 2, red means a stitch on the front of color 2. The open circles are stitches that lie on the back, the closed circles are stitches that lie on the front.



Explanation [fr+b] en [fr+f]

In this picture, you see 3 (orange) chain stitches from the foundation chain. Read the picture from right to left. This is a picture of row 1a, where you see row 0b shown in blue.

The first dc you see on the right is made in the right chain. This is a previous stitch. Next, you see an in-between chain. On the left, you see the [fr+b]. You can see that the red double crochet is inserted into the same chain where the previous stitch was made. The left dc is made in the usual place. This combined stitch to the right is always preceded by an in-between chain (good to know for the next row).

In the bottom image, the dc's from row 0b have been omitted to make it slightly clearer.

If you need to make a [fr+f], you essentially do the same thing, but the left dc becomes a front stitch, which would then be in red.

In this example, the stitches are made in the foundation chain. In subsequent rows, these are double crochets from the previous row in the same color you are working in.



	Explanation [b+fl] en [f+fl] In this picture, you see 3 (orange) chain stitches from the foundation chain. Read the picture from right to left. This is a picture of row 1a, where you see row 0b shown in blue. In this case, you first see the combined stitch, the [b+fl], on the right side. The first dc you see on the right is made in the right chain. This is made at the back. It is combined with the red treble made to the left. This is made in the stitch where the next stitch will be made. Next, you see an in-between chain. A combined stitch to the left is always followed by a chain stitch. The left double crochet, the next stitch, is made in the same place where the slanted stitch was inserted. In the bottom image, the double crochet stitches from row 0b have been omitted to make it slightly clearer. If you need to make a [f+fl], you essentially do the same thing, but the right double crochet becomes a front stitch, which would then be in red. In this example, the stitches are made in the foundation chain. In subsequent rows, these are double crochet stitches from the previous row in the same color you are working in.
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Written instructions

setup color 2	chain 33
setup color 1	chain 31
row 0b, color 2	right: side st & 2f, f, 5f, b 2x, f, b 2x, 5f, f, 2f & side st, color 1 to back
row 1a, color 1, slanted	top: b left: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, [b+fl], b 2x, [b+fl], b, f, b bottom: side st, b right: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, [b+fl], b 2x, [b+fl], b, f, b, side st, color 2 to back
row 1b, color 2	top: b 2x left: side st, 3f, 2f & f{ir}, 4f & f{ir}, f 3x, f{il} & 4f, f{il} & 2f, 3f bottom: side st, b 2x right: side st, 3f, 2f & f{ir}, 4f & f{ir}, f 3x, f{il} & 4f, f{il} & 2f, 3f, side st, color 1 to back
row 2a, color 1, slanted	top: b 3x left: side st, [fr+f], b 2x, [fr+b], b, [fr+b], b 2x, [fr+f], [f+fl], b 2x, [b+fl], b, [b+fl], b 2x, f bottom: side st, [fr+b], b 2x right: side st, [fr+f], b 2x, [fr+b], b, [fr+b], b 2x, [fr+f], [f+fl], b 2x, [b+fl], b, [b+fl], b 2x, [f+fl], side st, color 2 to front
row 2b, color 2	top: f{ir} , 3f, f{il} left: side st & f & f{ir}, 4f & f{ir}, 2f & f{ir}, 4f & f{ir}, f, f{il} & 4f, f{il} & 2f, f{il} & 4f, f{il} bottom: side st & f & f{ir} , 3f, f{il} right: side st & f & f{ir}, 4f & f{ir}, 2f & f{ir}, 4f & f{ir}, f, f{il} & 4f, f{il} & 2f, f{il} & 4f, f{il} & f & side st, color 1 to back
row 3a, color 1, slanted	top: *(b, f)* 2x, b left: side st, b 2x, [fr+b], b, f, b 2x, [fr+b], b 4x, [b+fl], b 2x, f, b, [b+fl], b 2x bottom: side st, *(b, f)* 2x, b right: side st, b 2x, [fr+b], b, f, b 2x, [fr+b], b 4x, [b+fl], b 2x, f, b, [b+fl], b 2x, side st, color 2 to front
row 3b, color 2	top: 3f, b 2x, 3f left: side st, 4f & f{ir}, 3f, b, 2f & f{ir}, 9f, f{il} & 2f, b, 3f, f{il} & 4f bottom: side st, 3f, b 2x, 3f right: side st, 4f & f{ir}, 3f, b, 2f & f{ir}, 9f, f{il} & 2f, b, 3f, f{il} & 4f, side st, color 1 to back
row 4a, color 1, slanted	top: b, [b+fl], b, f, b, [fr+b], b left: [side st+fl], b 4x, [fr+b], f, *(b, [fr+b])* 2x, b 2x, *([b+fl], b)* 2x, f, [b+fl], b 4x bottom: [side st+fl], b, [b+fl], b, f, b, [fr+b], b right: [side st+fl], b 4x, [fr+b], f, *(b, [fr+b])* 2x, b 2x, *([b+fl], b)* 2x, f, [b+fl], b 4x, [fr+side st], color 2 to front



row 4b, color 2	top: $\ast\{f\{il\} \& 2f\} \ast 2x, \ast(2f \& f\{ir\}) \ast 2x$ left: side st, $f\{il\} \& 7f \& f\{ir\}$, b, $\ast(2f \& f\{ir\}) \ast 2x, 5f, \ast\{f\{il\} \& 2f\} \ast 2x, b, f\{il\} \& 7f \& f\{ir\}$ bottom: side st, $\ast\{f\{il\} \& 2f\} \ast 2x, \ast(2f \& f\{ir\}) \ast 2x$ right: side st, $f\{il\} \& 7f \& f\{ir\}$, b, $\ast(2f \& f\{ir\}) \ast 2x, 5f, \ast\{f\{il\} \& 2f\} \ast 2x, b, f\{il\} \& 7f \& f\{ir\}$, side st, color 1 to back
row 5a, color 1, slanted	top: b, $[b+fl]$, b 2x, f, b 2x, $[fr+b]$, b left: $[side\ st+fl]$, b 6x, $[fr+b]$, b 2x, $[fr+b]$, b, $[fr+b]$, $[b+fl]$, b, $[b+fl]$, b 2x, $[b+fl]$, b 6x bottom: $[side\ st+fl]$, b, $[b+fl]$, b 2x, f, b 2x, $[fr+b]$, b right: $[side\ st+fl]$, b 6x, $[fr+b]$, b 2x, $[fr+b]$, b, $[fr+b]$, $[b+fl]$, b, $[b+fl]$, b 2x, $[b+fl]$, b 6x, $[fr+side\ st]$, color 2 to front
row 5b, color 2	top: $f\{il\} \& 2f, f\{il\} \& 4f, 4f \& f\{ir\}, 2f \& f\{ir\}$ left: side st, $f\{il\} \& 4f$, b, $\ast(4f \& f\{ir\}) \ast 2x, 2f \& f\{ir\}$, f, $f\{il\} \& 2f, \ast\{f\{il\} \& 4f\} \ast 2x, b, 4f \& f\{ir\}$ bottom: side st, $f\{il\} \& 2f, f\{il\} \& 4f, 4f \& f\{ir\}, 2f \& f\{ir\}$ right: side st, $f\{il\} \& 4f$, b, $\ast(4f \& f\{ir\}) \ast 2x, 2f \& f\{ir\}$, f, $f\{il\} \& 2f, \ast\{f\{il\} \& 4f\} \ast 2x, b, 4f \& f\{ir\}$, side st, color 1 to front
row 6a, color 1, slanted	top: $\ast(f, b) \ast 2x, [b+fl]$, b, $[fr+b]$, $\ast(b, f) \ast 2x$ left: side st, b 2x, $[b+fl]$, b 2x, $[fr+b]$, b, f, b 3x, $[fr+b]$, b 2x, $[b+fl]$, b 3x, f, b, $[b+fl]$, b 2x, $[fr+b]$, b 2x bottom: side st, $\ast(f, b) \ast 2x, [b+fl]$, b, $[fr+b]$, $\ast(b, f) \ast 2x$ right: side st, b 2x, $[b+fl]$, b 2x, $[fr+b]$, b, f, b 3x, $[fr+b]$, b 2x, $[b+fl]$, b 3x, f, b, $[b+fl]$, b 2x, $[fr+b]$, b 2x, side st, color 2 to front
row 6b, color 2	top: f, 3f 2x, $f\{il\} \& f \& f\{ir\}$, 3f 2x, f left: side st & 6f, $f\{il\} \& 3f \& f\{ir\}$, 3f, 6f & $f\{ir\}$, 5f, $f\{il\} \& 6f$, 3f, $f\{il\} \& 3f \& f\{ir\}$, 5f bottom: side st & 2f, 3f 2x, $f\{il\} \& f \& f\{ir\}$, 3f 2x, f right: side st & 6f, $f\{il\} \& 3f \& f\{ir\}$, 3f, 6f & $f\{ir\}$, 5f, $f\{il\} \& 6f$, 3f, $f\{il\} \& 3f \& f\{ir\}$, 6f & side st, color 1 to back
row 7a, color 1, slanted	top: b, f, b 2x, $[fr+b]$, b, $[fr+b+fl]$, b, $[b+fl]$, b 2x, f, b left: side st, b 2x, $[b+fl]$, b 5x, f, b 4x, $[fr+b]$, $[b+fl]$, b 4x, f, b 5x, $[fr+b]$, b 2x bottom: side st, b, f, b 2x, $[fr+b]$, b, $[fr+b+fl]$, b, $[b+fl]$, b 2x, f, b right: side st, b 2x, $[b+fl]$, b 5x, f, b 4x, $[fr+b]$, $[b+fl]$, b 4x, f, b 5x, $[fr+b]$, b 2x, side st, color 2 to front
row 7b, color 2	top: 3f, 4f & $f\{ir\}$, 2f & $f\{ir\}$, $f\{il\} \& 2f, f\{il\} \& 4f, 3f$ left: side st, 5f, $f\{il\} \& 10f, 5f, 2f \& f\{ir\}$, f, $f\{il\} \& 2f, 5f, 10f \& f\{ir\}$, 5f bottom: side st, 3f, 4f & $f\{ir\}$, 2f & $f\{ir\}$, $f\{il\} \& 2f, f\{il\} \& 4f, 3f$ right: side st, 5f, $f\{il\} \& 10f, 5f, 2f \& f\{ir\}$, f, $f\{il\} \& 2f, 5f, 10f \& f\{ir\}$, 5f, side st, color 1 to back
row 8a, color 1, slanted	top: $\ast(b, [fr+b]) \ast 2x, b 2x, [fr+b]$, b, $[b+fl]$, b 2x, $\ast([b+fl], b) \ast 2x$ left: side st, f, b 2x, f, b 5x, f, b, $[b+fl]$, b 2x, f 2x, b 2x, $[fr+b]$, b, f, b 5x, f, b 2x, f bottom: side st, $\ast(b, [fr+b]) \ast 2x, b 2x, [fr+b]$, b, $[b+fl]$, b 2x, $\ast([b+fl], b) \ast 2x$ right: side st, f, b 2x, f, b 5x, f, b, $[b+fl]$, b 2x, f 2x, b 2x, $[fr+b]$, b, f, b 5x, f, b 2x, f, side st, color 2 to front



row 8b, color 2	top: $*(2f \& f\{ir\})^* 2x, 4f \& f\{ir\}, 3f, f\{il\} \& 4f, *(f\{il\} \& 2f)^* 2x$ left: side st $\& 2f, 5f, 11f, 3f, f\{il\} \& 4f, b, 4f \& f\{ir\}, 3f, 11f, 5f, f$ bottom: side st $\& 3f \& f\{ir\}, 2f \& f\{ir\}, 4f \& f\{ir\}, 3f, f\{il\} \& 4f, *(f\{il\} \& 2f)^* 2x$ right: side st $\& 2f, 5f, 11f, 3f, f\{il\} \& 4f, b, 4f \& f\{ir\}, 3f, 11f, 5f, 2f \& \text{side st, color 1 to back}$
row 9a, color 1, slanted	top: $b \ 3x, [fr+b], b, [fr+b], b \ 2x, [fr+b+fl], b \ 2x, [b+fl], b, [b+fl], b \ 3x$ left: side st, $*(b \ 2x, [fr+b])^* 2x, b \ 3x, [b+fl], b \ 2x, f, b \ 2x, f \ 2x, b \ 2x, f, b \ 2x, [fr+b], b \ 3x, *([b+fl], b \ 2x)^* 2x$ bottom: side st, $b \ 3x, [fr+b], b, [fr+b], b \ 2x, [fr+b+fl], b \ 2x, [b+fl], b, [b+fl], b \ 3x$ right: side st, $*(b \ 2x, [fr+b])^* 2x, b \ 3x, [b+fl], b \ 2x, f, b \ 2x, f \ 2x, b \ 2x, f, b \ 2x, [fr+b], b \ 3x, *([b+fl], b \ 2x)^* 2x, \text{side st, color 2 to front}$
row 9b, color 2	top: $f, b, *(2f \& f\{ir\})^* 2x, 4f \& f\{ir\}, f\{il\} \& 4f, *(f\{il\} \& 2f)^* 2x, b, f$ left: side st $\& 5f \& f\{ir\}, 4f \& f\{ir\}, 7f, f\{il\} \& 4f, 5f, f, 5f, 4f \& f\{ir\}, 7f, *(f\{il\} \& 4f)^* 2x$ bottom: side st $\& 2f, b, *(2f \& f\{ir\})^* 2x, 4f \& f\{ir\}, f\{il\} \& 4f, *(f\{il\} \& 2f)^* 2x, b, f$ right: side st $\& 5f \& f\{ir\}, 4f \& f\{ir\}, 7f, f\{il\} \& 4f, 5f, f, 5f, 4f \& f\{ir\}, 7f, f\{il\} \& 4f, f\{il\} \& 5f \& \text{side st, color 1 to back}$
row 10a, color 1, slanted	top: $[b+fl], b \ 3x, f, b \ 2x, [fr+b], b \ 3x, [b+fl], b \ 2x, f, b \ 3x, [fr+b]$ left: side st, $b \ 4x, [fr+b], b \ 2x, [fr+b], b, [b+fl], b \ 4x, [fr+b], [b+fl], b \ 2x, [fr+b], [b+fl], b \ 4x, [fr+b], b, [b+fl], b \ 2x, [b+fl], b \ 4x$ bottom: side st, $[b+fl], b \ 3x, f, b \ 2x, [fr+b], b \ 3x, [b+fl], b \ 2x, f, b \ 3x, [fr+b]$ right: side st, $b \ 4x, [fr+b], b \ 2x, [fr+b], b, [b+fl], b \ 4x, [fr+b], [b+fl], b \ 2x, [fr+b], [b+fl], b \ 4x, [fr+b], b, [b+fl], b \ 2x, [b+fl], b \ 4x, \text{side st, color 2 to front}$
row 10b, color 2	top: $f, f\{il\} \& 6f, 4f \& f\{ir\}, 3f \ 2x, f\{il\} \& 4f, 6f \& f\{ir\}, f$ left: side st $\& 9f \& f\{ir\}, 4f \& f\{ir\}, b \ 2x, f\{il\} \& 7f \& f\{ir\}, b, f\{il\} \& 3f \& f\{ir\}, b, f\{il\} \& 7f \& f\{ir\}, b \ 2x, f\{il\} \& 4f, f\{il\} \& 8f$ bottom: side st $\& 2f, f\{il\} \& 6f, 4f \& f\{ir\}, 3f \ 2x, f\{il\} \& 4f, 6f \& f\{ir\}, f$ right: side st $\& 9f \& f\{ir\}, 4f \& f\{ir\}, b \ 2x, f\{il\} \& 7f \& f\{ir\}, b, f\{il\} \& 3f \& f\{ir\}, b, f\{il\} \& 7f \& f\{ir\}, b \ 2x, f\{il\} \& 4f, f\{il\} \& 9f \& \text{side st, color 1 to back}$
row 11a, color 1, slanted	top: $b, f, b \ 3x, f, *(b, [b+fl])^* 2x, *(b, [fr+b])^* 2x, b, f, b \ 3x, f, b$ left: side st, $b \ 6x, [fr+b], b \ 22x, [b+fl], b \ 6x$ bottom: side st, $b, f, b \ 3x, f, *(b, [b+fl])^* 2x, *(b, [fr+b])^* 2x, b, f, b \ 3x, f, b$ right: side st, $b \ 6x, [fr+b], b \ 22x, [b+fl], b \ 6x, \text{side st, color 2 to front}$
row 11b, color 2	top: $3f, 7f, 3f, f\{il\} \& 2f, f\{il\} \& f \& f\{ir\}, 2f \& f\{ir\}, 3f, 7f, 3f$ left: side st, $b \ 5x, 2f \& f\{ir\}, 15f, b, 9f, b, 15f, f\{il\} \& 2f, b \ 5x$ bottom: side st, $3f, 7f, 3f, f\{il\} \& 2f, f\{il\} \& f \& f\{ir\}, 2f \& f\{ir\}, 3f, 7f, 3f$ right: side st, $b \ 5x, 2f \& f\{ir\}, 15f, b, 9f, b, 15f, f\{il\} \& 2f, b \ 5x, \text{side st, color 1 to front}$
row 12a, color 1, slanted	top: $f, b \ 2x, [fr+b], *(b, [b+fl])^* 3x, b \ 3x, *([fr+b], b)^* 3x, [b+fl], b \ 2x, f$ left: side st, $b \ 3x, [b+fl], b \ 10x, [b+fl], b \ 2x, [fr+b], b \ 2x, [b+fl], b \ 2x, [fr+b], b \ 10x, [fr+b], b \ 3x$ bottom: side st, $f, b \ 2x, [fr+b], *(b, [b+fl])^* 3x, b \ 3x, *([fr+b], b)^* 3x, [b+fl], b \ 2x, f$ right: side st, $b \ 3x, [b+fl], b \ 10x, [b+fl], b \ 2x, [fr+b], b \ 2x, [b+fl], b \ 2x, [fr+b], b \ 10x, [fr+b], b \ 3x, \text{side st, color 2 to front}$



row 12b, color 2	top: f, 4f & f{ir}, b 2x, *(f{il} & 2f)* 2x, f{il} & 5f & f{ir}, *(2f & f{ir})* 2x, b 2x, f{il} & 4f, f left: side st & 8f, f{il} & 20f, f{il} & 3f & f{ir}, 5f, f{il} & 3f & f{ir}, 20f & f{ir}, 7f bottom: side st & 2f, 4f & f{ir}, b 2x, *(f{il} & 2f)* 2x, f{il} & 5f & f{ir}, *(2f & f{ir})* 2x, b 2x, f{il} & 4f, f right: side st & 8f, f{il} & 20f, f{il} & 3f & f{ir}, 5f, f{il} & 3f & f{ir}, 20f & f{ir}, 8f & side st, color 1 to back
row 13a, color 1, slanted	top: [b+fl], b 6x, *([b+fl], b)* 2x, [fr+b], b, [b+fl], *(b, [fr+b])* 2x, b 6x, [fr+b] left: side st, b 3x, [b+fl], b 10x, [b+fl], b 4x, [fr+b], [b+fl], b 4x, [fr+b], b 10x, [fr+b], b 3x bottom: side st, [b+fl], b 6x, *([b+fl], b)* 2x, [fr+b], b, [b+fl], *(b, [fr+b])* 2x, b 6x, [fr+b] right: side st, b 3x, [b+fl], b 10x, [b+fl], b 4x, [fr+b], [b+fl], b 4x, [fr+b], b 10x, [fr+b], b 3x, side st, color 2 to front
row 13b, color 2	top: f, f{il} & 10f, b, f{il} & 2f, f{il} & f & f{ir}, 3f, f{il} & f & f{ir}, 2f & f{ir}, b, 10f & f{ir}, f left: side st & 2f, b 3x, f{il} & 12f, b, 5f, f{il} & 7f & f{ir}, f, f{il} & 7f & f{ir}, 5f, b, 12f & f{ir}, b 3x, f bottom: side st & 2f, f{il} & 10f, b, f{il} & 2f, f{il} & f & f{ir}, 3f, f{il} & f & f{ir}, 2f & f{ir}, b, 10f & f{ir}, f right: side st & 2f, b 3x, f{il} & 12f, b, 5f, f{il} & 7f & f{ir}, f, f{il} & 7f & f{ir}, 5f, b, 12f & f{ir}, b 3x, 2f & side st, color 1 to back
row 14a, color 1, slanted	top: [b+fl], b 5x, [b+fl], b 2x, [b+fl], b 3x, [fr+b+fl], b 3x, [fr+b], b 2x, [fr+b], b 5x, [fr+b] left: side st, [b+fl], b 3x, f, b 5x, [b+fl], b 2x, [fr+b], b, f, b 10x, f, b, [b+fl], b 2x, [fr+b], b 5x, f, b 3x, [fr+b] bottom: side st, [b+fl], b 5x, [b+fl], b 2x, [b+fl], b 3x, [fr+b+fl], b 3x, [fr+b], b 2x, [fr+b], b 5x, [fr+b] right: side st, [b+fl], b 3x, f, b 5x, [b+fl], b 2x, [fr+b], b, f, b 10x, f, b, [b+fl], b 2x, [fr+b], b 5x, f, b 3x, [fr+b], side st, color 2 to front
row 14b, color 2	top: f, f{il}, f 5x, f{il}, f 2x, f{il}, b, f, f{ir}, f{il}, f, b, f{ir}, f 2x, f{ir}, f 5x, f{ir}, f left: side st, b 2x, f 9x, f{il}, f, f{ir}, *(f 3x, b 3x)* 2x, f 3x, f{il}, f, f{ir}, f 9x, b 2x bottom: side st, f, f{il}, f 5x, f{il}, f 2x, f{il}, b, f, f{ir}, f{il}, f, b, f{ir}, f 2x, f{ir}, f 5x, f{ir}, f right: side st, b 2x, f 9x, f{il}, f, f{ir}, *(f 3x, b 3x)* 2x, f 3x, f{il}, f, f{ir}, f 9x, b 2x, side st



Photo tutorial

Watch the videos for all the details and even more explanation! The videos are organized by chapter, so you can quickly jump to the section you want to see more of.

Setup and row 0b



setup color 2 chain 33

setup color 1 chain 31

Place a marker in the first and last stitch of the setup, and a marker in the 2 chain stitches before the end (respectively stitch 31 of color 2 and stitch 29 of color 1).

row 0b, color 2

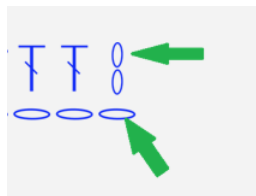
right: side st & 2f, f, 5f, b 2x, f, b 2x, 5f, f, 2f & side st, color 1 to back

Row 0b has only a right side and is made in 2 parts. First, the double crochet and chain stitches are done, temporarily ignoring the instructions for 'front' and 'back'. Then, the instructions for 'front' and 'back' are applied when weaving in the foundation chain of color 1.



side st & 2f

First we make 2 chain stitches and then a dc in the chain stitch to the left of the stitch with the pink marker, plus another double crochet in the next stitch at the purple marker.





side st & 2f, f, 5f

After the 'side st & 2f' there is a comma, so make a chain and skip a stitch of the foundation chain. Make 1 dc.

Then there is another comma, so make an in-between chain and skip another stitch of the foundation chain.

Next, make a block of 5 dc's next to each other.



side st & 2f, f, 5f, b 2x, f, b 2x, 5f, f, 2f & side st

The rest is done here. You can see that the section of b 2x, f, b 2x is now a piece of 5 dc's with chains in between, so b, b, f, b, b. The last side stitch is always just a double crochet.



Now we will apply the instructions with weaving through color 1:
side st & 2f, f, 5f, b 2x, f, b 2x, 5f, f, 2f & side st, color 1 to back

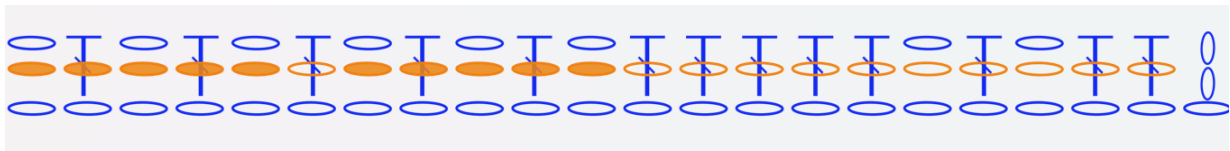
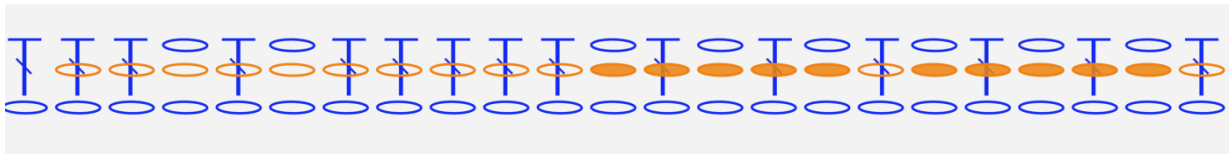
Ensure that both setups are laid out so that they lie to the left with the yarn going to the ball. Make sure the V-shapes of color 1 are facing you, so the setup must not twist while weaving through.

The instructions end with 'color 1 to back', which means that color 1 is placed on the back of the foundation of color 2 first.

The section 'side st & 2f, f, 5f' means that these stitches all lie on the front of color 1.

The 'b 2x' means that these 2 double crochets lie on the back of color 1. Therefore, bring the foundation chain of color 1 to the front just before these 2 double crochets and bring the foundation chain back after these 2 double crochets. Next follows a front double crochet, so the foundation chain of color 1 runs behind this stitch.

After that, you get 2 double crochets on the back again, and the last block consists entirely of stitches lying on the front.



Here is a representation of the stitches. The blue stitches are color 2. The open circles in orange are the chains on the back of color 2, and the solid circles are the chains on the front. Note: the second image overlaps on the left with the right side of the first image.



Here you can see the yellow marker in the last stitch of the foundation chain of color 1. This last stitch falls behind the middle double crochet of the '2f & side st'. (Apologies for the dark photo). This can also be seen in the previous image with the drawn pattern stitches.

Row 1a top and left

row 1a, color 1, slanted

top: b

left: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, [b+fl], b 2x, [b+fl], b, f, b

bottom: side st, b

right: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, [b+fl], b 2x, [b+fl], b, f, b, side st, color 2 to back

Starting from this row, the rows are divided into a top, left side, bottom, and right side.

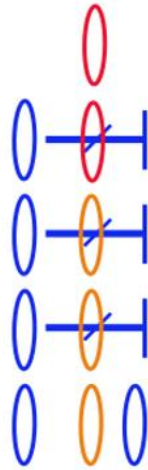


top: b

The top has only 1 stitch in this row: a back double crochet. As described in the general instructions, make 2 chains. This replaces a double crochet. In addition, this falls on the back of color 2. You cannot see that here, because the color 2 block has been folded away for a moment so you can see what is happening here.

Place the next marker in the 2nd stitch. This will become a corner.

Make sure that the v-stitches all remain pointing neatly towards you.

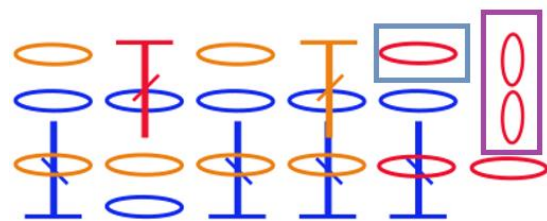


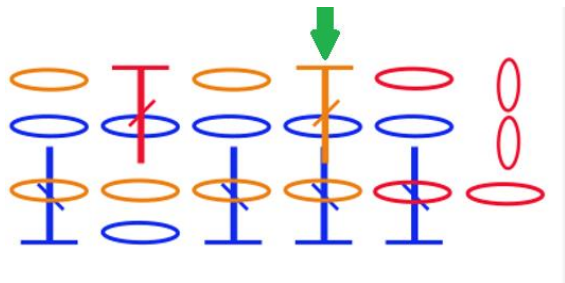
Next to this, you can see the 2 red chain stitches we made. I should have made them orange to indicate that they are on the back, but due to time constraints, I didn't adjust this or the following images.

left: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, [b+fl], b 2x, [b+fl], b, f, b



left: side st,
Next, turn the work a quarter turn and start working on the left side of the work.
Make a side stitch (2 chain stitches) and place a stitch marker in the 2nd stitch. A comma follows, so make another chain stitch.
Remember that a side stitch really is always on the side of the work!





Next comes a backstitch. This is made in the stitch of the first yellow marker. This was the last stitch of the foundation chain of color 1. Remember that this stitch falls behind the second double crochet of the block of 3 of color 2.

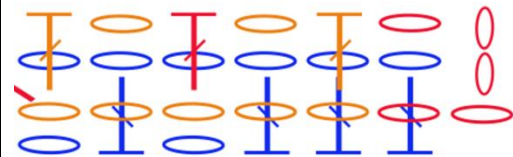
A comma follows, so you must make another chain stitch after this. I will not repeat this every time, unless I want to draw explicit attention to it.

You can see that we have now made a corner. This is an open corner.



The next stitch is a front stitch. This is made through the next open square of color 2.

The next stitch is a backstitch. This is made behind the next open square of color 2.

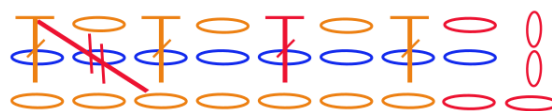




left: side st, b, f, b, [fr+b],

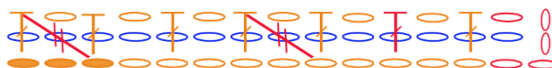
A combined stitch follows. Make a treble to the right, inserting your hook into the same chain in which you crocheted the previous stitch at the back.

The stitch at the back, which you join with the treble is crocheted into the chain 2 stitches further down. You can see this clearly in the image below.



left: side st, b, f, b, [fr+b], b 2x,

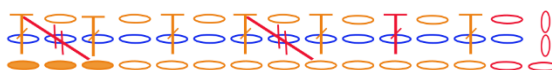
Then follow 2 stitches at the back. The second double crochet falls behind the next open space.



left: side st, b, f, b, [fr+b], b 2x, [fr+b],

Another combined stitch follows. Make a treble to the right, inserting your hook into the same chain in which you crocheted the previous stitch at the back.

The stitch at the back, which you join with the treble is crocheted into the chain 2 stitches further down. You can see this clearly in the image below, at the left side.





	left: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, Next you do 2 stitches at the front.
	left: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, [b+fl], Next follows a combined stitch with a diagonal line to the left. The diagram below shows where to insert the stitches. Remember that if you have made a stitch to the left, the grid or mesh stitch at the fl must still be made there.
	left: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, [b+fl], b 2x, The next 2 dc's are made at the back. Here you can see that the first dc is made in the same place where the fl was made. That completes the mesh.

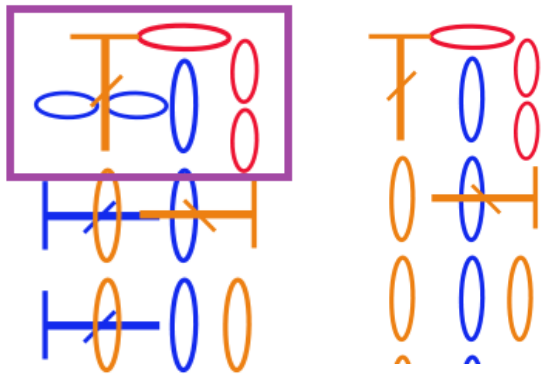


	left: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, [b+fl], b 2x, [b+fl], This is followed by another combined stitch to the left. The fl is inserted at the position of the next open square.
	left: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, [b+fl], b 2x, [b+fl], b, f, b After the combined stitch, there is one back stitch, inserted at the same place as the fl, one front stitch, made at the last open square, and another back stitch. This lies behind the 2nd stitch of the block of 3 double crochets in color 2.

Important: when a side is finished, do not make an in-between chain! It is very tempting to crochet a chain stitch after the last stitch, but do not do it. The end of a side is exactly that: the end!



Row 1a bottom and right



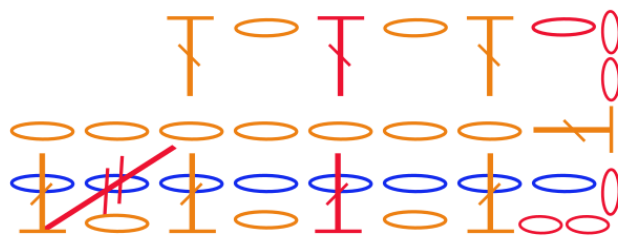
bottom: side st, b

Turn the work a quarter turn. We are now going to crochet the bottom.

The side stitch consists of 2 chains, followed by another chain (because there is a comma). Mark the 2nd chain with a stitch marker if you wish to mark the corner.

Next, make a stitch at the back, inserting the hook into the last stitch of the foundation chain of color 1, where the last double crochet of the left side was also worked.

On the left you can see the chart; on the left with the double crochets of row 0b drawn in, on the right without for a little more clarity.



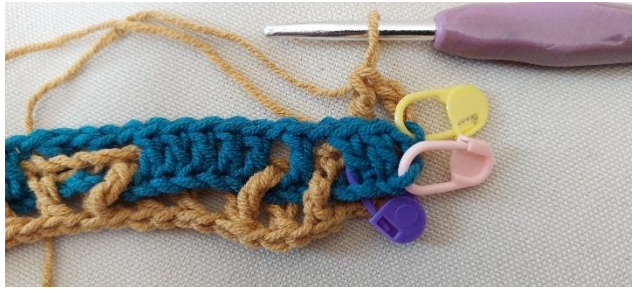
right: side st, b,

Turn the work a quarter turn. We are now going to crochet the right side.

The side stitch consists of 2 chains, followed by another chain (because there is a comma). Mark the 2nd chain with a marker if you wish to mark the corner.

Next, make a stitch at the back, inserting into the last stitch of the foundation chain of color 1, where the last double crochet of the bottom side was also crocheted.

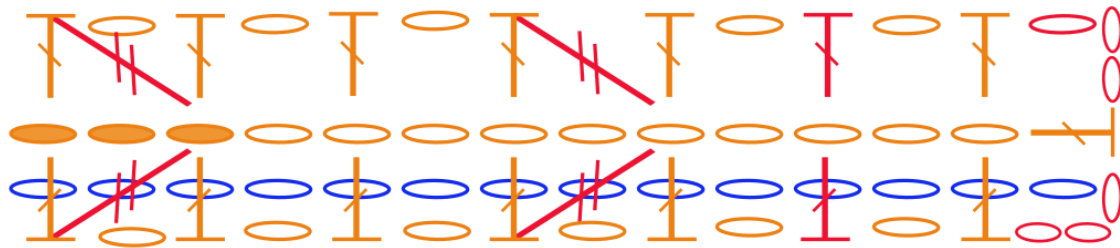
On the left here you can see the chart, without the double crochets of row 0b drawn in for a little more clarity.



This is what it looks like when the block of 3 dc's of color 2 is folded back into place.

It will be much easier now. Working in the setup chain for the first time is the hardest part of the whole project!

You no longer need to pay attention to exactly where to insert your hook into the foundation chain (because you are now working on the other side of the foundation chain), as the opposite double crochet stitches (all grid stitches) are already in the correct place. This pattern is also mirrored, making it easy to check.



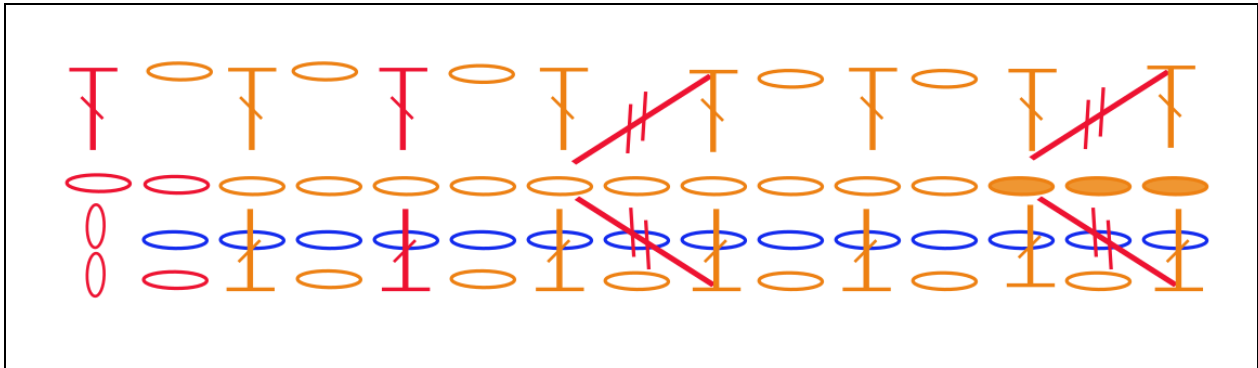
right: side st, b, f, b,

The front stitch and the next back stitch have been made.



right: side st, b, f, b, [fr+b], b 2x,

Next, the combined right stitch plus the 2 back stitches were made here.



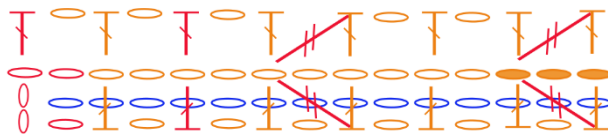
right: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, [b+fl],

Look closely at this photo and see if you can follow what has been crocheted so far. This will help you if you sometimes lose track of where you left off.



right: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, [b+fl], b 2x, [b+fl], b, f, b

Here we are almost at the end of the round. The last front and back stitches have been made. The block of 3 double crochets in color 2 has been folded away slightly. The back stitch is made at the first yellow marker, which marked the end of the foundation chain.





right: side st, b, f, b, [fr+b], b 2x, [fr+b], f 2x, [b+fl], b 2x, [b+fl], b, f, b, side st, color 2 to back

It is important to remember that the instruction regarding which side to lay the other color (at the very end of the row) must be made immediately before the last side stitch, which is always a double crochet. In this case, the loop and the yarn are laid to the back, and the side stitch is made at the second marker. This was the top of the 2 chains that were crocheted at the top at the start of this row. See also the crochet chart for this.



The front



The back

Row 1b, top and left

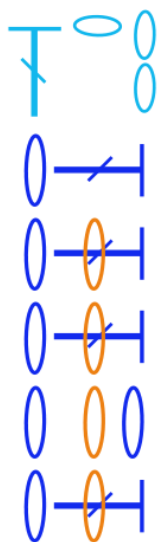
row 1b, color 2

top: b 2x

left: side st, 3f, 2f & f{ir}, 4f & f{ir}, f 3x, f{il} & 4f, f{il} & 2f, 3f

bottom: side st, b 2x

right: side st, 3f, 2f & f{ir}, 4f & f{ir}, f 3x, f{il} & 4f, f{il} & 2f, 3f, side st, color 1 to back



top: b 2x

We make 2 double crochets at the back. It is important that you work through the correct open spaces; see also the photo in the next block where I show the back.

The first 'double crochet' on the back is 2 chains. These should automatically be on the back, because at the end of the previous row the instructions ended with 'color 2 to the back'.

The crochet chart shows what you need to crochet without color 1 being shown.



Here is a photo of the back when the top is crocheted.

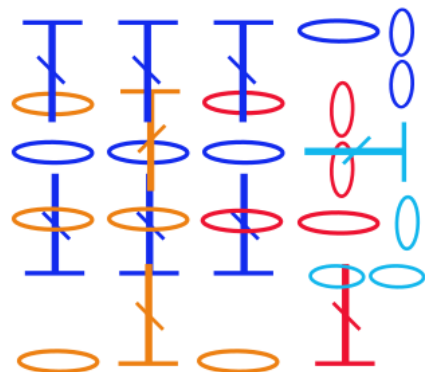


left: side st, 3f,

The left side is now being crocheted.

Be aware that you are actually working on the other side of the foundation chain of color 2. This might make you wonder for a moment why it looks so 'strange'. Normally, you work under the 2 loops of a V-shape that lies at the top of a double crochet. So, on this side, things are a bit different.

The side stitch, 2 chains, and the in-between chain are made here (optionally place a marker in the 2nd chain to mark the corner) and the block of 3 double crochets in front, directly next to each other.

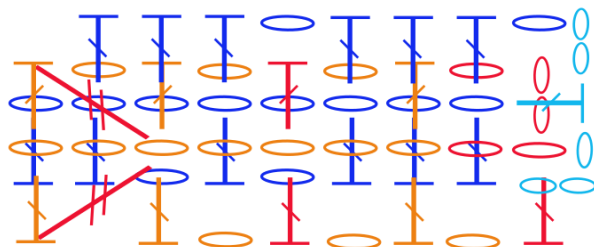


left: side st, 3f, 2f & f{ir},

The next stitch of the '2f & f{ir},' is made in the next double crochet of the row below. After the 3f you have made an in-between chain, but that also means that you skip a stitch of the row below in color 2.

The crochet chart next to this is a bit crowded, but if you study it closely you can see where the stitches go.

Look at the top of the picture with the 3 double crochets on the left.





left: side st, 3f, 2f & f{ir},

The next stitch is crocheted into the chain space (because a diagonal line to the right is always preceded by a chain, see the note about this in the previous row), the third double crochet, the f{ir}, is crocheted into the next double crochet, on the right side of the diagonal line.

The side stitch, the first and the last double crochet of both blocks of 3 double crochets are all grid or mesh stitches of color 2. The stitches lying between the odd stitches are the 'fill stitches' of a solid square (a closed square). It is very helpful to be aware of what the grid stitches are, because that helps you work correctly.



left: side st, 3f, 2f & f{ir}, 4f & f{ir},

Next follows a block of 5 side-by-side double crochets, where the last one, the f{ir}, is again inserted to the right of the diagonal line.

The first double crochet is inserted into the 3rd double crochet of the block below. In the first double crochet of that block, the f{ir} is made from the preceding '2f & f{ir}', after which a chain is made, so we must skip a double crochet and therefore insert into the 3rd double crochet. So you start on a grid stitch again. The 3rd double crochet of the '4f & f{ir}' is inserted into the last double crochet (the 5th, so a grid stitch) of the block below, the penultimate double crochet is made in the chain opening, and the f{ir} is again made in the next double crochet of the previous row (a grid stitch).



	left: side st, 3f, 2f & f{ir}, 4f & f{ir}, f 3x, 3 Times a dc at the front.
	left: side st, 3f, 2f & f{ir}, 4f & f{ir}, f 3x, f{il} & 4f, Here the f{il} is inserted on the left side of the diagonal line, into the dc that lies slightly hidden underneath. Sometimes you have to reveal that a little.
	left: side st, 3f, 2f & f{ir}, 4f & f{ir}, f 3x, f{il} & 4f, The block is finished here. The second stitch is made in the chain space, because a diagonal line to the left is always followed by a chain, as I showed in the previous row.
	left: side st, 3f, 2f & f{ir}, 4f & f{ir}, f 3x, f{il} & 4f, f{il} & 2f, 3f The left side is now finished here.



The entire left side in view.

Row 1b, bottom and right

bottom: side st, b 2x

right: side st, 3f, 2f & f{ir}, 4f & f{il}, f 3x, f{il} & 4f, f{il} & 2f, 3f, side st, color 1 to back



bottom: side st, b 2x
The front



The back



right: side st, 3f,
start of the right side



Row 1b finished, front



back

Row 2a

row 2a, color 1, slanted

top: b 3x

left: side st, [fr+f], b 2x, [fr+b], b, [fr+b], b 2x, [fr+f], [f+fl], b 2x, [b+fl], b, [b+fl], b 2x, f

bottom: side st, [fr+b], b 2x

right: side st, [fr+f], b 2x, [fr+b], b, [fr+b], b 2x, [fr+f], [f+fl], b 2x, [b+fl], b, [b+fl], b 2x, [f+fl], side st, color 2 to front



top: b 3x

We are still working on open corners.
Closed corners will be covered further
on.



	back
	<i>left: side st,</i> Start of the left side, 2 chains for the side stitch and an in-between chain.
	<i>left: side st, [fr+f],</i> This is new: you make a fr, and insert it into the base under the 2 chains of the side stitch. This time, you combine the diagonal line with a front double crochet!
	<i>left: side st, [fr+f], b 2x, [fr+b],</i> A little further on at the next combined stitch, where the fr is combined with a backstitch.



	The left side is finished here
	<i>bottom: side st, [fr+b], b 2x</i> Almost the same thing happens here as at the start of the left side, but here the diagonal line is combined with a backstitch.
	The bottom is finished here.
	<i>right: side st, [fr+f],</i> This is the same as the start of the left side again.



right: side st, [fr+f], b 2x, [fr+b], b, [fr+b], b 2x, [fr+f], [f+fl], b 2x, [b+fl], b, [b+fl], b 2x, [f+fl],

We are almost at the end here. The stitch fl is inserted at the same spot as where the side stitch will be. Make sure you work in front of color 2!



right: side st, [fr+f], b 2x, [fr+b], b, [fr+b], b 2x, [fr+f], [f+fl], b 2x, [b+fl], b, [b+fl], b 2x, [f+fl], side st, color 2 to front

It is only after the combined stitch that you bring color 2 forward and then make the side stitch, in the same place where the fl was made!



front



back



Row 2b

row 2b, color 2

top: f{ir} , 3f, f{il}

left: side st & f & f{ir}, 4f & f{ir}, 2f & f{ir}, 4f & f{ir}, f, f{il} & 4f, f{il} & 2f, f{il} & 4f, f{il}

bottom: side st & f & f{ir} , 3f, f{il}

right: side st & f & f{ir}, 4f & f{ir}, 2f & f{ir}, 4f & f{ir}, f, f{il} & 4f, f{il} & 2f, f{il} & 4f, f{il} & f & side st, color 1 to back



top: f{ir} , 3f, f{il}



left: side st & f & f{ir},

Here you see a combination of stitches; this makes a closed square.

The side stitch consists of 2 chains, then immediately make a double crochet in the chain space, and a double crochet inserted to the right of the diagonal line, at the same spot in the corner stitch where the last double crochet of the top was made.



The left side is ended with a f{il}.



bottom: side st & f & f{ir}
Here you see a closed corner again.



bottom: side st & f & f{ir} , 3f, f{il}



right: side st & f & f{ir},
And also a closed corner on the right side.



Row 3a

row 3a, color 1, slanted

top: $*(b, f)* 2x, b$

left: side st, b 2x, [fr+b], b, f, b 2x, [fr+b], b 4x, [b+fl], b 2x, f, b, [b+fl], b 2x

bottom: side st, $*(b, f)* 2x, b$

right: side st, b 2x, [fr+b], b, f, b 2x, [fr+b], b 4x, [b+fl], b 2x, f, b, [b+fl], b 2x, side st, color 2 to front



Top, front

The first stitch on the back lies behind the solid square of color 2.



	Top, back
	Left side
	Bottom side
	Row 3a finished (sorry, the right side (bottom) is not in the photo)



back

Row 3b

row 3b, color 2

top: 3f, b 2x, 3f

left: side st, 4f & f{ir}, 3f, b, 2f & f{ir}, 9f, f{il} & 2f, b, 3f, f{il} & 4f

bottom: side st, 3f, b 2x, 3f

right: side st, 4f & f{ir}, 3f, b, 2f & f{ir}, 9f, f{il} & 2f, b, 3f, f{il} & 4f, side st, color 1 to back

The photos below are screenshots from the video. Watch the videos for more details and explanation.



The top starts with 3 front double crochets. The first 'double crochet' consists of 2 chain stitches, the second double crochet is worked around the last double crochet (the last side stitch) of color 2 from the previous row (so you do not need to insert your hook into this stitch halfway through!), and the third double crochet is inserted at the same spot where the last side stitch of the previous row in color 2 was worked.



The last 3 stitches are again a closed block of 3 double crochets side by side. The first double crochet is inserted at the base of the side stitch from the previous row in color 2 (so under the 2 chains), the 2nd double crochet is crocheted around the 2 chains, so in the opening between the side stitch and the following double crochet, so you do not need to insert the hook anywhere here either. The third double crochet is inserted 'into' the top, so into the 2nd stitch of the side stitch.

NB: By working around this side stitch, it is now hidden under the block just crocheted. Be aware of this when you start crocheting the next side!

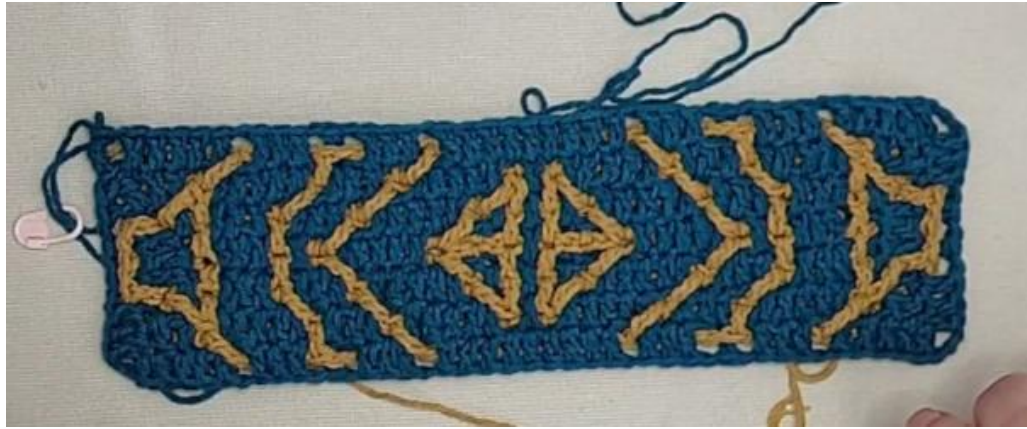
left: side st, 4f & f{ir}.

When making the start on the left side, begin with a side stitch and a chain. You therefore make the first stitch of the 4f into the top of the side stitch from the previous row of color 2. See also the following photo.



bottom: side st, 3f, b 2x, 3f

Here you can see how the first double crochet of the 3f is inserted to the right of the 2 still visible double crochets to the left of it!



Row 4a



At the start of the left side, you see the situation described in the general instructions if you have a [side st+fl] at the beginning of a side. Read the instructions for this and watch the video if necessary.

Rest of the rows

In the video, I work up to the beginning of the left side of row 5a. If you have watched the videos, you will have seen all the situations you might encounter and should be able to crochet these types of patterns.

Border

You don't need to crochet a border around the placemat. You can replace the last side stitch of the rows in colors 1 and 2 with 3 chains, so including the side stitch after the last double crochet, that would be 4 chains. Close the row by making a duplicate stitch with a needle, as shown in the photos below. I'm showing this for the last row, but I also did it in the corner of the previous row.



Ch 4
after the
last
double
crochet.
Cut the
yarn and pull
it
through
the last
stitch.



Insert the needle
under the v-stitch
of the stitch before
the double
crochet.



Bring the needle back to the center of the 4th chain.



This creates an invisible finish and the entire edge now looks the same,



Pattern charts with instructions

c = chain

b = back

f = front

f{il} = front insert left

f{ir} = front insert right

fr = front right

fl = front left

The lighter parts of the pattern charts are for context. So, you'll only crochet the squares that contain instructions.

In the wider sections, the rightmost column overlaps with the leftmost column of the previous image. See also the column numbers at the top.

NB: Start with pattern chart part 1 of the right side. This shows the setup and row 0b.



Rows up to and including row 3b

Top

↘		.f	f	↘f	c	.b	c	.b	c	↙f	f	.f		↙		row 3b, color 2
	.		.b	c	.f	c	.b	c	.f	c	.b		.			row 3a, color 1
				.f{il}	c	.f	f	.f	c	.f{ir}						row 2b, color 2
			x		.b	c	.b	c	.b		x					row 2a, color 1
				↙		.b	c	.b		↘						row 1b, color 2
					.		.b		.							row 1a, color 1

Left part 1

43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	
c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.f	c	.b	c	.fr+b	c	.b	c	.b	c	.side st		x	row 3a, color 1
.f	c	.f{ir}	f	.f	f	↘f	c	.f{ir}	f	.f	c	.f{ir}	f	.f	f	↘f	c	.f{ir}	f	.side st				row 2b, color 2
c	.fr+f	c	.b	c	.b	c	.fr+b	c	.b	c	.fr+b	c	.b	c	.b	c	.fr+f	c	.side st		x			row 2a, color 1
.f	c	↘f	c	.f{ir}	f	.f	f	↘f	c	.f{ir}	f	↘f	c	.f	f	.f	c	↘side st						row 1b, color 2
c	.f	c	.fr+b	c	.b	c	.b	c	.fr+b	c	.b	c	.f	c	.b	c	.side st		.					row 1a, color 1
.		.		↘		.	.		↘		.		.	.	.	.								
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	



Left part 2

22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	
.	.	.b	c	.b	c	.b+fl	c	.b	c	.f	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	row 3a, color 1
.	.	.	.f{il}	c	↘f	f	.f	f	.f{il}	c	.f	f	.f{il}	c	↘f	f	.f	f	.f{il}	c	.f	row 2b, color 2
.	.	x	.	.f	c	.b	c	.b	c	.b+fl	c	.b	c	.b+fl	c	.b	c	.b	c	.b+fl	c	row 2a, color 1
.	.	.	↘	.	.f	f	.f	c	↘f	f	.f{il}	c	↘f	f	.f	f	.f{il}	c	↘f	c	.f	row 1b, color 2
.	.	.	.	.	.	.b	c	.f	c	.b	c	.b+fl	c	.b	c	.b	c	.b+fl	c	.f	c	row 1a, color 1
.	.	.	.	.	.	.	.	.	.	↘	.	.	.	.	.	↘	.	.	.	.	.	
.	.	.	.	.	.	x	.	.	.	.	x	x	.	.	.	.	.	.	.	.	.	

Bottom

21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
↘	.	.f	f	↘f	c	.b	c	.b	c	↘f	f	.f	c	↘side st	.	.	row 3b, color 2
.	.	.b	c	.f	c	.b	c	.f	c	.b	c	.side st	.	x	.	.	row 3a, color 1
.	.	.	.f{il}	c	.f	f	.f	c	.f{ir}	f	.side st	.	.	.	.	.	row 2b, color 2
.	.	x	.	.b	c	.b	c	.fr+b	c	.side st	.	x	.	.	.	.	row 2a, color 1
.	.	.	↘	.	.b	c	.b	c	↘side st	.	.	.	.	.	.	.	row 1b, color 2
.	.	.	.	.	.	.b	c	.side st	.	.	.	.	.	.	.	.	row 1a, color 1
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	



Right part 1

	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	
	.f	f	.f	f	↘f	c	.f{ir}	f	↘f	c	.b	c	.f	f	↘f	c	.f{ir}	f	.f	f	.f	c	↘side st			row 3b, color 2
	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.f	c	.b	c	.fr+b	c	.b	c	.b	c	.side st				row 3a, color 1
	.f	c	.f{ir}	f	.f	f	↘f	c	.f{ir}	f	.f	c	.f{ir}	f	.f	f	↘f	c	.f{ir}	f	.side st					row 2b, color 2
	c	.fr+f	c	.b	c	.b	c	.fr+b	c	.b	c	.fr+b	c	.b	c	.b	c	.fr+f	c	.side st						row 2a, color 1
	.f	c	↘f	c	.f{ir}	f	.f	f	↘f	c	.f{ir}	f	↘f	c	.f	f	.f	c	↘side st							row 1b, color 2
	c	.f	c	.fr+b	c	.b	c	.b	c	.fr+b	c	.b	c	.f	c	.b	c	.side st								row 1a, color 1
	.f	c	.b	c	↘b	c	.f	f	.f	f	↘f	c	.f	c	.f	f	.side st									row 0b, color 2
	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	.								setup color 1
	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	.								setup color 2

Right part 2

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
		↘side s	c	.f	f	.f	f	.f{il}	c	↘f	f	.f	c	.b	c	↘f	f	.f{il}	c	↘f	f	.f	f	.f		row 3b, color 2
		x		.side st	c	.b	c	.b	c	.b+fl	c	.b	c	.f	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	row 3a, color 1
				.side st	f	.f{il}	c	↘f	f	.f	f	.f{il}	c	.f	f	.f{il}	c	↘f	f	.f	f	.f{il}	c	.f		row 2b, color 2
				x		.side st	c	.f+fl	c	.b	c	.b	c	.b+fl	c	.b	c	.b+fl	c	.b	c	.b	c	.f+fl	c	row 2a, color 1
						↘side s	c	.f	f	.f	c	↘f	f	.f{il}	c	↘f	f	.f	f	.f{il}	c	↘f	c	.f		row 1b, color 2
						.		.side st	c	.b	c	.f	c	.b	c	.b+fl	c	.b	c	.b	c	.b+fl	c	.f	c	row 1a, color 1
								.side st	f	.f	c	.f	c	↘f	f	.f	f	.f	c	↘b	c	.b	c	.f		row 0b, color 2
									c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c		setup color 1
									c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c		setup color 2



Rows 4a up to and including row 7b

Top part 1

37	38	39	40	41	42	
c	.f	c	.b	.		row 7a, color 1
.f	c	.f	.	.		row 6b, color 2
c	.f	.	x			row 6a, color 1
.f{il}	.	.				row 5b, color 2
.	.					row 5a, color 1
↙						row 4b, color 2
						row 4a, color 1

Top part 2

25	26	27	28	29	30	31	32	33	34	35	36	37	
c	.b	c	.fr+b+fl	c	.b	c	.fr+b	c	.b	c	.b	c	row 7a, color 1
.f	c	↙f{ir}	f	↘f{il}	c	.f	f	↘f	c	.f	f	.f	row 6b, color 2
c	.fr+b	c	.b	c	.b+fl	c	.b	c	.f	c	.b	c	row 6a, color 1
.f	f	↘f	c	↙f	f	.f	f	.f{il}	c	.f	f	.f{il}	row 5b, color 2
c	.b	c	.f	c	.b	c	.b	c	.b+fl	c	.b		row 5a, color 1
.f{ir}	f	.f	c	.f	f	.f{il}	c	↙f	f	.f{il}		↙	row 4b, color 2
c	.b	c	.f	c	.b	c	.b+fl	c	.b		.		row 4a, color 1



Top part 3

14	15	16	17	18	19	20	21	22	23	24	25		
.		.b	c	.f	c	.b	c	.b	c	.b+fl	c		row 7a, color 1
	.		.f	c	.f	f	.f	c	∠f	f	.f		row 6b, color 2
		x		.f	c	.b	c	.f	c	.b	c		row 6a, color 1
			.		.f{ir}	f	.f	c	.f{ir}	f	.f		row 5b, color 2
				.		.b	c	.fr+b	c	.b	c		row 5a, color 1
					∇		.f{ir}	f	∇f	c	.f{ir}		row 4b, color 2
						.		.b	c	.fr+b	c		row 4a, color 1

Left part 1

56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	
.b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.side st		x	row 7a, color 1
f	.f	c	.f{ir}	f	.f	f	.f{il}	c	∠f	f	.f	f	.f	f	.side st		∇		row 6b, color 2
.b	c	.fr+b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.side st		x			row 6a, color 1
f	.f	f	∇f	c	.b	c	∠f	f	.f	f	.f{il}	c	.side st		.				row 5b, color 2
.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.side st+fl		.					row 5a, color 1
c	.f{ir}	f	.f	f	.f	f	.f	f	.f{il}	c	∠side st		.						row 4b, color 2
.fr+b	c	.b	c	.b	c	.b	c	.b	c	.side st+fl		x							row 4a, color 1
f	∇f	c	.f{ir}	f	.f	f	.f	c	∠side st		.								row 3b, color 2



Left part 2

35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	
c	.b	c	.b	c	.b	c	.b+fl	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.f	c	.b	row 7a, color 1
.f	f	.f	f	.f{il}	c	∟f	f	.f	f	∟f	c	.f{ir}	f	.f	f	.f	f	.f	c	.f	f	row 6b, color 2
c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.f	c	.b	row 6a, color 1
.f	f	.f{il}	c	∟f	f	.f{il}	c	.f	c	.f{ir}	f	∟f	c	.f{ir}	f	.f	f	.f	c	.f{ir}	f	row 5b, color 2
c	.b	c	.b+fl	c	.b	c	.b+fl	c	.fr+b	c	.b	c	.fr+b	c	.b	c	.b	c	.fr+b	c	.b	row 5a, color 1
.f{il}	c	∟f	f	.f{il}	c	∟f	f	.f	f	∟f	c	.f{ir}	f	∟f	c	.f{ir}	f	.f	c	∟b	c	row 4b, color 2
c	.b+fl	c	.b	c	.b+fl	c	.b	c	.b	c	.fr+b	c	.b	c	.fr+b	c	.b	c	.f	c	.fr+b	row 4a, color 1
∟f	f	.f{il}	c	∟f	f	.f	f	.f	f	.f	f	∟f	c	.f{ir}	f	∟f	c	.b	c	.f	f	row 3b, color 2

Left part 3

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
.		.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.f	c	.b	c	row 7a, color 1
			.f	f	.f	f	∟f	c	.f{ir}	f	.f	f	.f{il}	c	.f	f	.f	c	.f	f	.f	row 6b, color 2
				.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b+fl	c	.b	c	.f	c	.b	c	row 6a, color 1
					.f{ir}	f	.f	f	∟f	c	.b	c	∟f	f	.f	f	.f{il}	c	.f	f	.f	row 5b, color 2
						.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	row 5a, color 1
					∟		.f{ir}	f	.f	f	.f	f	.f	f	.f{il}	c	∟b	c	.f	f	.f{il}	row 4b, color 2
							.b	c	.b	c	.b	c	.b	c	.b+fl	c	.f	c	.b	c		row 4a, color 1
							∟		.f	f	.f	f	.f{il}	c	∟f	f	.f	c	.b	c	∟f	row 3b, color 2



Bottom part 1

28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
.fr+b+fl	c	.b	c	.fr+b	c	.b	c	.b	c	.f	c	.b	c	.side st	.		row 7a, color 1
f	$\nabla f\{il\}$	c	.f	f	∇f	c	.f	f	.f	c	.f	f	.side st	.			row 6b, color 2
.b	c	.b+fl	c	.b	c	.f	c	.b	c	.f	c	.side st	.	x			row 6a, color 1
c	$\angle f$	f	.f	f	.f\{il\}	c	.f	f	.f\{il\}	c	.side st	.					row 5b, color 2
.f	c	.b	c	.b	c	.b+fl	c	.b	c	.side st+fl	.	x					row 5a, color 1
c	.f	f	.f\{il\}	c	$\angle f$	f	.f\{il\}	c	$\angle$ side st	.							row 4b, color 2
.f	c	.b	c	.b+fl	c	.b	c	.side st+fl	.	x							row 4a, color 1

Bottom part 2

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
.		.b	c	.f	c	.b	c	.b	c	.b+fl	c	.b	c	.fr+b+fl	row 7a, color 1
	.		.f	c	.f	f	.f	c	$\angle f$	f	.f	c	$\angle f\{ir\}$	f	row 6b, color 2
		x		.f	c	.b	c	.f	c	.b	c	.fr+b	c	.b	row 6a, color 1
			.		.f\{ir\}	f	.f	c	.f\{ir\}	f	.f	f	∇f	c	row 5b, color 2
				.		.b	c	.fr+b	c	.b	c	.b	c	.f	row 5a, color 1
				∇		.f\{ir\}	f	∇f	c	.f\{ir\}	f	.f	c		row 4b, color 2
					.		.b	c	.fr+b	c	.b	c	.f		row 4a, color 1



Right part 1

	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	
	.f	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.side st		x	row 7a, color 1
	c	.f	f	.f	c	.f{ir}	f	.f	f	.f{il}	c	∠f	f	.f	f	.f	f	.side st	∇			row 6b, color 2
	.f	c	.b	c	.fr+b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.side st		x			row 6a, color 1
	c	.f{ir}	f	.f	f	∇f	c	.b	c	∠f	f	.f	f	.f{il}	c	.side st						row 5b, color 2
	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.side st+fl							row 5a, color 1
	c	∇b	c	.f{ir}	f	.f	f	.f	f	.f	f	.f{il}	c	∠side st								row 4b, color 2
	.f	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.side st+fl		x							row 4a, color 1

Right part 2

	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	
	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.f	row 7a, color 1
	.f	f	.f	f	.f	f	.f{il}	c	∠f	f	.f	f	∇f	c	.f{ir}	f	.f	f	.f	f	.f	c	row 6b, color 2
	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.f	row 6a, color 1
	.f	f	.f	f	.f{il}	c	∠f	f	.f{il}	c	.f	c	.f{ir}	f	∇f	c	.f{ir}	f	.f	f	.f	c	row 5b, color 2
	c	.b	c	.b	c	.b+fl	c	.b	c	.b+fl	c	.fr+b	c	.b	c	.fr+b	c	.b	c	.b	c	.fr+b	row 5a, color 1
	.f	f	.f{il}	c	∠f	f	.f{il}	c	∠f	f	.f	f	∇f	c	.f{ir}	f	∇f	c	.f{ir}	f	.f	c	row 4b, color 2
	c	.b	c	.b+fl	c	.b	c	.b+fl	c	.b	c	.b	c	.fr+b	c	.b	c	.fr+b	c	.b	c	.f	row 4a, color 1



Right part 3

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
x		.side st	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.f	c	row 7a, color 1
	↙		.side st	f	.f	f	.f	f	↘f	c	.f{ir}	f	.f	f	.f{il}	c	.f	f	.f	c	.f	row 6b, color 2
		x	.side st	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b+fl	c	.b	c	.f	c		row 6a, color 1
				.side st	c	.f{ir}	f	.f	f	↘f	c	.b	c	↙f	f	.f	f	.f{il}	c	.f		row 5b, color 2
				.	.fr+side s	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c		row 5a, color 1
					x	.side s	c	.f{ir}	f	.f	f	.f	f	.f	f	.f{il}	c	↙b	c	.f		row 4b, color 2
						x	.fr+side s	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.f	c		row 4a, color 1

Rows 7b up to and including row 14b

Top part 1

49	50	51	52	53	54	55	
.f	c	.f	c	.f{il}	c	.f	row 14b, color 2
c	.b	c	.b	c	.b+fl		row 14a, color 1
.f	f	.f{il}	c	↙f			row 13b, color 2
c	.b	c	.b+fl		x		row 13a, color 1
.f	c	↙f		.			row 12b, color 2
c	.f		x				row 12a, color 1
.f							row 11b, color 2
	.						row 11a, color 1
							row 10b, color 2



Top part 2

37	38	39	40	41	42	43	44	45	46	47	48	49	
.f	c	.f	c	.f{il}	c	.f	c	.f	c	.f	c	.f	row 14b, color 2
c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.b	c	row 14a, color 1
.f{il}	c	.b	c	∠f	f	.f	f	.f	f	.f	f	.f	row 13b, color 2
c	.b+fl	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 13a, color 1
∠f	f	.f{il}	c	.b	c	.b	c	.f{ir}	f	.f	f	.f	row 12b, color 2
c	.b	c	.b+fl	c	.b	c	.fr+b	c	.b	c	.b	c	row 12a, color 1
.f	c	∠f	f	.f	f	.f	f	∇f	c	.f	f	.f	row 11b, color 2
c	.f	c	.b	c	.b	c	.b	c	.f	c	.b		row 11a, color 1
.f	c	.f	f	.f	f	.f	f	.f{il}	c	.f			row 10b, color 2
c	.f	c	.b	c	.b	c	.b	c	.b+fl		x		row 10a, color 1
.f	c	.f{ir}	f	.f	c	.b	c	∠f					row 9b, color 2
c	.fr+b	c	.b	c	.b	c	.b		x				row 9a, color 1
.f{ir}	f	∇f	c	.f{ir}	f	.f							row 8b, color 2
c	.b	c	.fr+b	c	.b		x						row 8a, color 1
∇f	c	.f	f	∇f									row 7b, color 2



Top part 3

25	26	27	28	29	30	31	32	33	34	35	36	37	
.f	c	.f{il}	c	.f{ir}	c	.f	c	.b	c	.f{il}	c	.f	row 14b, color 2
c	.b	c	.fr+b+fl	c	.b	c	.b	c	.b	c	.b+fl	c	row 14a, color 1
.f{il}	c	∠f	f	∩f	c	.f{ir}	f	.f{il}	c	∠f	f	.f{il}	row 13b, color 2
c	.b+fl	c	.b	c	.fr+b	c	.b	c	.b+fl	c	.b	c	row 13a, color 1
∠f{ir}	f	.f	f	.f	f	∩f{il}	c	∠f	f	.f{il}	c	∠f	row 12b, color 2
c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b+fl	c	row 12a, color 1
∩f	c	.f{ir}	f	.f{il}	c	∠f	f	.f{il}	c	∠f	f	.f	row 11b, color 2
c	.fr+b	c	.b	c	.b+fl	c	.b	c	.b+fl	c	.b	c	row 11a, color 1
.f	f	∩f	c	∠f	f	.f	c	∠f{ir}	f	.f	f	.f	row 10b, color 2
c	.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	row 10a, color 1
.f	f	.f{il}	c	.f{ir}	f	.f	f	∩f	c	.f{ir}	f	.f	row 9b, color 2
c	.b	c	.fr+b+fl	c	.b	c	.b	c	.fr+b	c	.b	c	row 9a, color 1
.f{il}	c	∠f	f	∩f	c	.f{ir}	f	.f	f	∩f	c	.f{ir}	row 8b, color 2
c	.b+fl	c	.b	c	.fr+b	c	.b	c	.b	c	.fr+b	c	row 8a, color 1
∠f	f	.f{il}	c	.f{ir}	f	∩f	c	.f{ir}	f	.f	f	∩f	row 7b, color 2



Top part 4

13	14	15	16	17	18	19	20	21	22	23	24	25		
.f	c	.f{ir}	c	.f	c	.f	c	.f{ir}	c	.b	c	.f		row 14b, color 2
c	.fr+b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c		row 14a, color 1
.f	f	↘f	c	.b	c	.f{ir}	f	↘f	c	.f{ir}	f	.f{il}		row 13b, color 2
c	.b	c	.b	c	.fr+b	c	.b	c	.fr+b	c	.b	c		row 13a, color 1
.b	c	.b	c	.f{ir}	f	↘f	c	.f{ir}	f	↘f	c	↘f{ir}		row 12b, color 2
c	.b	c	.fr+b	c	.b	c	.fr+b	c	.b	c	.fr+b	c		row 12a, color 1
.f	f	.f	f	↘f	c	.f	f	↘f	c	.f{ir}	f	↘f		row 11b, color 2
c	.b	c	.b	c	.f	c	.b	c	.fr+b	c	.b	c		row 11a, color 1
.f	f	.f	f	.f	c	.f	f	.f	f	↘f{il}	c	.f		row 10b, color 2
c	.b	c	.b	c	.f	c	.b	c	.b	c	.b+fl	c		row 10a, color 1
.b	c	.f	f	.f{il}	c	.f	f	.f{il}	c	↘f	f	.f		row 9b, color 2
c	.b	c	.b	c	.b+fl	c	.b	c	.b+fl	c	.b	c		row 9a, color 1
.f	f	.f{il}	c	↘f	f	.f{il}	c	↘f	f	.f	f	.f{il}		row 8b, color 2
	.b	c	.b+fl	c	.b	c	.b+fl	c	.b	c	.b	c		row 8a, color 1
		↘f	f	.f	c	↘f	f	.f	f	.f{il}	c	↘f		row 7b, color 2



Top part 5

1	2	3	4	5	6	7	8	9	10	11	12	13	
.f	c	.f{ir}	c	.f	c	.f	c	.f	c	.f	c	.f	row 14b, color 2
	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 14a, color 1
.		∇f	c	.f{ir}	f	.f	f	.f	f	.f	f	.f	row 13b, color 2
	x		.fr+b	c	.b	c	.b	c	.b	c	.b	c	row 13a, color 1
		.		∇f	c	.f	f	.f	f	.f{il}	c	.b	row 12b, color 2
			x		.f	c	.b	c	.b	c	.b+fl	c	row 12a, color 1
				.		.f	f	.f	c	∠f	f	.f	row 11b, color 2
					.		.b	c	.f	c	.b	c	row 11a, color 1
						.		.f	c	.f{ir}	f	.f	row 10b, color 2
							x		.fr+b	c	.b	c	row 10a, color 1
								.		∇f	c	.b	row 9b, color 2
									x		.b	c	row 9a, color 1
										.		.f	row 8b, color 2
											x		row 8a, color 1
												.	row 7b, color 2



Left part 1

67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	
.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.b	c	.b	c	.side st	row 14b, color 2
c	.b	c	.b	c	.b	c	.b	c	.f	c	.b	c	.b	c	.b	c	.b+fl	c	.side st	.	row 14a, color 1
.f	f	.f	f	.f	f	.f	f	.f{il}	c	.b	c	.b	c	.b	c	↙f	f	.side st			row 13b, color 2
c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.b	c	.side st		.		row 13a, color 1
.f	f	.f	f	.f	f	.f{il}	c	↙f	f	.f	f	.f	f	.f	f	.side st		↙			row 12b, color 2
c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.b	c	.b	c	.side st		.		row 12a, color 1
.f{ir}	f	.f	c	.b	c	↙b	c	.b	c	.b	c	.b	c	.b	c	.side st		↙			row 11b, color 2
c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.side st		.				row 11a, color 1
↘f	c	.f{ir}	f	.f	f	.f	f	.f	f	.f	f	.side st		.							row 10b, color 2
c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.side st		x								row 10a, color 1
.f	f	↘f	c	.f{ir}	f	.f	f	.f	f	.side st		.									row 9b, color 2
c	.b	c	.fr+b	c	.b	c	.b	c	.side st		.										row 9a, color 1
.f	f	.f	f	↘f	c	.f	f	.side st		↙											row 8b, color 2
c	.b	c	.b	c	.f	c	.side st		.												row 8a, color 1
.f	f	.f	f	.f	c	.side st		.													row 7b, color 2



Left part 2

	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	61	62	63	64	65	66	67	
	.f	c	.b	c	.b	c	.b	c	.f	c	.f	c	.f	c	.f{ir}	c	.f	.f	c	.f{il}	c	.f	c	.f	row 14b, color 2
	c	.b	c	.b	c	.b	c	.b	c	.f	c	.b	c	.fr+b	c	.b	c	c	.b	c	.b+fl	c	.b	c	row 14a, color 1
	.f{ir}	f	.f	f	.f	f	.f	f	.f{il}	c	.f	f	.f	f	↘f	c	.b	.b	c	↙f	f	.f	f	.f	row 13b, color 2
	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.b	c	c	.b	c	.b	c	.b	c	row 13a, color 1
	↘f	c	.f{ir}	f	.f	f	.f{il}	c	↙f	f	.f	f	.f	f	.f	f	.f	.f	f	.f	f	.f	f	.f	row 12b, color 2
	c	.fr+b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.b	c	.b	c	c	.b	c	.b	c	.b	c	row 12a, color 1
	.f	f	↘f	c	.b	c	↙f	f	.f	f	.f	f	.f	f	.f	f	.f	.f	f	.f	f	.f	c	.f{ir}	row 11b, color 2
	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	c	.b	c	.b	c	.fr+b	c	row 11a, color 1
	.f{il}	c	.b	c	.f{ir}	f	.f	f	.f	f	.f	f	.f{il}	c	.b	c	.b	.b	c	.f{ir}	f	.f	f	↘f	row 10b, color 2
	c	.b+fl	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	c	.fr+b	c	.b	c	.b	c	row 10a, color 1
	↙f	f	.f	f	↘f	c	.f	f	.f	f	.f{il}	c	↙f	f	.f	f	.f	.f	f	↘f	c	.f{ir}	f	.f	row 9b, color 2
	c	.b	c	.b	c	.f	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	c	.b	c	.fr+b	c	.b	c	row 9a, color 1
	.f	f	.f	f	.f{il}	c	.f	f	.f	c	↙f	f	.f	f	.f	f	.f	.f	f	.f	f	↘f	c	.f	row 8b, color 2
	c	.b	c	.b	c	.b+fl	c	.b	c	.f	c	.b	c	.b	c	.b	c	c	.b	c	.b	c	.f	c	row 8a, color 1
	.f{ir}	f	.f	c	↙f	f	.f	f	.f	c	.f	f	.f	f	.f	f	.f	.f	f	.f	f	.f{il}	c	.f	row 7b, color 2



Left part 3

	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	.f{ir}	c	.f	c	.f{il}	c	.f	c	.f	c	.f	c	.b	c	.b	c	.b	c	.f	c	.f	c	.f	row 14b, color 2
	c	.b	c	.b	c	.b+fl	c	.b	c	.f	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 14a, color 1
	∖f	c	.b	c	∖f	f	.f	f	.f	c	.f{ir}	f	.f	f	.f	f	.f	f	.f{il}	c	.f	c	.f{ir}	row 13b, color 2
	c	.b	c	.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.fr+b	c	row 13a, color 1
	.f	f	.f	f	.f	f	.f	f	.f	f	∖f	c	.f{ir}	f	.f	f	.f{il}	c	∖f	f	.f	f	∖f	row 12b, color 2
	c	.b	c	.b	c	.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	row 12a, color 1
	.f	f	.f	f	.f	f	.f	f	.f	f	∖f	c	.b	c	∖f	f	.f	f	.f	f	.f	f	.f	row 11b, color 2
	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 11a, color 1
	.f{il}	c	.b	c	.b	c	.f{ir}	f	.f	f	.f	f	.f	f	.f{il}	c	.b	c	.f{ir}	f	.f	f	.f{il}	row 10b, color 2
	c	.b+fl	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.fr+b	c	.b	c	.b	c	row 10a, color 1
	∖f	f	.f	f	.f	f	∖f	c	.f{ir}	f	.f	f	.f	c	∖f	f	.f	f	∖f	c	.f	c	∖f	row 9b, color 2
	c	.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.f	c	.b	c	.b	c	.f	c	.f	c	row 9a, color 1
	.f	f	.f	f	.f	f	.f	f	∖f	c	.f	f	.f	c	.f{ir}	f	.f	f	.f	c	.b	c	.f	row 8b, color 2
	c	.b	c	.b	c	.b	c	.b	c	.f	c	.b	c	.fr+b	c	.b	c	.b	c	.f	c	.f	c	row 8a, color 1
	.f	f	.f	f	.f	f	.f	f	.f	c	.f	f	.f	f	∖f	c	.f	f	.f{il}	c	.f	c	.f{ir}	row 7b, color 2



Left part 4

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
	.b	c	.b	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f{ir}	row 14b, color 2
	.fr+b	c	.b	c	.b	c	.b	c	.f	c	.b	c	.b	c	.b	c	.b	c	.b	c	.fr+b	c		row 14a, color 1
			∩f	c	.b	c	.b	c	.b	c	.f{ir}	f	f	f	f	f	f	f	f	f	f	∩f		row 13b, color 2
	x			.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 13a, color 1
					.f	f	.f	f	.f	f	∩f	c	.f{ir}	f	f	f	f	f	f	f	f	f	f	row 12b, color 2
				x		.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 12a, color 1
						.b	c	.b	c	.b	c	∩b	c	.b	c	.f	f	.f{il}	c	.f	f	f		row 11b, color 2
							.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c		row 11a, color 1
								.f	f	.f	f	.f	f	.f	f	.f{il}	c	∩f	f	.f	f	.f{il}		row 10b, color 2
							x		.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c		row 10a, color 1
									.f	f	.f	f	.f{il}	c	∩f	f	.f	f	.f{il}	c	∩f			row 9b, color 2
									x		.b	c	.b	c	.b+fl	c	.b	c	.b	c	.b+fl	c		row 9a, color 1
											.f	c	∩f	f	.f	f	.f	c	∩f	f	f			row 8b, color 2
											x		.f	c	.b	c	.b	c	.f	c	.b	c		row 8a, color 1
														.f	f	.f	f	.f	c	.f{ir}	f	f		row 7b, color 2



Bottom part 1

39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	
.f	c	.f{il}	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f{il}	c	.f	c	.side st	row 14b, color 2
c	.b	c	.b+fl	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.side st	.	row 14a, color 1
.b	c	↘f	f	.f	f	.f	f	.f	f	.f	f	.f{il}	c	↘f	f	.side st	.	.	row 13b, color 2
c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.side st	.	.	.	row 13a, color 1
.f{il}	c	.b	c	.b	c	.f{ir}	f	.f	f	.f	c	↘f	f	.side st	.	↘	.	.	row 12b, color 2
c	.b+fl	c	.b	c	.fr+b	c	.b	c	.b	c	.f	c	.side st	.	.	.	.	.	row 12a, color 1
↘f	f	.f	f	.f	f	↘f	c	.f	f	.f	c	.side st	.	.	.	.	.	.	row 11b, color 2
c	.b	c	.b	c	.b	c	.f	c	.b	c	.side st	.	x	.	.	.	.	.	row 11a, color 1
.f	f	.f	f	.f	f	.f{il}	c	.f	f	.side st	.	.	.	.	.	.	.	.	row 10b, color 2
c	.b	c	.b	c	.b	c	.b+fl	c	.side st	.	.	.	.	.	.	.	.	.	row 10a, color 1
.f{ir}	f	.f	c	.b	c	↘f	f	.side st	.	.	.	.	.	.	.	.	.	.	row 9b, color 2
c	.b	c	.b	c	.b	c	.side st	.	x	.	.	.	.	.	.	.	.	.	row 9a, color 1
↘f	c	.f{ir}	f	.f	f	.side st	.	.	.	.	.	.	.	.	.	.	.	.	row 8b, color 2
c	.fr+b	c	.b	c	.side st	.	x	.	.	.	.	.	.	.	.	.	.	.	row 8a, color 1
.f	f	↘f	c	.side st	.	.	.	.	.	.	.	.	.	.	.	.	.	.	row 7b, color 2



Bottom part 2

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
c	.f{ir}	c	.b	c	.f	c	.f{il}	c	.f{ir}	c	.f	c	.b	c	.f{il}	c	.f	c	.f	row 14b, color 2
.fr+b	c	.b	c	.b	c	.b	c	.fr+b+fl	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	row 14a, color 1
f	↘f	c	.f{ir}	f	.f{il}	c	↘f	f	↘f	c	.f{ir}	f	.f{il}	c	↘f	f	.f{il}	c	.b	row 13b, color 2
.b	c	.fr+b	c	.b	c	.b+fl	c	.b	c	.fr+b	c	.b	c	.b+fl	c	.b	c	.b+fl	c	row 13a, color 1
c	.f{ir}	f	↘f	c	↘f{ir}	f	.f	f	.f	f	↘f{il}	c	↘f	f	.f{il}	c	↘f	f	.f{il}	row 12b, color 2
.fr+b	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b+fl	c	.b	c	row 12a, color 1
f	↘f	c	.f{ir}	f	↘f	c	.f{ir}	f	.f{il}	c	↘f	f	.f{il}	c	↘f	f	.f	c	↘f	row 11b, color 2
.b	c	.fr+b	c	.b	c	.fr+b	c	.b	c	.b+fl	c	.b	c	.b+fl	c	.b	c	.f	c	row 11a, color 1
f	.f	f	↘f{il}	c	.f	f	↘f	c	↘f	f	.f	c	↘f{ir}	f	.f	f	.f	c	.f	row 10b, color 2
.b	c	.b	c	.b+fl	c	.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.f	c	row 10a, color 1
f	.f{il}	c	↘f	f	.f	f	.f{il}	c	.f{ir}	f	.f	f	↘f	c	.f{ir}	f	.f	c	.f{ir}	row 9b, color 2
.b	c	.b+fl	c	.b	c	.b	c	.fr+b+fl	c	.b	c	.b	c	.fr+b	c	.b	c	.fr+b	c	row 9a, color 1
c	↘f	f	.f	f	.f{il}	c	↘f	f	↘f	c	.f{ir}	f	.f	f	↘f	c	.f{ir}	f	↘f	row 8b, color 2
.b+fl	c	.b	c	.b	c	.b+fl	c	.b	c	.fr+b	c	.b	c	.b	c	.fr+b	c	.b	c	row 8a, color 1
f	.f	f	.f{il}	c	↘f	f	.f{il}	c	.f{ir}	f	↘f	c	.f{ir}	f	.f	f	↘f	c	.f	row 7b, color 2



Bottom part 3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
.f	c	.f{ir}	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f{ir}	c	.f	c	.f	c	row 14b, color 2	
	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.fr+b	row 14a, color 1	
		∩f	c	.f{ir}	f	.f	f	.f	f	.f	f	.f	f	∩f	c	.b	c	.f{ir}	f	row 13b, color 2	
	x		.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.fr+b	c	.b	row 13a, color 1	
				∩f	c	.f	f	.f	f	.f{il}	c	.b	c	.b	c	.f{ir}	f	∩f	c	row 12b, color 2	
			x		.f	c	.b	c	.b	c	.b+fl	c	.b	c	.fr+b	c	.b	c	.fr+b	row 12a, color 1	
						.f	f	.f	c	∩f	f	.f	f	.f	f	∩f	c	.f	f	row 11b, color 2	
							.b	c	.f	c	.b	c	.b	c	.b	c	.f	c	.b	row 11a, color 1	
								.f	c	.f{ir}	f	.f	f	.f	f	.f	c	.f	f	row 10b, color 2	
								x		.fr+b	c	.b	c	.b	c	.b	c	.f	c	.b	row 10a, color 1
										∩f	c	.b	c	.f	f	.f{il}	c	.f	f	row 9b, color 2	
									x		.b	c	.b	c	.b	c	.b+fl	c	.b	row 9a, color 1	
												.f	f	.f{il}	c	∩f	f	.f{il}	c	row 8b, color 2	
											x		.b	c	.b+fl	c	.b	c	.b+fl	row 8a, color 1	
														∩f	f	.f	c	∩f	f	row 7b, color 2	



Right part 1

67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	
.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.b	c	.b	c	.side st	row 14b, color 2
c	.b	c	.b	c	.b	c	.b	c	.b	c	.f	c	.b	c	.b	c	.b	c	.b+fl	c	.side st	.	row 14a, color 1
.f	f	.f	f	.f	f	.f	f	.f	f	.f{il}	c	.b	c	.b	c	.b	c	↙f	f	.side st			row 13b, color 2
c	.b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.b	c	.side st		.		row 13a, color 1
.f	f	.f	f	.f	f	.f	f	.f{il}	c	↙f	f	.f	f	.f	f	.f	f	.side st		↙			row 12b, color 2
c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.b	c	.b	c	.side st		.		row 12a, color 1
.f	c	.f{ir}	f	.f	c	.b	c	↙b	c	.b	c	.b	c	.b	c	.b	c	.side st		↙			row 11b, color 2
c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.side st		.				row 11a, color 1
.f	f	↘f	c	.f{ir}	f	.f	f	.f	f	.f	f	.f	f	.side st									row 10b, color 2
c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.side st		x						row 10a, color 1
.f{ir}	f	.f	f	↘f	c	.f{ir}	f	.f	f	.f	f	.side st											row 9b, color 2
c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.side st		.								row 9a, color 1
↘f	c	.f	f	.f	f	↘f	c	.f	f	.side st		↙											row 8b, color 2
c	.f	c	.b	c	.b	c	.f	c	.side st		.												row 8a, color 1
.f{il}	c	.f	f	.f	f	.f	c	.side st															row 7b, color 2



Right part 2

45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	
.f	c	.f	c	.b	c	.b	c	.b	c	.f	c	.f	c	.f	c	.f{ir}	c	.f	c	.f{il}	c	.f	row 14b, color 2
c	.b	c	.b	c	.b	c	.b	c	.b	c	.f	c	.b	c	.fr+b	c	.b	c	.b	c	.b+fl	c	row 14a, color 1
.f	c	.f{ir}	f	.f	f	.f	f	.f	f	.f{il}	c	.f	f	.f	f	∖f	c	.b	c	∖f	f	.f	row 13b, color 2
c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 13a, color 1
.f	f	∖f	c	.f{ir}	f	.f	f	.f{il}	c	∖f	f	.f	f	.f	f	.f	f	.f	f	.f	f	.f	row 12b, color 2
c	.b	c	.fr+b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 12a, color 1
.f	f	.f	f	∖f	c	.b	c	∖f	f	.f	f	.f	f	.f	f	.f	f	.f	f	.f	f	.f	row 11b, color 2
c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 11a, color 1
.f	f	.f{il}	c	.b	c	.f{ir}	f	.f	f	.f	f	.f	f	.f{il}	c	.b	c	.b	c	.f{ir}	f	.f	row 10b, color 2
c	.b	c	.b+fl	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.fr+b	c	.b	c	row 10a, color 1
.f	c	∖f	f	.f	f	∖f	c	.f	f	.f	f	.f{il}	c	∖f	f	.f	f	.f	f	∖f	c	.f{ir}	row 9b, color 2
c	.f	c	.b	c	.b	c	.f	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c	.b	c	.fr+b	c	row 9a, color 1
.b	c	.f	f	.f	f	.f{il}	c	.f	f	.f	c	∖f	f	.f	f	.f	f	.f	f	.f	f	∖f	row 8b, color 2
c	.f	c	.b	c	.b	c	.b+fl	c	.b	c	.f	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 8a, color 1
.f	c	.f{ir}	f	.f	c	∖f	f	.f	f	.f	c	.f	f	.f	f	.f	f	.f	f	.f	f	.f{il}	row 7b, color 2



Right part 3

23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
.f	c	.f{ir}	c	.f	c	.f{il}	c	.f	c	.f	c	.f	c	.b	c	.b	c	.b	c	.f	c	.f	row 14b, color 2
c	.fr+b	c	.b	c	.b	c	.b+fl	c	.b	c	.f	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 14a, color 1
.f	f	∖f	c	.b	c	∠f	f	.f	f	.f	c	.f{ir}	f	.f	f	.f	f	.f	f	.f{il}	c	.f	row 13b, color 2
c	.b	c	.b	c	.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	row 13a, color 1
.f	f	.f	f	.f	f	.f	f	.f	f	.f	f	∖f	c	.f{ir}	f	.f	f	.f{il}	c	∠f	f	.f	row 12b, color 2
c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b+fl	c	.b	c	row 12a, color 1
.f	f	.f	f	.f	f	.f	f	.f	f	.f	f	.f	f	∖f	c	.b	c	∠f	f	.f	f	.f	row 11b, color 2
c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 11a, color 1
.f	f	.f{il}	c	.b	c	.b	c	.f{ir}	f	.f	f	.f	f	.f	f	.f{il}	c	.b	c	.f{ir}	f	.f	row 10b, color 2
c	.b	c	.b+fl	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.fr+b	c	.b	c	row 10a, color 1
.f{il}	c	∠f	f	.f	f	.f	f	∖f	c	.f{ir}	f	.f	f	.f	c	∠f	f	.f	f	∖f	c	.f	row 9b, color 2
c	.b+fl	c	.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.f	c	.b	c	.b	c	.f	c	row 9a, color 1
∠f	f	.f	f	.f	f	.f	f	.f	f	∖f	c	.f	f	.f	c	.f{ir}	f	.f	f	.f	c	.b	row 8b, color 2
c	.b	c	.b	c	.b	c	.b	c	.b	c	.f	c	.b	c	.fr+b	c	.b	c	.b	c	.f	c	row 8a, color 1
.f{ir}	f	.f	f	.f	f	.f	f	.f	f	.f	c	.f	f	.f	f	∖f	c	.f	f	.f{il}	c	.f	row 7b, color 2



Right part 4

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
	.side st	c	.b	c	.b	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	c	.f	row 14b, color 2	
	.	.side st	c	.fr+b	c	.b	c	.b	c	.b	c	.f	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 14a, color 1	
		.side st	f	↘f	c	.b	c	.b	c	.b	c	.f{ir}	f	.f	f	.f	f	.f	f	.f	f	.f	f	row 13b, color 2	
		.	.side st	c	.b	c	.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	.b	c	row 13a, color 1
			↘	.side st	f	.f	f	.f	f	.f	f	↘f	c	.f{ir}	f	.f	f	.f	f	.f	f	.f	f	row 12b, color 2	
			.	.side st	c	.b	c	.b	c	.b	c	.b	c	.fr+b	c	.b	c	.b	c	.b	c	.b	c	row 12a, color 1	
				↘	.side st	c	.b	c	.b	c	.b	c	.b	c	↘b	c	.b	c	.f	f	.f{il}	c	.f	row 11b, color 2	
				.	.side st	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c		row 11a, color 1	
					.	.side st	f	.f	f	.f	f	.f	f	.f	f	.f	f	.f{il}	c	↘f	f	.f		row 10b, color 2	
						.side st	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	row 10a, color 1	
							.side st	f	.f	f	.f	f	.f	f	.f{il}	c	↘f	f	.f	f	.f{il}			row 9b, color 2	
							.side st	c	.b	c	.b	c	.b	c	.b+fl	c	.b	c	.b	c				row 9a, color 1	
							↘	.side st	f	.f	c	↘f	f	.f	f	.f	f	.f	c	↘f				row 8b, color 2	
							.	.side st	c	.f	c	.b	c	.b	c	.f	c							row 8a, color 1	
								.side st	i	c	.f	f	.f	f	.f	c	.f{ir}							row 7b, color 2	