

# Piglet's Portfolio *of Priceless* Potholder Patterns

SECTION IV

## Twill Weave

**Seven-Inch (“Traditional”) Charts Only**

*Created By Piglet Evans &  
Matthew Simon Cavalletto*



December 2023 Edition



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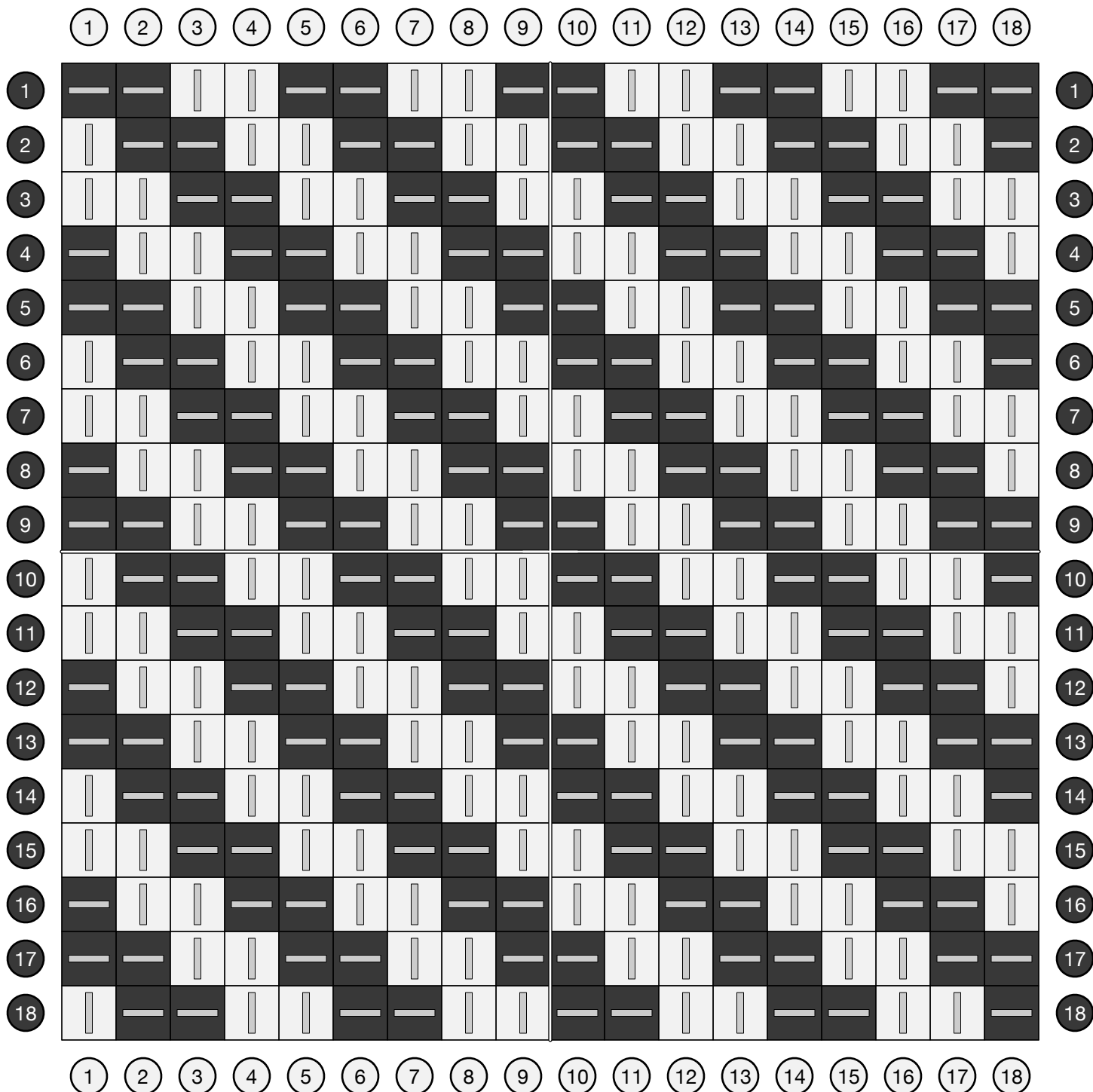
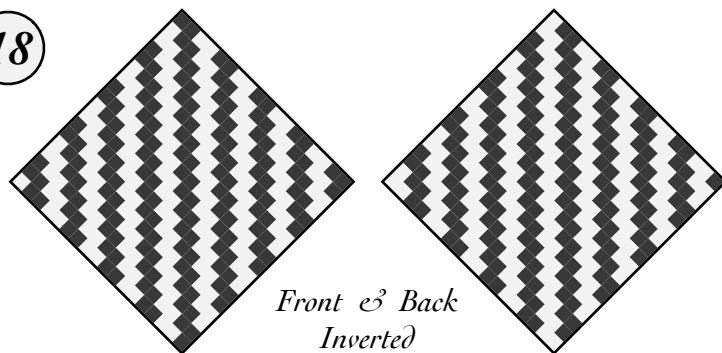
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# Basic Two-Two Twill

18

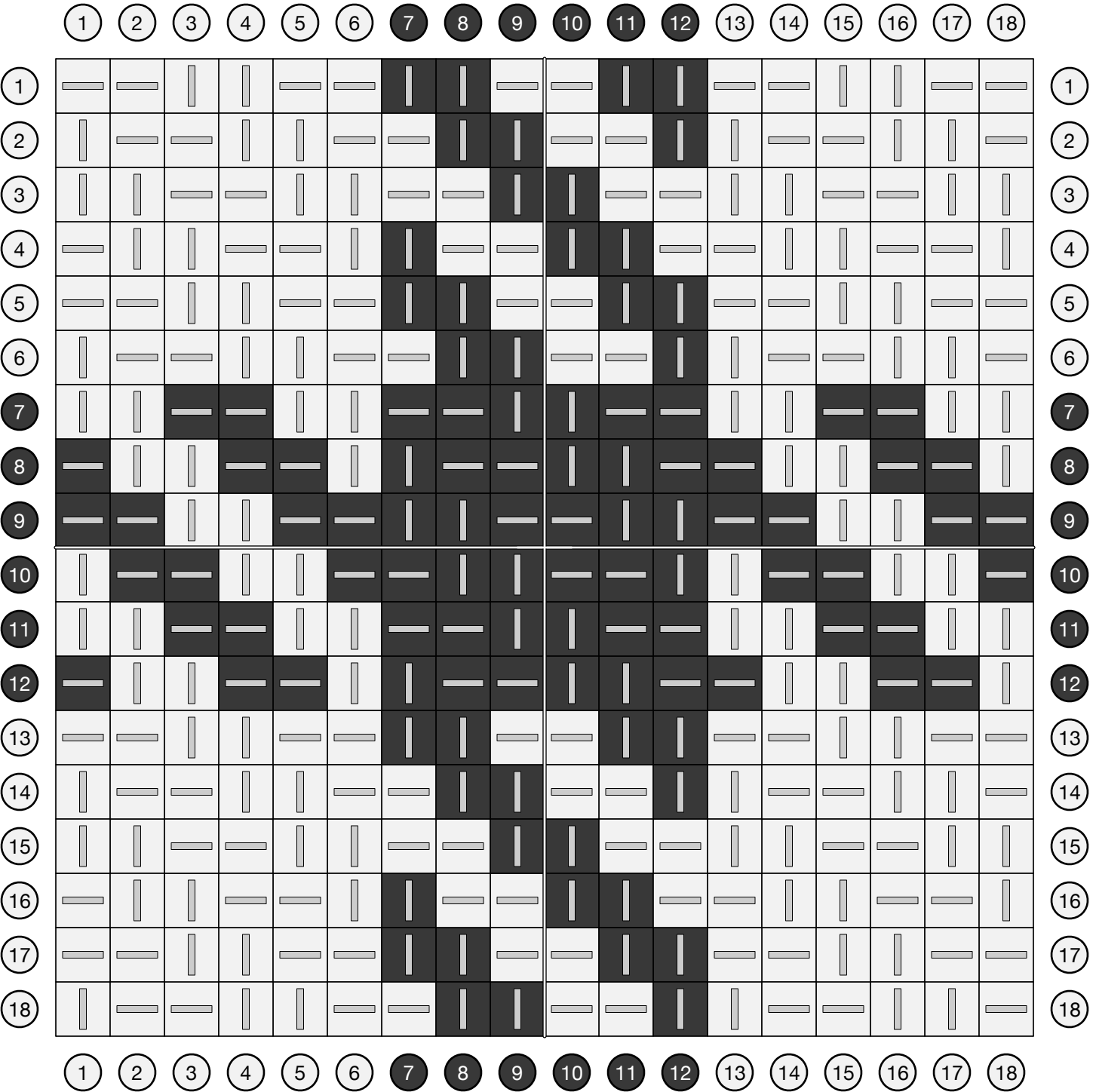
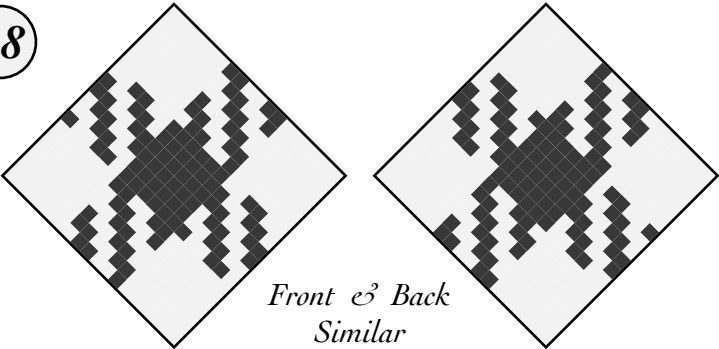
Weaving over two loops and then under two loops, shifting over by one loop on each row, produces a smooth, slightly puffy fabric.



# Twill Nine Block

Combining two-two twill weaving with threading that features a central stripe produces a pattern with a mix of solid blocks and diagonal stripes.

18

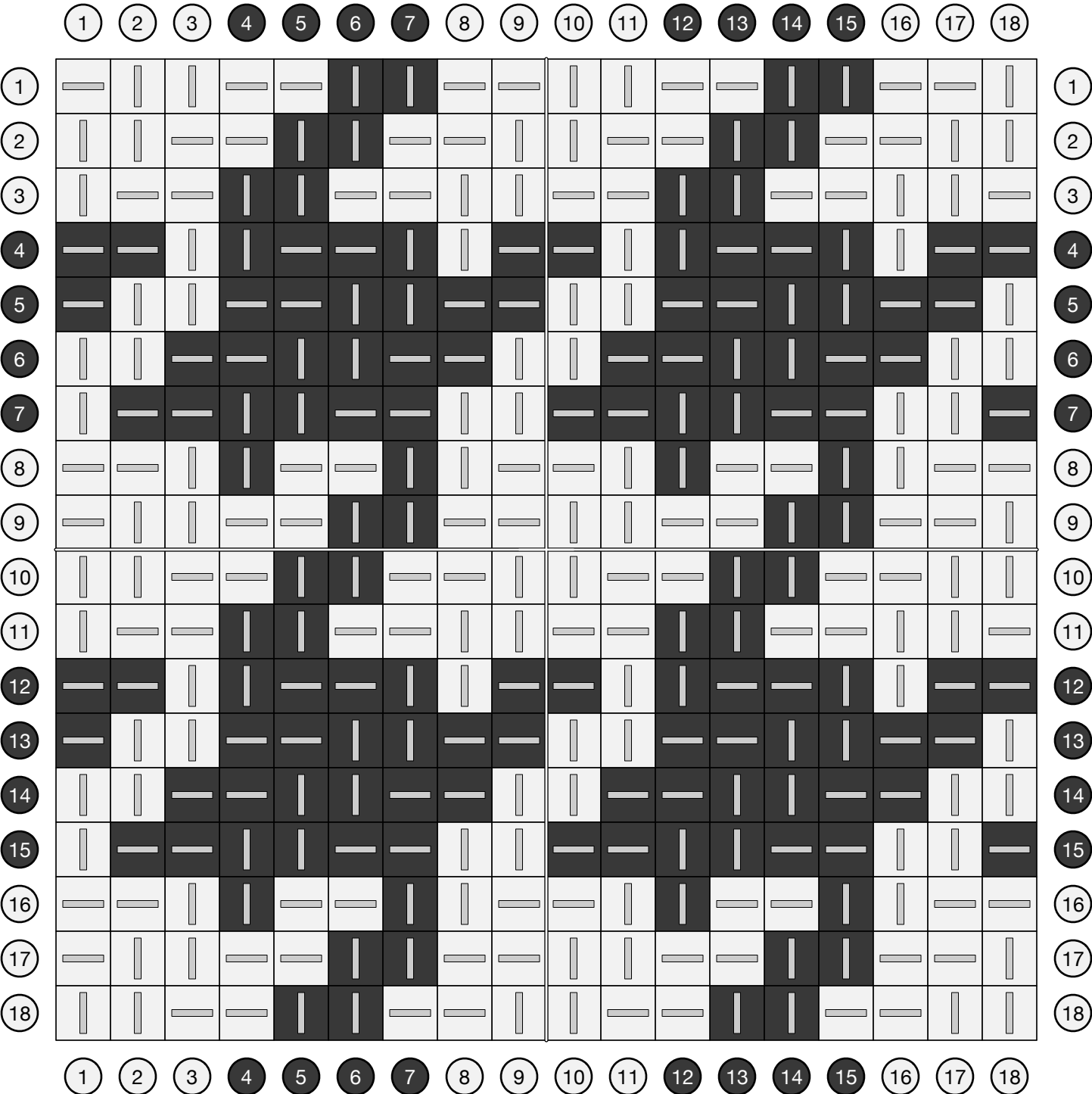
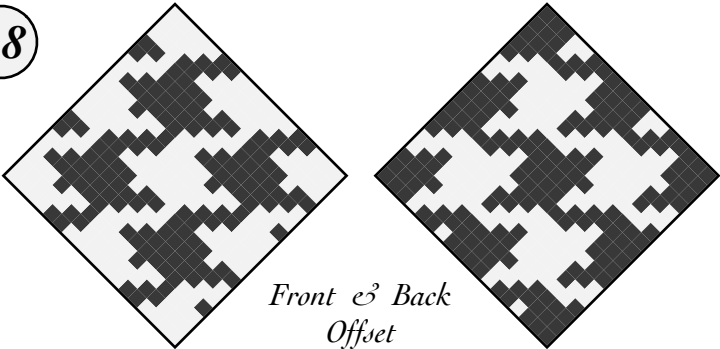


# Houndstooth Twill

Combining a basic two-two twill weave with alternating color threading produces a repeating pattern of jagged shapes called houndstooth.

A classic pattern, added to our charts April 2022.

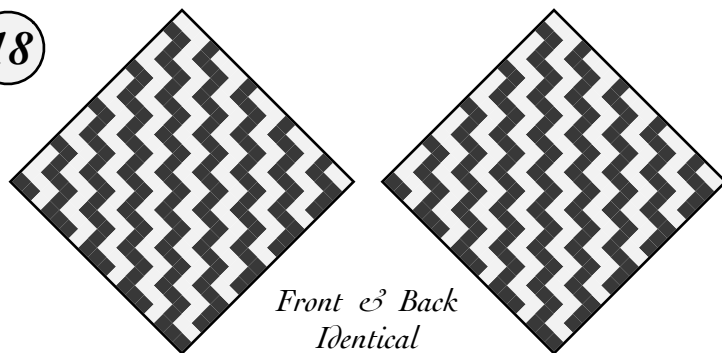
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# Two-Two Twill Steps

The combination of alternating color warp and weft with an over-two/under-two twill weave produces a stair-step pattern.

18



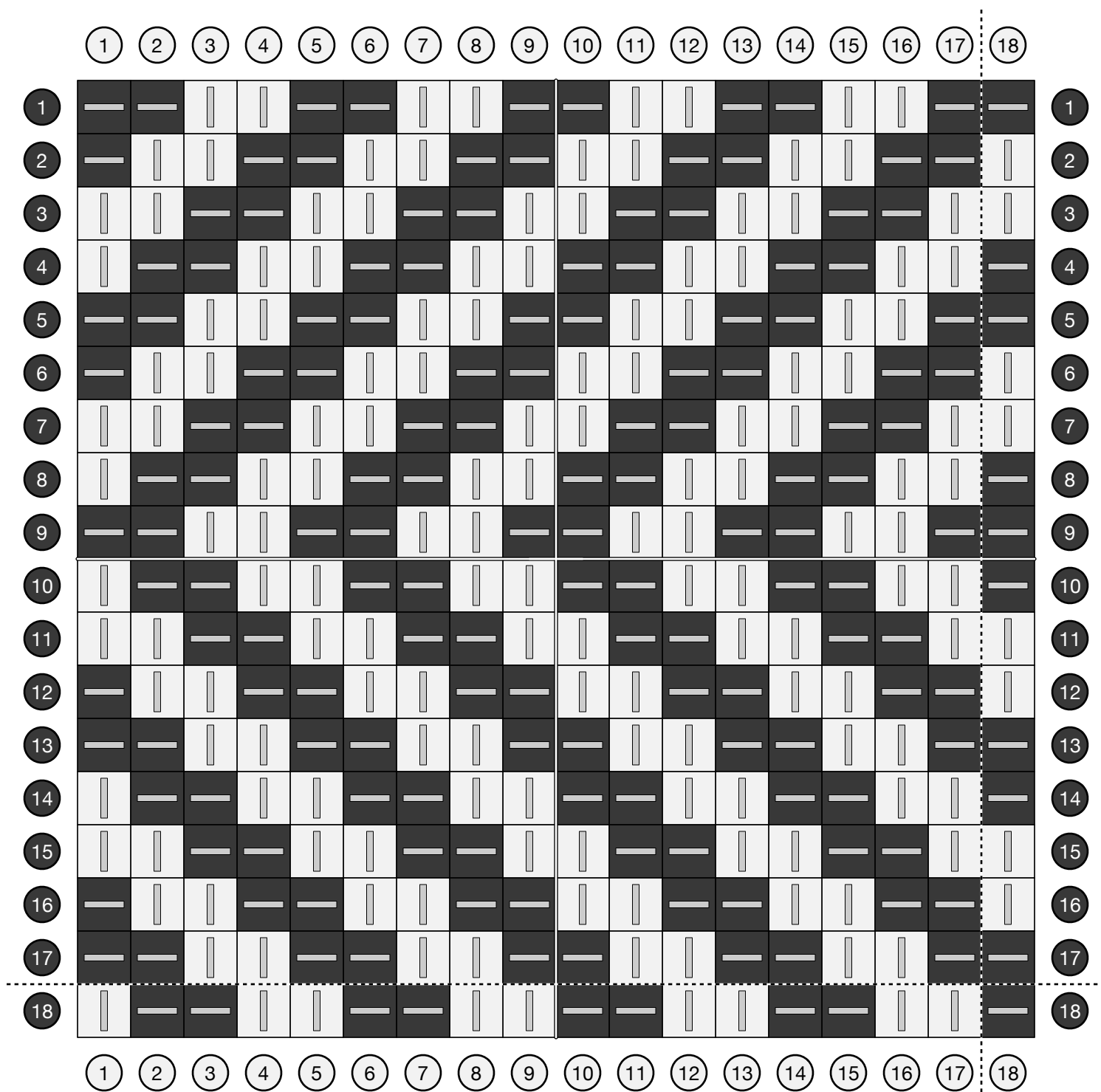
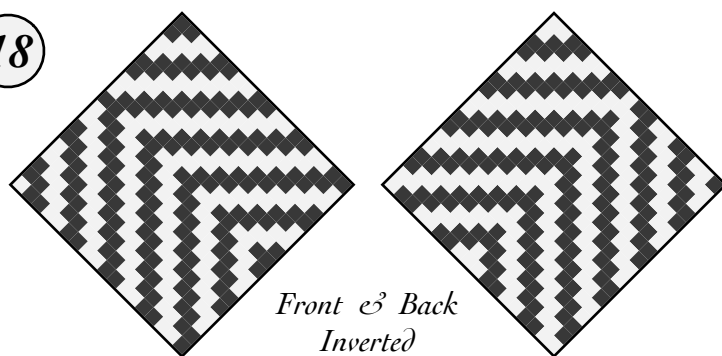
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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	



# Two-Two Twill Chevrons

18

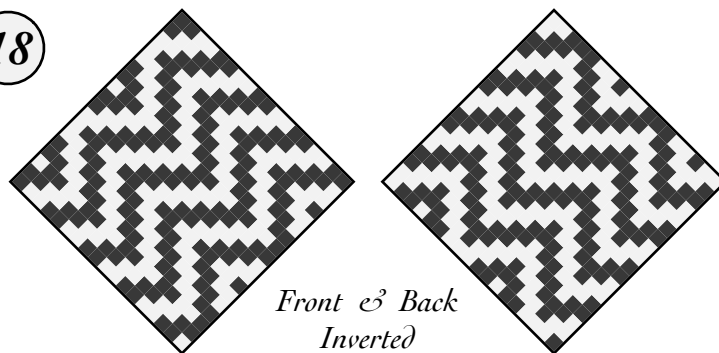
Weaving over two loops and then under two loops, shifting over by one loop on each row, produces a smooth, slightly puffy fabric.



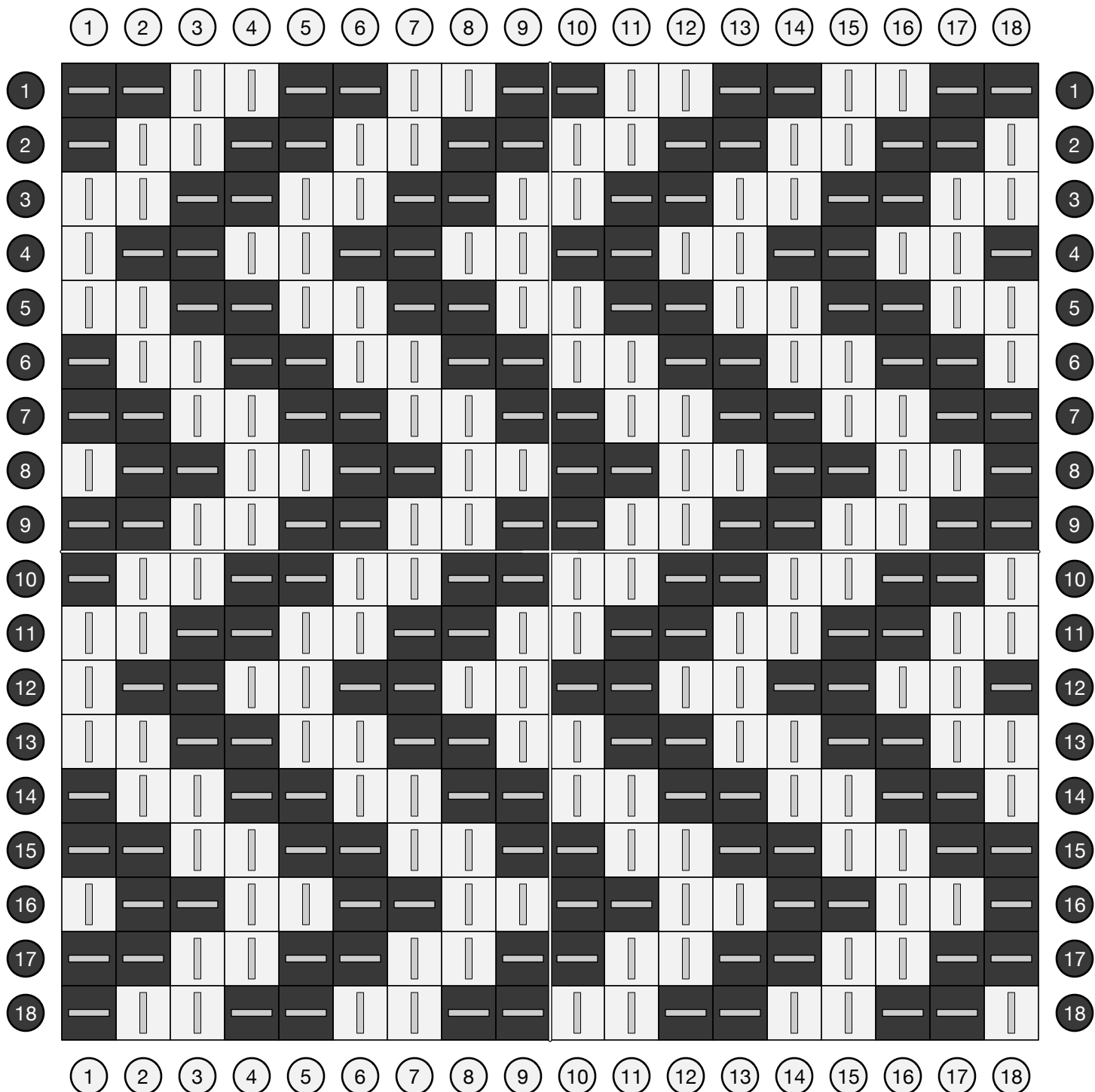
# Zig Zag Twill

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Basic twill zigzags; if you are new to twill patterns, this is a nice way to ease yourself in. Evenly-distributed floats create a puffy thickness that provides extra protection for heavy hot pots.



Charted February 2021.

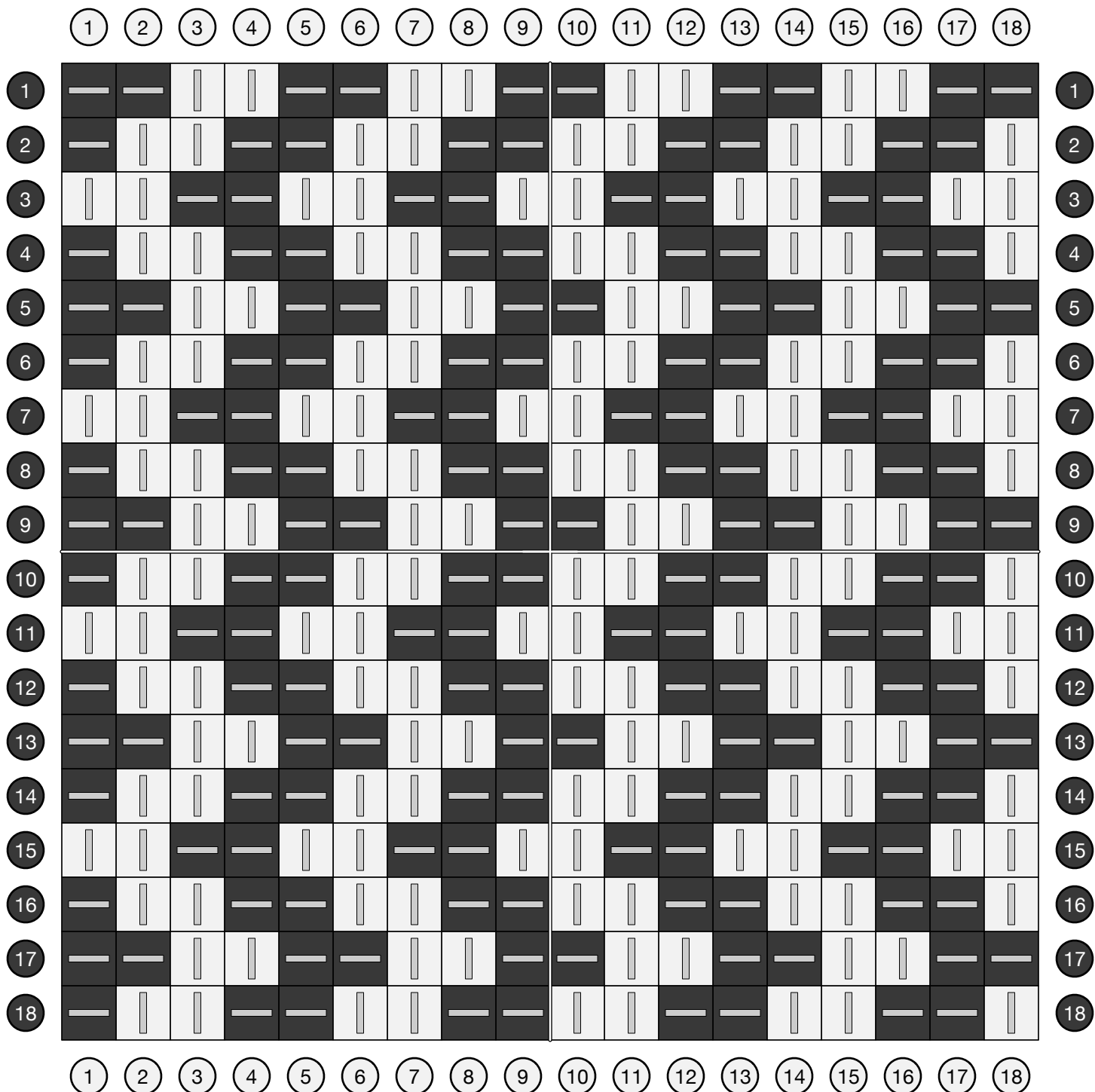
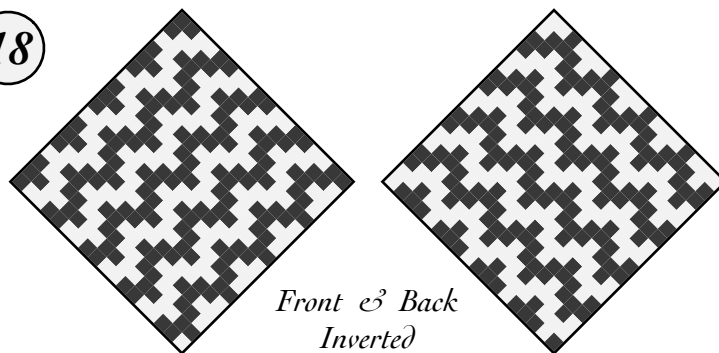


# Back and Forth Twill

Tiny twill zigzags. When removed from the loom, adjacent warps bunch up to form narrow vertical ribs.

Adapted June 2022 from handweaving.net (#40).

18

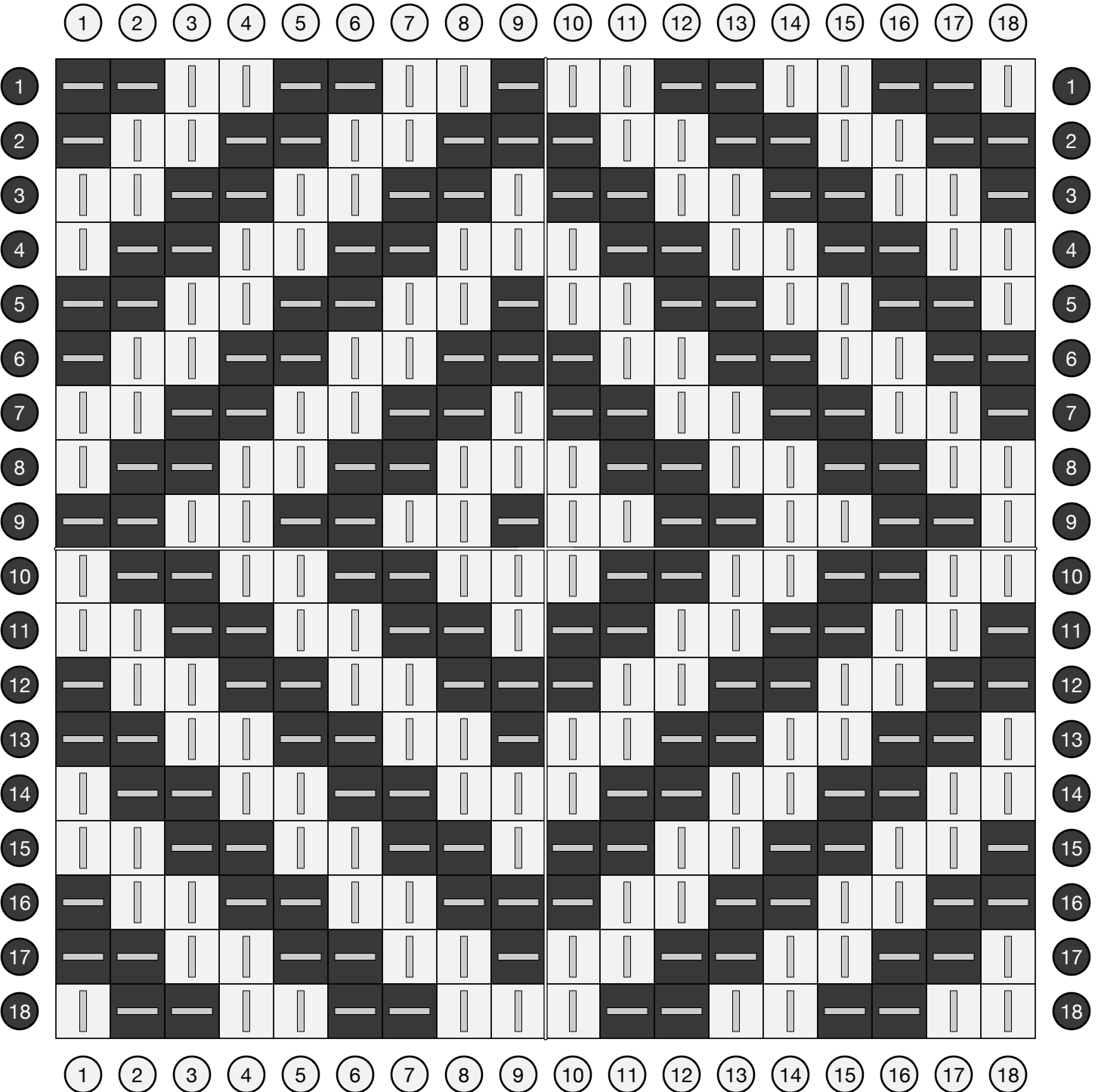
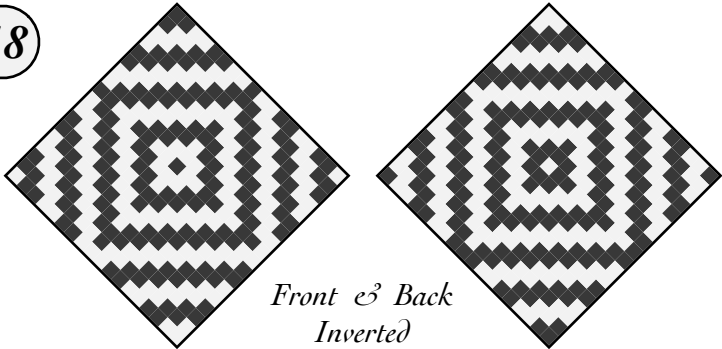


# Twill Diamond

Weaving over two loops and then under two loops, shifting over by one loop on each row, produces a smooth, slightly puffy fabric.

Charted April 2022.

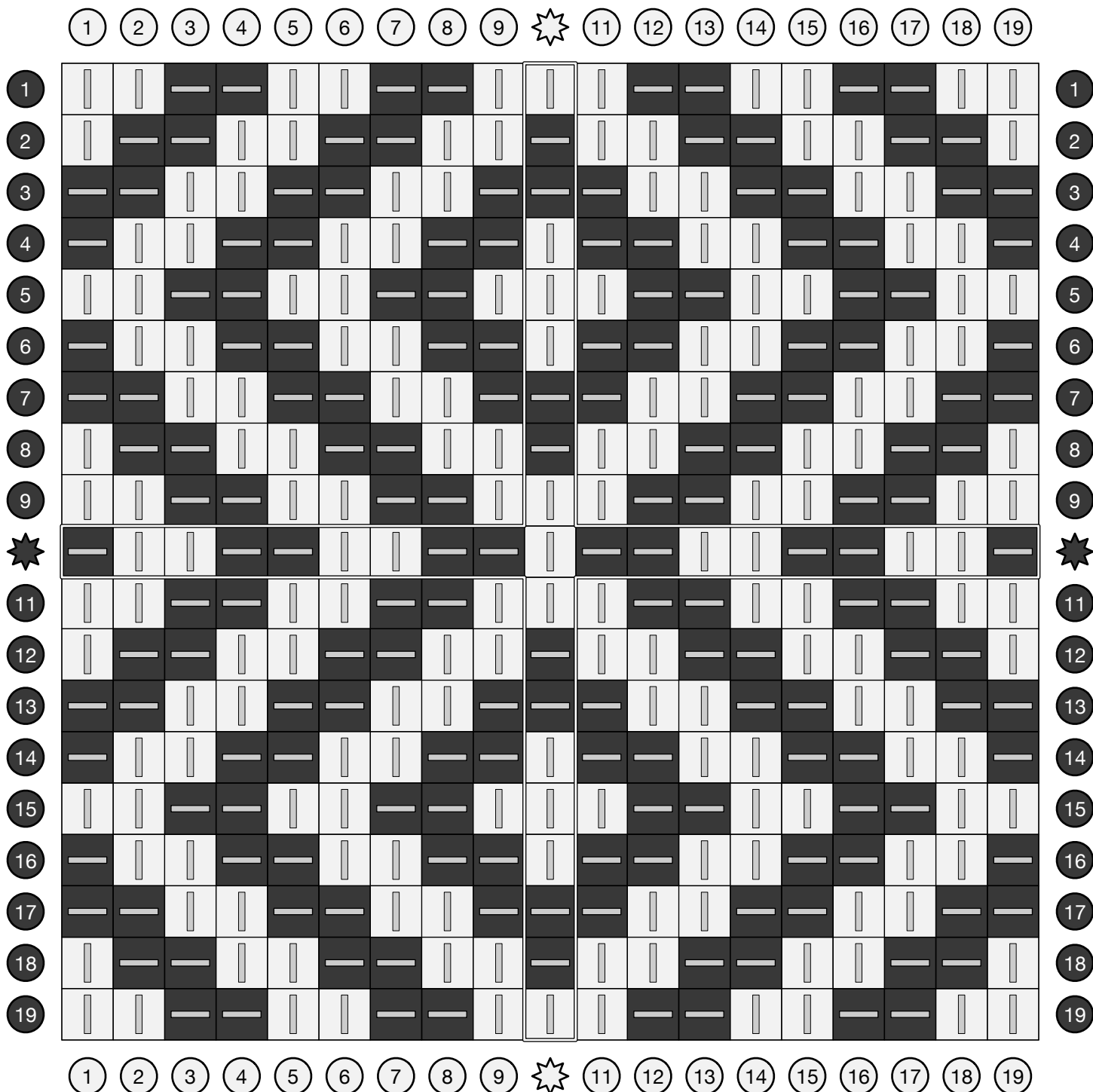
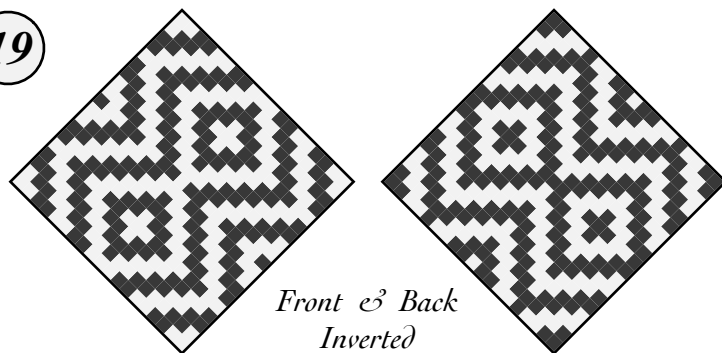
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# Twill Diamond Waves

Repeatedly reversing the direction of the twill produces a series of closely-set diamonds.

19

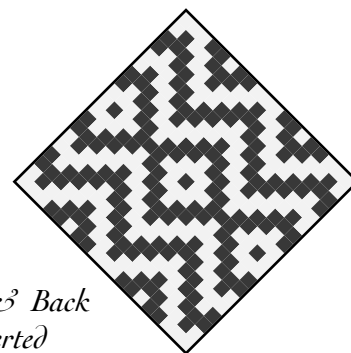
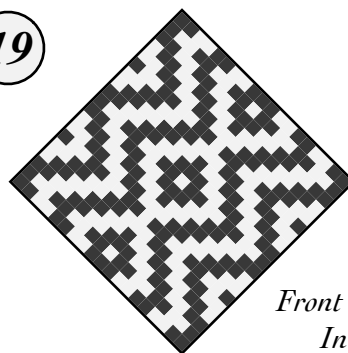


# Spots and Waves

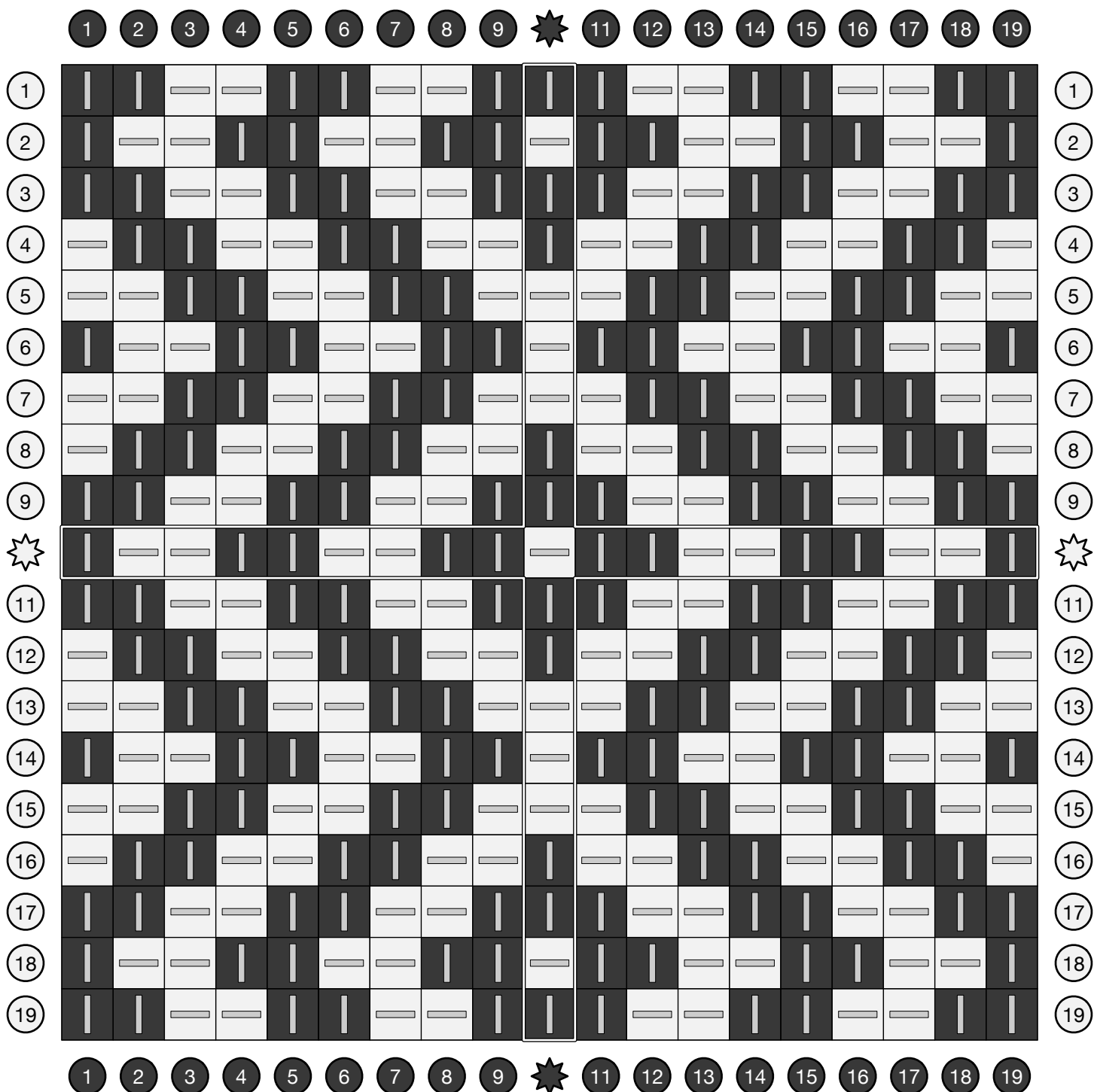
A column of spots is surrounded by zigzag lines.

Adapted from an example shared by Allie Hoffman.

19



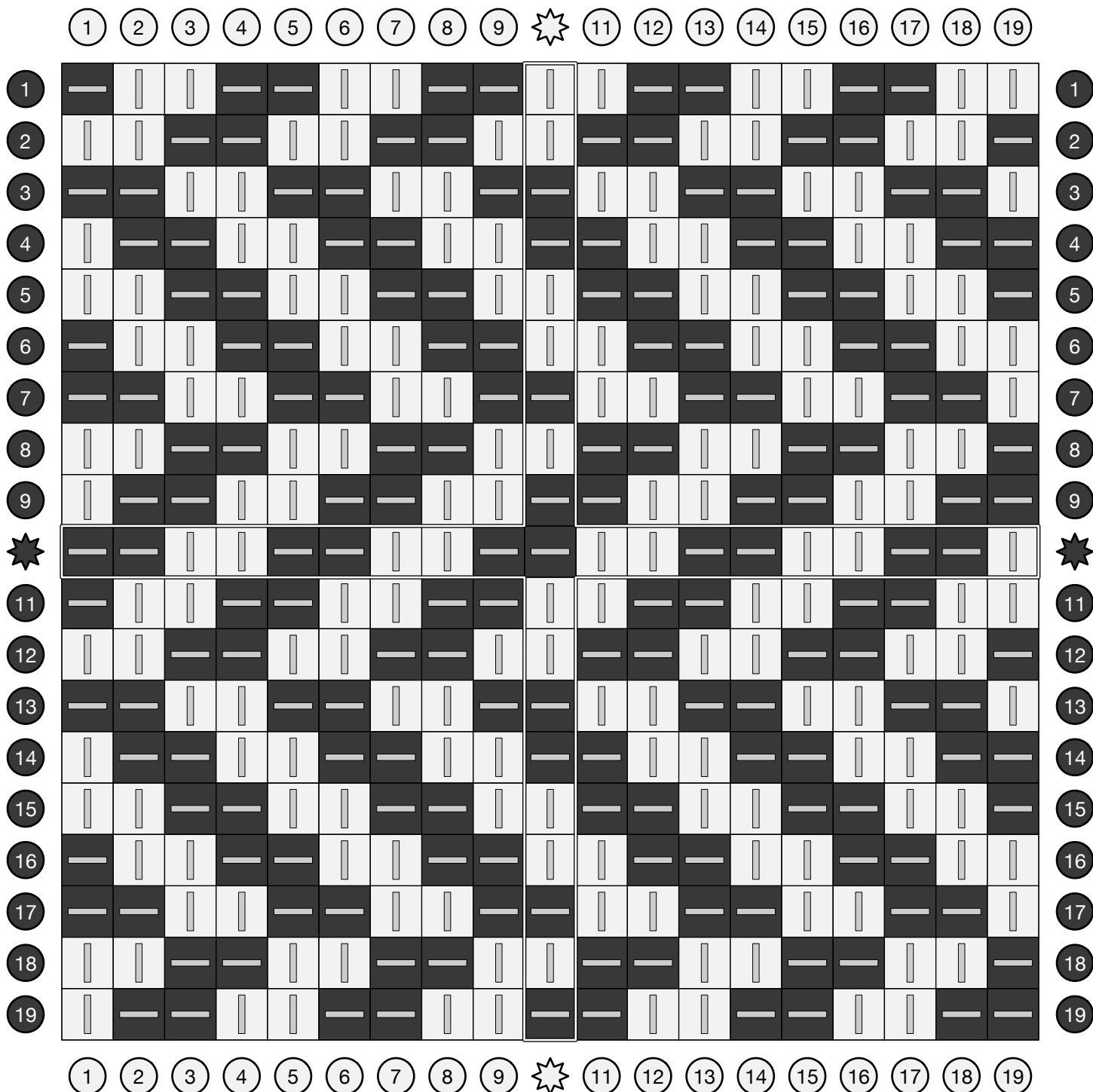
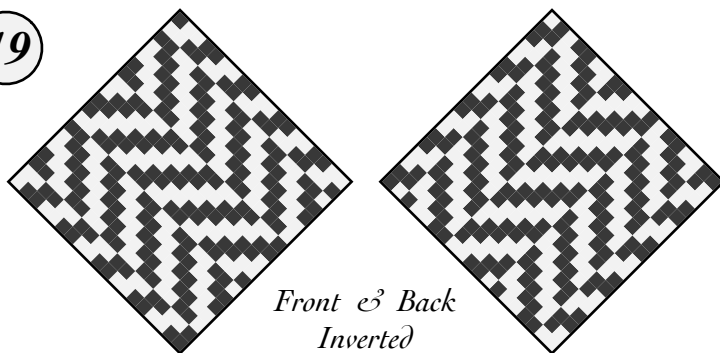
Front & Back  
Inverted



# Herringbone Twill

A two-two twill with alternating diagonals, herringbone is a traditional weaving pattern named for the rows of thin bones found in fish.

19

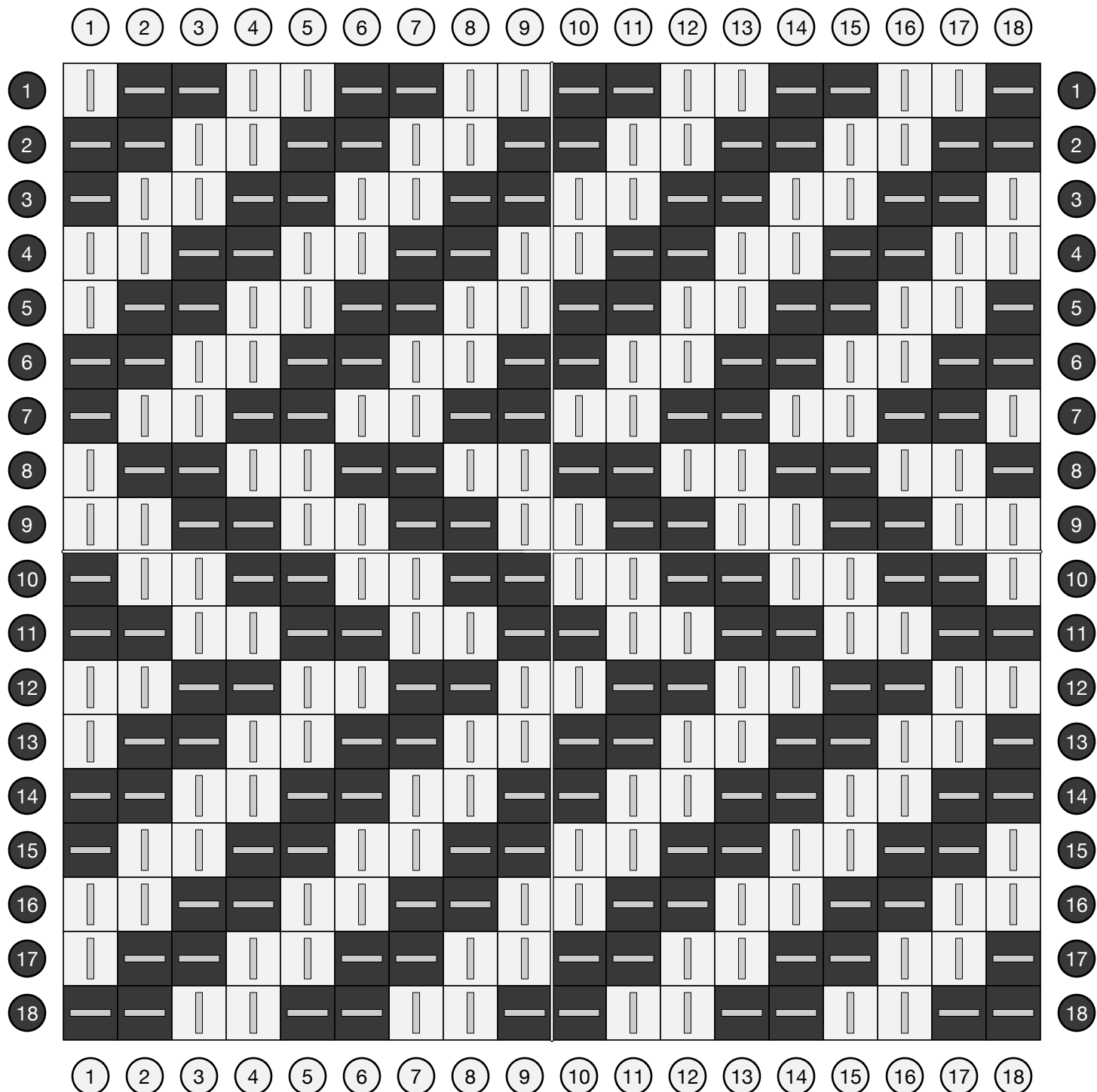
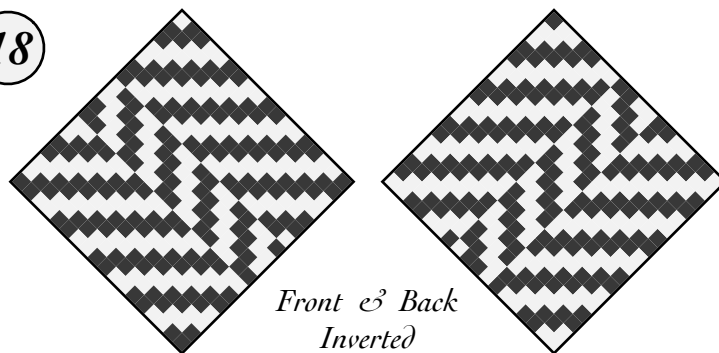


# Asymmetric Herringbone

A two-two twill with alternating diagonals, herringbone is a traditional weaving pattern named for the rows of thin bones found in fish.

Inspired by Coppergate fragment 1306.

18



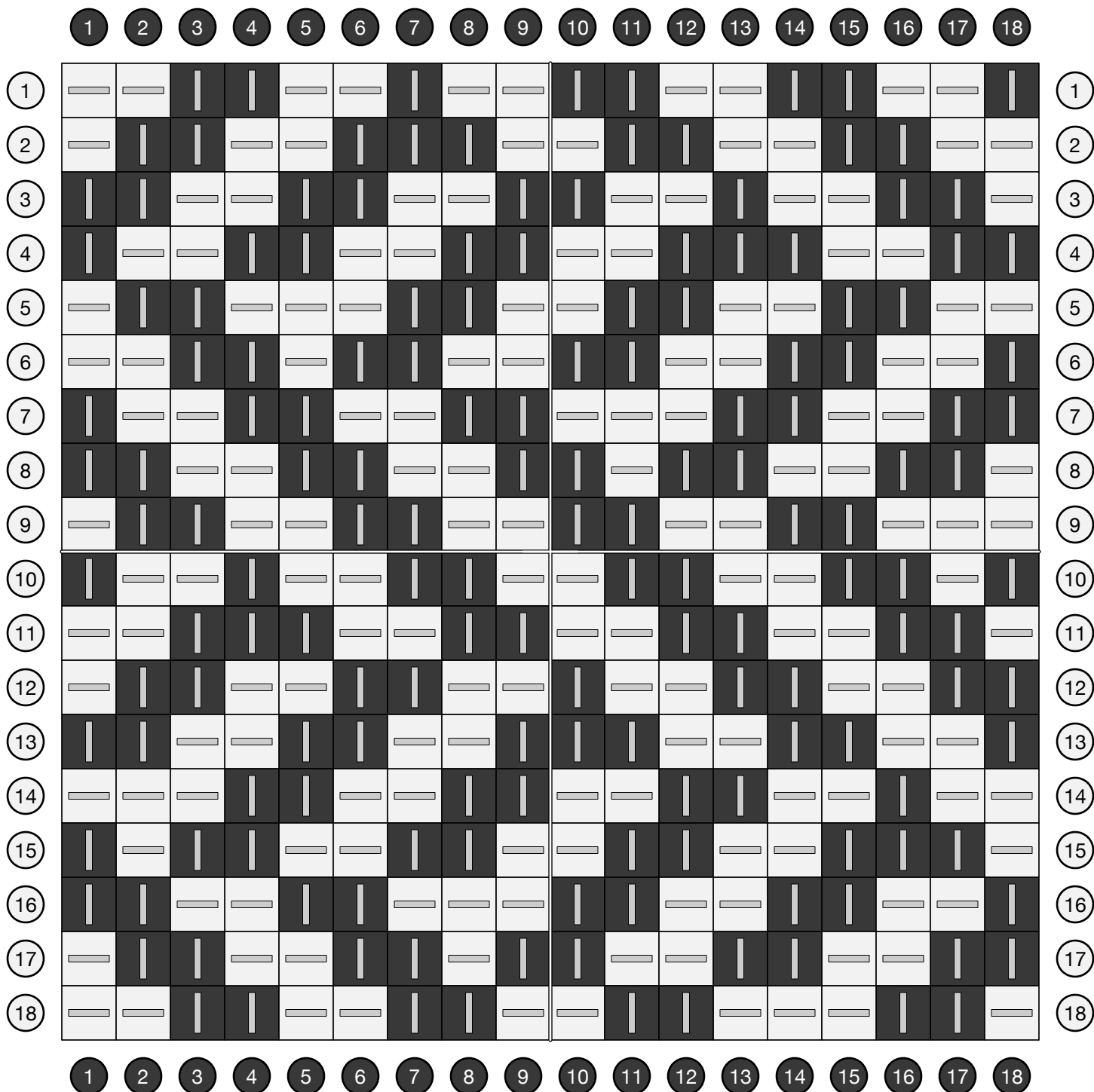
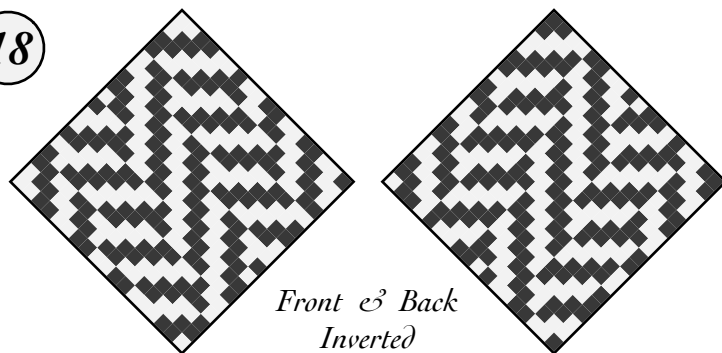


# Leaning Tower Twill

18

A simple 2-2 twill staggers slightly as it changes direction, producing stripes that shift slowly across the pattern in a most unexpected way.

Adapted from *2500 Armature - Intreccio Per Tessuti Di Lana, Cotone, Rayon, Seta* by Eugenio Poma (1947), archived at [handweaving.net](http://handweaving.net) (#43548).

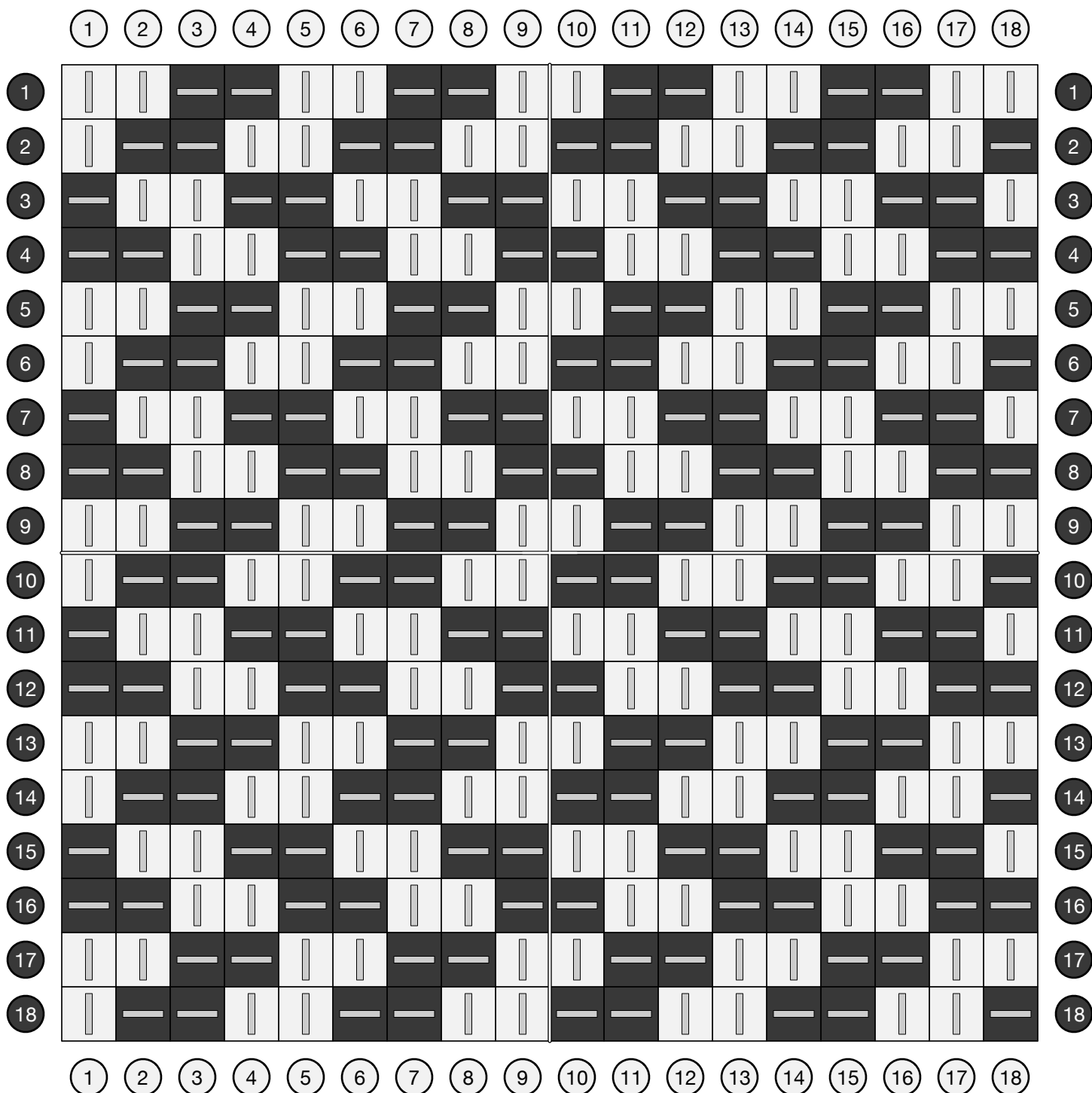
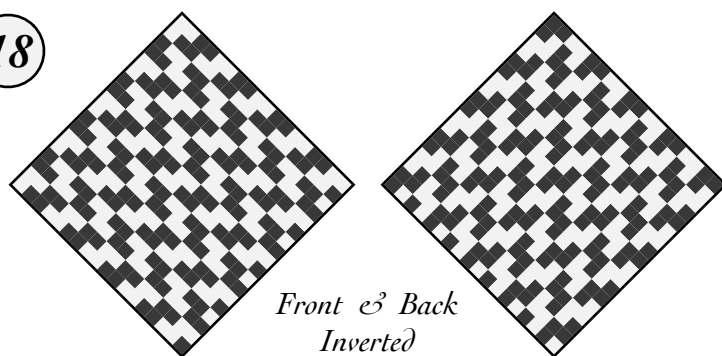


# Kreuzköper

18

With a German name meaning "cross twill," this is a two-two twill with broken chevrons reversing every two rows.

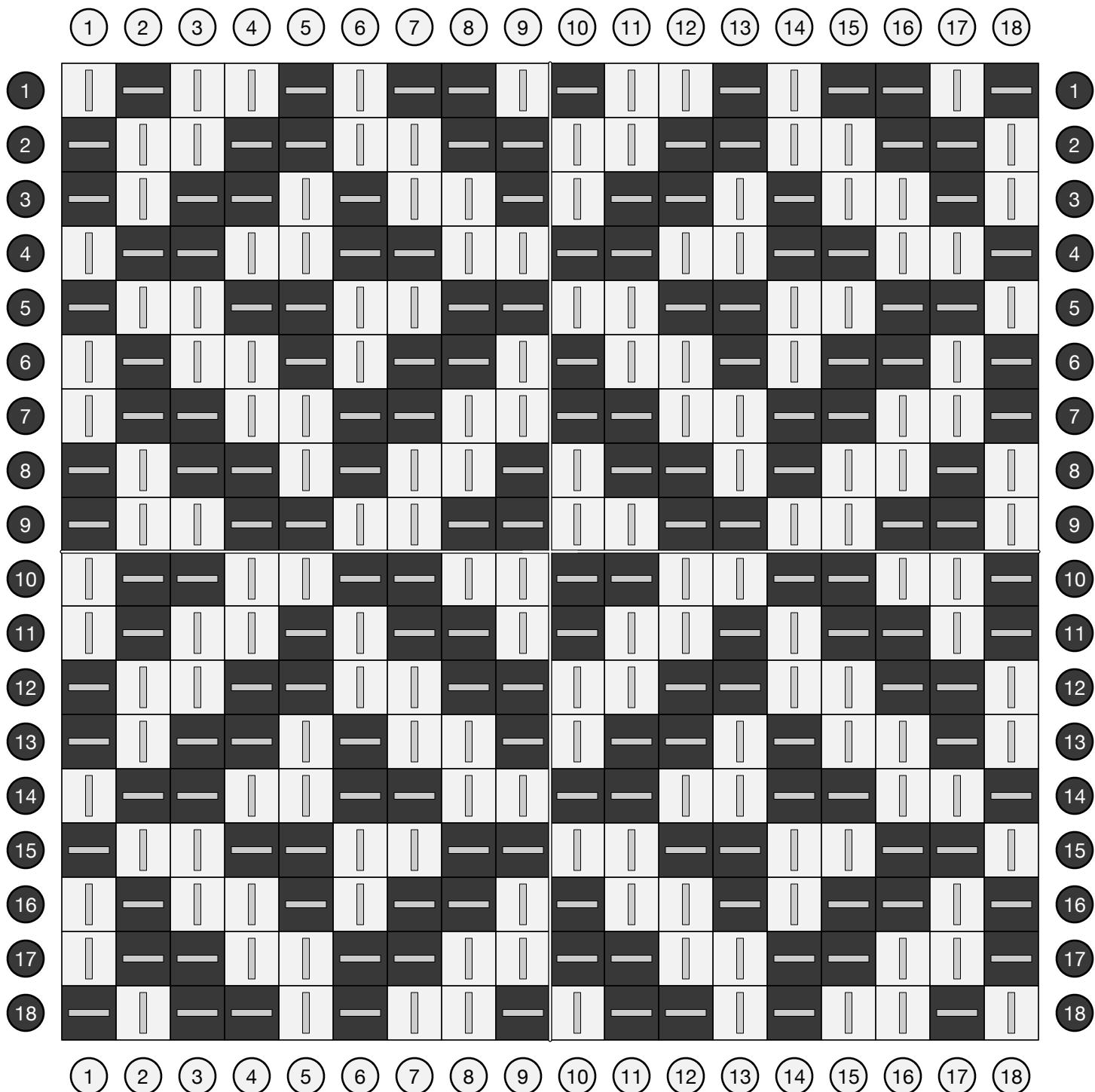
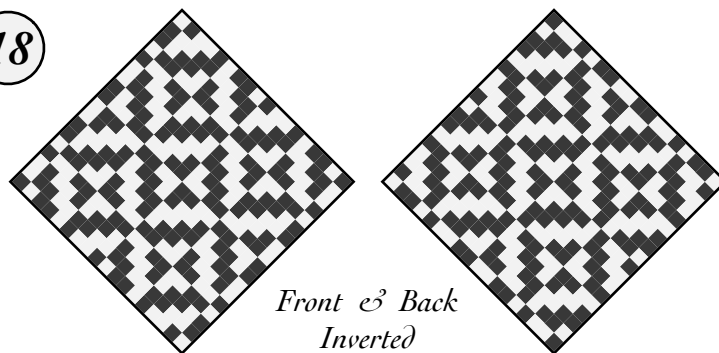
This weave was common throughout northern Europe during the early medieval period.



# Broken Lozenge Twill (4/5)

18

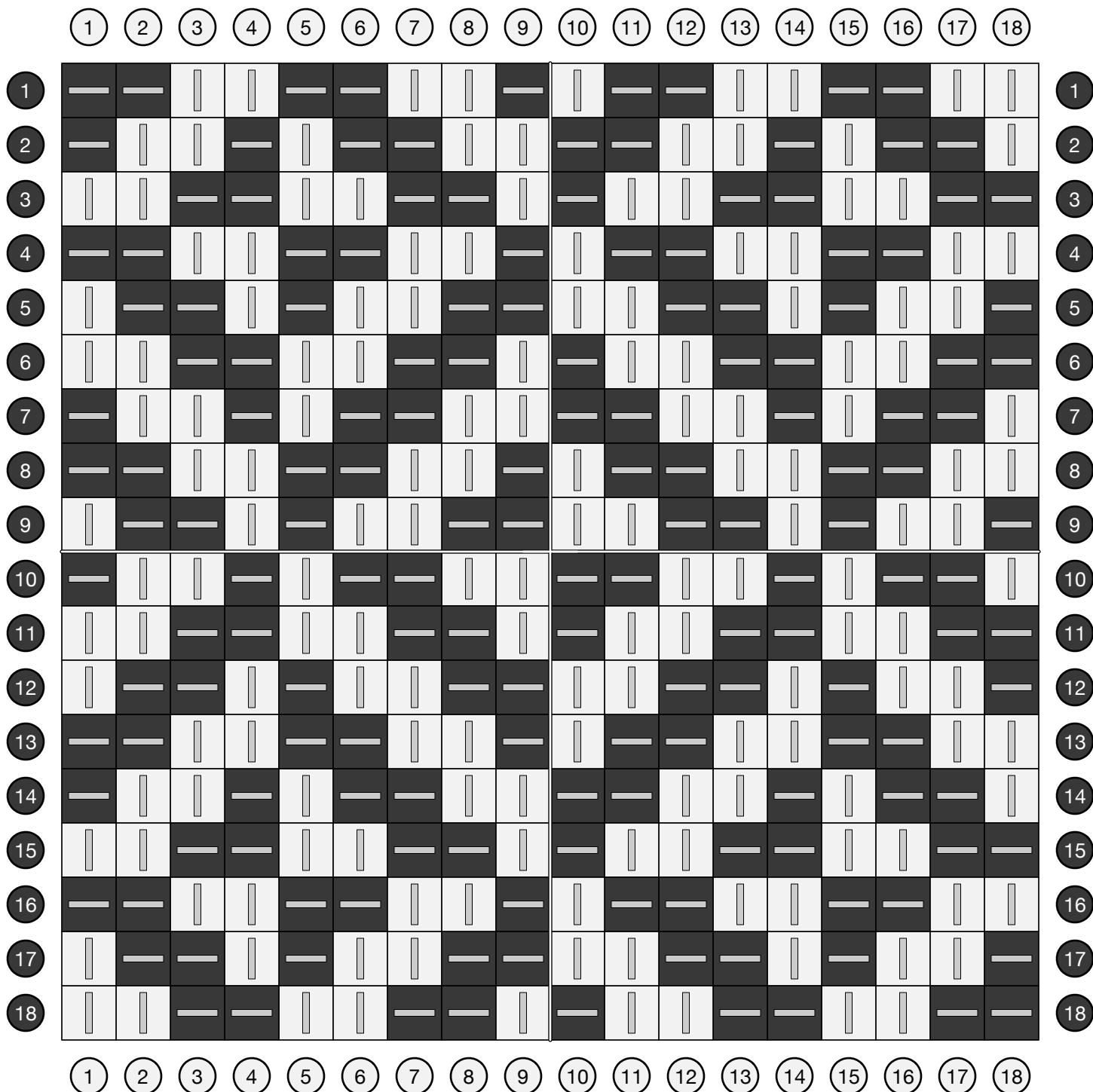
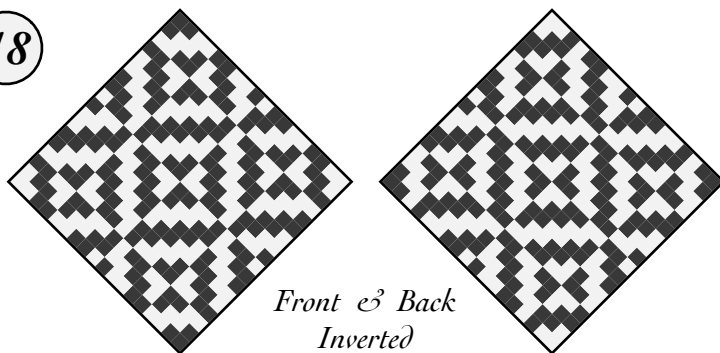
Broken 2/2 chevron blocks.



# Broken Lozenge Twill (5/6)

Broken 2/2 chevron blocks.

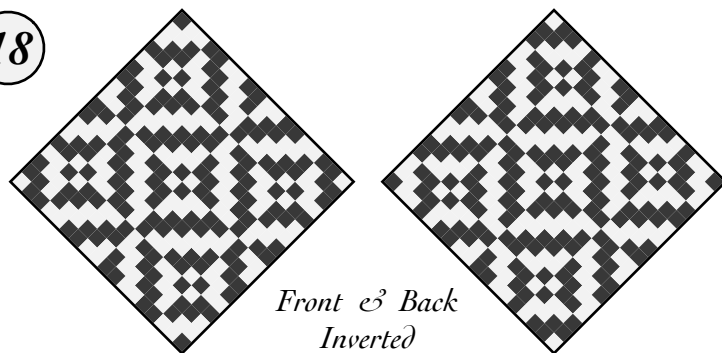
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# Broken Lozenge Twill (6/5)

Broken 2/2 chevron blocks.

18

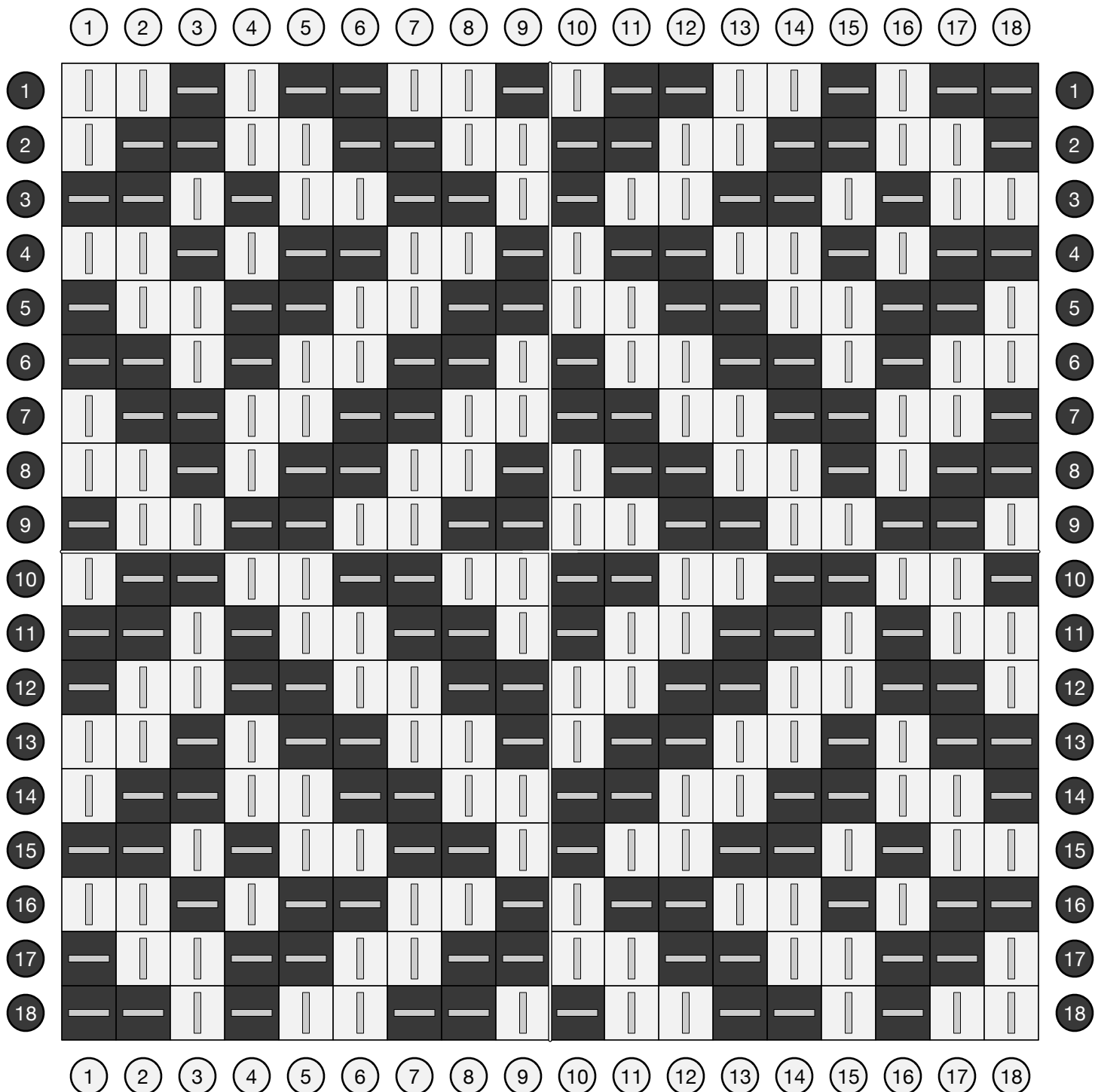
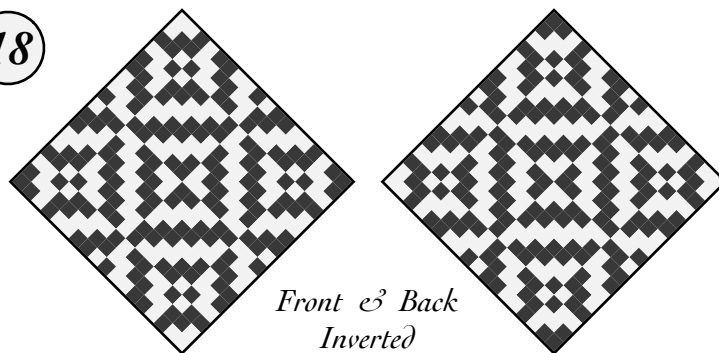


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18		—	—			—	—			—	—			—	—			—	18

# Broken Lozenge Twill (6/6)

Broken 2/2 chevron blocks.

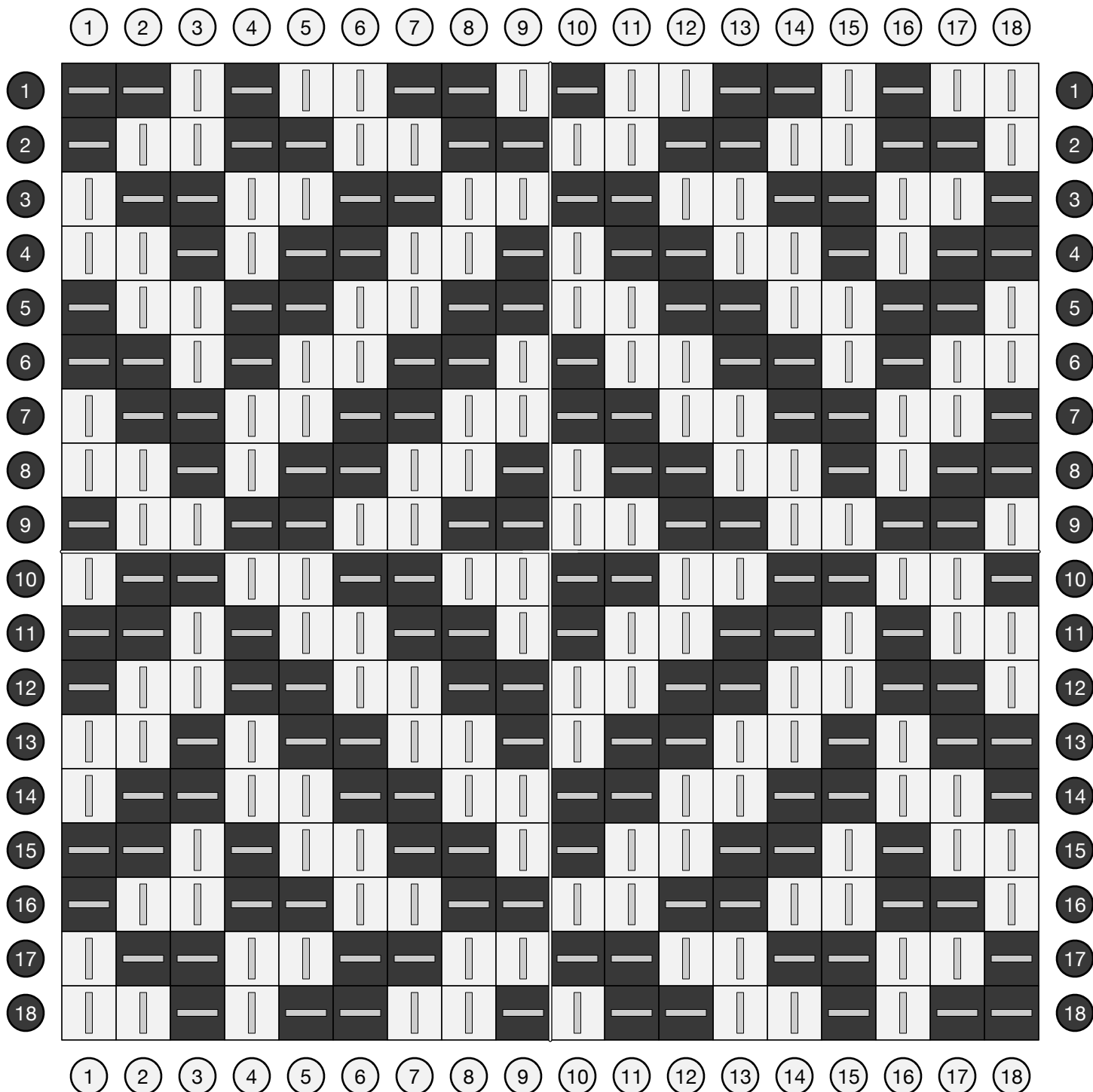
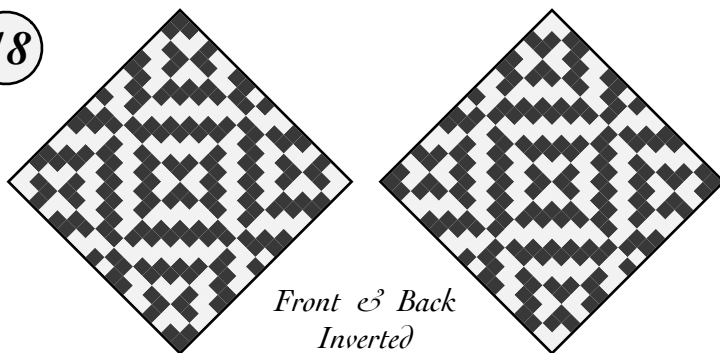
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# Broken Lozenge Twill (6/7)

Broken 2/2 chevron blocks.

18

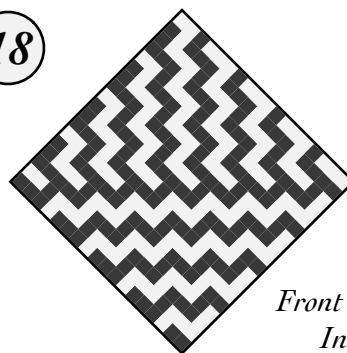


# Cross Breeze

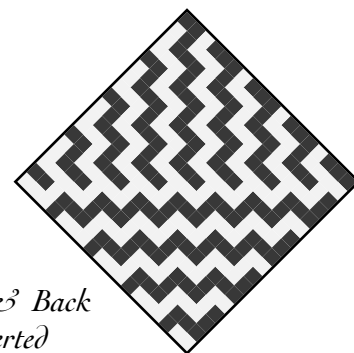
The flexibility and substance of the over-2/under-2 twill fabric provides a safe grip on hot pots while a long diagonal of under-3 twills creates a natural crease from corner to corner to fold around handles.

An original design from December 2021.

18



Front & Back  
Inverted



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
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18		—	—			—	—			—	—			—	—			—	18

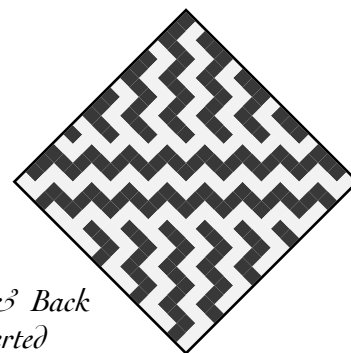
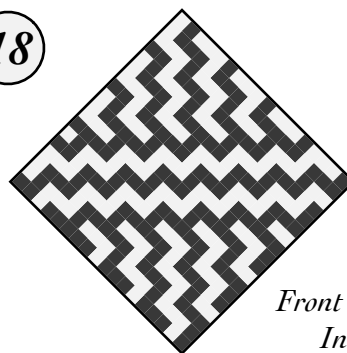


# Rick Rack

The consistent diagonal 2/2 twill fabric is interrupted by a perpendicular ridge.

An original design from December 2021, adapted for 18-peg looms in April 2022.

18



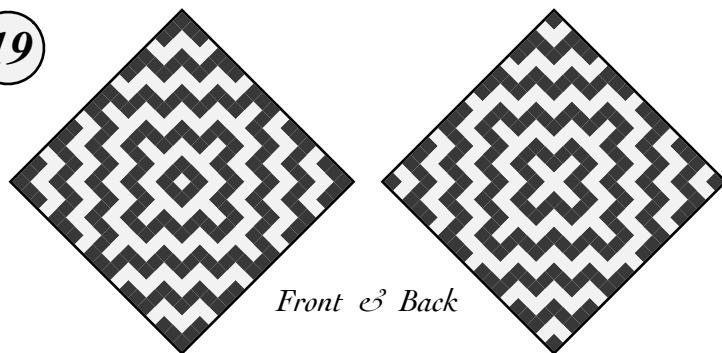
Front & Back  
Inverted

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
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7	—	—			—	—			—	—			—	—			—		7
8	—			—	—		—	—			—	—		—	—		—	—	8
9			—	—			—	—			—	—			—	—			9
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12	—		—	—			—			—	—		—	—			—	—	12
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16			—			—	—		—	—			—	—			—	—	16
17				—	—			—	—			—	—			—	—		17
18	—			—	—		—	—			—	—			—	—			18
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	

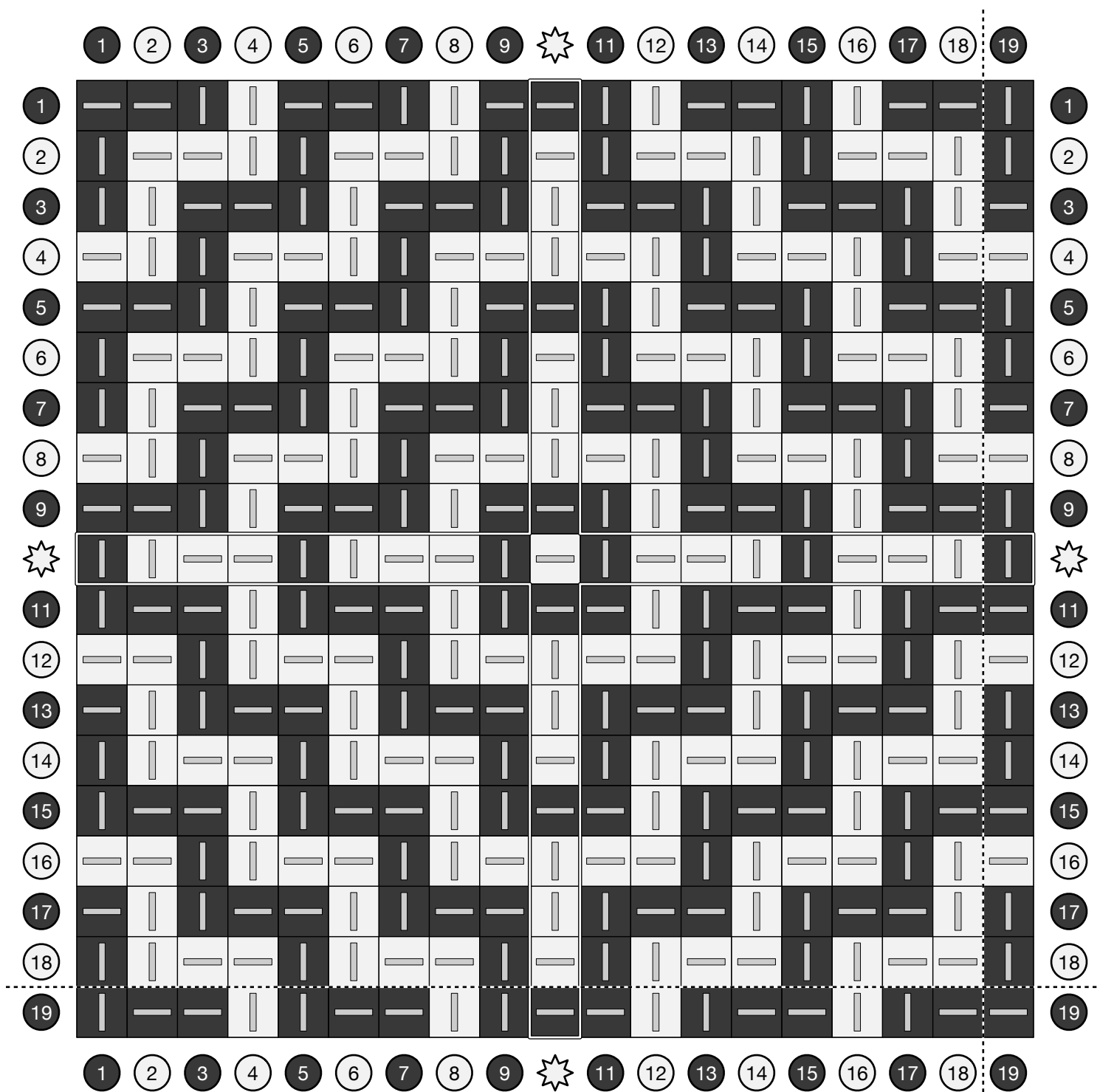
# Twill Step Diamond

19

This two-two twill step pattern changes direction as it crosses the center line, folding back on itself to form a zigzag diamond.



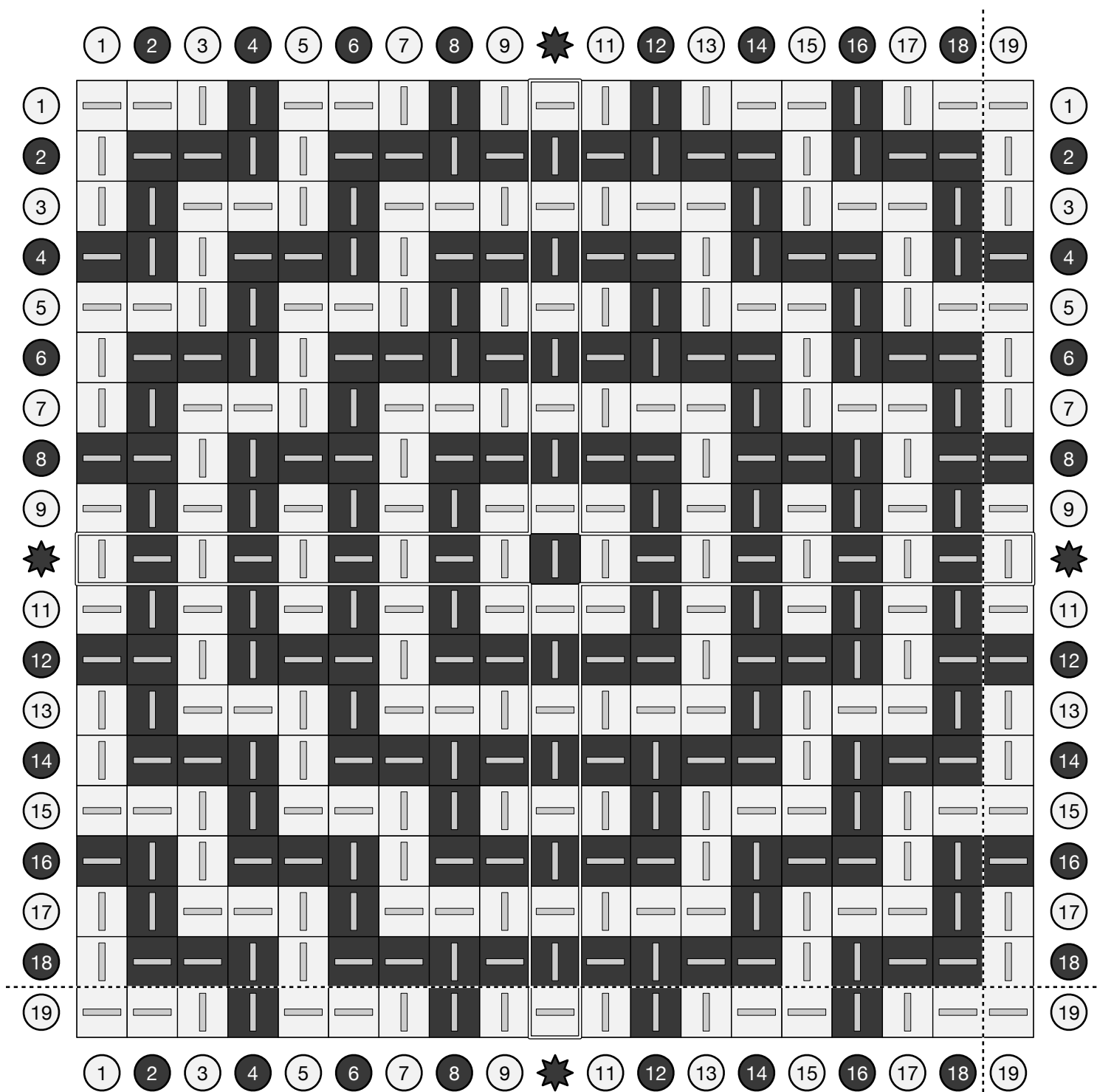
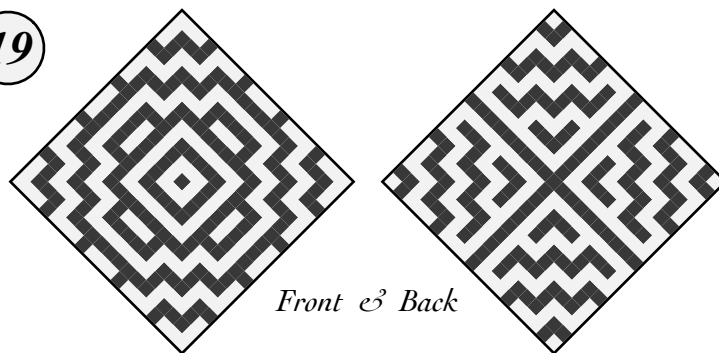
Front & Back



# Chladni Wave Plate

A combination of straight lines and diagonal steps forms an enclosed form, with a striking cross on the other side.

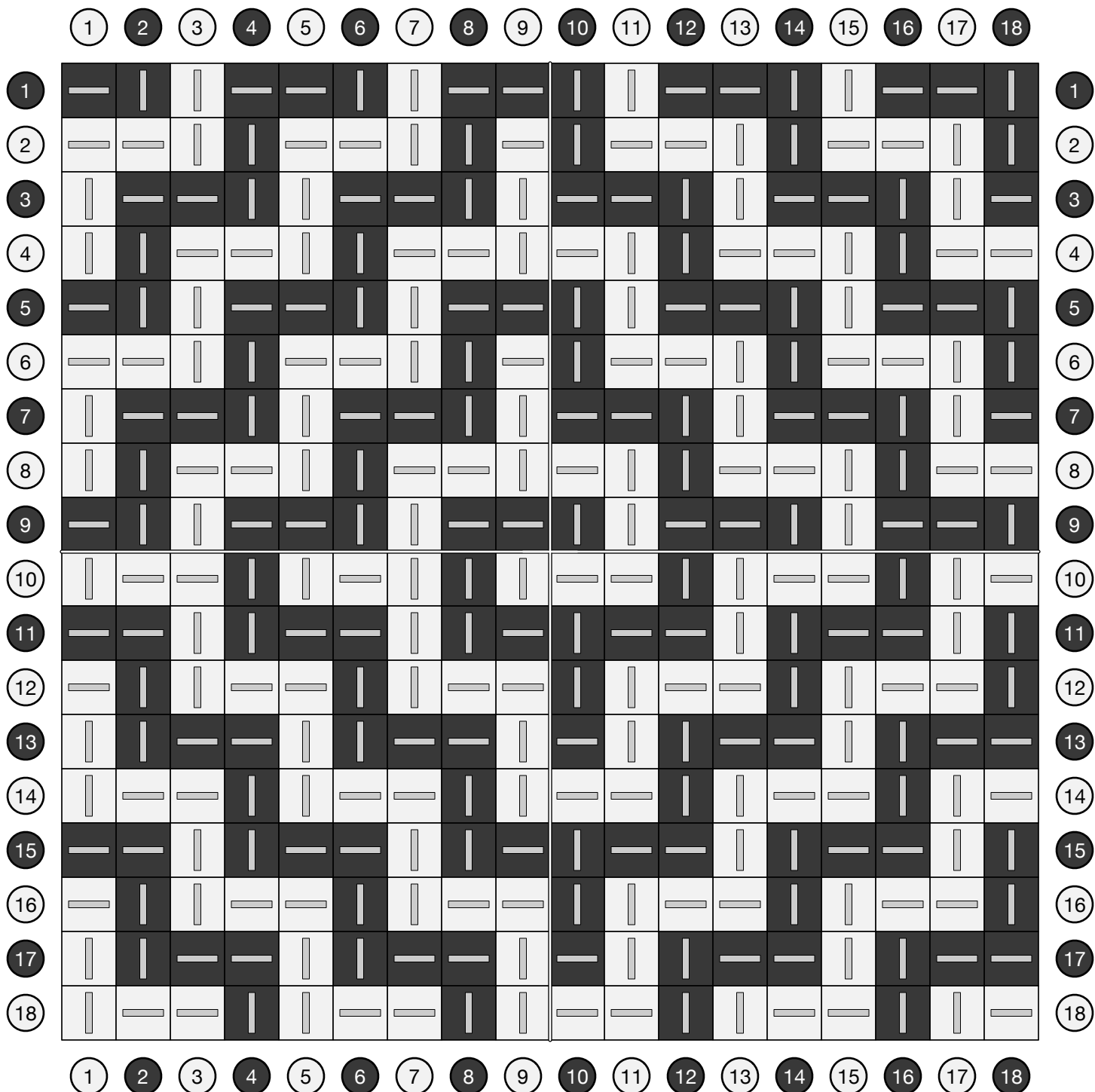
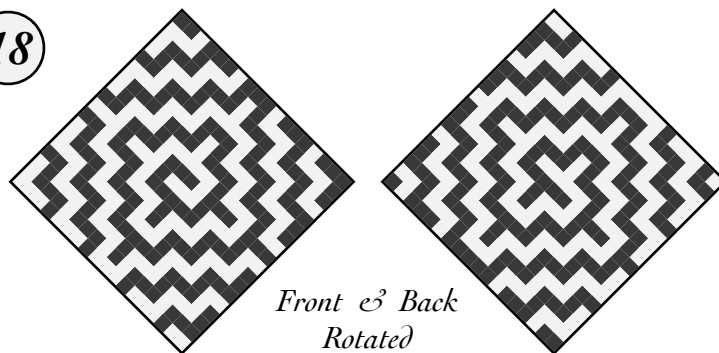
19



# Diamond Spiral

Adapted from *Die färbige Gewebemusterung* by Franz Donat (1907), archived at [handweaving.net](http://handweaving.net) (#63886).

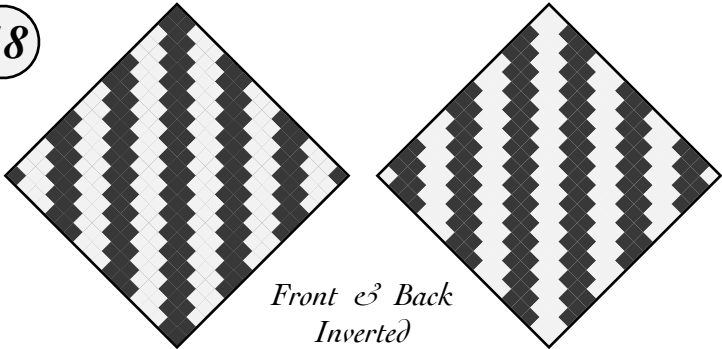
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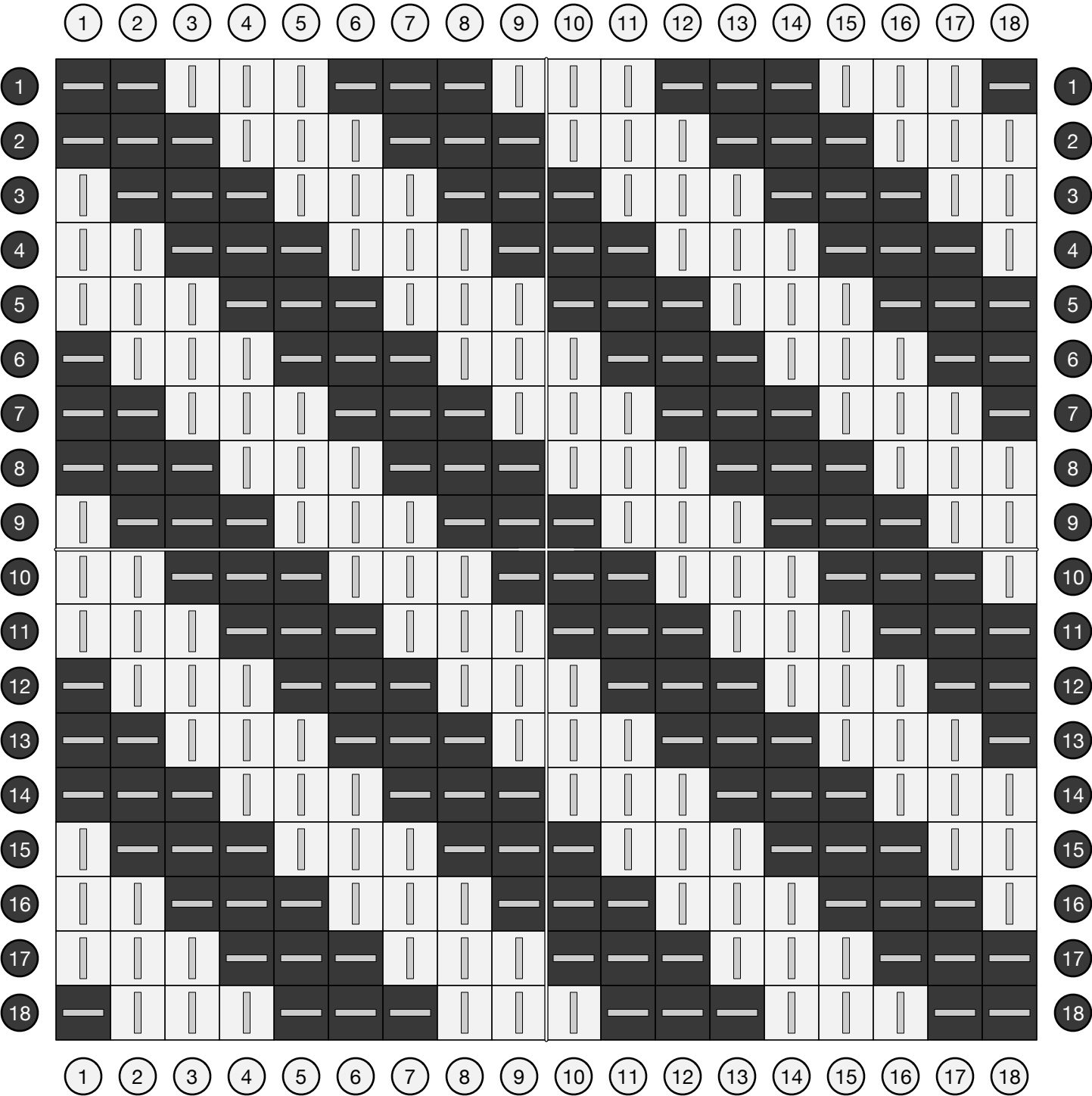
# Three-Three Twill

Pulls up even more than two-two twill, creating a smaller potholder with remarkably thick fabric.

18



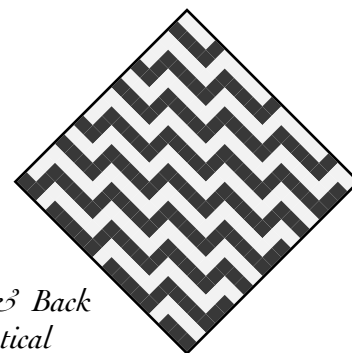
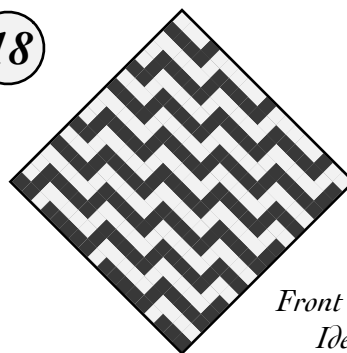
Front & Back  
Inverted



# Three-Three Twill Steps

Pulls up even more than two-two twill, creating a smaller potholder with remarkably thick fabric.

18



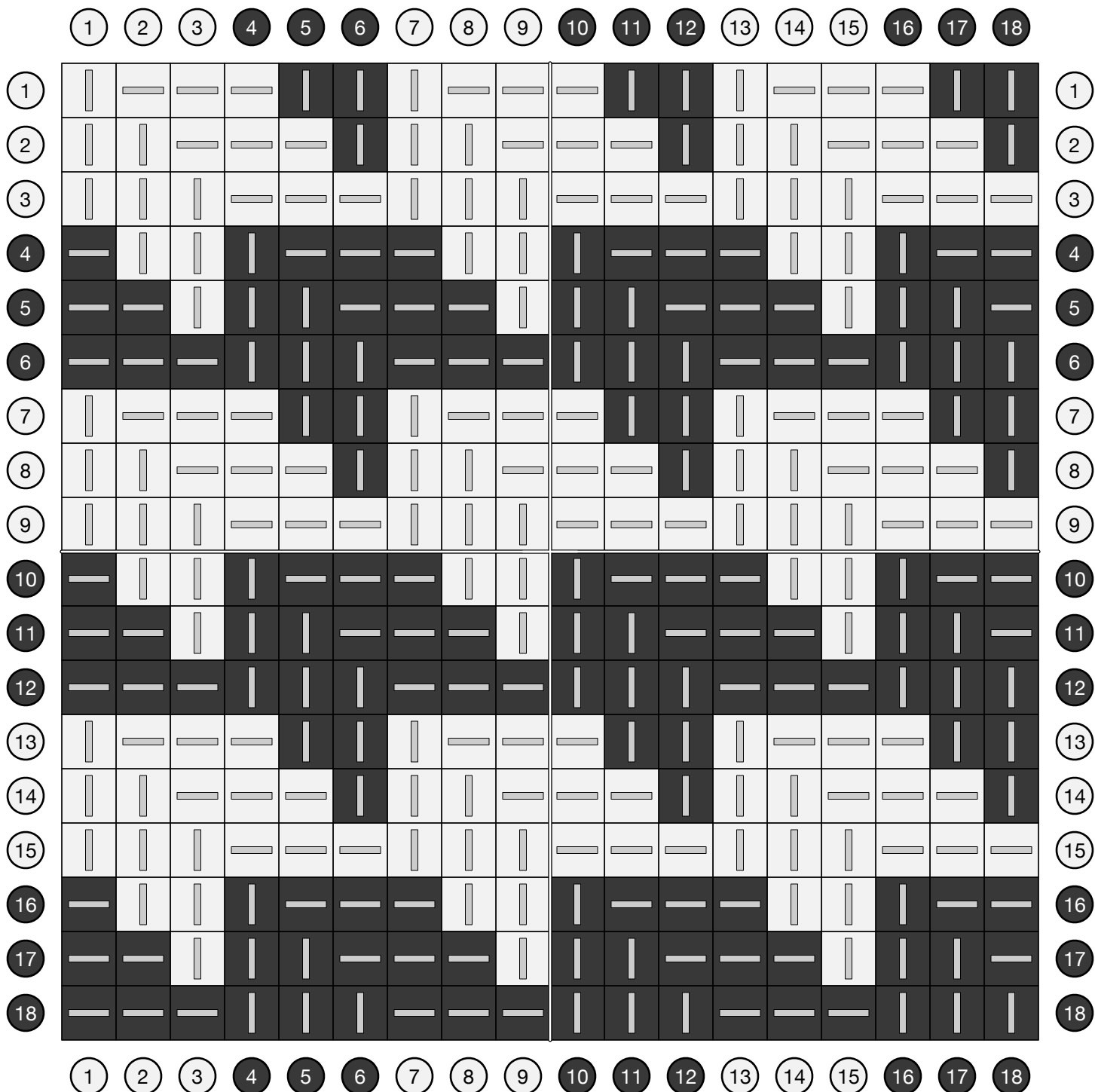
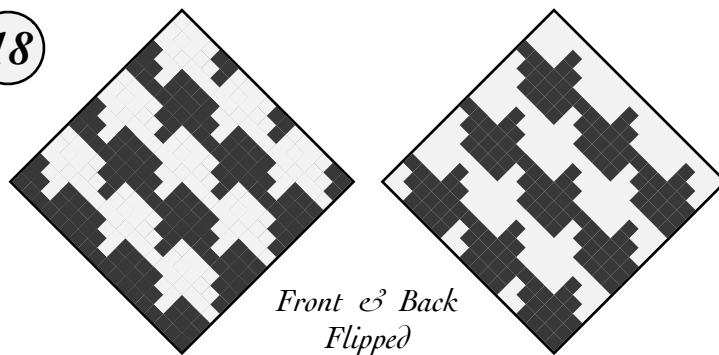
Front & Back  
Identical

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
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15		—	—	—				—	—	—			—	—	—				15
16			—	—	—				—	—	—			—	—	—			16
17				—	—	—				—	—	—				—	—	—	17
18	—				—	—	—				—	—	—				—	—	18
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	

# Three-Three Twill Fletching

18

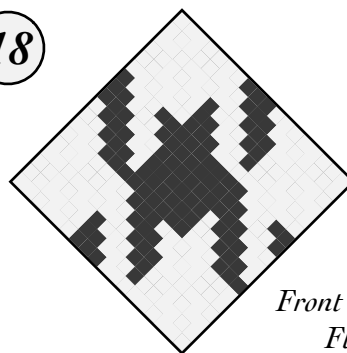
Pulls up even more than two-two twill, creating a smaller potholder with remarkably thick fabric.



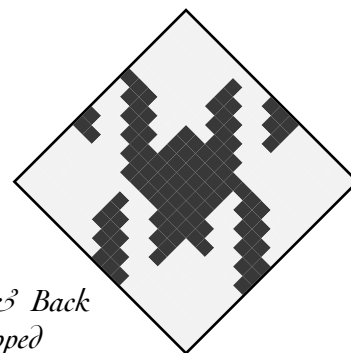
# Three-Three Houndstooth

Pulls up even more than two-two twill, creating a smaller potholder with remarkably thick fabric.

18



Front & Back  
Flipped



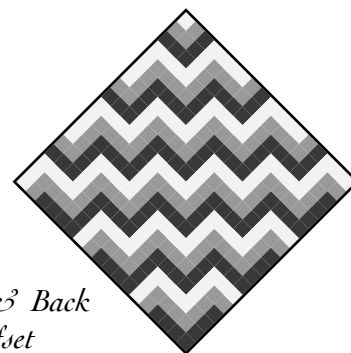
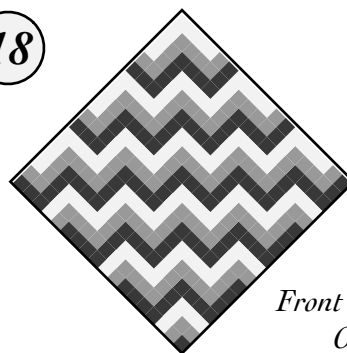
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
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17			—	—	—				—	—	—			—	—	—			17
18				—	—	—				—	—	—				—	—	—	18
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	



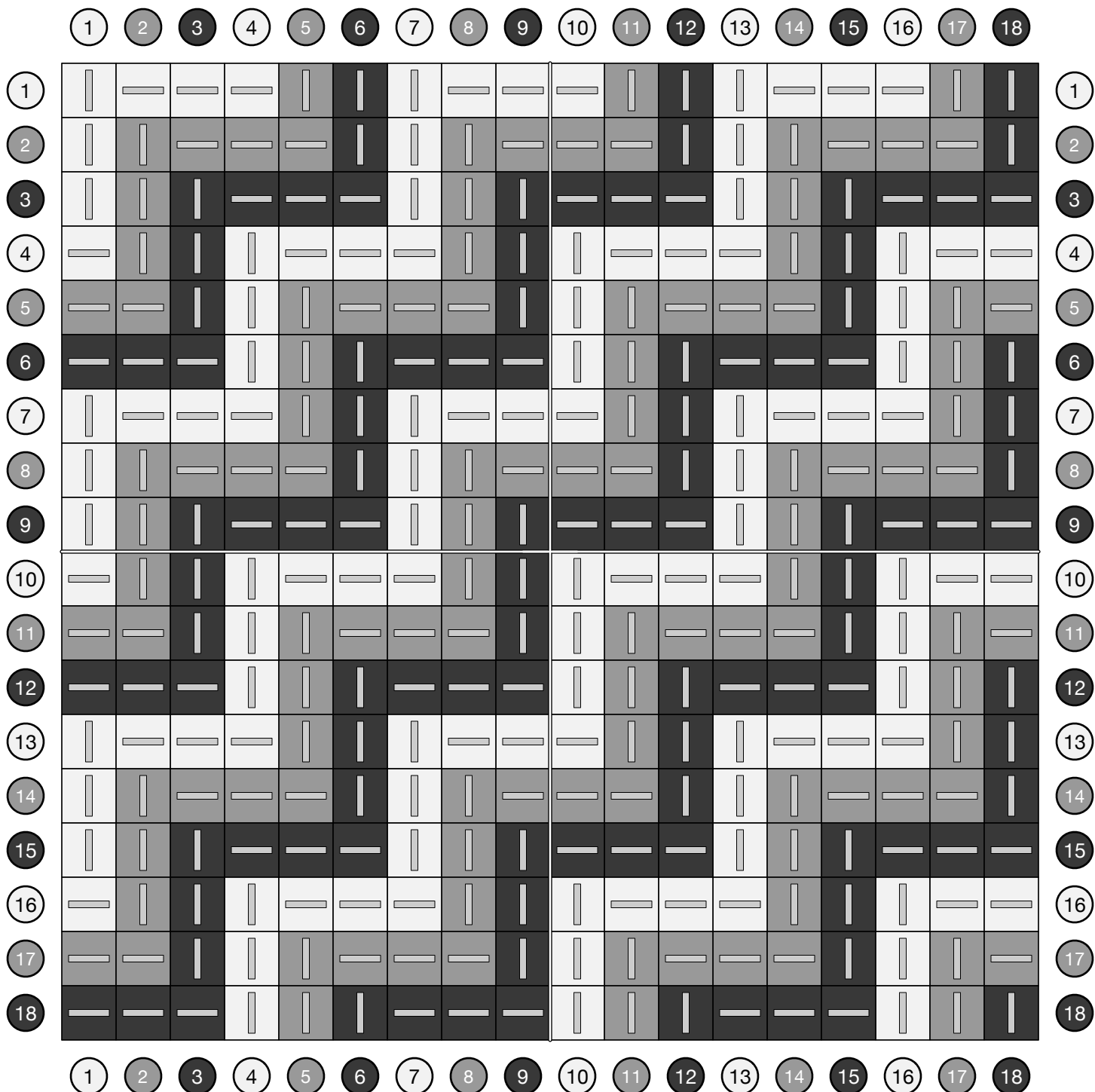
# Tri-Color Twill Steps

A thick twill weave with alternating three-color threading produces a regular pattern of diagonal steps.

18

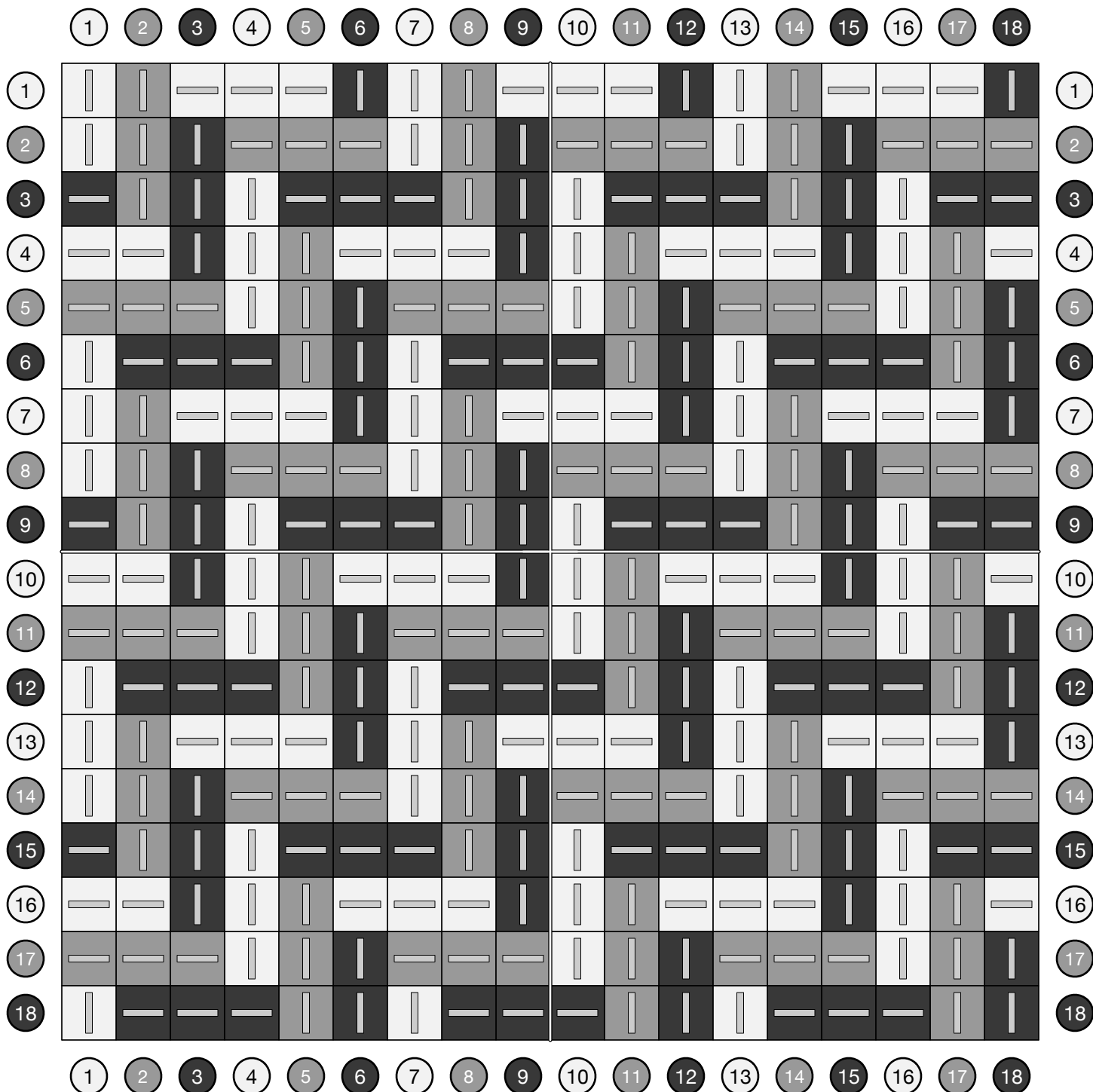
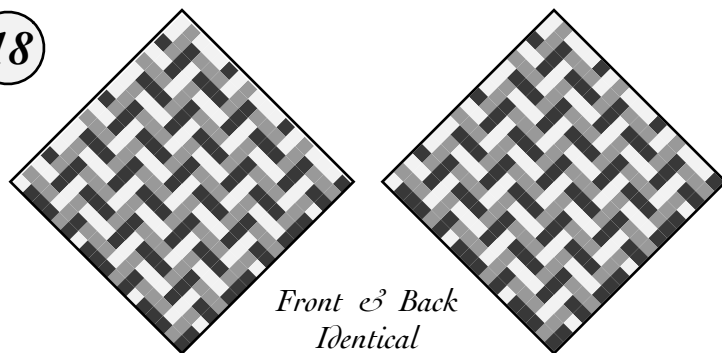


Front & Back  
Offset



# Tri-Color Twill Herringbone (18)

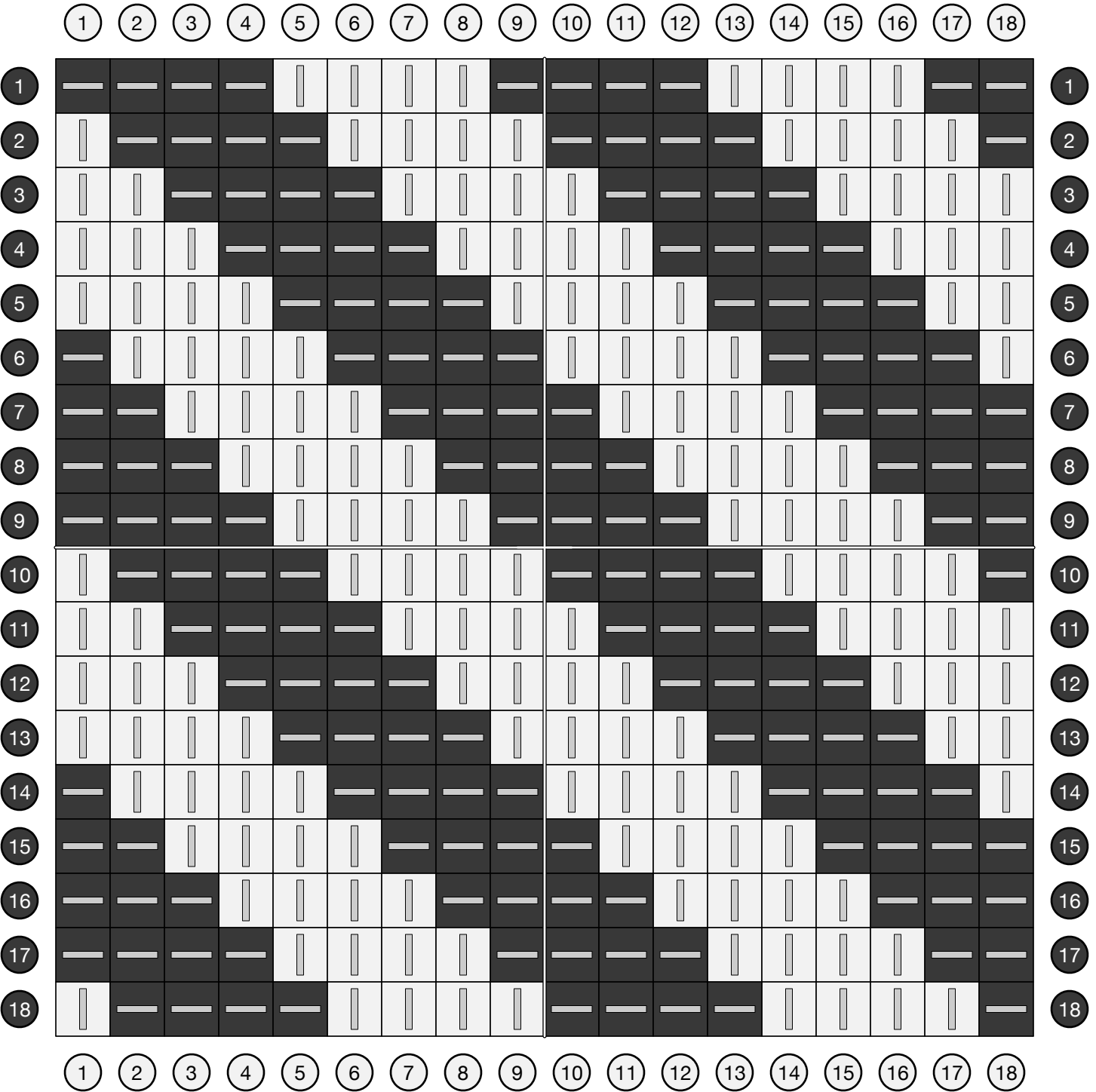
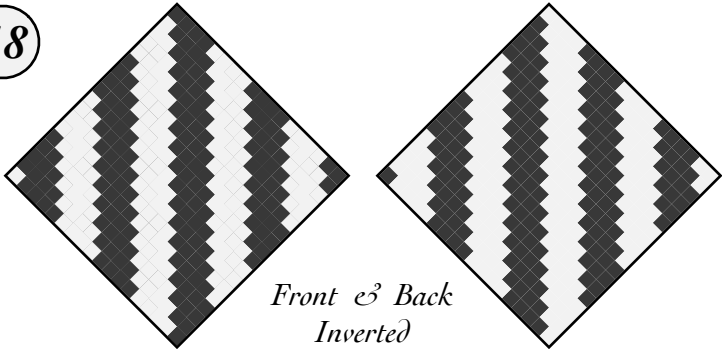
A thick twill weave with alternating three-color threading produces a regular pattern of short bars turned in both directions.



# Four-Four Twill

Pulls up even more than two-two twill, creating a smaller potholder with remarkably thick fabric.

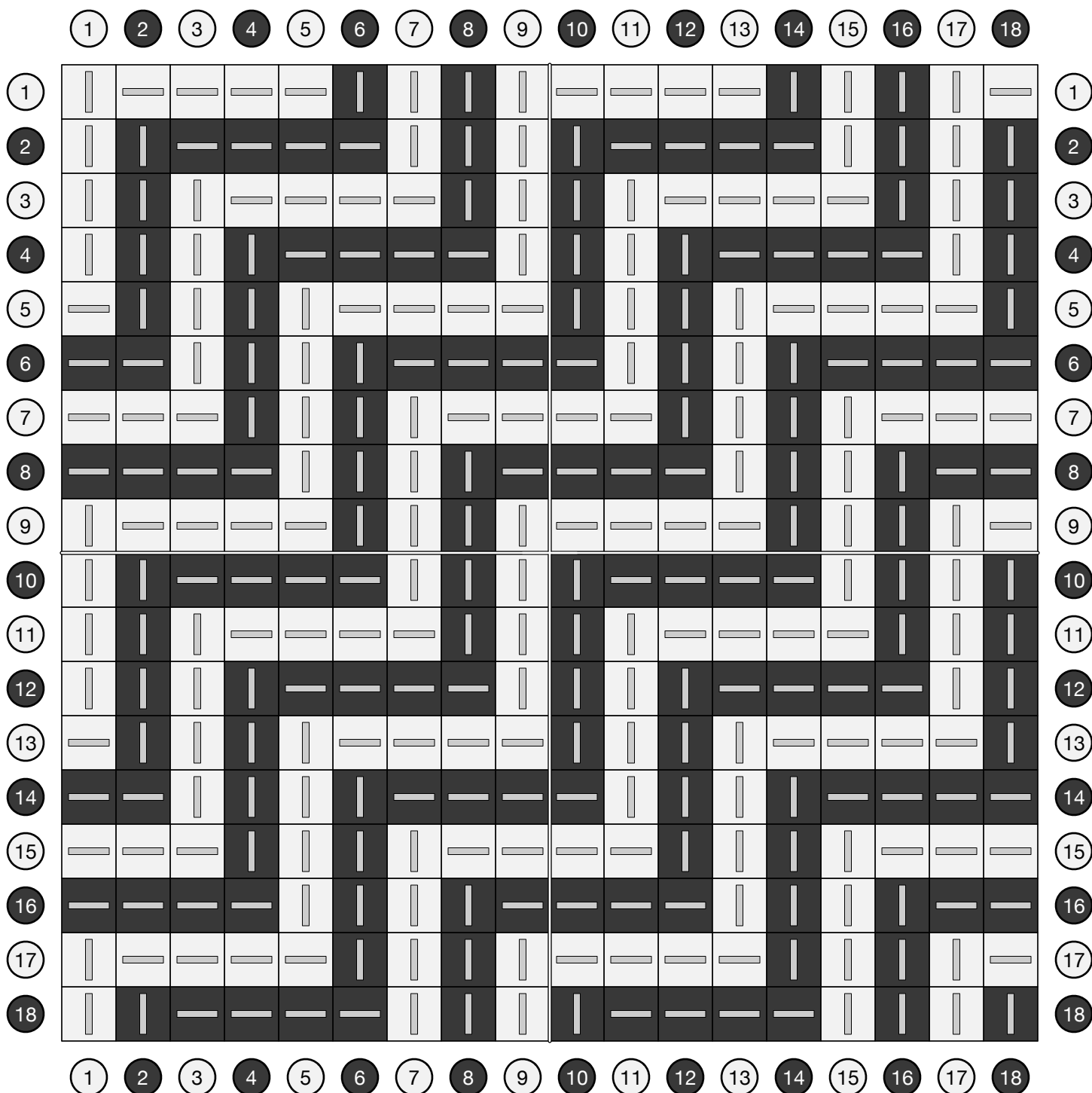
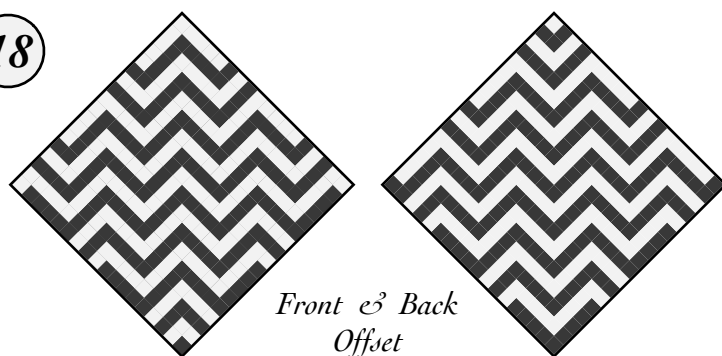
18



# Four-Four Twill Steps

Pulls up even more than two-two twill, creating a smaller potholder with remarkably thick fabric.

18

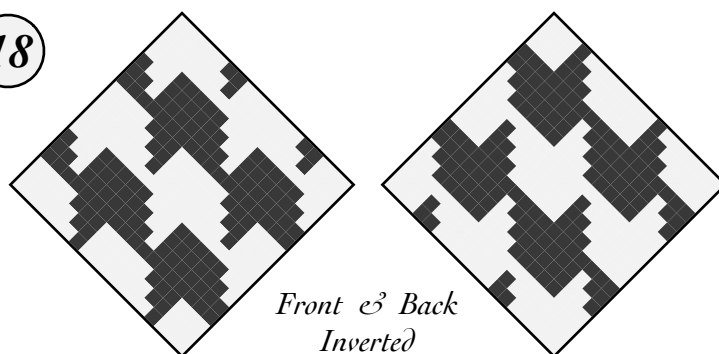


# Four-Four Twill Fletching

18

As with other four-four twills, this pulls up dramatically when removed from the loom, creating a smaller potholder with remarkably thick fabric.

The alternating bands of color produce a pattern reminiscent of fletching, the feathers used to make arrows fly straight.



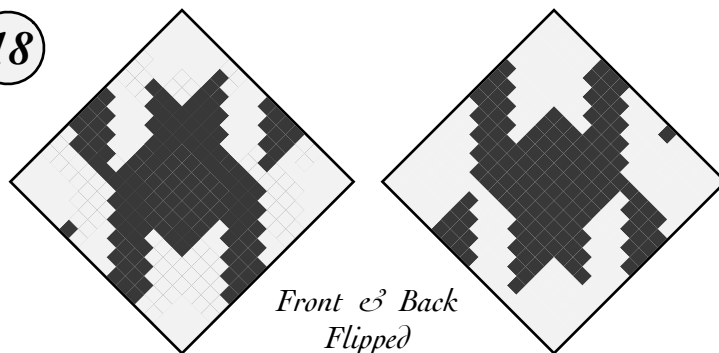
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15	—	—	—					—	—	—	—					—	—	—	15
16	—	—	—	—					—	—	—	—					—	—	16
17		—	—	—	—					—	—	—	—					—	17
18			—	—	—	—					—	—	—	—					18
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	

# Baskerville Houndstooth

18

As with other four-four twills, this pulls up dramatically when removed from the loom, creating a smaller potholder with remarkably thick fabric.

The alternating bands of color produce a pattern reminiscent of traditional houndstooth, but at an unusually large scale.

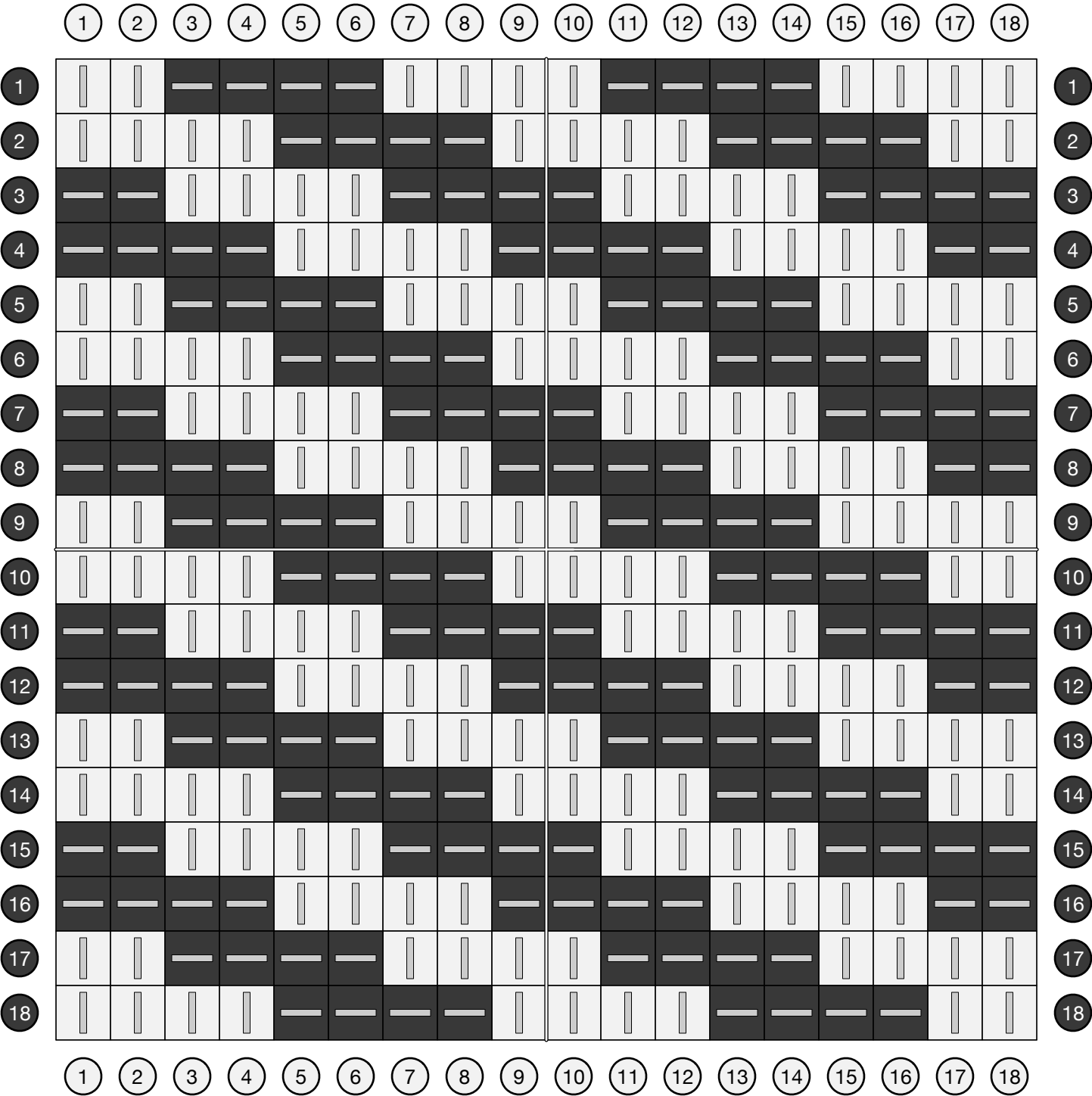
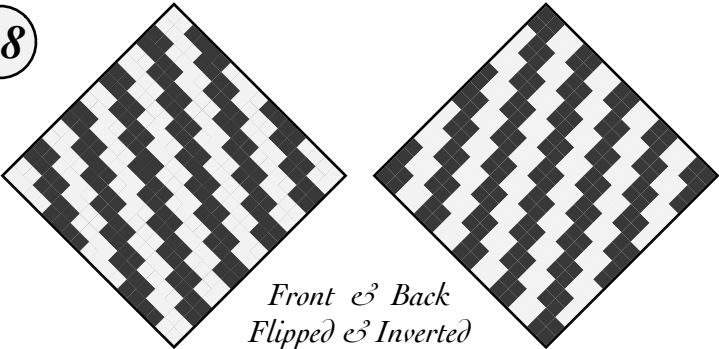


	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
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17	—					—	—	—	—					—	—	—	—		17
18	—	—					—	—	—	—					—	—	—	—	18
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	

# Half-Basketweave Twill

A modified 4/4 twill that shifts over two loops on each row rather than one.

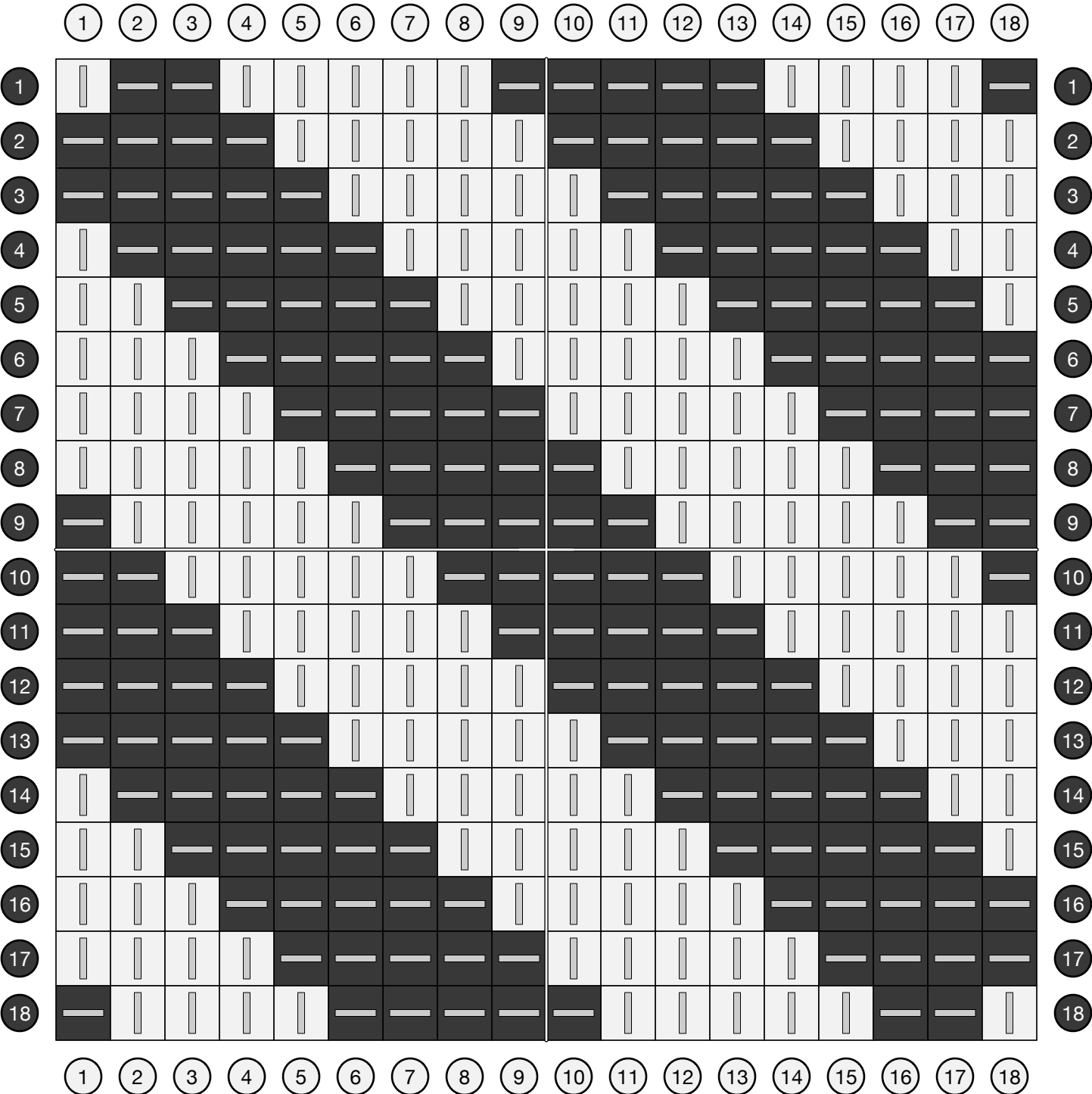
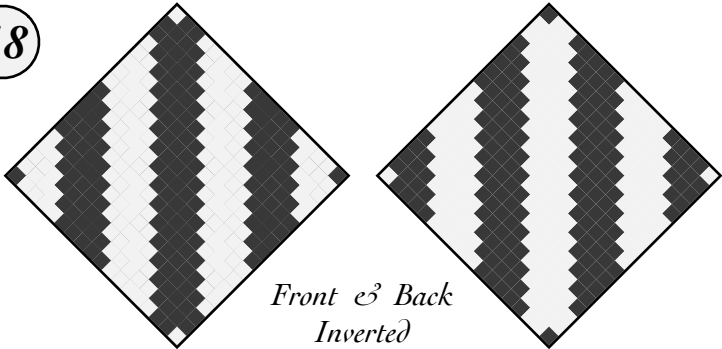
18



# Five-Five Twill

As with other long-length twills, this pulls up dramatically when removed from the loom, creating a smaller potholder with remarkably thick fabric.

18

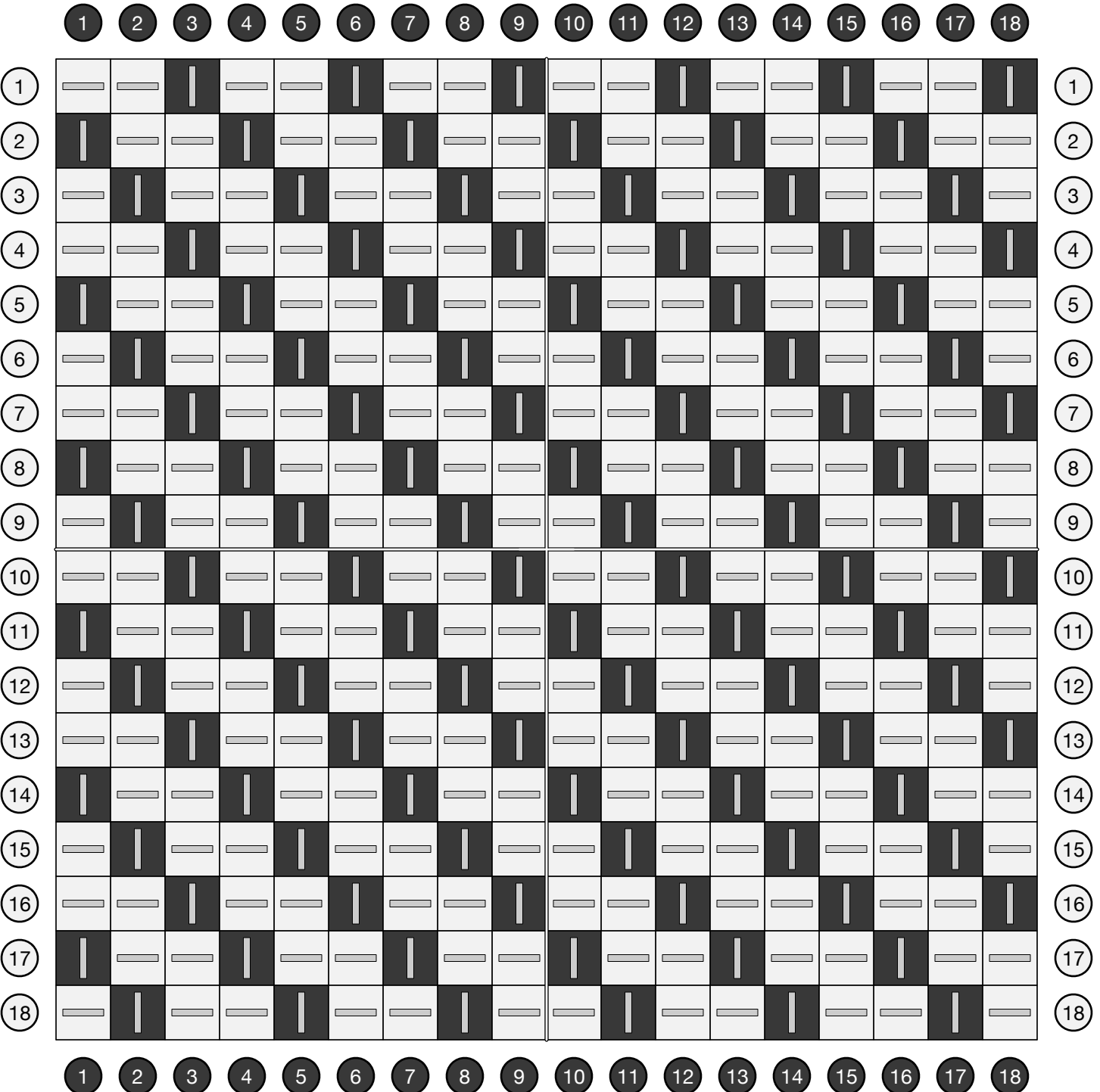
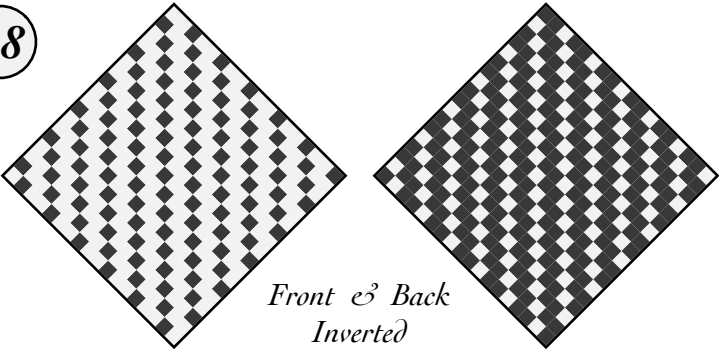




# Two-One Twill

A repeating weave of over-2/under-1 produces a series of diagonal lines.

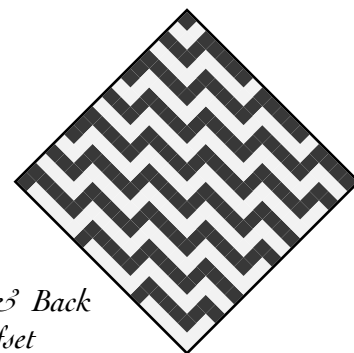
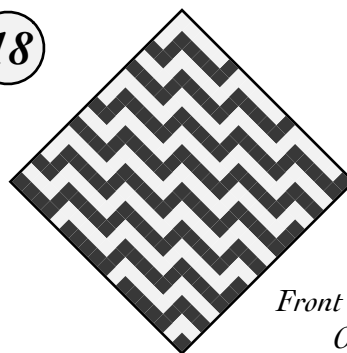
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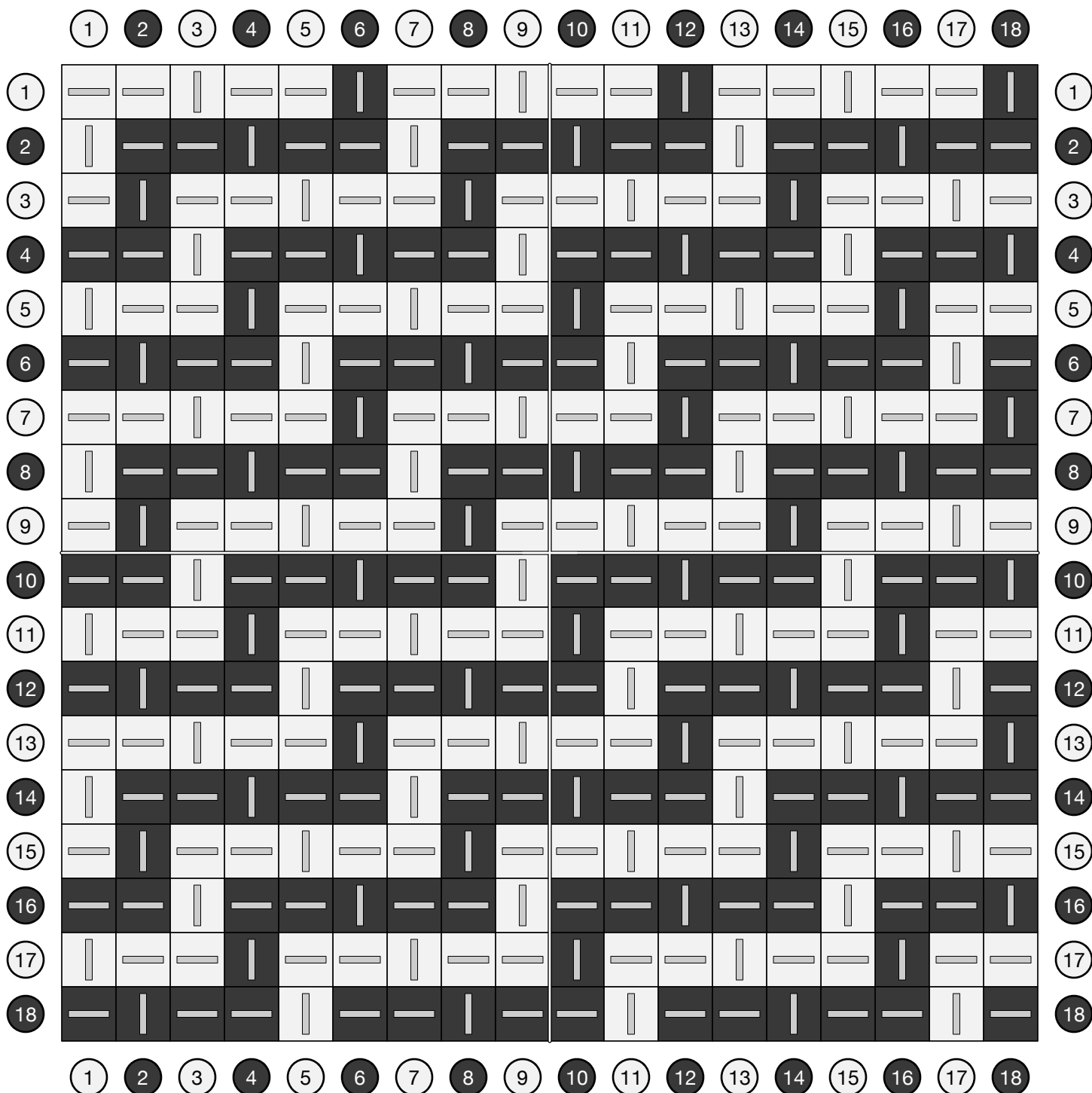
# Two-One Twill Steps

The combination of alternating color warp and weft with an over-two/under-one twill weave produces a stair-step pattern.

18



Front & Back  
Offset

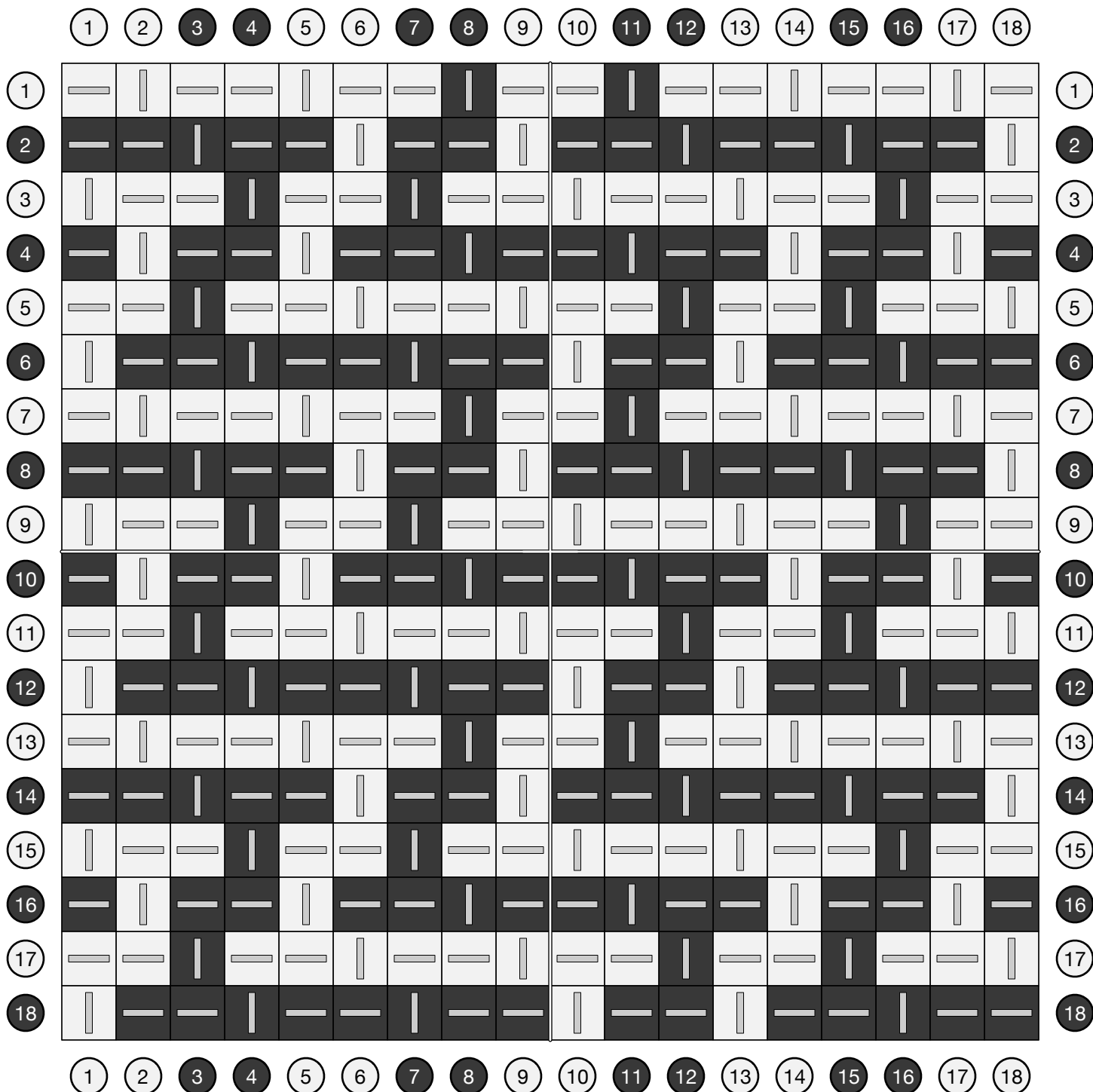
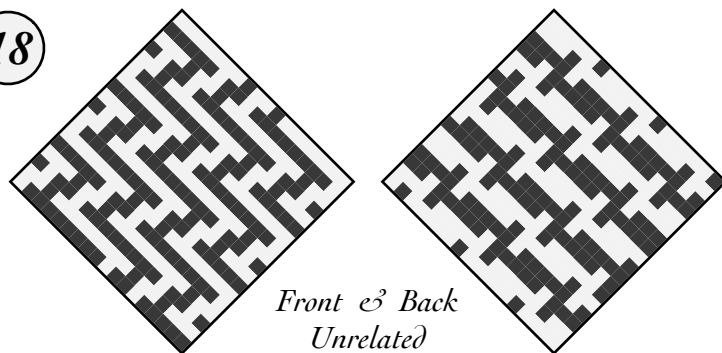


# Two-One Twill Tilted Steps

18

The combination of an over-two/under-one twill weave with alternating AABB warp and ABAB weft produces an angled stair-step pattern.

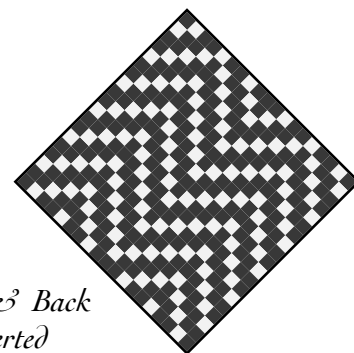
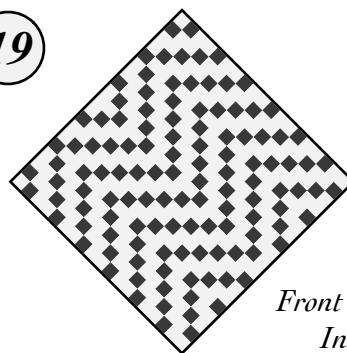
Adapted from a potholder by Julie Binkley Hue.



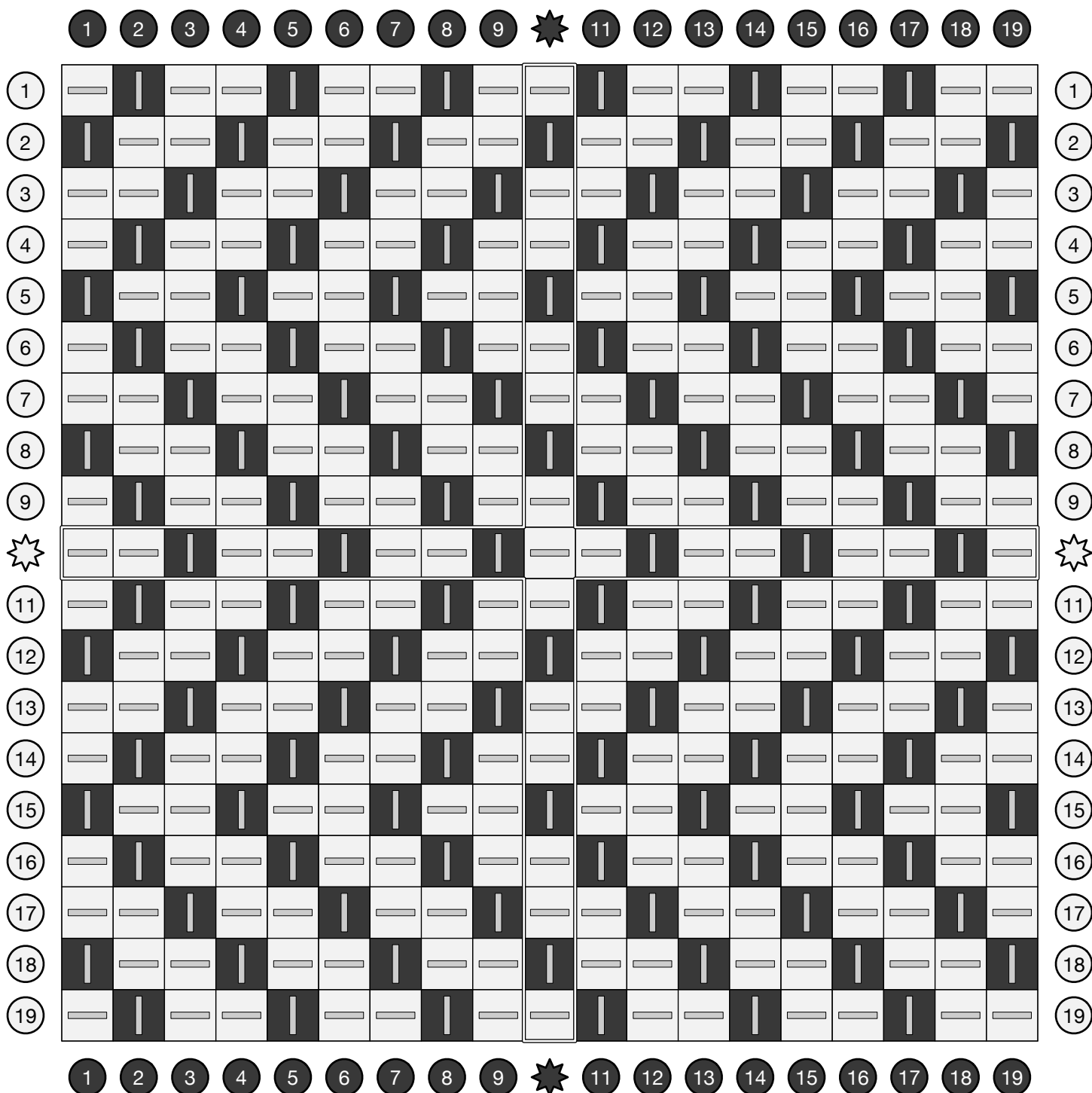
# Two-One Chevron Twill

Examples of 2/1 chevron twill are found woven from linen in 7th-century Britain and from wool from 8th-century Germany.

19



Front & Back  
Inverted

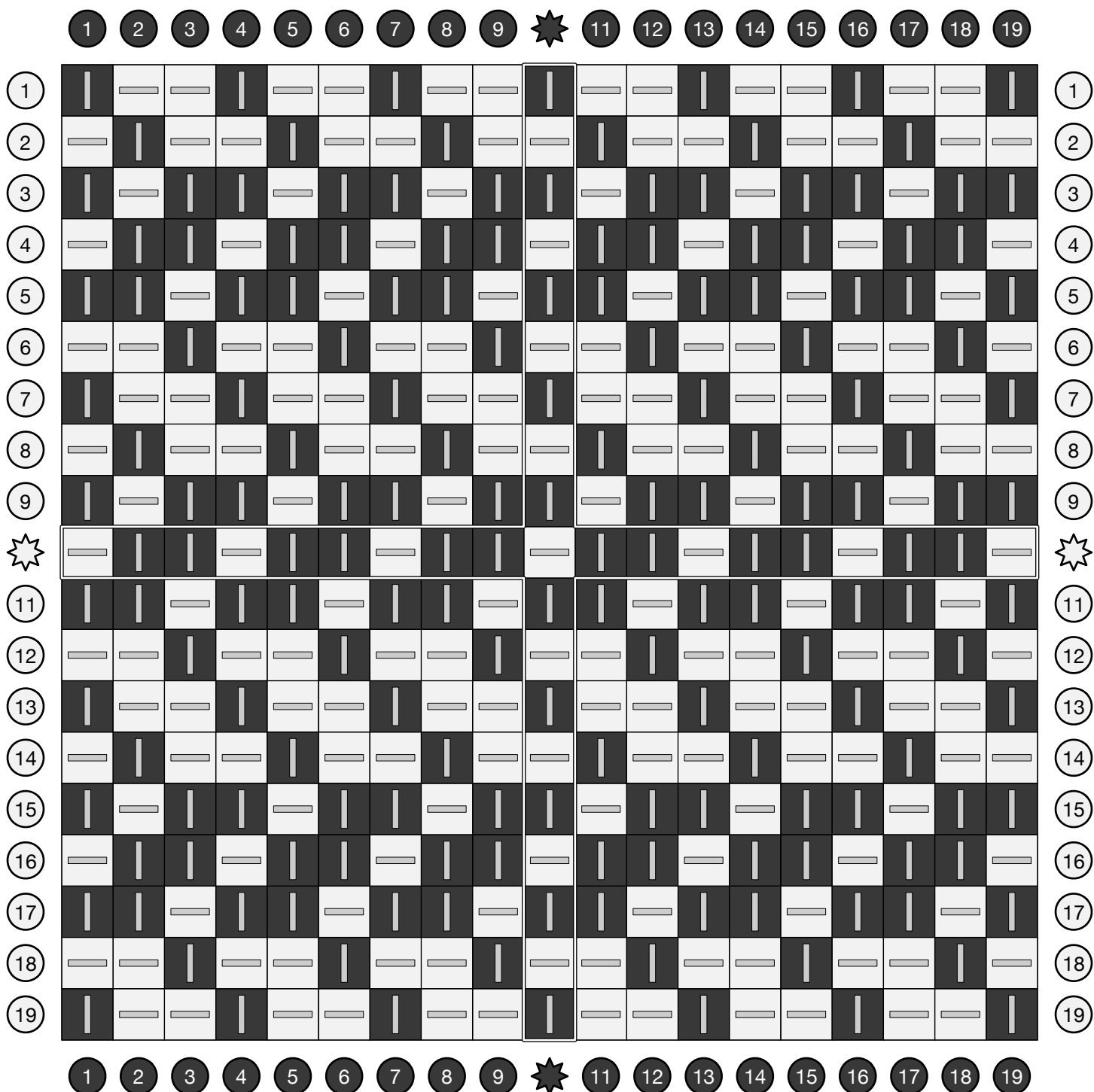
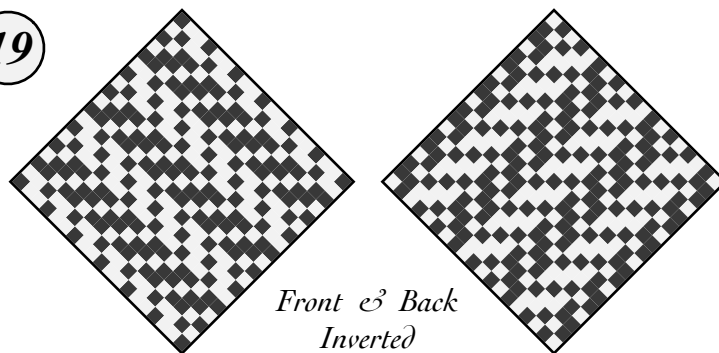


# Rippenköper

Rippenköper (German for "ribbed twill") alternates narrow bands of weft-faced and warp-faced twill.

Rippenköper was used for fancy fabrics in southern Germany during the early middle ages, mostly of two-one twill alternating every three rows, but sometimes with other widths.

19

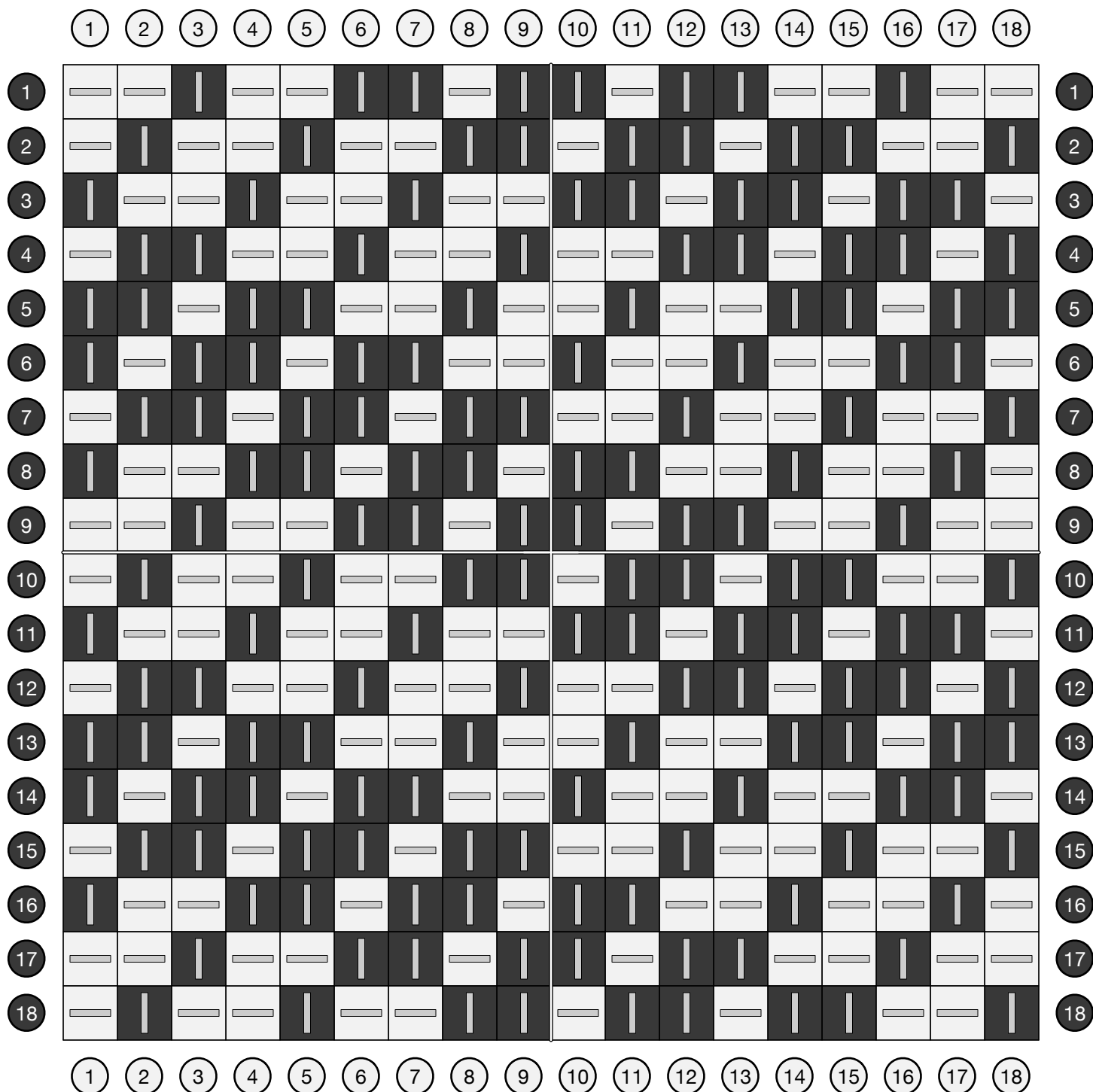
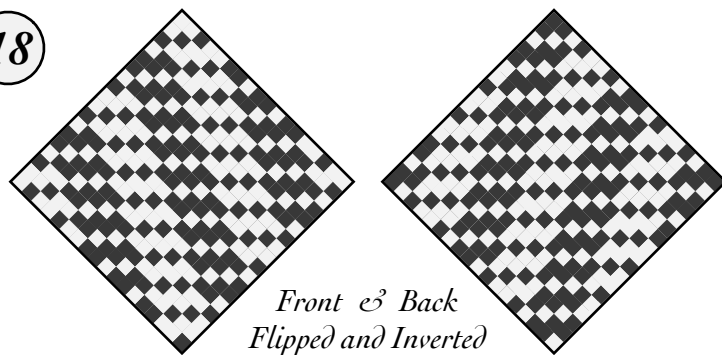


# Angled Rippenköper

Alternating bands of two-one and one-two twill.

Adapted from *Posselt's Textile Journal* (1911),  
archived at [handweaving.net](http://handweaving.net) (#58157).

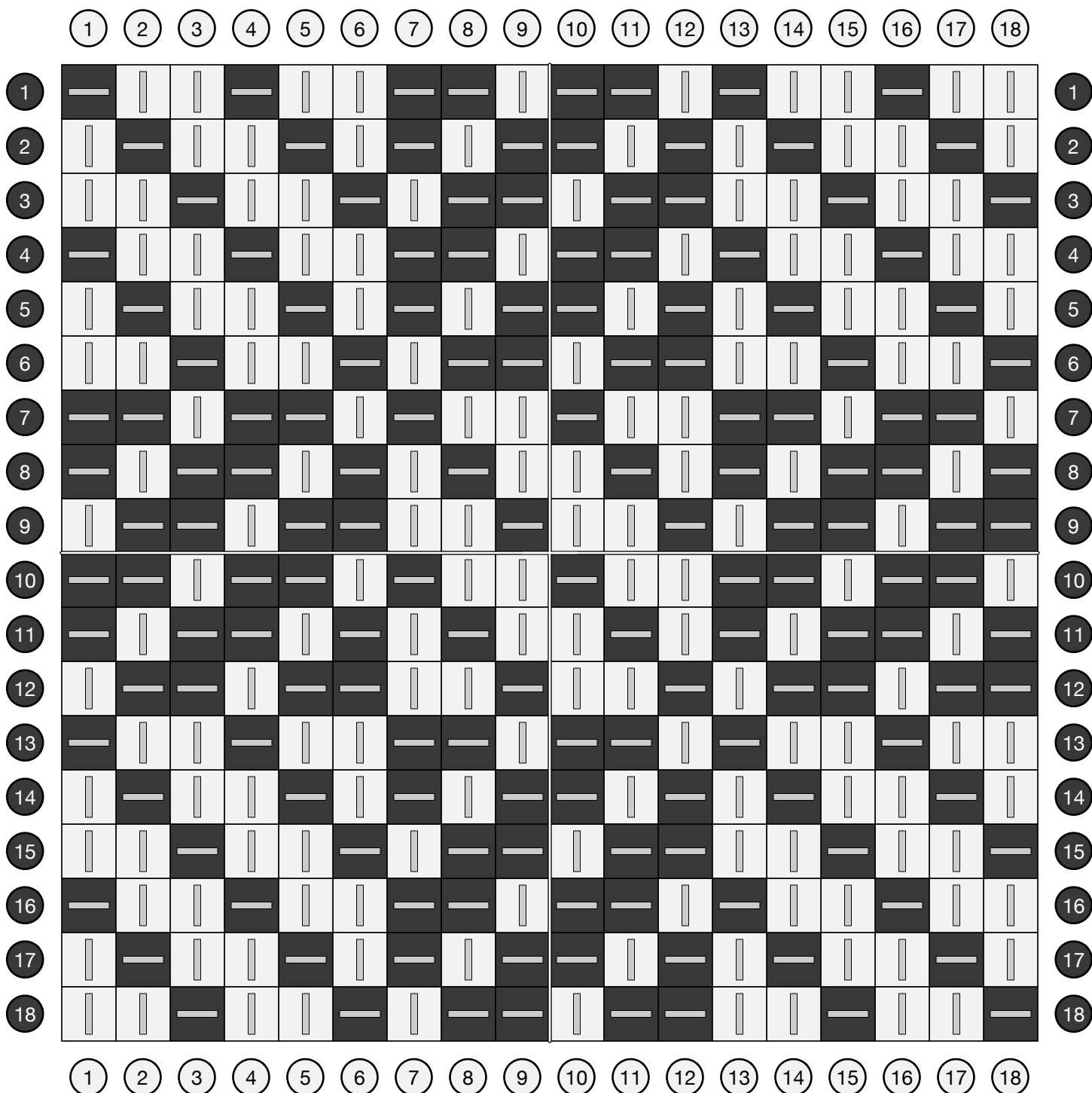
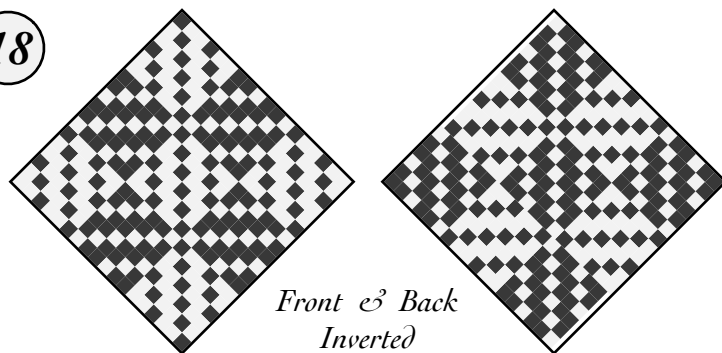
18



# Two-One Twill Nine Block

18

Adapted from *Posselt's Textile Journal* (1907–1915),  
digitally archived at [handweaving.net](http://handweaving.net) (#58983).

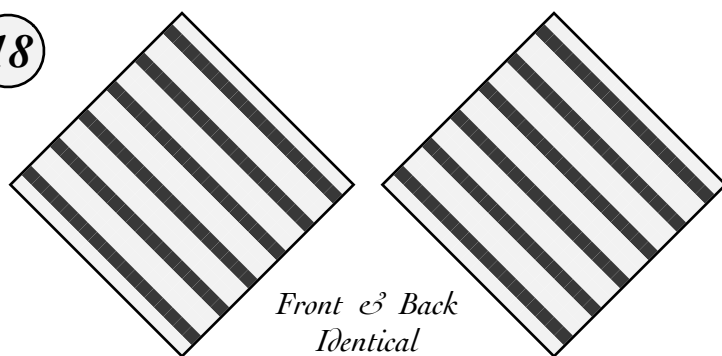


# Two-One Twill Pinstripes

18

A repeating weave of over-2/under-1 combined with ABAABA threading produces a series of widely-spaced lines.

Adapted from *Die färbige Gewebemusterung* by Franz Donat (1907), archived at [handweaving.net](http://handweaving.net) (#64110).



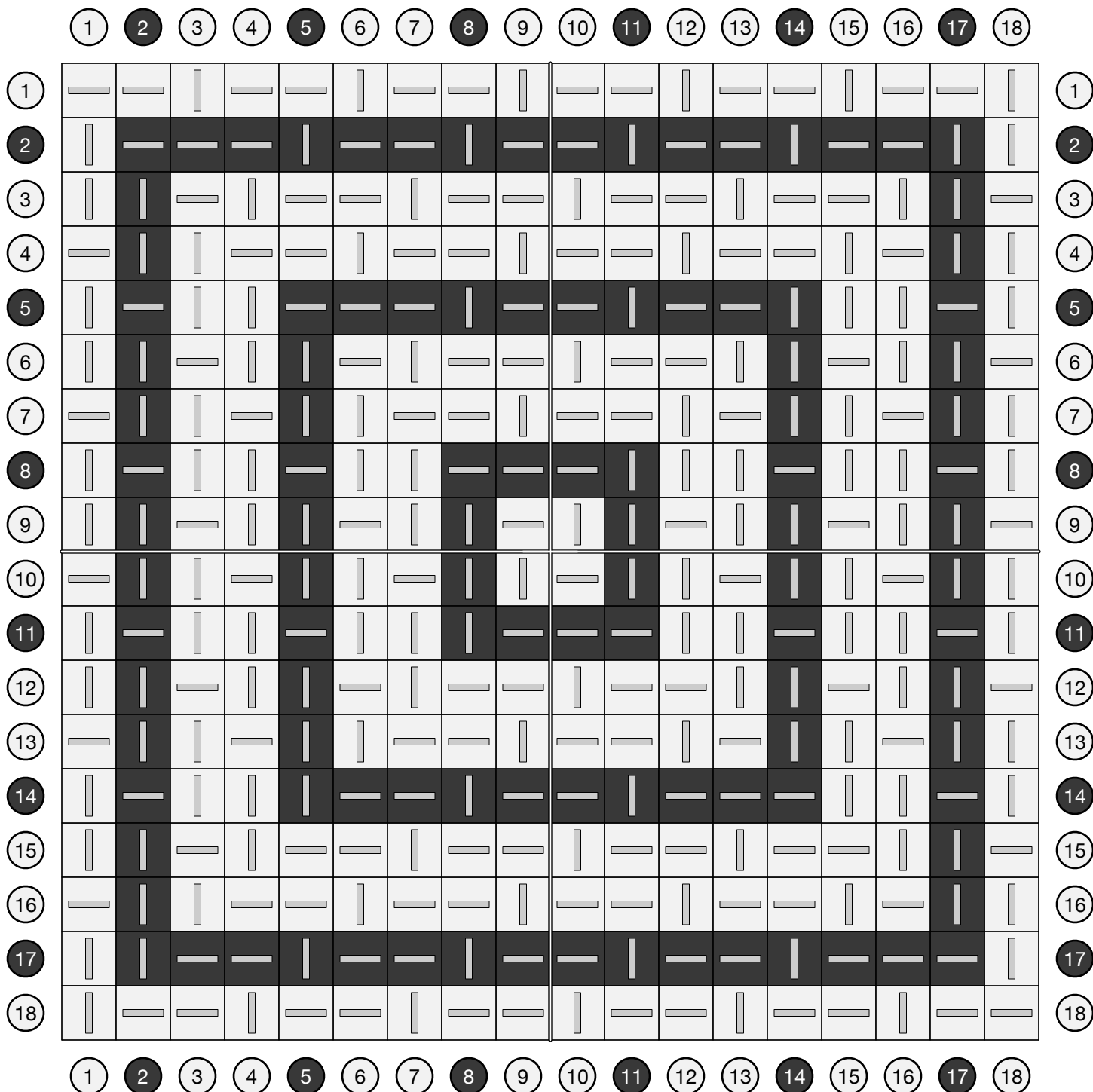
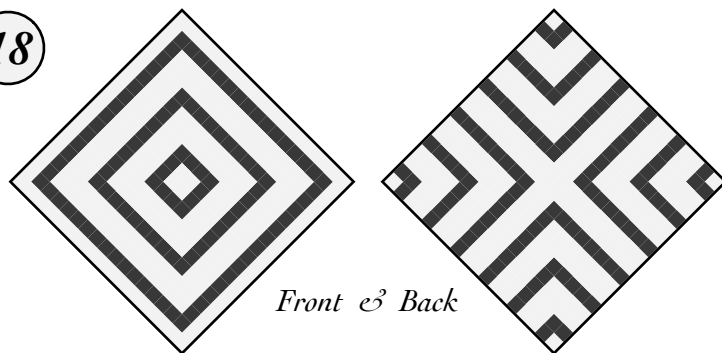
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
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9	—	—		—	—		—	—		—	—		—	—		—	—		9
10		—	—		—	—		—	—		—	—		—	—		—	—	10
11	—		—	—		—	—		—	—		—	—		—	—		—	11
12	—	—		—	—		—	—		—	—		—	—		—	—		12
13		—	—		—	—		—	—		—	—		—	—		—	—	13
14	—		—	—		—	—		—	—		—	—		—	—		—	14
15	—	—		—	—		—	—		—	—		—	—		—	—		15
16		—	—		—	—		—	—		—	—		—	—		—	—	16
17	—		—	—		—	—		—	—		—	—		—	—		—	17
18	—	—		—	—		—	—		—	—		—	—		—	—		18
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	



# Pinstripe Noughts & Crosses 18

A repeating weave of over-2/under-1 combined with three alternating colors produces a series of lines.

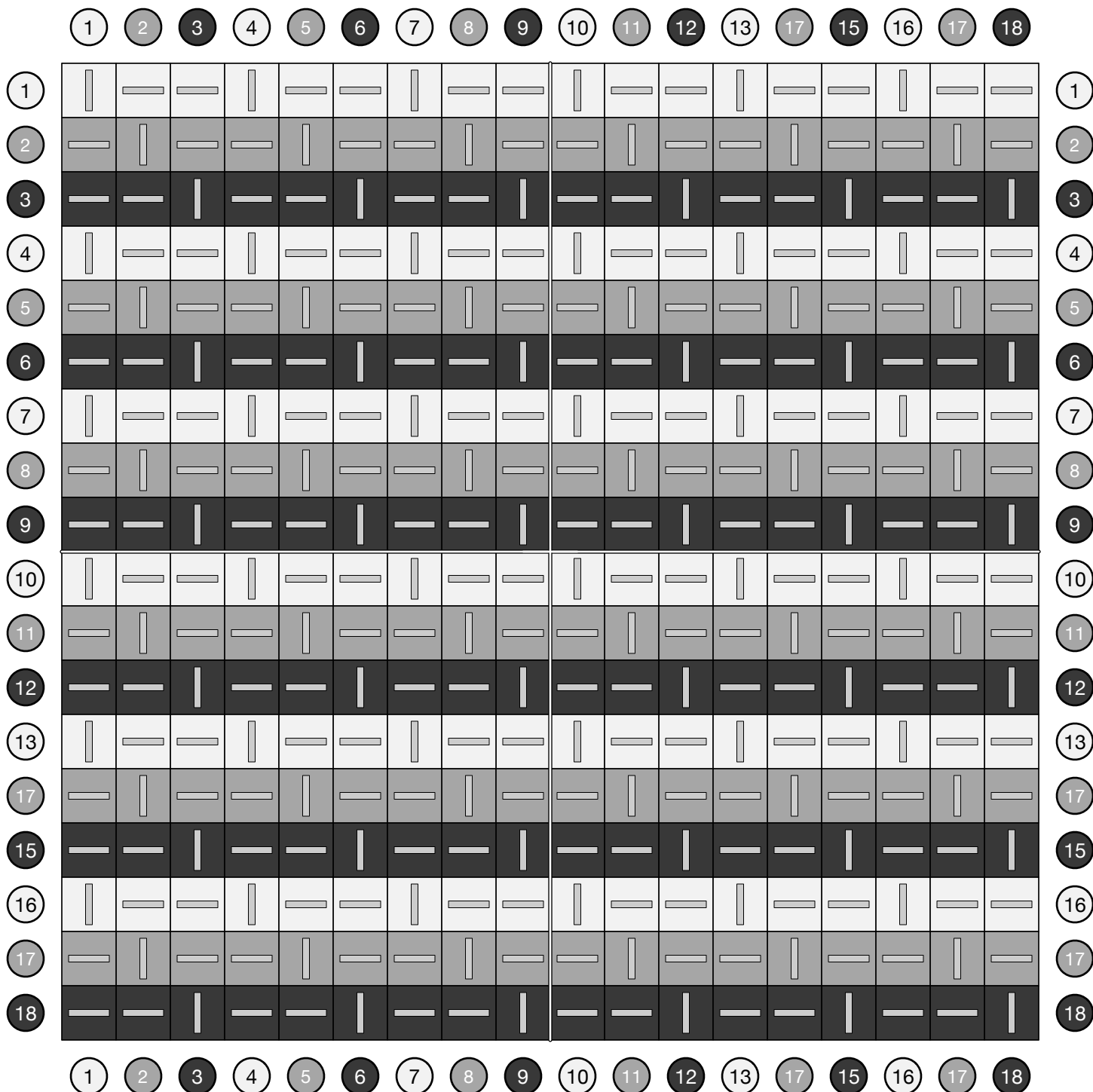
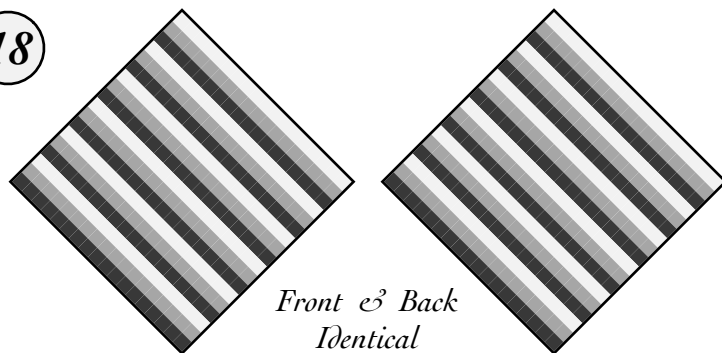
Diagonal lines of over-3s introduces corners where the pattern switches to over-1/under-2.



# Tri-Color Two-One Stripes

18

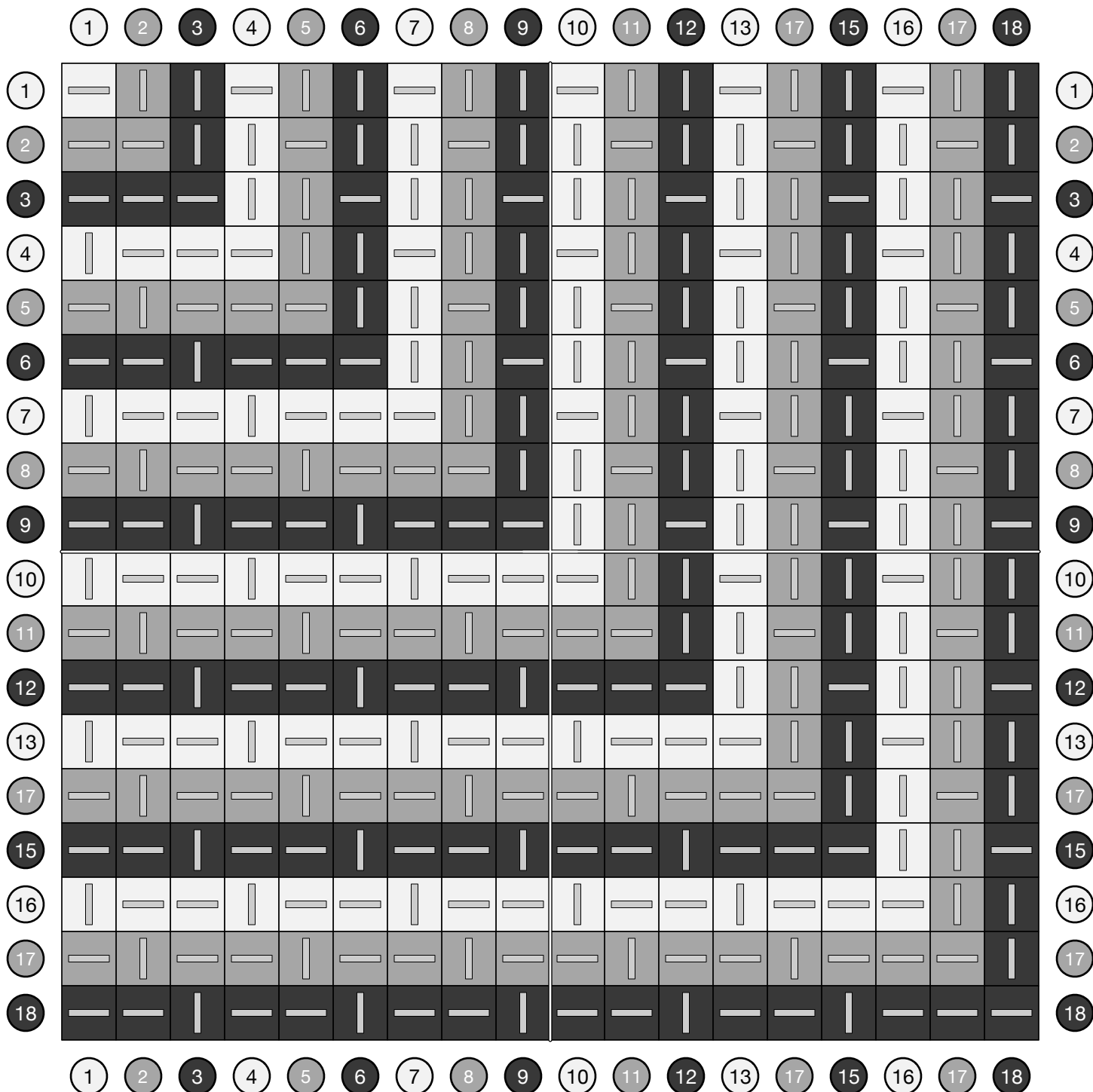
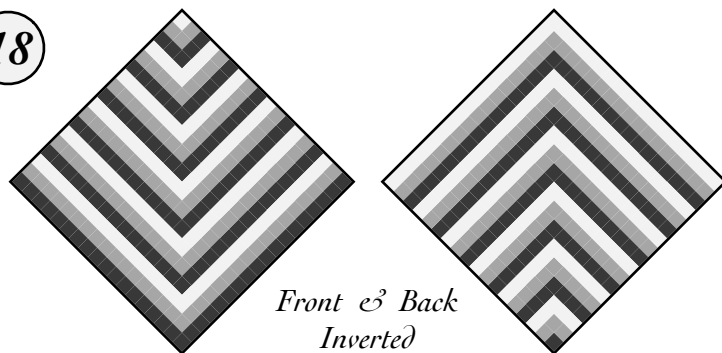
A repeating weave of over-2/under-1 combined with three alternating colors produces a series of lines.



# Tri-Color Two-One Corners (18)

A repeating weave of over-2/under-1 combined with three alternating colors produces a series of lines.

A diagonal line of over-3s introduces a corner where the pattern switches to over-1/under-2.

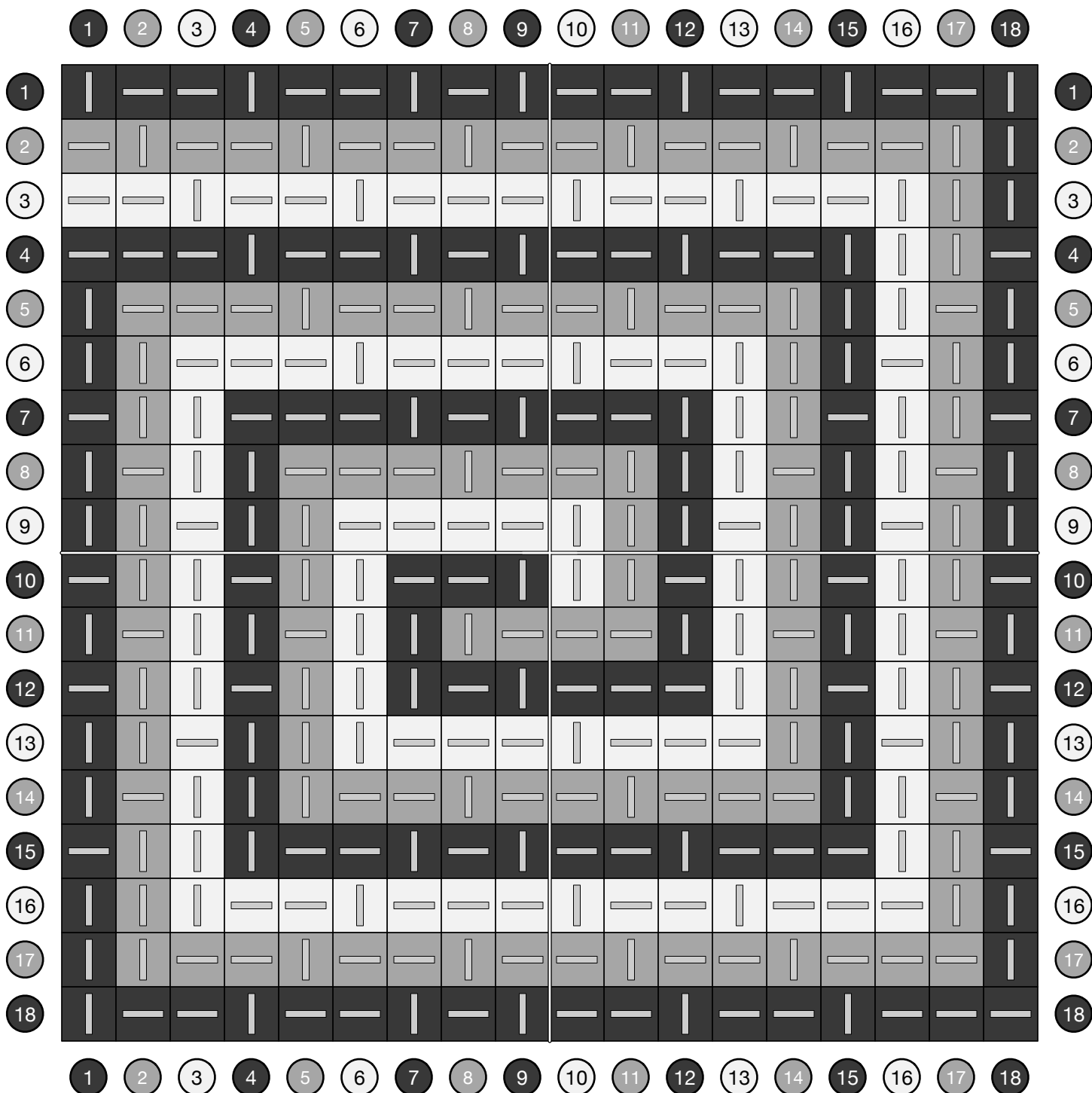
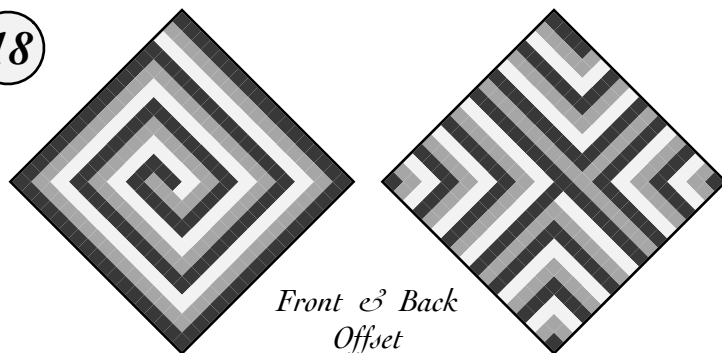


# Tri-Color Square Spiral

18

A repeating weave of over-2/under-1 combined with three alternating colors produces a series of lines.

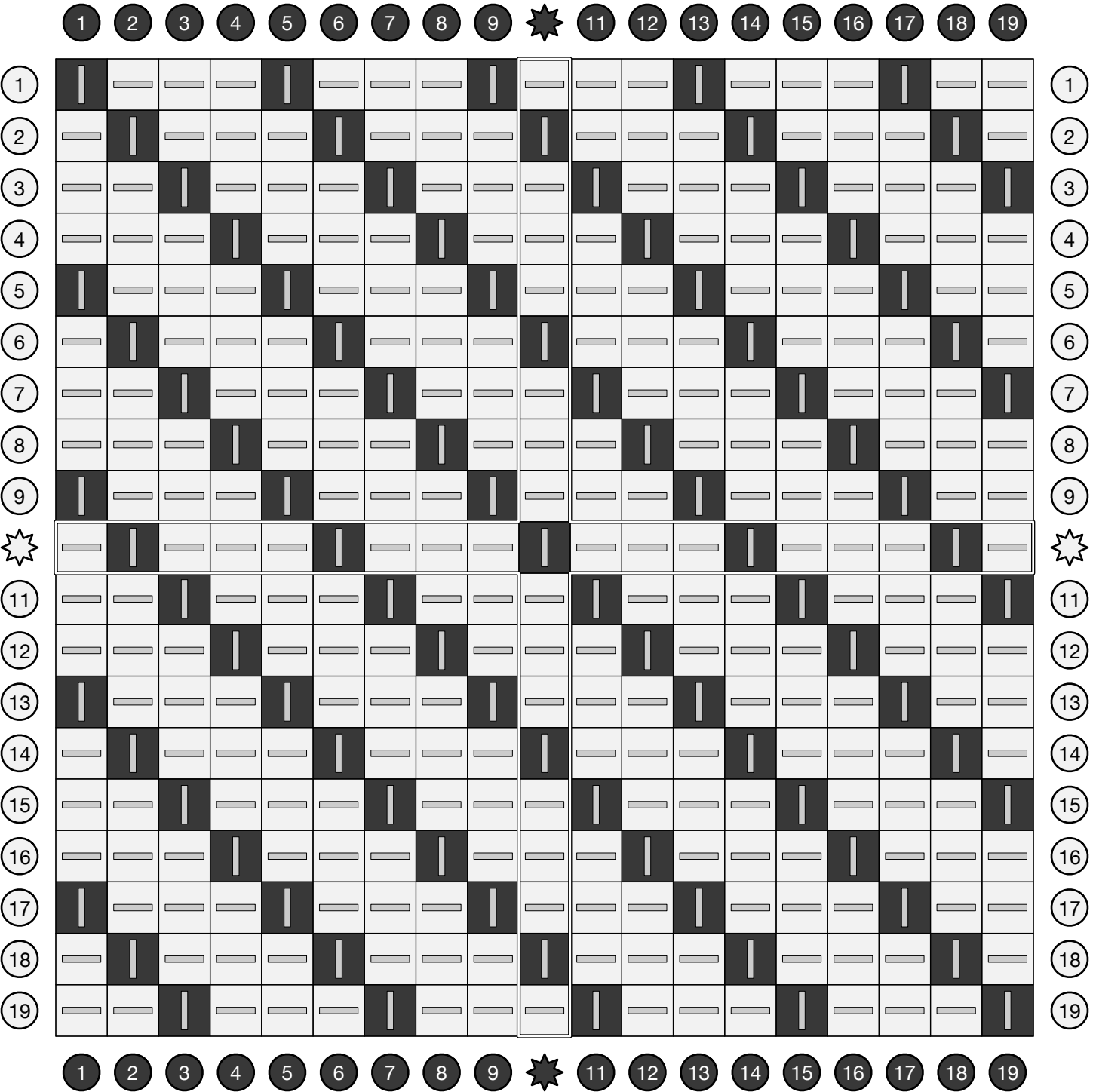
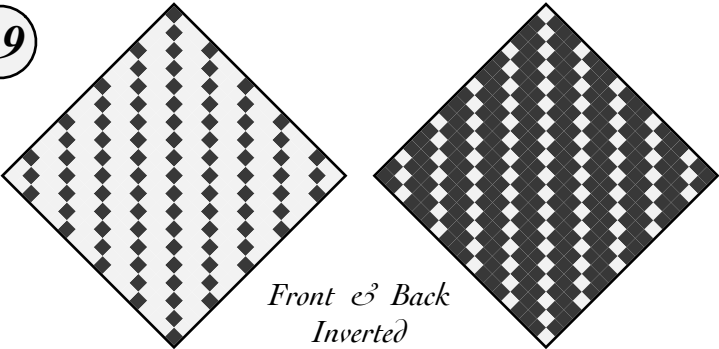
Diagonal lines of over-3s introduces corners where the pattern switches to over-1/under-2.



# Three-One Twill

A repeating weave of over-3/under-1 produces a series of diagonal lines.

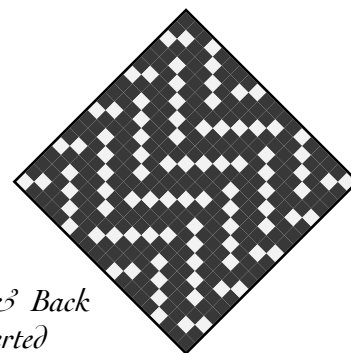
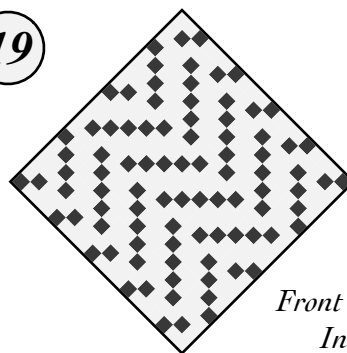
19



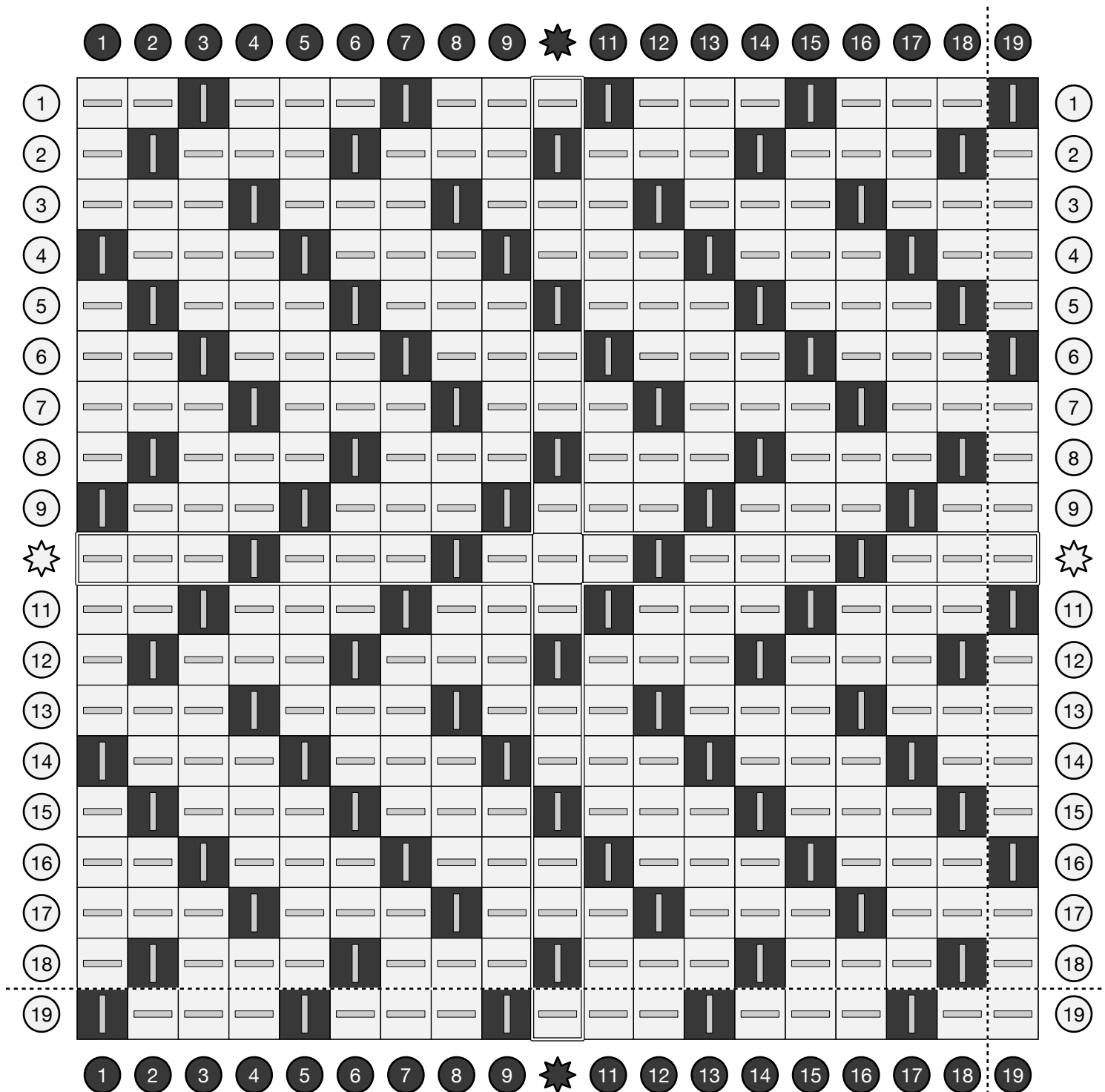
# Three-One Herringbone

A repeating weave of over-3/under-1 produces a series of diagonal lines.

19



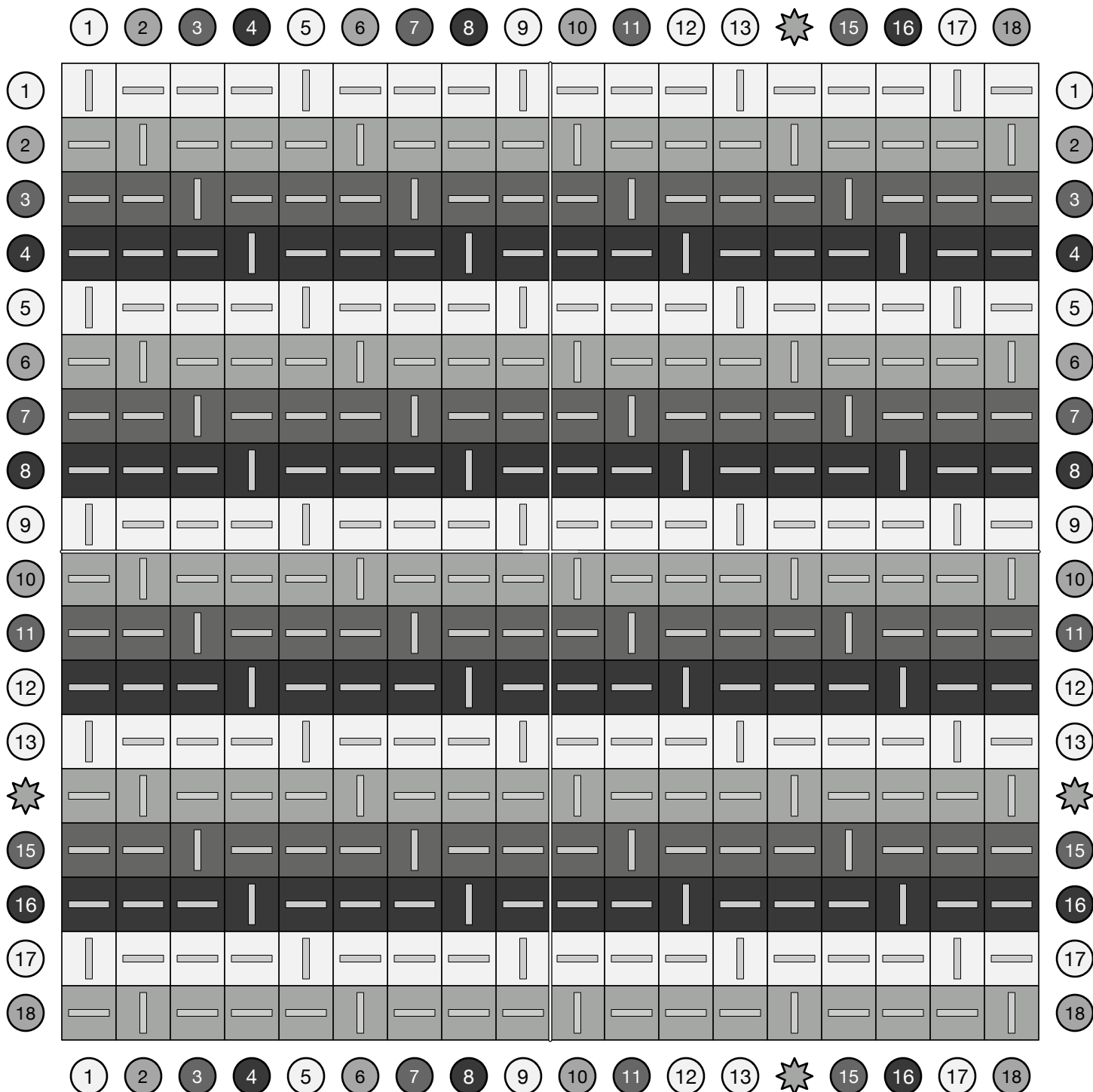
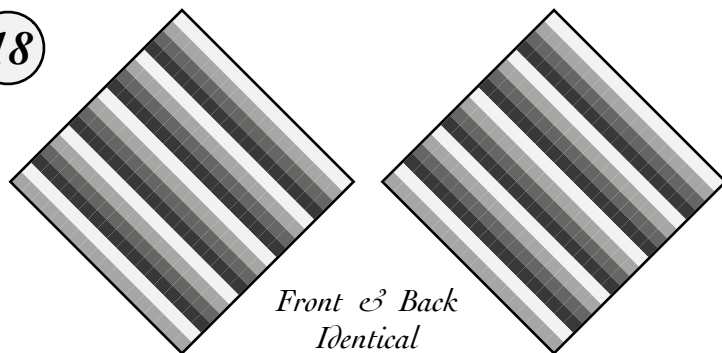
Front & Back  
Inverted



# Quad-Color Twill Stripes

Straight lines are produced by combining 3/1 twill with a four-color threading cycle in warp and weft.

18

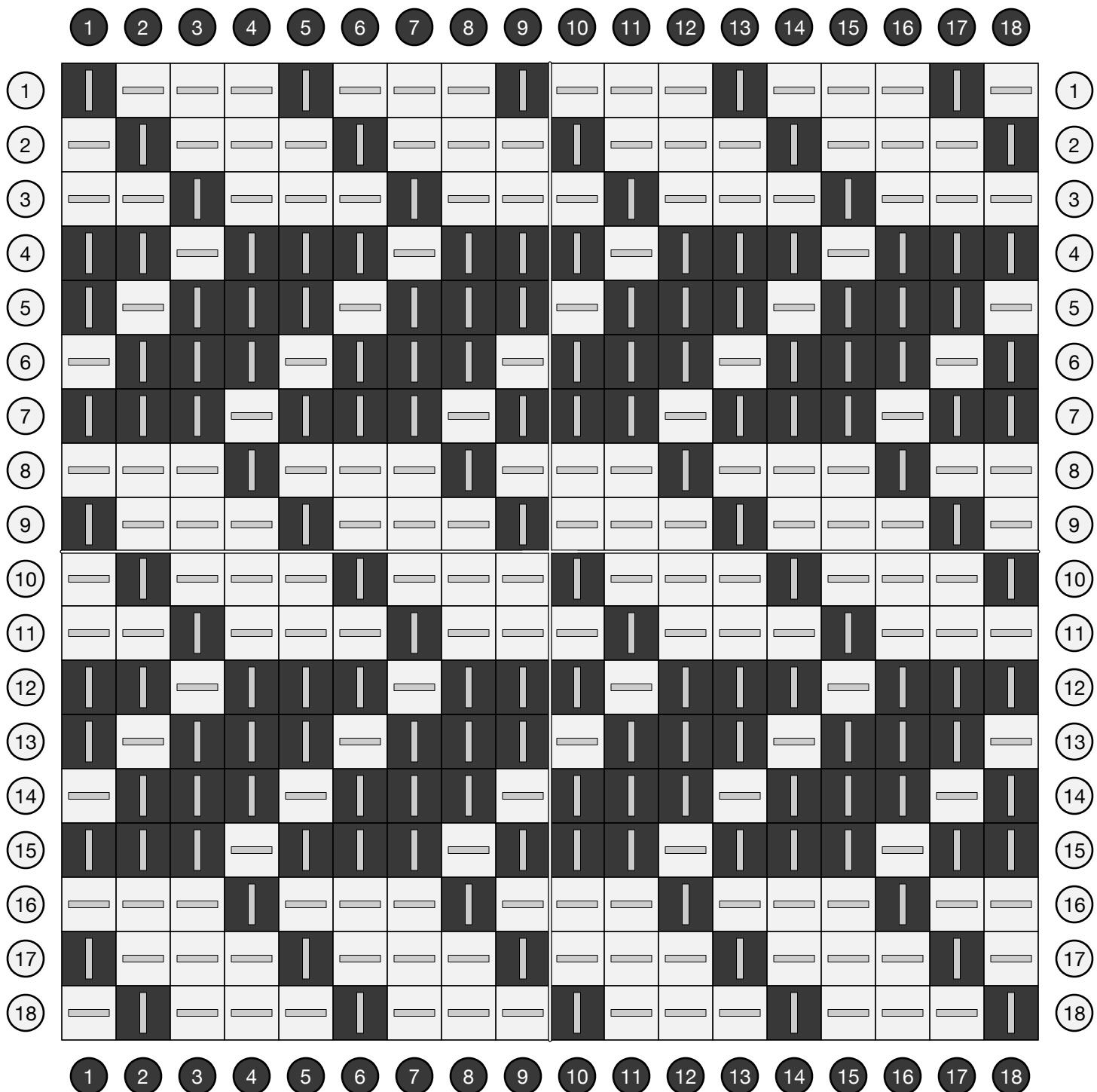
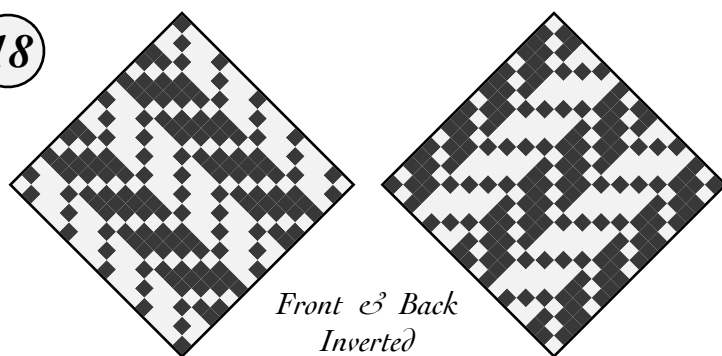


# Egyptian Rippenköper

18

Rippenköper (German for "ribbed twill") alternates narrow bands of weft-faced and warp-faced twill.

Rippenköper has been found in Roman-era Egyptian fabrics, most often in three-one twill.



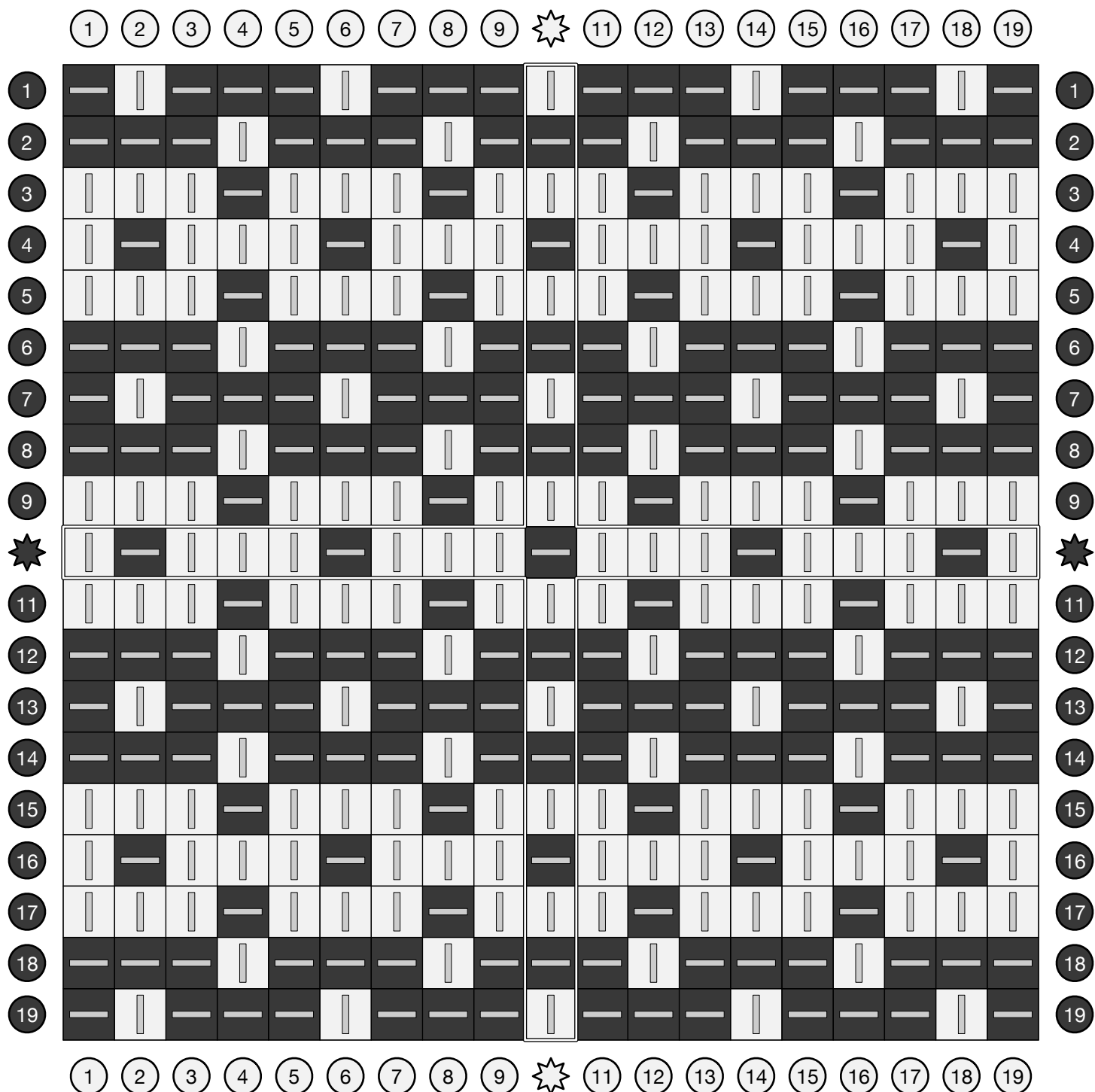
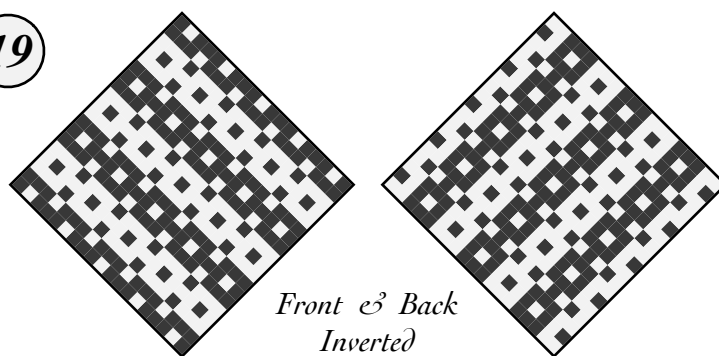


# Anchor Chains

19

A row of parallel chains ride above the background, mirrored by another set on the other side.

The weft chains (shown as dark in this chart) form a ridge over the flat warp, creating a substantial wave and producing an extra-thick fabric.

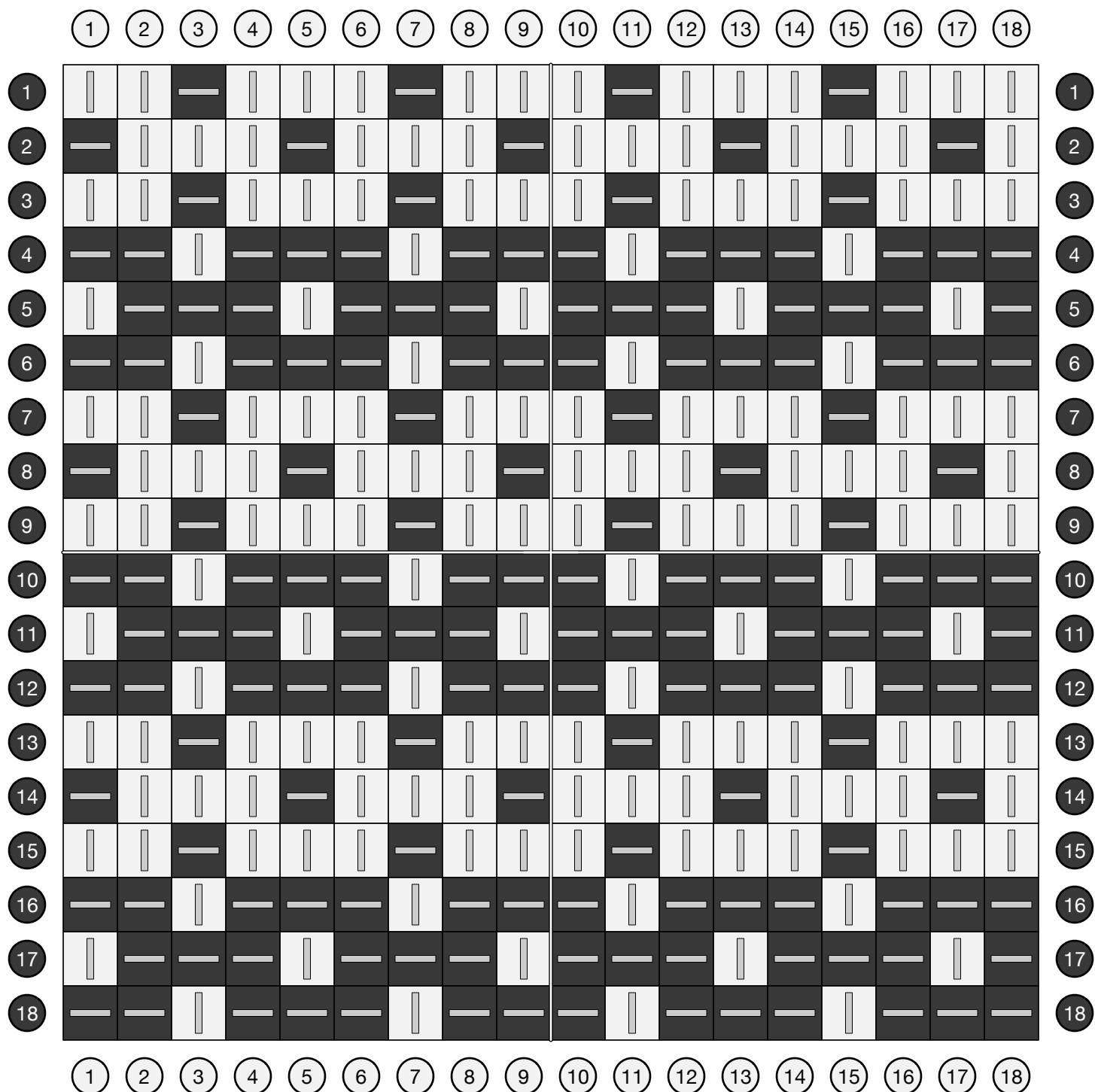
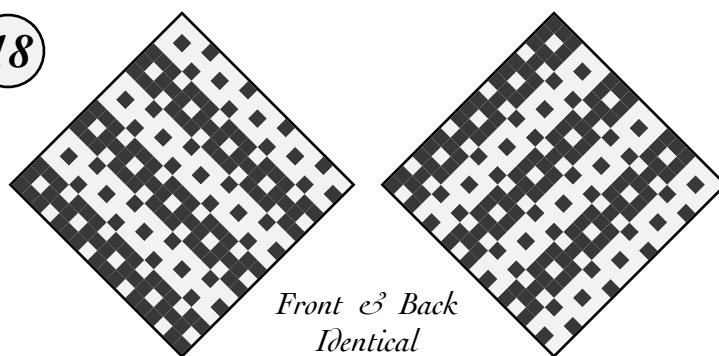


# Anchor Chains

18

A row of parallel chains ride above the background, mirrored by another set on the other side.

The weft chains (shown as dark in this chart) form a ridge over the flat warp, creating a substantial wave and producing an extra-thick fabric.

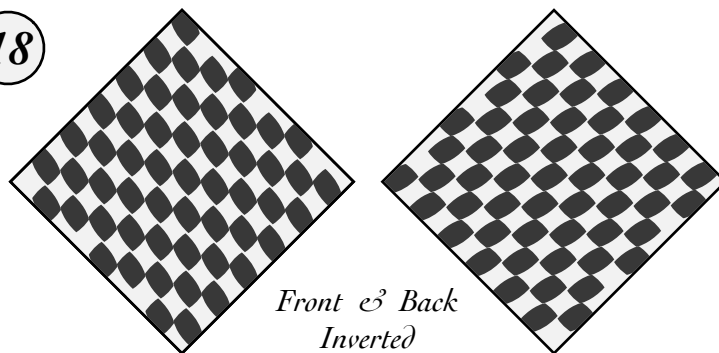


# Three-Three Shift Twill

18

A modified 3/3 twill that shifts over two loops on each row rather than one.

Collapses when taken off the loom so that each side of the fabric shows only alternate warp loops.



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1	—	—				—	—	—				—	—	—				—	1
2		—	—	—				—	—	—				—	—	—			2
3				—	—	—				—	—	—				—	—	—	3
4	—	—				—	—	—				—	—	—				—	4
5		—	—	—				—	—	—				—	—	—			5
6				—	—	—				—	—	—				—	—	—	6
7	—	—				—	—	—				—	—	—				—	7
8		—	—	—				—	—	—				—	—	—			8
9				—	—	—				—	—	—				—	—	—	9
10	—	—				—	—	—				—	—	—				—	10
11		—	—	—				—	—	—				—	—	—			11
12				—	—	—				—	—	—				—	—	—	12
13	—	—				—	—	—				—	—	—				—	13
14		—	—	—				—	—	—				—	—	—			14
15				—	—	—				—	—	—				—	—	—	15
16	—	—				—	—	—				—	—	—				—	16
17		—	—	—				—	—	—				—	—	—			17
18				—	—	—				—	—	—				—	—	—	18
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	

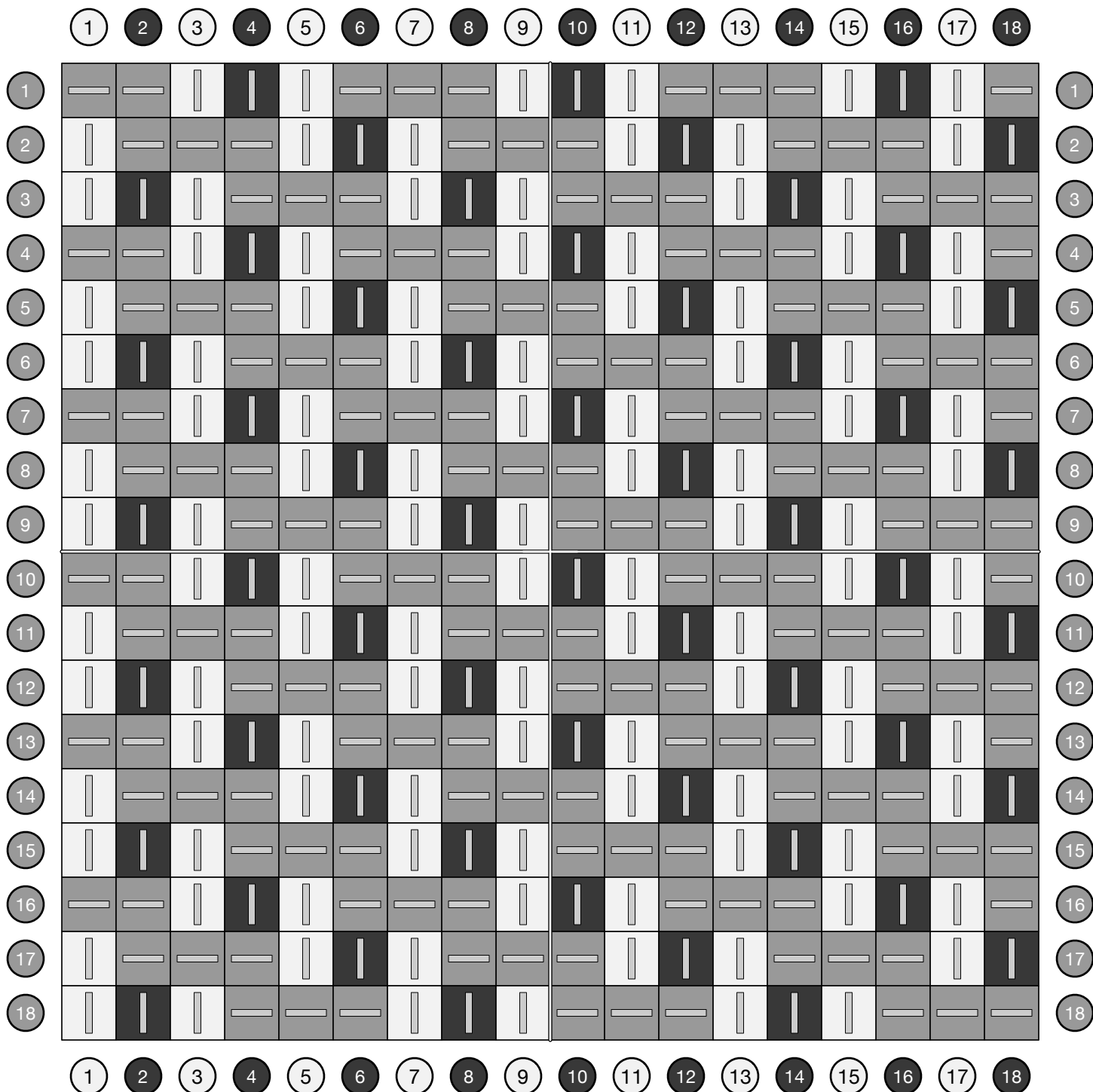
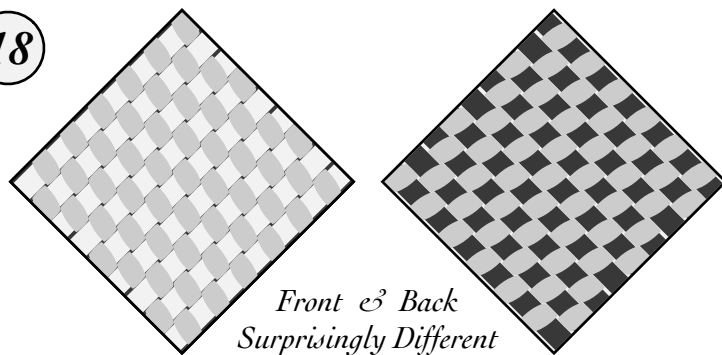
# Magical Three-Three Twill

18

A modified 3/3 twill that shifts over two loops on each row rather than one.

Collapses when taken off the loom so that each side of the fabric shows only alternate warp loops.

An original creation first charted in June 2022.

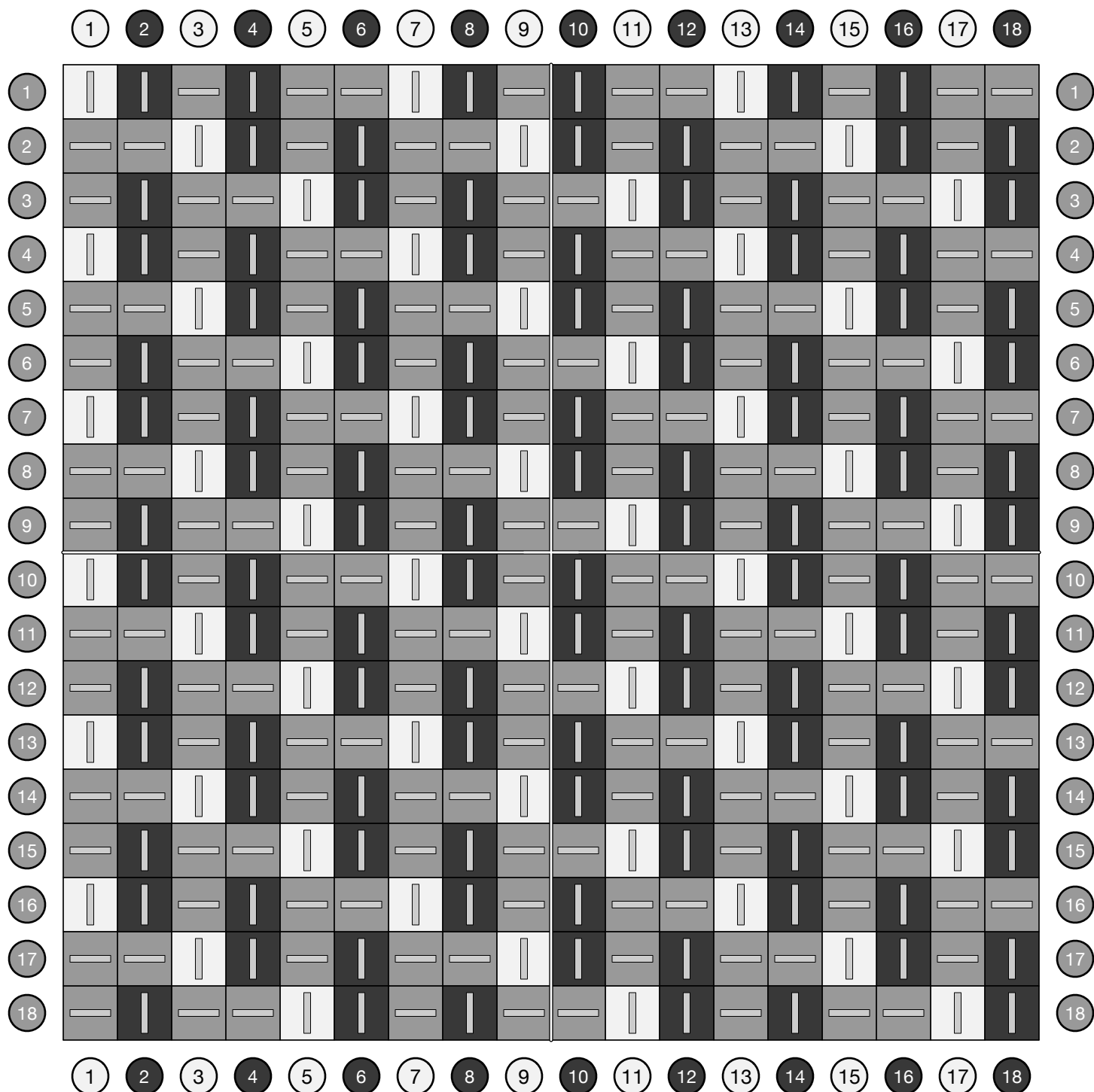
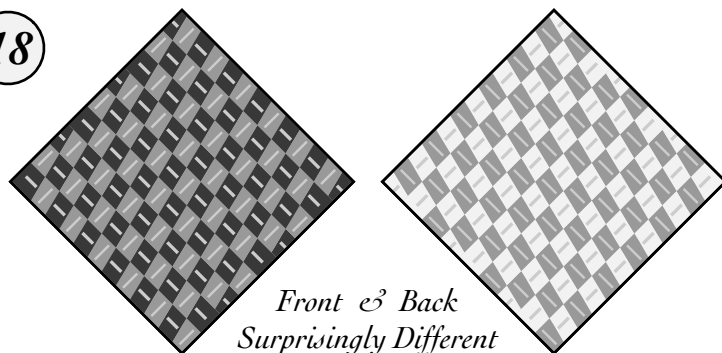


# Magical Newsprint

An alternating weaving pattern of 2/2/1/1.  
Repeats every three rows and six columns.

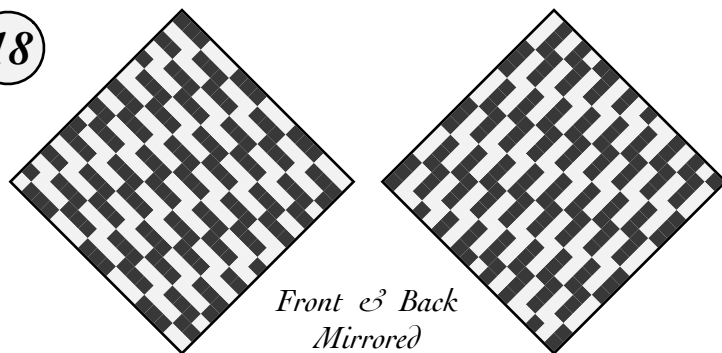
Collapses when taken off the loom so that each side of the fabric shows only alternate warp loops.

18

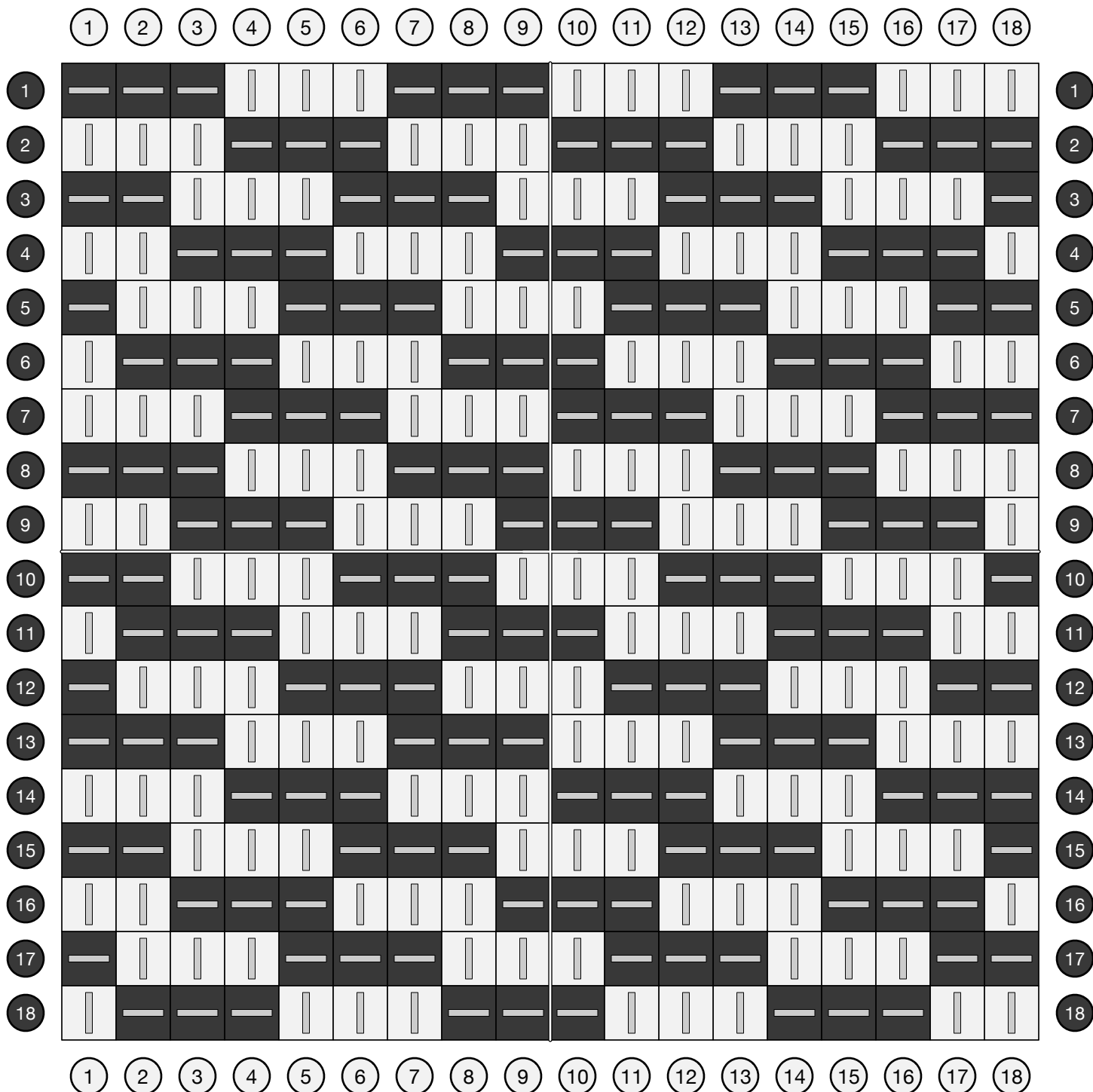


# Three-Three Offset Twill

18



This three-three weave has alternate rows offset by two or three loops, producing a pattern of nested Z shapes — but when removed from the loom, it collapses in itself, with much of the warp hidden behind the weft facing, and alternating wide wales divided by distinct grooves.

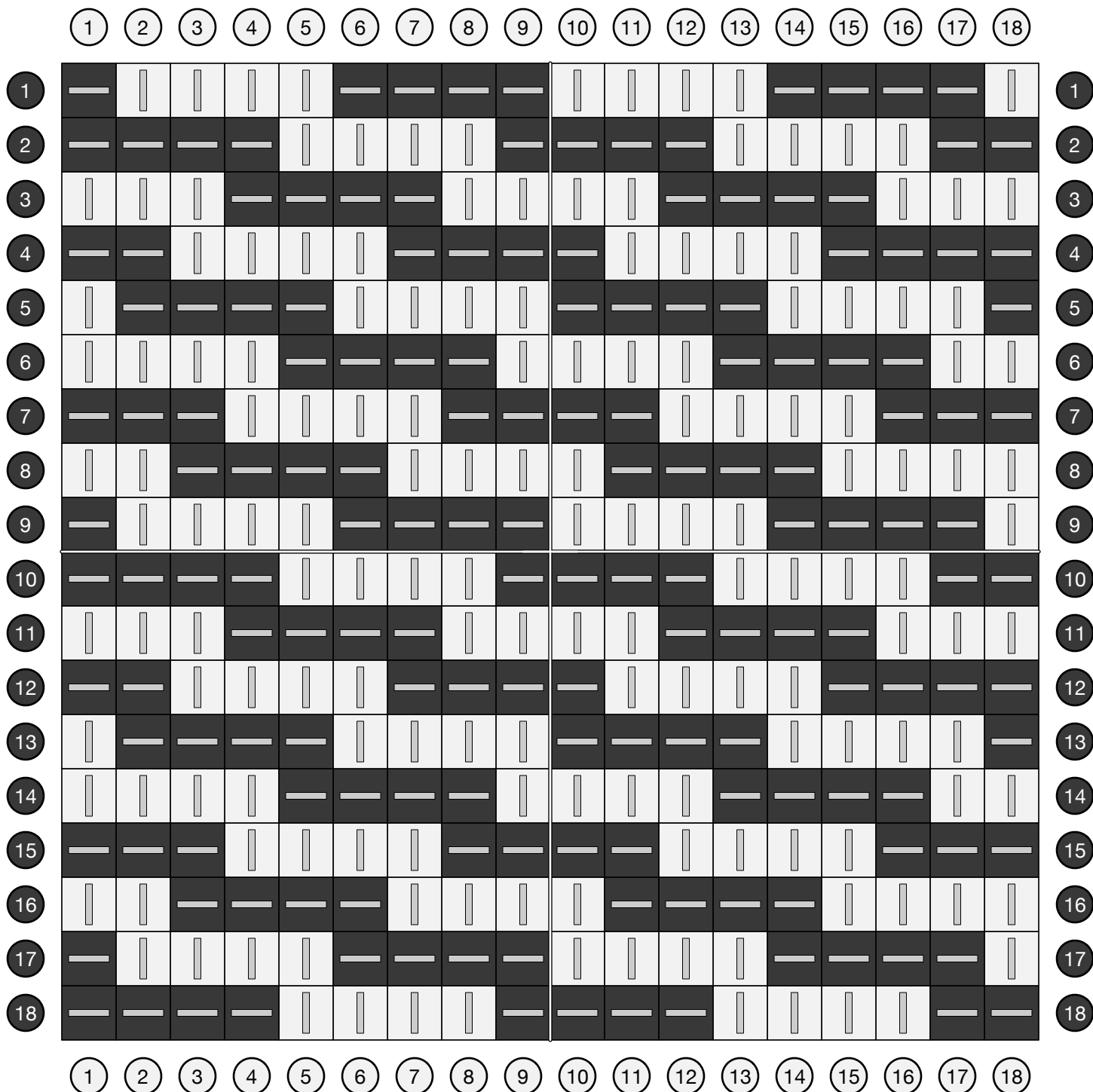
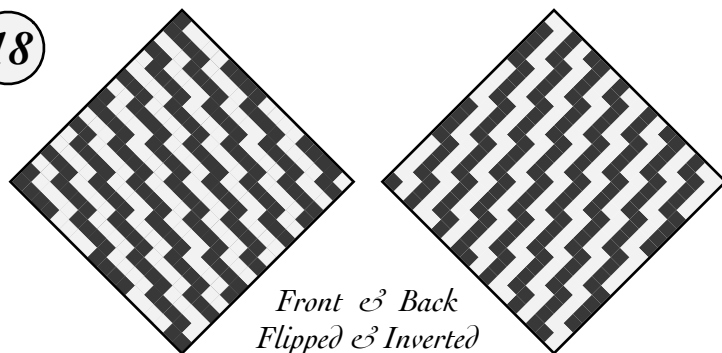


# Four-Four Shift Twill

18

A modified 4/4 twill that shifts over three loops on each row rather than one.

When removed from the loom, the weft rises to the surface on each side, hiding much of the warp loops, which peek through only once every six rows.

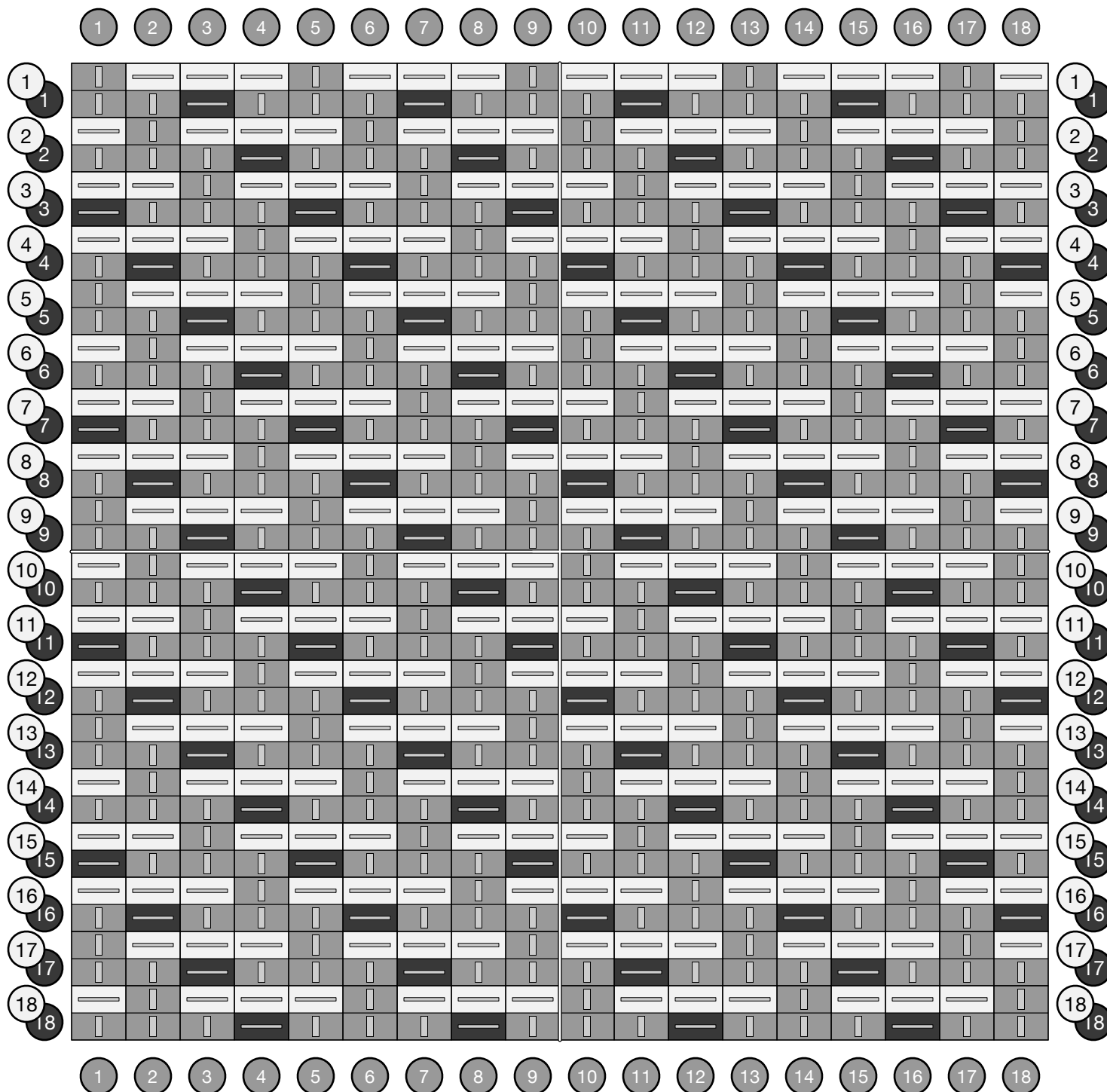
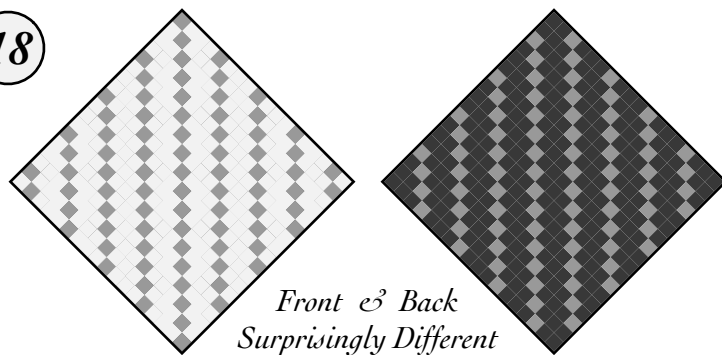


# Double-Faced Twill

18

A 3/1 twill and a 1/3 twill are woven simultaneously and collapse to produce a double-sided fabric..

Each peg of your loom will get two loops stacked on it — a lower one in 1/3 twill (dark color in this chart) and an upper one in 3/1 twill (light color).



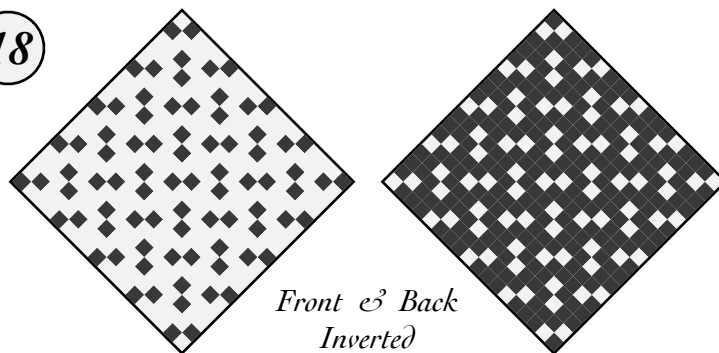


# Three-One Satin

A 3/1 weaving pattern covers the fabric with long parallel floats without creating diagonal wales.

Adapted from a weaving draft archived on [handweaving.net](http://handweaving.net) (#56).

18

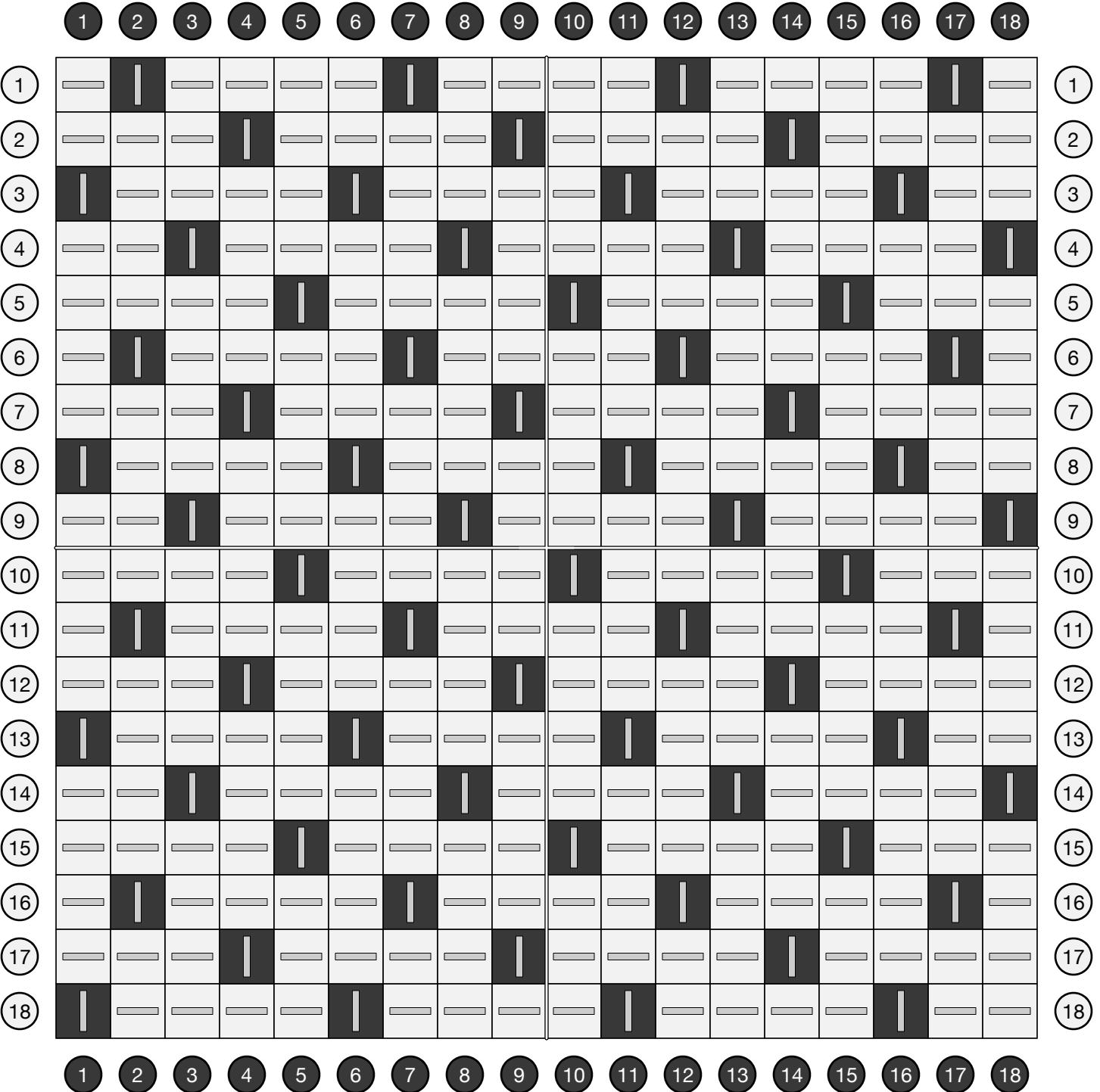
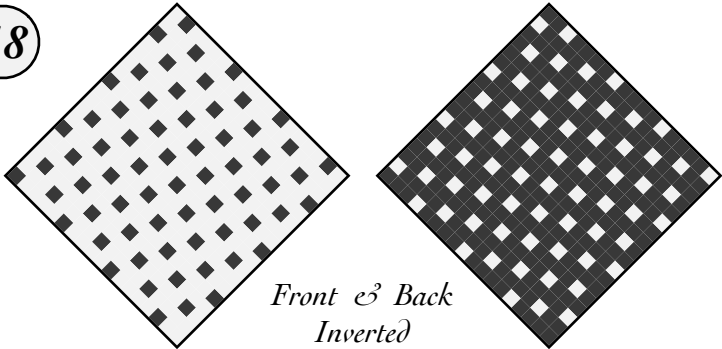


	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1	—		—	—	—		—	—	—		—	—	—		—	—	—		1
2		—	—	—		—	—	—		—	—	—		—	—	—		—	2
3	—	—		—	—	—		—	—	—		—	—	—		—	—	—	3
4	—	—	—		—	—	—		—	—	—		—	—	—		—	—	4
5	—		—	—	—		—	—	—		—	—	—		—	—	—		5
6		—	—	—		—	—	—		—	—	—		—	—	—		—	6
7	—	—		—	—	—		—	—	—		—	—	—		—	—	—	7
8	—	—	—		—	—	—		—	—	—		—	—	—		—	—	8
9	—		—	—	—		—	—	—		—	—	—		—	—	—		9
10		—	—	—		—	—	—		—	—	—		—	—	—		—	10
11	—	—		—	—	—		—	—	—		—	—	—		—	—	—	11
12	—	—	—		—	—	—		—	—	—		—	—	—		—	—	12
13	—		—	—	—		—	—	—		—	—	—		—	—	—		13
14		—	—	—		—	—	—		—	—	—		—	—	—		—	14
15	—	—		—	—	—		—	—	—		—	—	—		—	—	—	15
16	—	—	—		—	—	—		—	—	—		—	—	—		—	—	16
17	—		—	—	—		—	—	—		—	—	—		—	—	—		17
18		—	—	—		—	—	—		—	—	—		—	—	—		—	18
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	

# Four-One Satin

A 4/1 weaving pattern covers the fabric with long parallel floats.

18

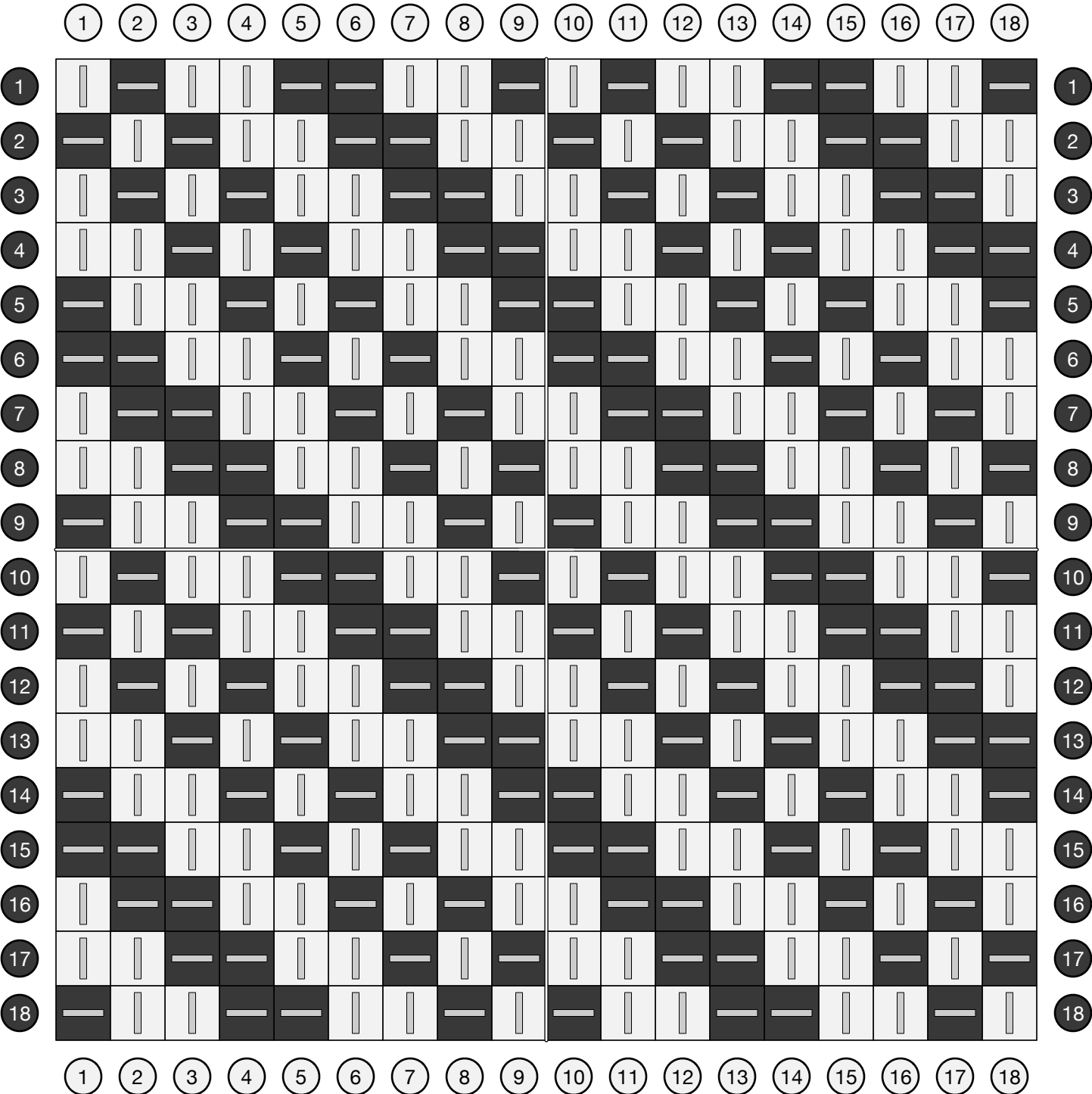
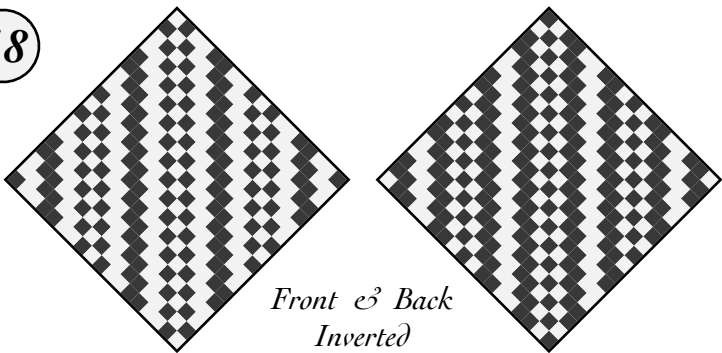


# Traveling Twill

A repeating cycle of 2-2-2-1-1-1 produces angled stripes of uneven widths.

Adapted from *An Album of Textile Designs* (1881), archived at [handweaving.net](http://handweaving.net) (#14583).

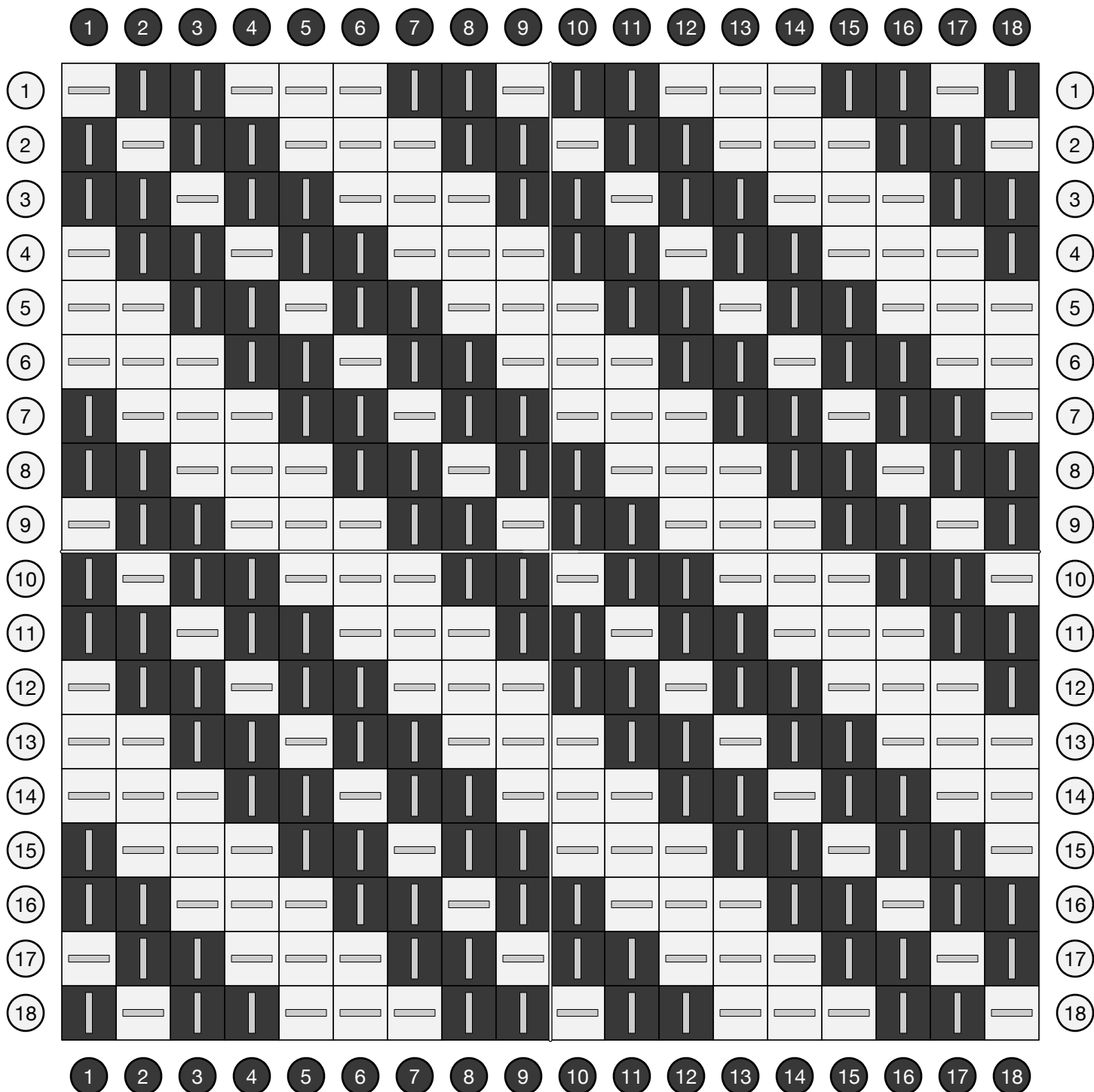
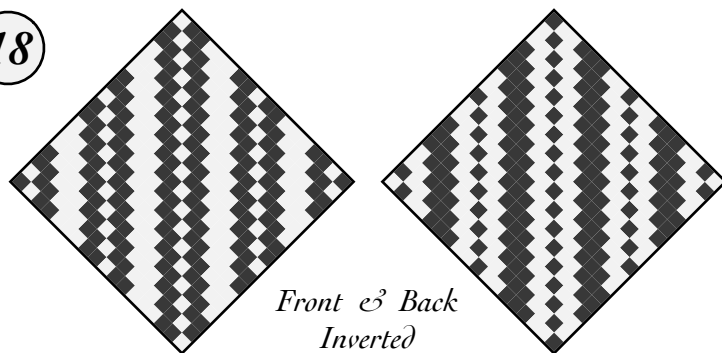
18



# Three-Two-One-Two Twill

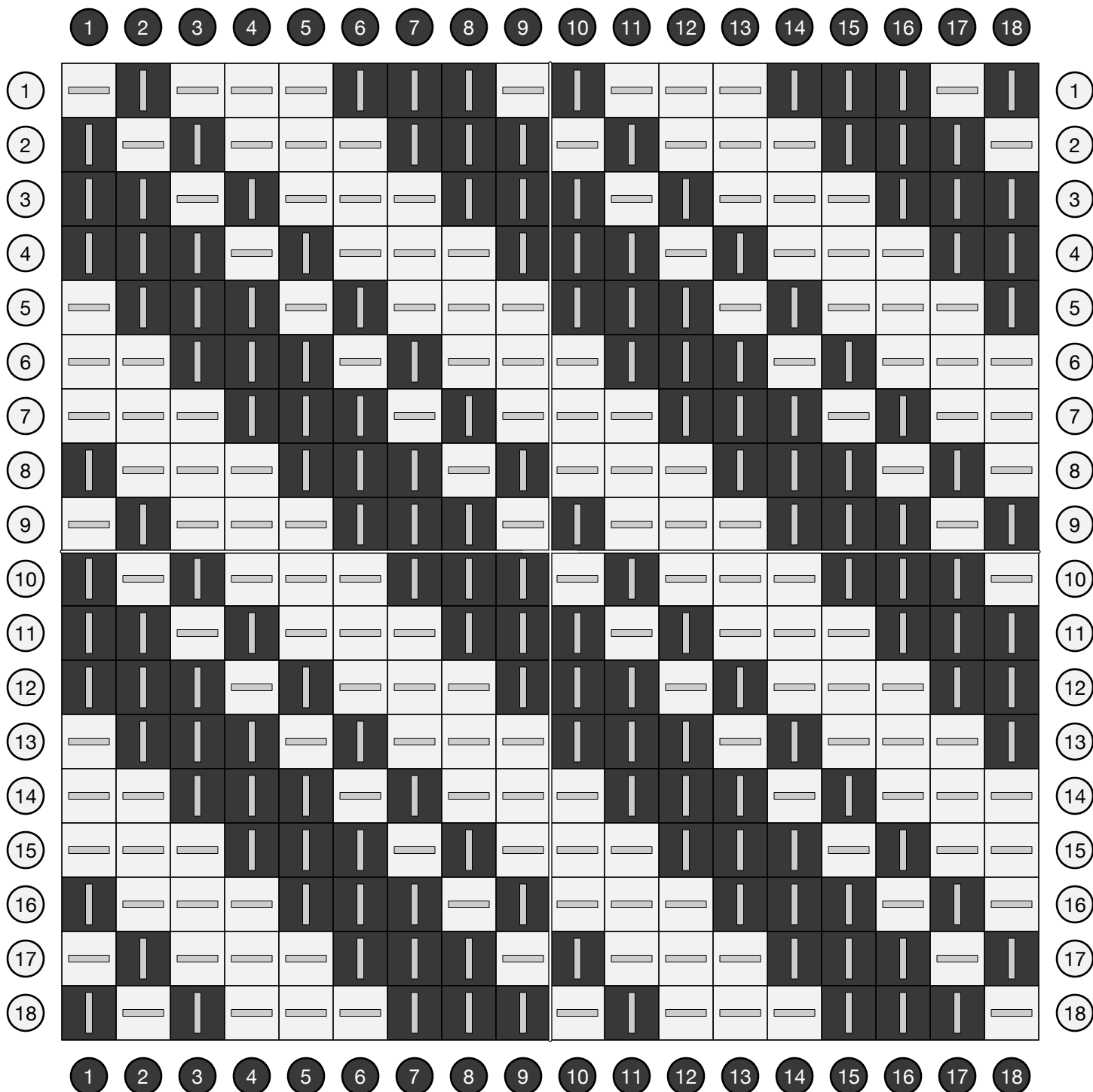
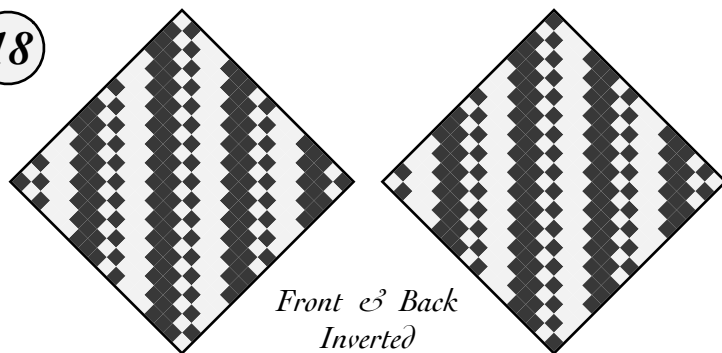
Solid threading and a pattern of 3/2/1/2 twill weaving yields a pattern of mis-matched lines.

18



# Three-Three-One-One Twill (18)

Solid threading and a pattern of 3/3/1/1 twill weaving yields a pattern of mis-matched lines.



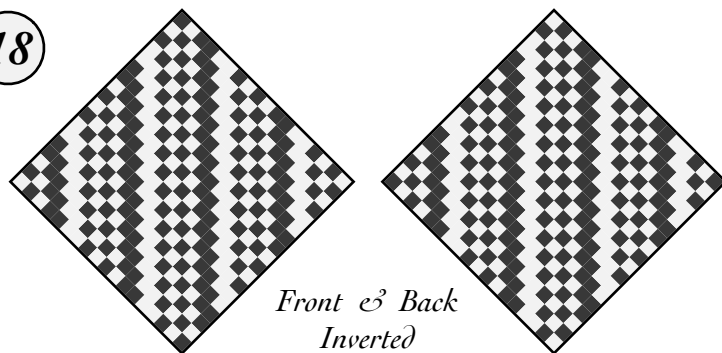
# Twill-Tabby Angled Bands

18

Alternating bands of two-two twill and plain weave.

Woven in 2/2/1/1/1/1, shifting by one in each row

Adapted from *A Handbook of Weaves* by G. H. Oelsner (1915), archived at [handweaving.net](http://handweaving.net) (#34243).



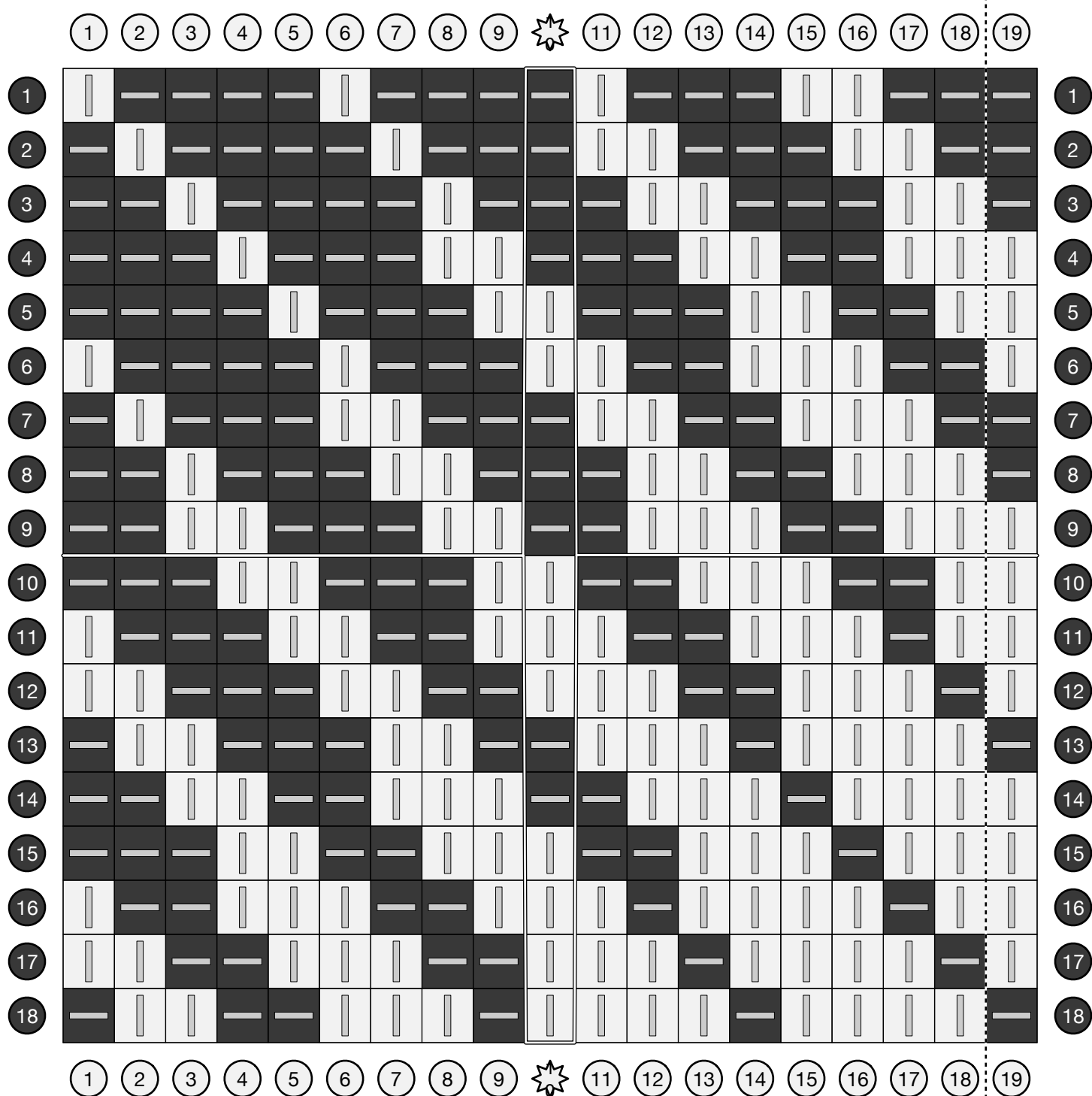
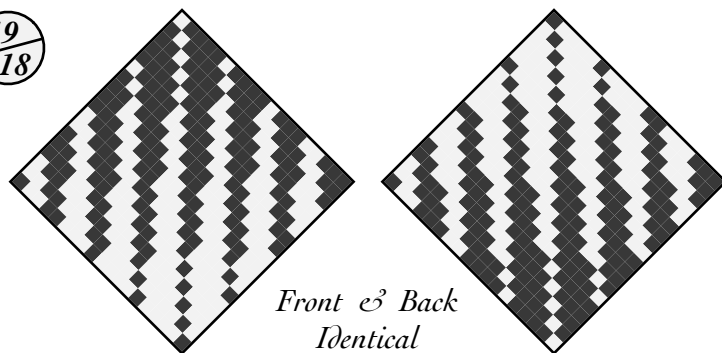
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1	—		—	—			—		—		—	—			—		—		1
2		—		—	—			—		—		—	—			—		—	2
3	—		—		—	—			—		—		—	—			—		3
4		—		—		—	—			—		—		—	—			—	4
5			—		—		—	—			—		—		—	—			5
6	—			—		—		—	—			—		—		—	—		6
7	—	—			—		—		—	—			—		—		—	—	7
8		—	—			—		—		—	—			—		—		—	8
9	—		—	—			—		—		—	—			—		—		9
10		—		—	—			—		—		—	—			—		—	10
11	—		—		—	—			—		—		—	—			—		11
12		—		—		—	—			—		—		—	—			—	12
13			—		—		—	—			—		—		—	—			13
14	—			—		—		—	—			—		—		—	—		14
15	—	—			—		—		—	—			—		—		—	—	15
16		—	—			—		—		—	—			—		—		—	16
17	—		—	—			—		—		—	—			—		—		17
18		—		—	—			—	—	—		—	—			—		—	18
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	

# Angled Twill Fade

A spectrum of twills steps in angled bands from 4/1 through 3/2 and 2/3 to 1/4.

The result is flexible and flat despite the changes in weave.

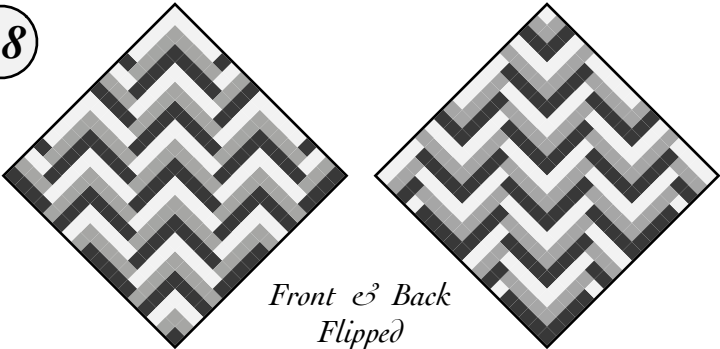
$\frac{19}{18}$



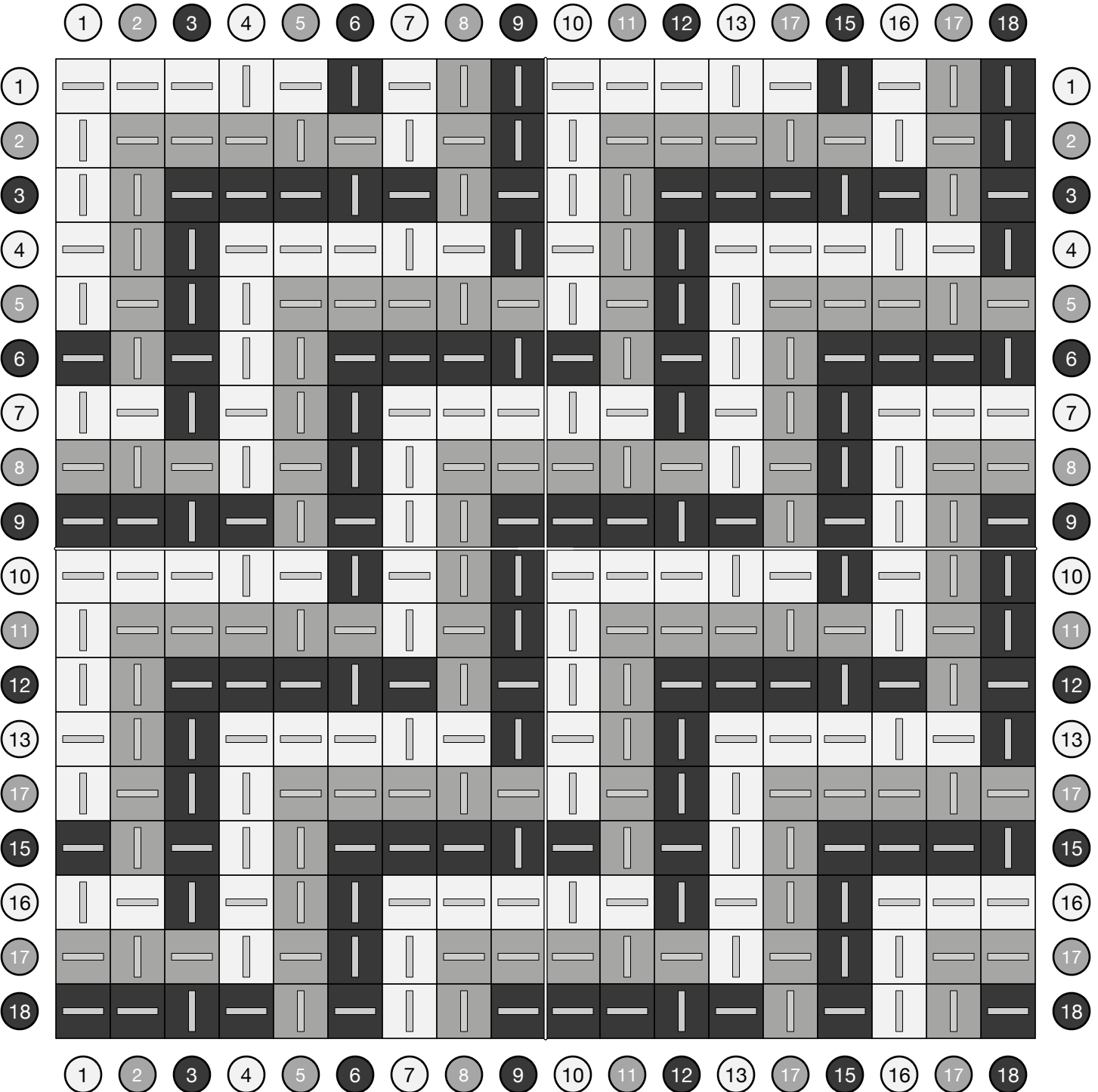
# Tri-Color Chevrons

A repeating weave of 3/1/1/1/2 combines with three alternating colors to make a series of V shapes.

18



Front & Back  
Flipped



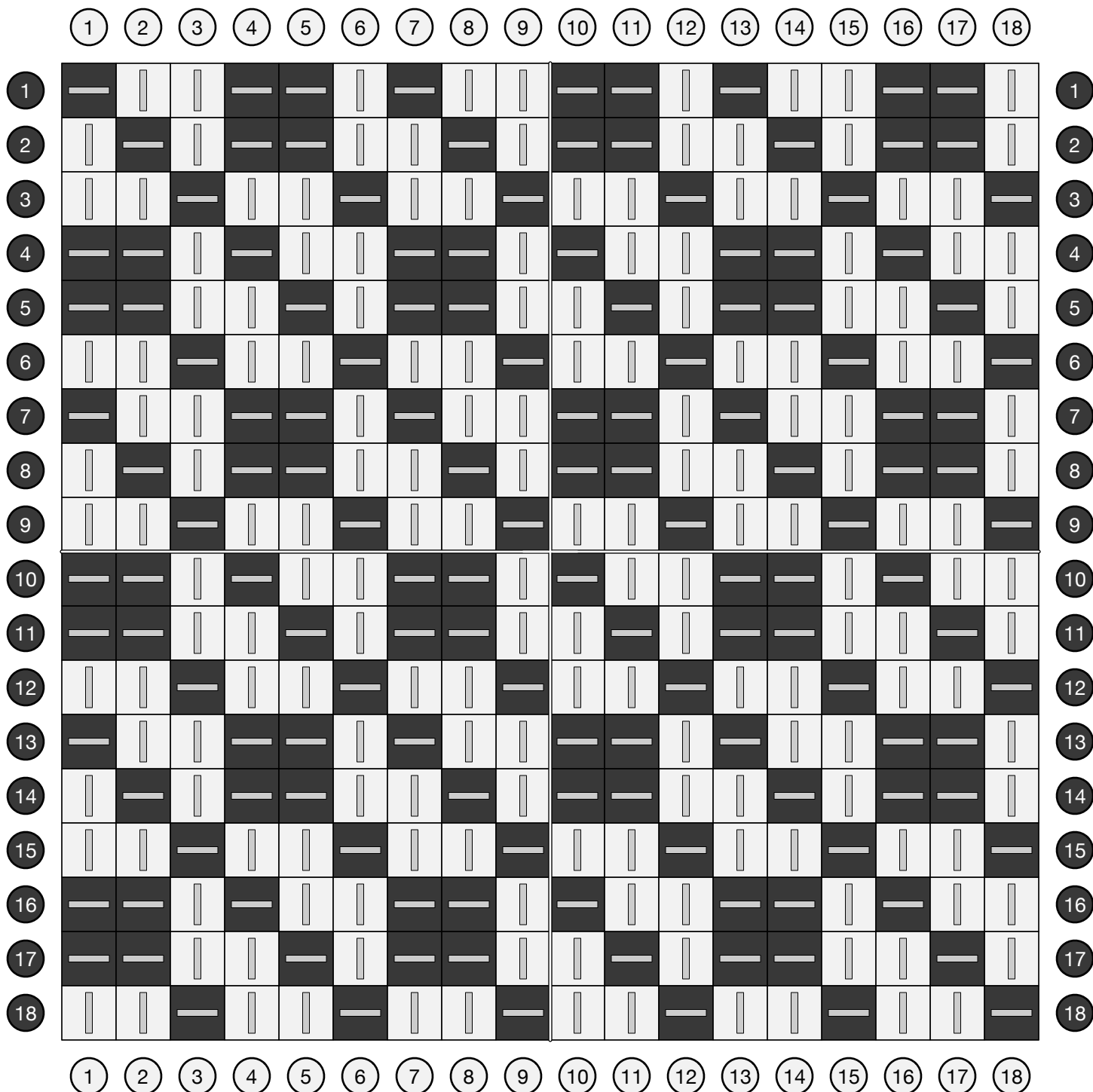
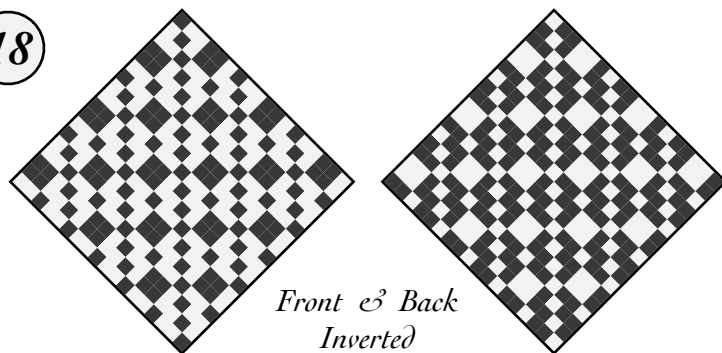


# Beaded Twill

18

Alternating between two-one twill and two-two-one-one produces a grid of small and large squares on each side.

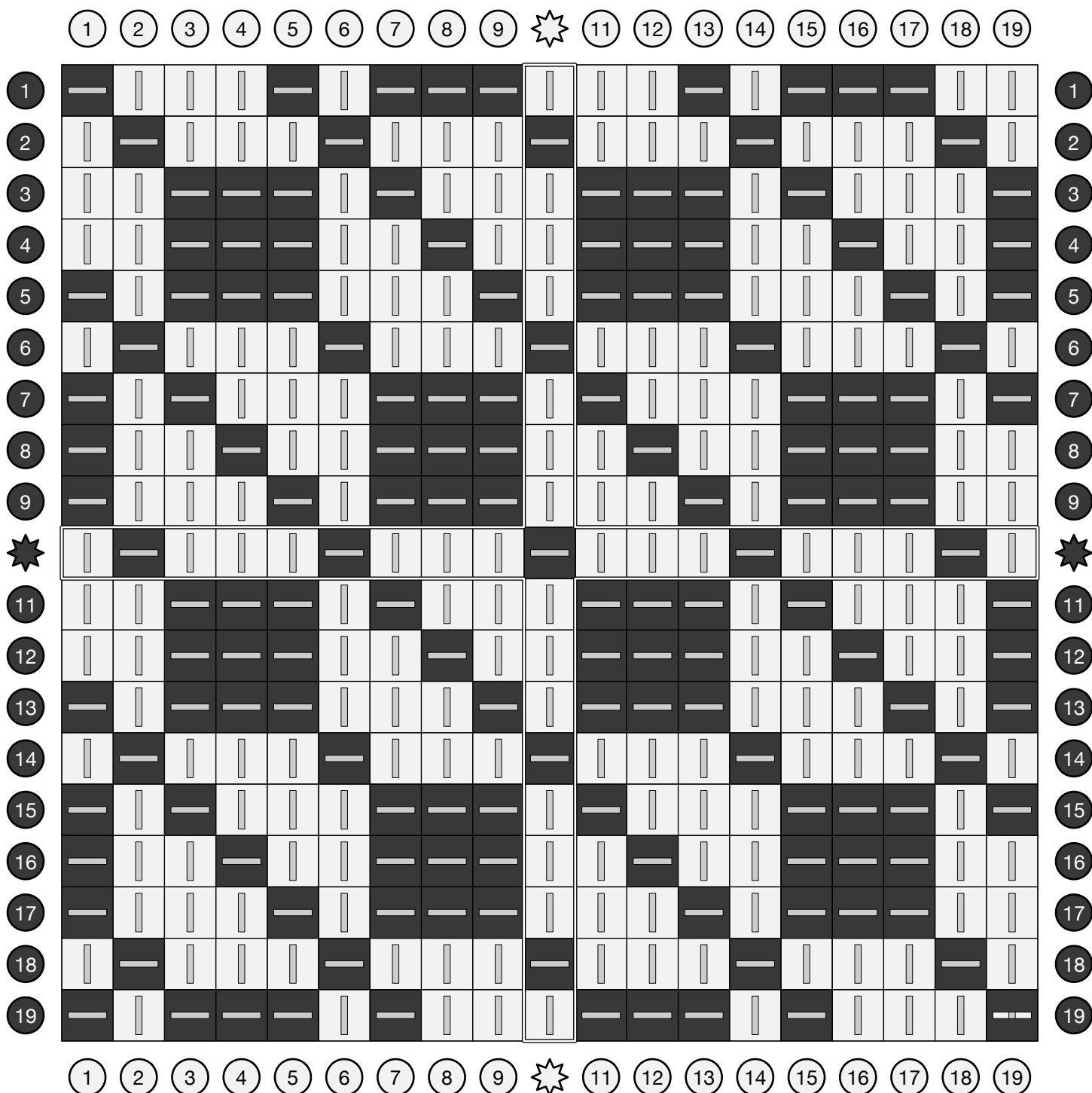
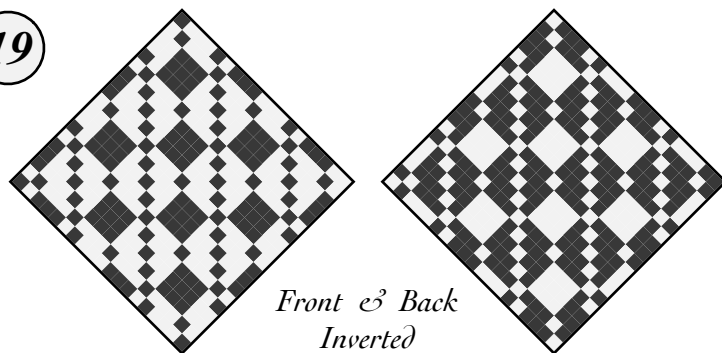
Adapted from Griswold's *Classical Collection 1*, archived at [handweaving.net](http://handweaving.net) (#2701).



# Barleycorn

Alternating small and large squares separated by long diagonals.

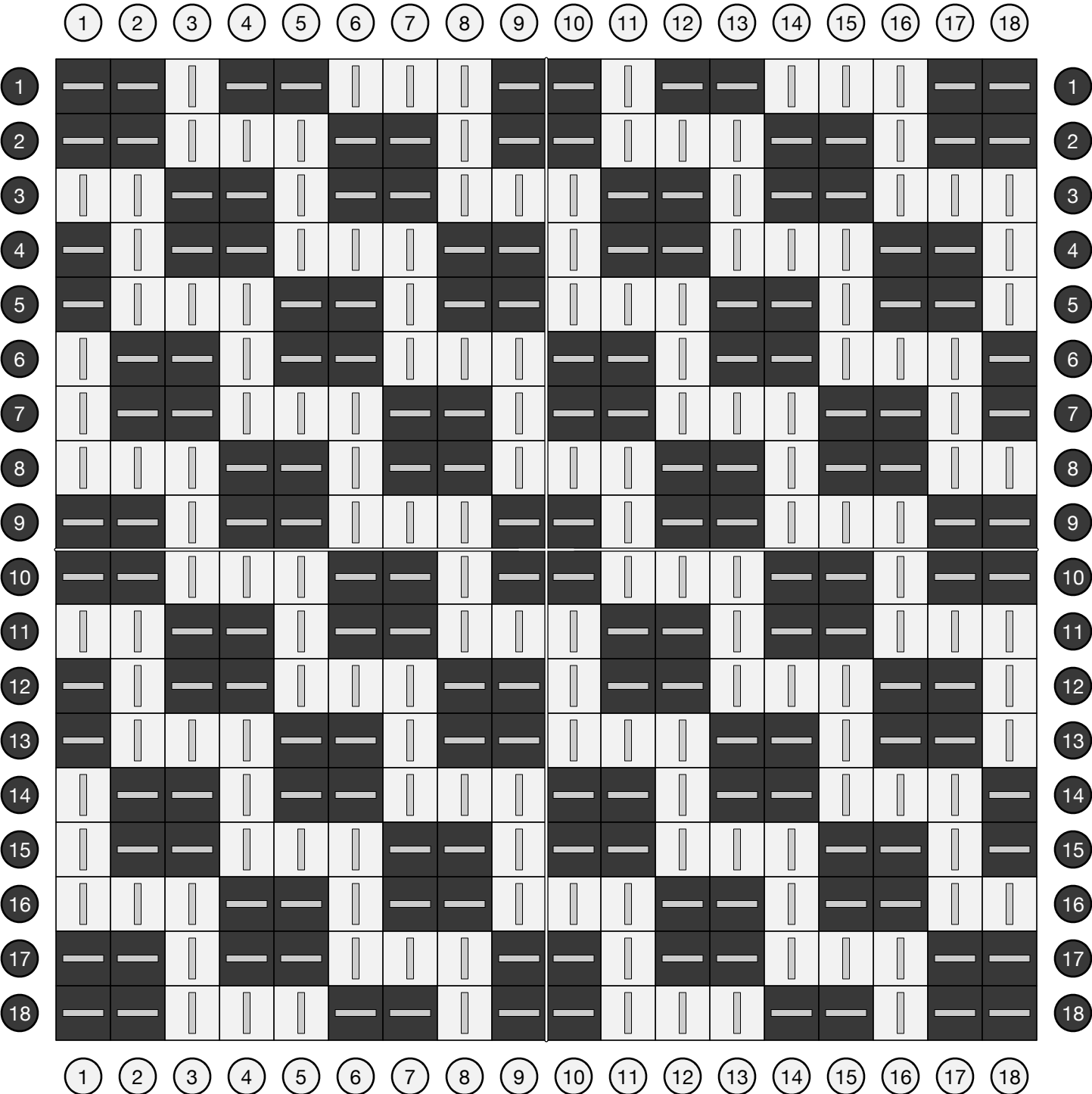
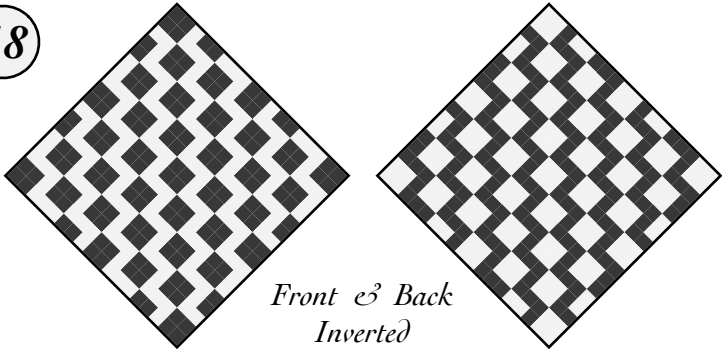
19



# Twilled Hopsack

An angled series of over-two floats is framed by alternating one- and three-floats to produce the appearance of an angled weave.

18

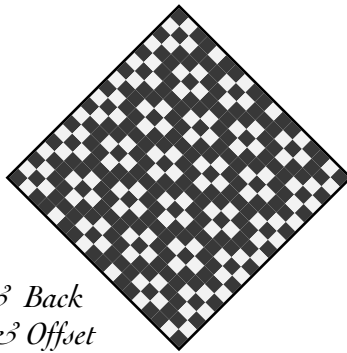
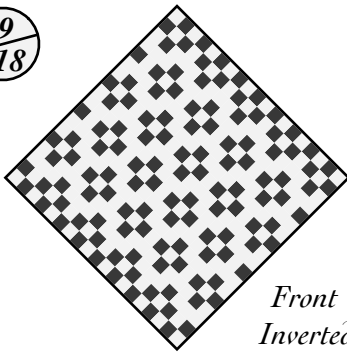


# Separated Twill Crosses

Alternating rows of 3/1 and 1/1 yield a sprinkling of dimpled crosses on the front and puffy ridges on the other.

Adapted June 2022 from handweaving.net (#58).

19  
18



Front & Back  
Inverted & Offset

