

Heaven and Earth Designs

Astronomer

(Large Format)

Chart No: HAERAS 1435

Chart Design By Michele Sayetta

Artwork by Randal Spangler



Finished Design Size 450 W by 593 H (18 W X 23-5/8 inches on 25ct)
(This Chart Contains 88 Colors)

Heaven and Earth Designs LLC

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Instructions

Congratulations on buying a **Heaven and Earth Designs LLC** Cross Stitch Chart .

We know it will bring you many hours of pleasurable stitching and believe the final result will be something to love and admire forever.

Included with your chart is a clear plastic bag to protect your chart, and a coded thread list for the threads you will need to complete your project. Our charts are designed to use DMC stranded cotton threads and, where appropriate, Kreinik metallic thread.

Chart Instructions:

1. This chart is made up of several numbered pages beginning at the top left corner of the first page. The pages of chart are laid out from left to right in rows e.g. 1 2 3 4, 5 6 7 8. Although each chart is marked with arrows which indicate the centre , we believe you will find it easier to begin from the top left corner of page 1 and follow the chart page by page to the bottom right corner of the last page.
2. We recommend you stitch your design on either 18 count Aida or 25 count Linen. using 2 strands of cotton over one in each case.
3. At the top of the thread list you will find our recommendation for the fabric colour. We recommend purchasing a piece of fabric that equates to the design size plus 3 inches [75mm] all around, to allow for framing and matting.
4. Because of the large number of stitches, we have found it to be easier if you stitch one 10X10 grid at a time and then continue on to the next 10 x 10 grid.
5. Stitch each page until it is completed and then move on to the next. On each page there is a number at the top left that indicates the page number. On each corner is a number in parenthesis that indicates the connecting page, unless there is not one.
6. Under International Copyright Laws, you may copy the chart for your own use. We recommend that you use a copy as your working document. You may also wish to enlarge the pages to make the symbols easier to read.

If you have any questions regarding this chart please feel free to contact us.

Heaven and Earth Designs LLC

320-214-7998

































<http://www.heavenandearthdesigns.com>











































Heaven and Earth Designs LLC















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Pattern Name: Astronomer-Spangler
Designed By: Michele Sayetta
Company: Heaven and Earth Designs LLC
Copyright: 2011 ®
Fabric: Linen 25, White
 450w X 593h Stitches
Size: 25 Count, 18w X 23-5/8h in

Floss Used for Full Stitches:

Symbol	Strands	Type	Number	Color
	\$	2	DMC 152	Shell Pink-MD LT
	S	2	DMC 159	Gray Blue-LT
	△	2	DMC 160	Gray Blue-MD
	#	2	DMC 224	Shell Pink-VY LT
	◇	2	DMC 300	Mahogany-VY DK
	✦	2	DMC 301	Mahogany-MD
	∇	2	DMC 310	Black
	(2	DMC 315	Antique Mauve-VY DK
	♡	2	DMC 317	Pewter Gray
	v	2	DMC 318	Steel Gray-LT
	7	2	DMC 336	Navy Blue
	✕	2	DMC 356	Terra Cotta-MD
	⊕	2	DMC 372	Mustard-LT
	⊙	2	DMC 400	Mahogany-DK
	×	2	DMC 413	Pewter Gray-DK
	⌘	2	DMC 420	Hazelnut Brown-DK
	e	2	DMC 434	Brown-LT
	⊠	2	DMC 435	Brown-VY LT
	c	2	DMC 436	Tan
	←	2	DMC 451	Shell Gray-DK
	↓	2	DMC 471	Avocado Green-VY LT
	☆	2	DMC 524	Fern Green-VY LT
	⓪	2	DMC 610	Drab Brown-DK
	n	2	DMC 640	Beige Gray-VY DK
	⌒	2	DMC 647	Beaver Gray-MD
	⌘	2	DMC 676	Old Gold-LT
	≡	2	DMC 729	Old Gold-MD
	◆	2	DMC 738	Tan-VY LT
	a	2	DMC 739	Tan-UL VY LT
	Λ	2	DMC 762	Pearl Gray-VY LT
	∅	2	DMC 779	Cocoa-DK
	L	2	DMC 780	Topaz-UL VY DK





































Symbol	Strands	Type	Number	Color
	0	2	DMC 792	Cornflower Blue-DK
	4	2	DMC 797	Royal Blue
	3	2	DMC 798	Delft Blue-DK
	⌘	2	DMC 814	Garnet-DK
	⚙	2	DMC 815	Garnet-MD
	5	2	DMC 820	Royal Blue-VY DK
	m	2	DMC 822	Beige Gray-LT
	⦿	2	DMC 823	Navy Blue-DK
	h	2	DMC 833	Golden Olive-LT
	☛	2	DMC 842	Beige Brown-VY LT
	⌘	2	DMC 844	Beaver Brown-UL DK
	⌘	2	DMC 905	Parrot Green-DK
	<	2	DMC 930	Antique Blue-DK
	⌘	2	DMC 931	Antique Blue-MD
	⌘	2	DMC 934	Black Avocado Green
	▼	2	DMC 938	Coffee Brown-UL DK
	9	2	DMC 939	Navy Blue-VY DK
	≈	2	DMC 966	Baby Green-MD
	∇	2	DMC 975	Golden Brown-DK
	▣	2	DMC 976	Golden Brown-MD
	⌘	2	DMC 3012	Khaki Green-MD
	⌘	2	DMC 3031	Mocha Brown-VY DK
	↑	2	DMC 3041	Antique Violet-MD
	⌘	2	DMC 3042	Antique Violet-LT
	➡	2	DMC 3064	Desert Sand
	⌘	2	DMC 3345	Hunter Green-DK
	>	2	DMC 3348	Yellow Green-LT
	⌘	2	DMC 3363	Pine Green-MD
	▨	2	DMC 3364	Pine Green
	▲	2	DMC 3371	Black Brown
	⌘	2	DMC 3721	Shell Pink-DK
	▣	2	DMC 3726	Antique Mauve-DK
	«	2	DMC 3727	Antique Mauve-LT
	*	2	DMC 3743	Antique Violet-VY LT
	⌘	2	DMC 3747	Blue Violet-VY LT
	H	2	DMC 3752	Antique Blue-VY LT
	6	2	DMC 3756	Baby Blue-UL VY LT
	♥	2	DMC 3771	Terra Cotta-UL VY LT
	↓	2	DMC 3772	Desert Sand-VY DK
	▲	2	DMC 3787	Brown Gray-DK
	⌘	2	DMC 3799	Pewter Gray-VY DK
	T	2	DMC 3827	Golden Brown-Pale











































Symbol	Strands	Type	Number	Color
 @	2	DMC	3828	Hazelnut Brown
 8	2	DMC	3836	Grape-LT
 2	2	DMC	3838	Lavender Blue-DK
 ♠	2	DMC	3839	Lavender Blue-MD
 ■	2	DMC	3854	Autumn Gold-MD
 ●	2	DMC	3856	Mahogany-UL VY LT
 ↑	2	DMC	3857	Rosewood-DK
 ∨	2	DMC	3858	Rosewood-MD
 **	2	DMC	3860	Cocoa
 III	2	DMC	3861	Cocoa-LT
 ✕	2	DMC	3862	Mocha Beige-DK
 ∩	2	DMC	3863	Mocha Beige-MD
 □	2	DMC	3864	Mocha Beige-LT
 ‡	2	DMC	3866	Mocha Brown-UL VY LT











Usage Summary

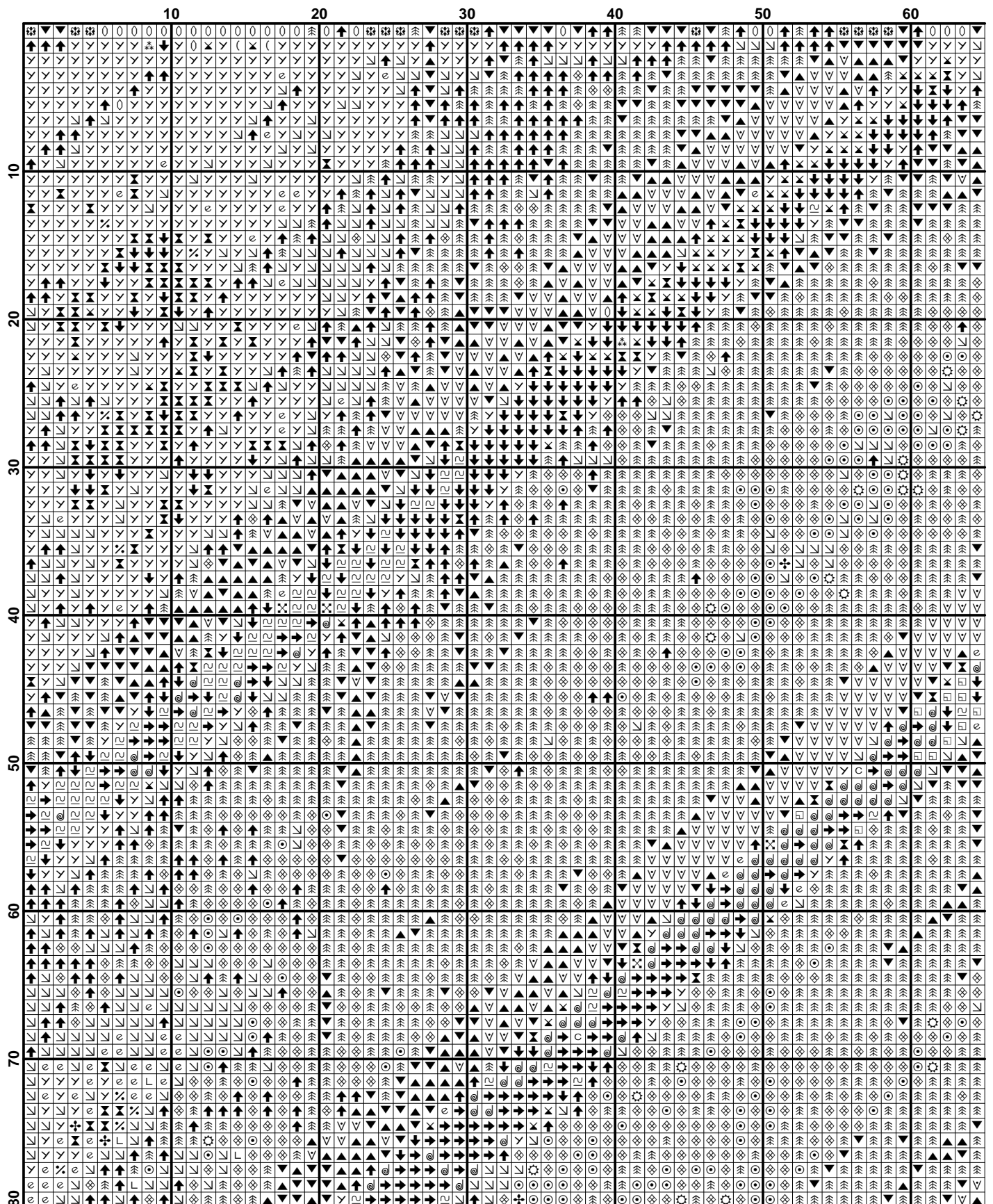
Strands Per Skein: 6

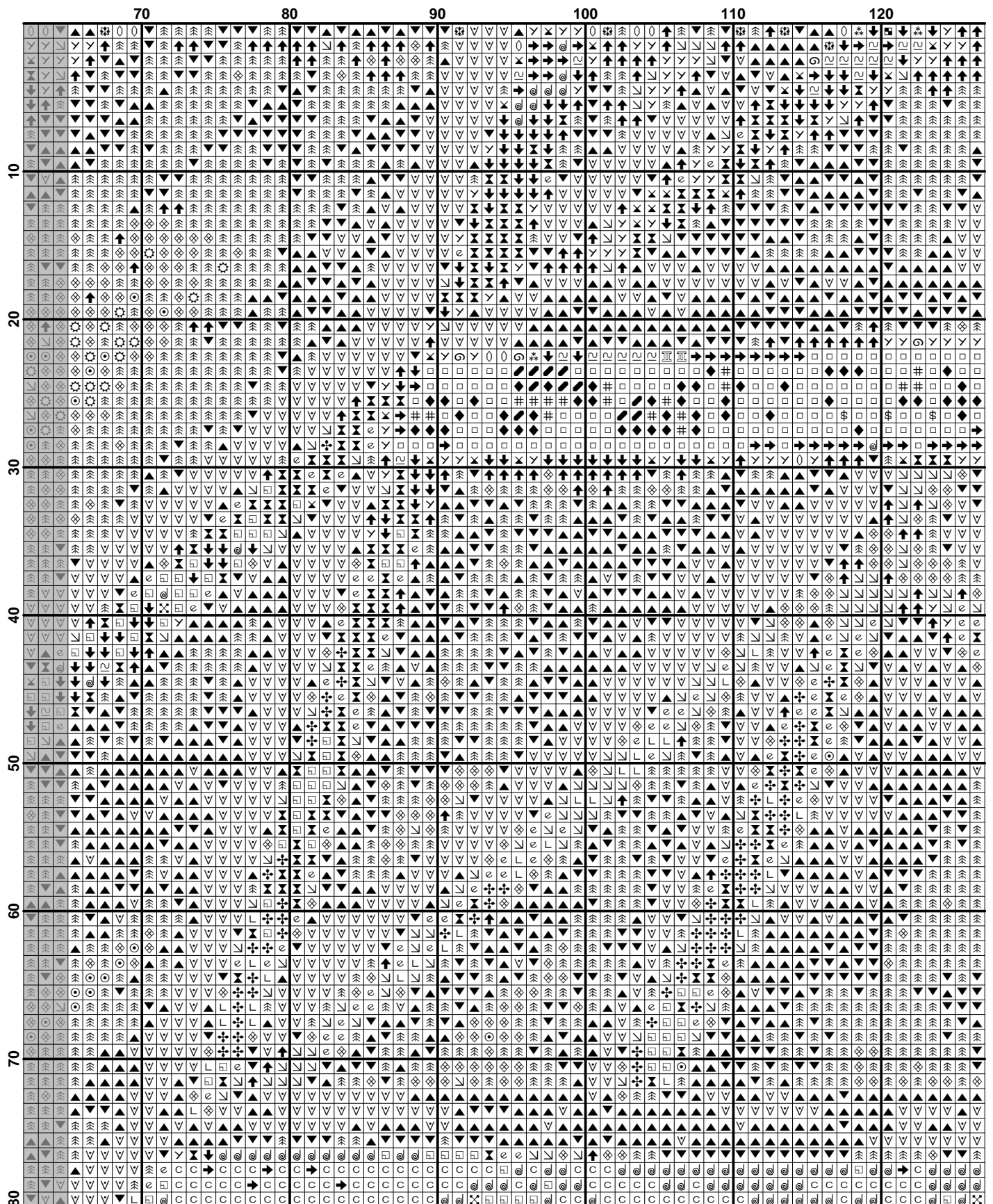
Skein Length: 313.0 in

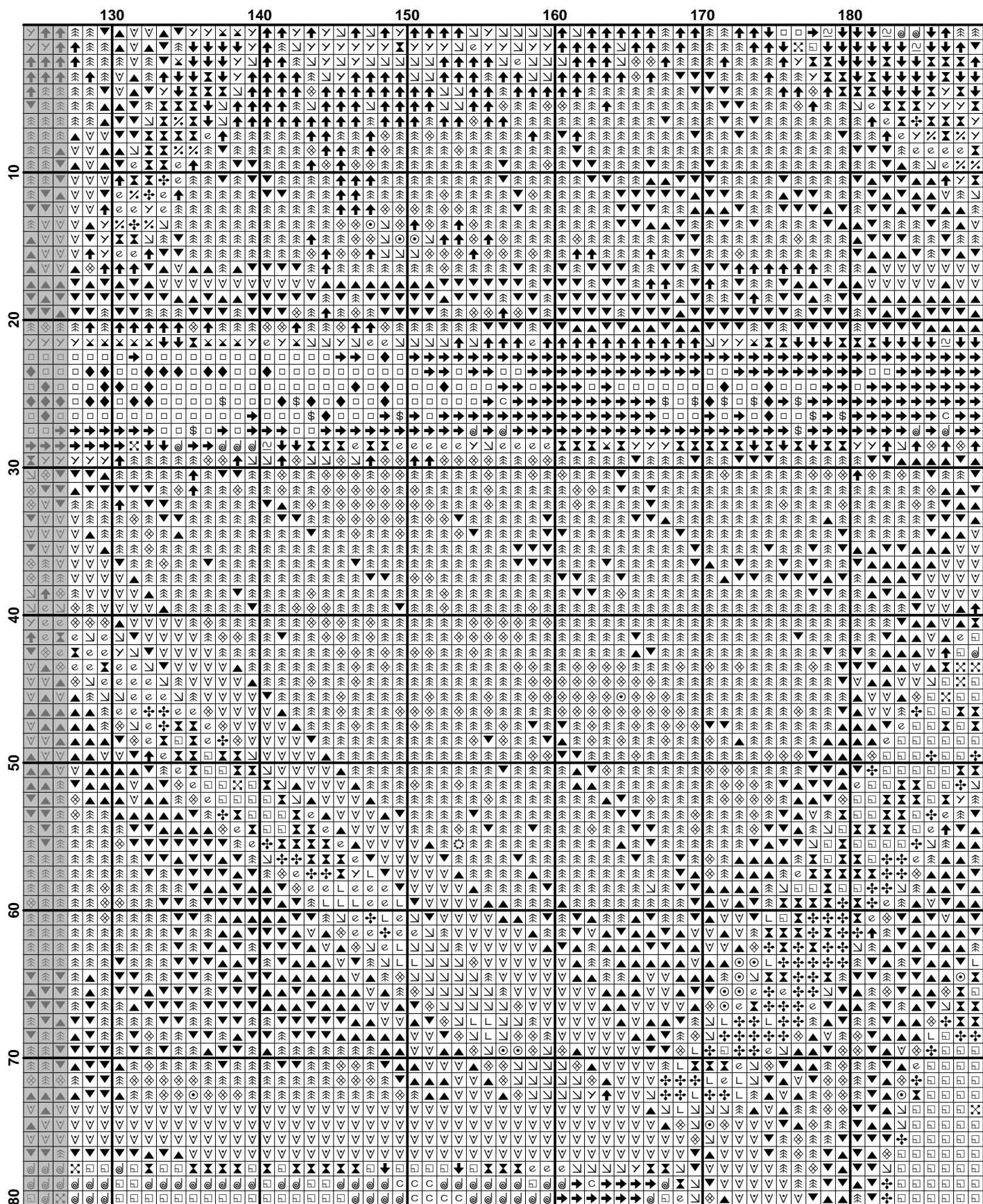
Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
 DMC 152	152	1406	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 159	159	1433	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 160	160	1197	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 224	224	309	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 300	300	15075	0	0	0	0.0	0.0	0.0	0	0	5.000
 DMC 301	301	6955	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 310	310	14919	0	0	0	0.0	0.0	0.0	0	0	5.000
 DMC 315	315	693	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 317	317	2248	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 318	318	1475	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 336	336	1066	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 356	356	1646	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 372	372	634	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 400	400	4240	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 413	413	1356	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 420	420	5999	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 434	434	5189	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 435	435	8108	0	0	0	0.0	0.0	0.0	0	0	3.000
 DMC 436	436	3773	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 451	451	2953	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 471	471	70	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 524	524	1185	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 610	610	1740	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 640	640	1347	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 647	647	1554	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 676	676	898	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 729	729	1764	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 738	738	1462	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 739	739	2439	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 762	762	1741	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 779	779	4051	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 780	780	3503	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 792	792	1263	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 797	797	2986	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 798	798	196	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 814	814	14004	0	0	0	0.0	0.0	0.0	0	0	4.000

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
 DMC 815	583	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 820	2027	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 822	2040	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 823	1017	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 833	304	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 842	2860	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 844	2507	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 905	30	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 930	1371	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 931	558	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 934	2057	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 938	13398	0	0	0	0.0	0.0	0.0	0	0	4.000	
 DMC 939	2372	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 966	459	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 975	13127	0	0	0	0.0	0.0	0.0	0	0	4.000	
 DMC 976	1224	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3012	136	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3031	2681	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3041	1621	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3042	2173	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3064	6032	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 3345	226	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3348	236	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3363	734	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3364	476	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3371	13279	0	0	0	0.0	0.0	0.0	0	0	4.000	
 DMC 3721	882	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3726	929	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3727	1007	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3743	3789	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 3747	1940	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3752	698	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3756	8269	0	0	0	0.0	0.0	0.0	0	0	3.000	
 DMC 3771	577	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3772	5893	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 3787	3499	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3799	3444	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3827	1713	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3828	4046	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 3836	437	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3838	143	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3839	235	0	0	0	0.0	0.0	0.0	0	0	1.000	

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
 DMC	3854	417	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC	3856	1479	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC	3857	6680	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC	3858	4044	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC	3860	3979	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC	3861	5142	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC	3862	3602	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC	3863	4282	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC	3864	3591	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC	3866	1728	0	0	0	0.0	0.0	0.0	0	0	1.000

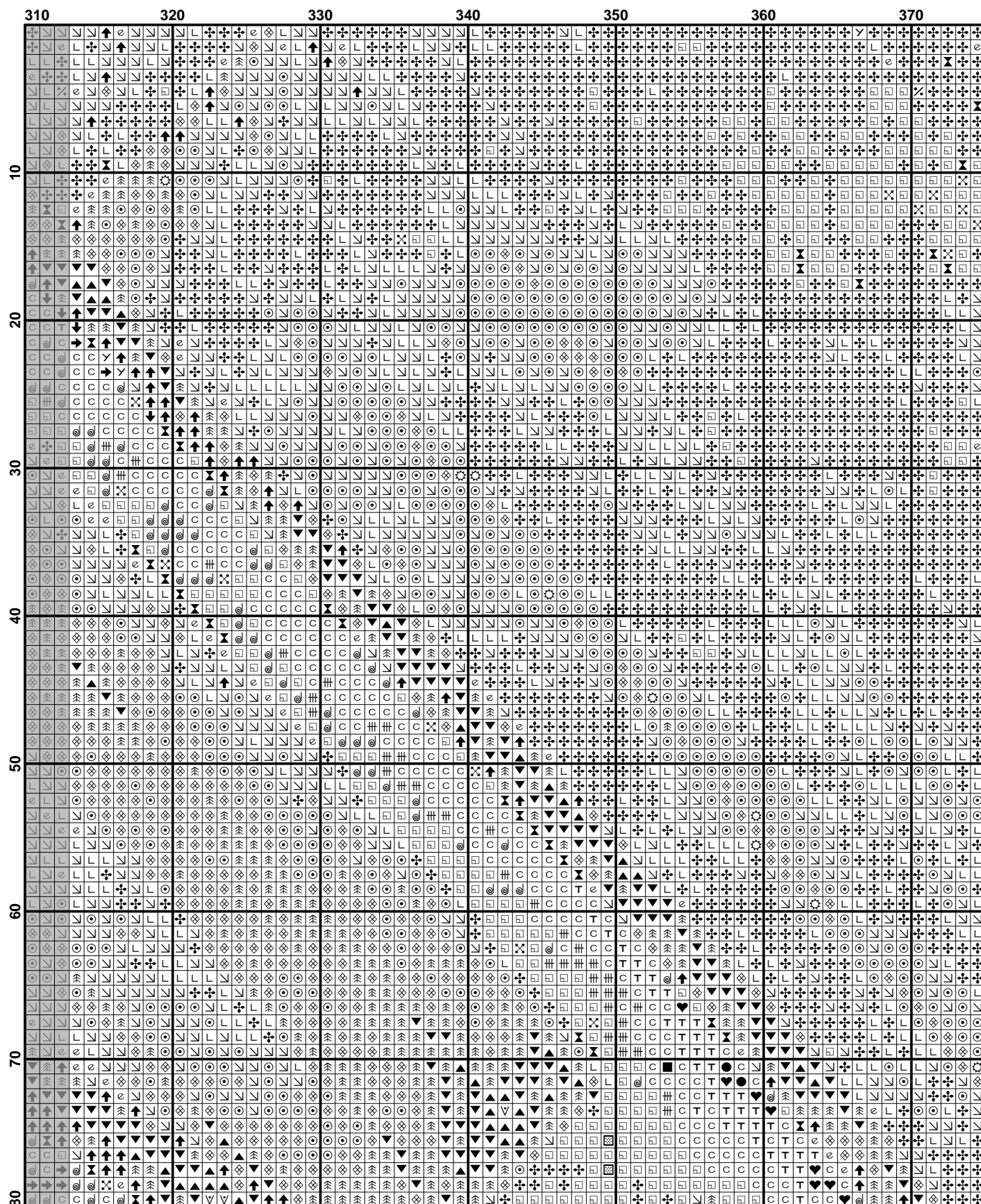


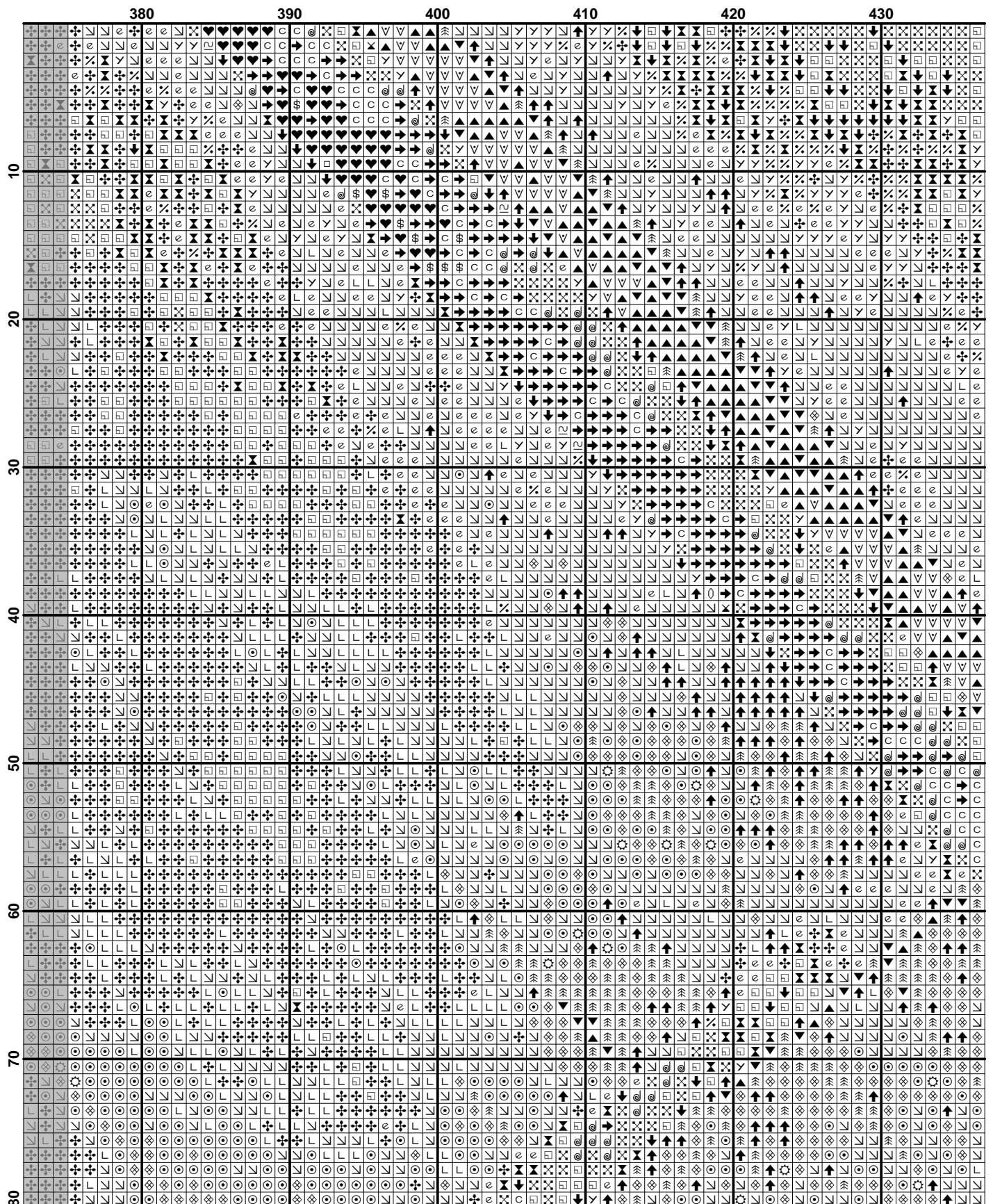


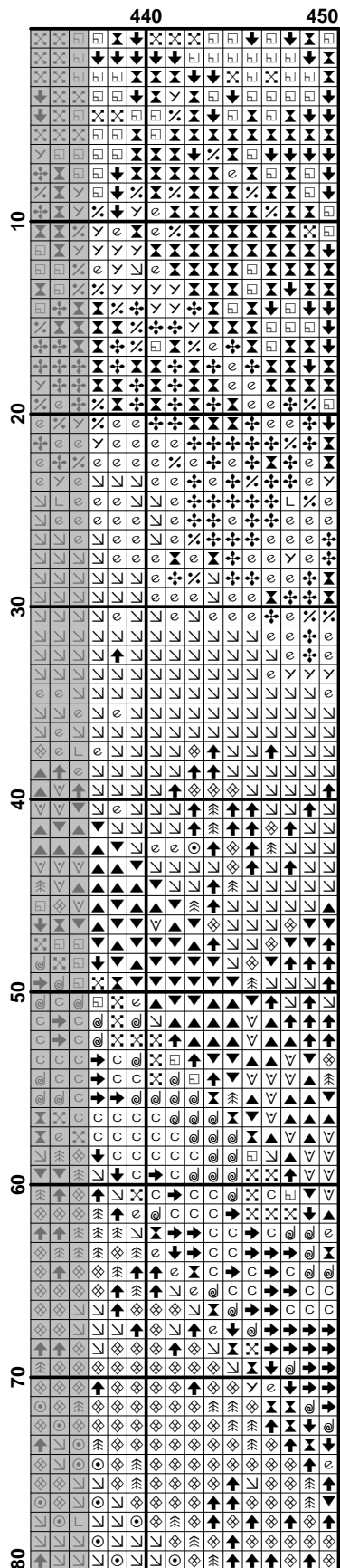


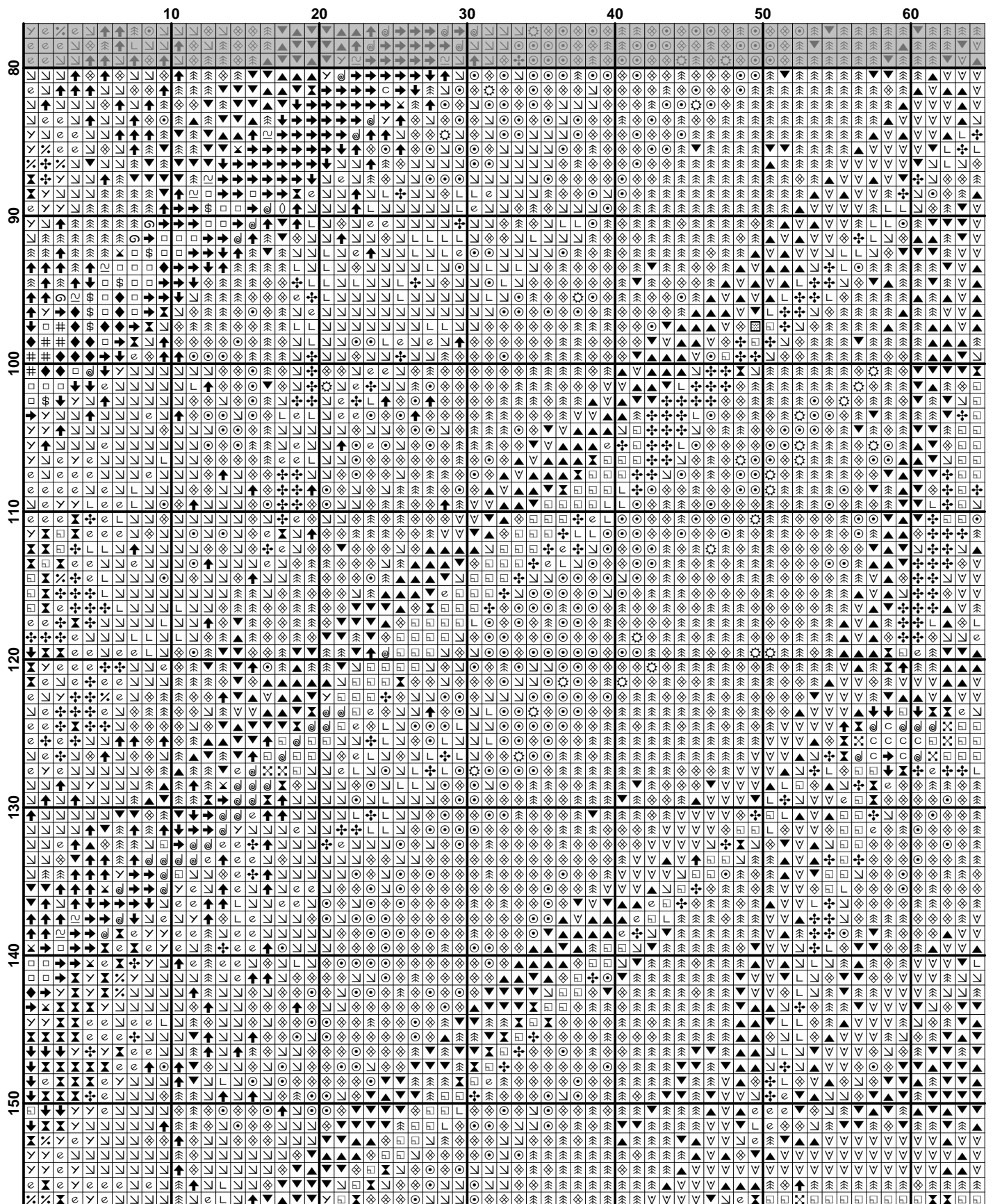
	190	200	210	220	230	240	250
10	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑
20	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑
30	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑
40	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑
50	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑
60	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑
70	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑
80	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑	↑↑↑↑↑

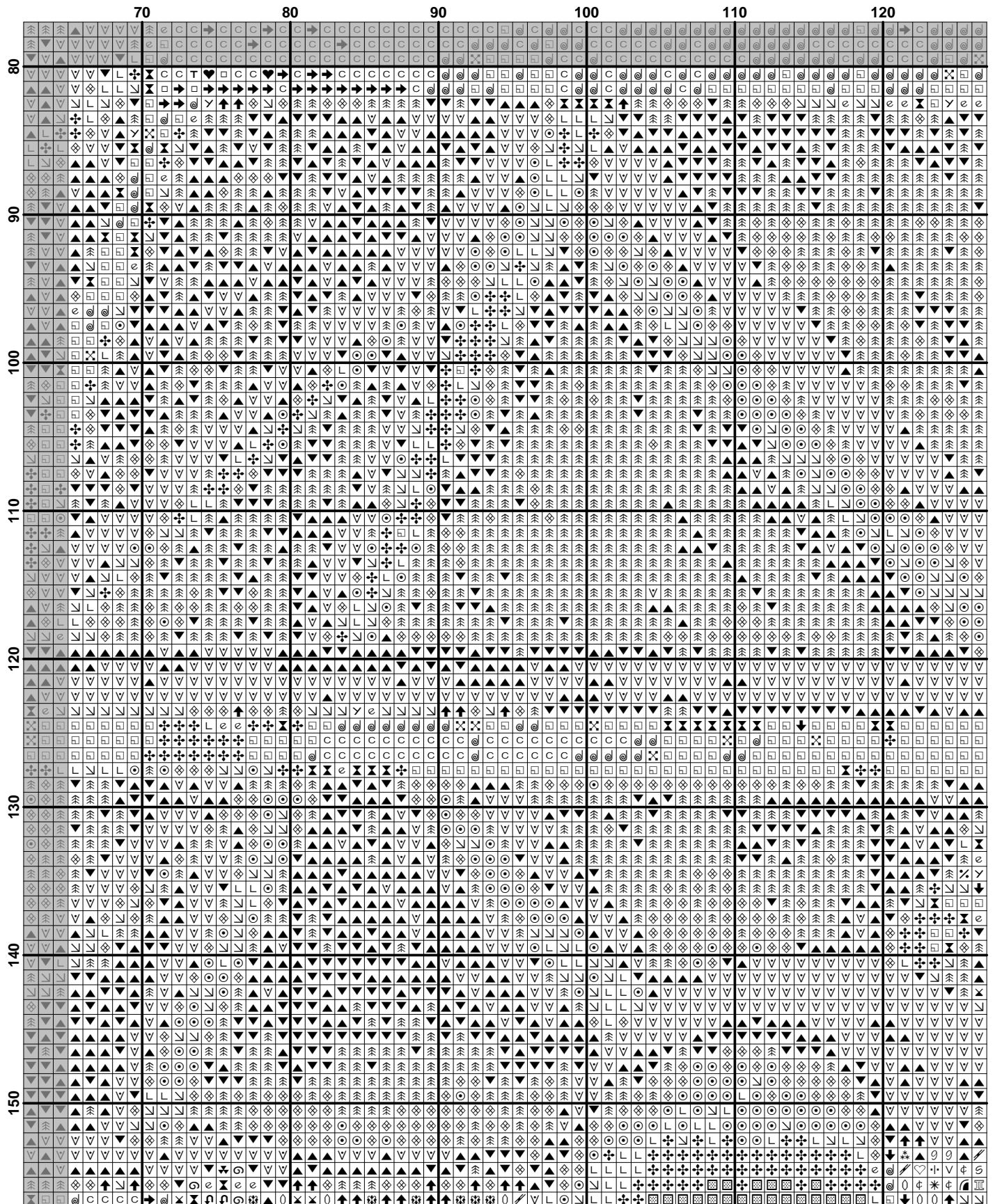
	250	260	270	280	290	300	310
10	Y	X	X	X	X	X	X
20	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X
60	X	X	X	X	X	X	X
70	X	X	X	X	X	X	X
80	X	X	X	X	X	X	X
90	X	X	X	X	X	X	X
100	X	X	X	X	X	X	X
110	X	X	X	X	X	X	X
120	X	X	X	X	X	X	X
130	X	X	X	X	X	X	X
140	X	X	X	X	X	X	X
150	X	X	X	X	X	X	X
160	X	X	X	X	X	X	X
170	X	X	X	X	X	X	X
180	X	X	X	X	X	X	X
190	X	X	X	X	X	X	X
200	X	X	X	X	X	X	X
210	X	X	X	X	X	X	X
220	X	X	X	X	X	X	X
230	X	X	X	X	X	X	X
240	X	X	X	X	X	X	X
250	X	X	X	X	X	X	X
260	X	X	X	X	X	X	X
270	X	X	X	X	X	X	X
280	X	X	X	X	X	X	X
290	X	X	X	X	X	X	X
300	X	X	X	X	X	X	X
310	X	X	X	X	X	X	X
320	X	X	X	X	X	X	X
330	X	X	X	X	X	X	X
340	X	X	X	X	X	X	X
350	X	X	X	X	X	X	X
360	X	X	X	X	X	X	X
370	X	X	X	X	X	X	X
380	X	X	X	X	X	X	X
390	X	X	X	X	X	X	X
400	X	X	X	X	X	X	X
410	X	X	X	X	X	X	X
420	X	X	X	X	X	X	X
430	X	X	X	X	X	X	X
440	X	X	X	X	X	X	X
450	X	X	X	X	X	X	X
460	X	X	X	X	X	X	X
470	X	X	X	X	X	X	X
480	X	X	X	X	X	X	X
490	X	X	X	X	X	X	X
500	X	X	X	X	X	X	X
510	X	X	X	X	X	X	X
520	X	X	X	X	X	X	X
530	X	X	X	X	X	X	X
540	X	X	X	X	X	X	X
550	X	X	X	X	X	X	X
560	X	X	X	X	X	X	X
570	X	X	X	X	X	X	X
580	X	X	X	X	X	X	X
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600	X	X	X	X	X	X	X
610	X	X	X	X	X	X	X
620	X	X	X	X	X	X	X
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640	X	X	X	X	X	X	X
650	X	X	X	X	X	X	X
660	X	X	X	X	X	X	X
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680	X	X	X	X	X	X	X
690	X	X	X	X	X	X	X
700	X	X	X	X	X	X	X
710	X	X	X	X	X	X	X
720	X	X	X	X	X	X	X
730	X	X	X	X	X	X	X
740	X	X	X	X	X	X	X
750	X	X	X	X	X	X	X
760	X	X	X	X	X	X	X
770	X	X	X	X	X	X	X
780	X	X	X	X	X	X	X
790	X	X	X	X	X	X	X
800	X	X	X	X	X	X	X
810	X	X	X	X	X	X	X
820	X	X	X	X	X	X	X
830	X	X	X	X	X	X	X
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850	X	X	X	X	X	X	X
860	X	X	X	X	X	X	X
870	X	X	X	X	X	X	X
880	X	X	X	X	X	X	X
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950	X	X	X	X	X	X	X
960	X	X	X	X	X	X	X
970	X	X	X	X	X	X	X
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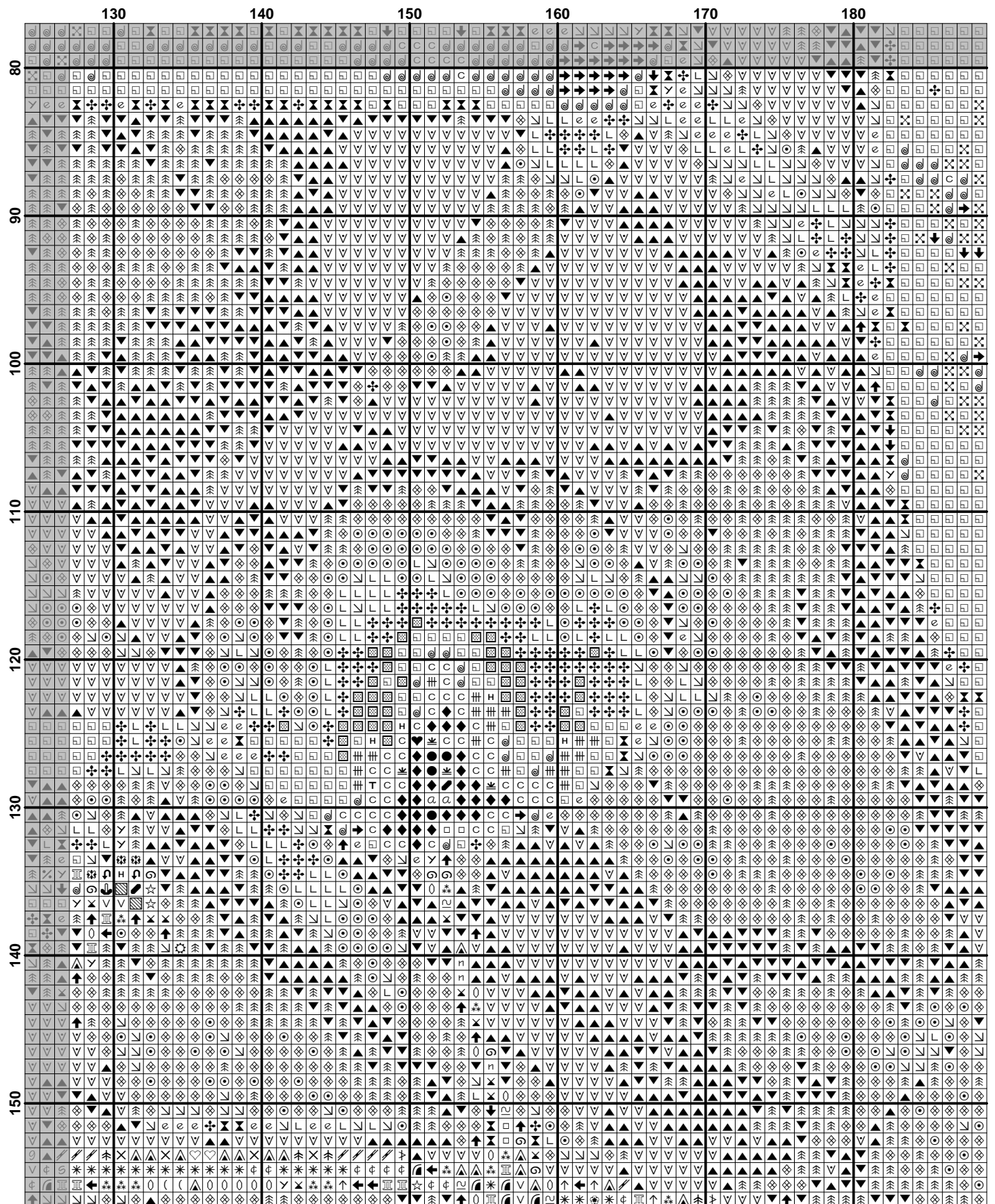






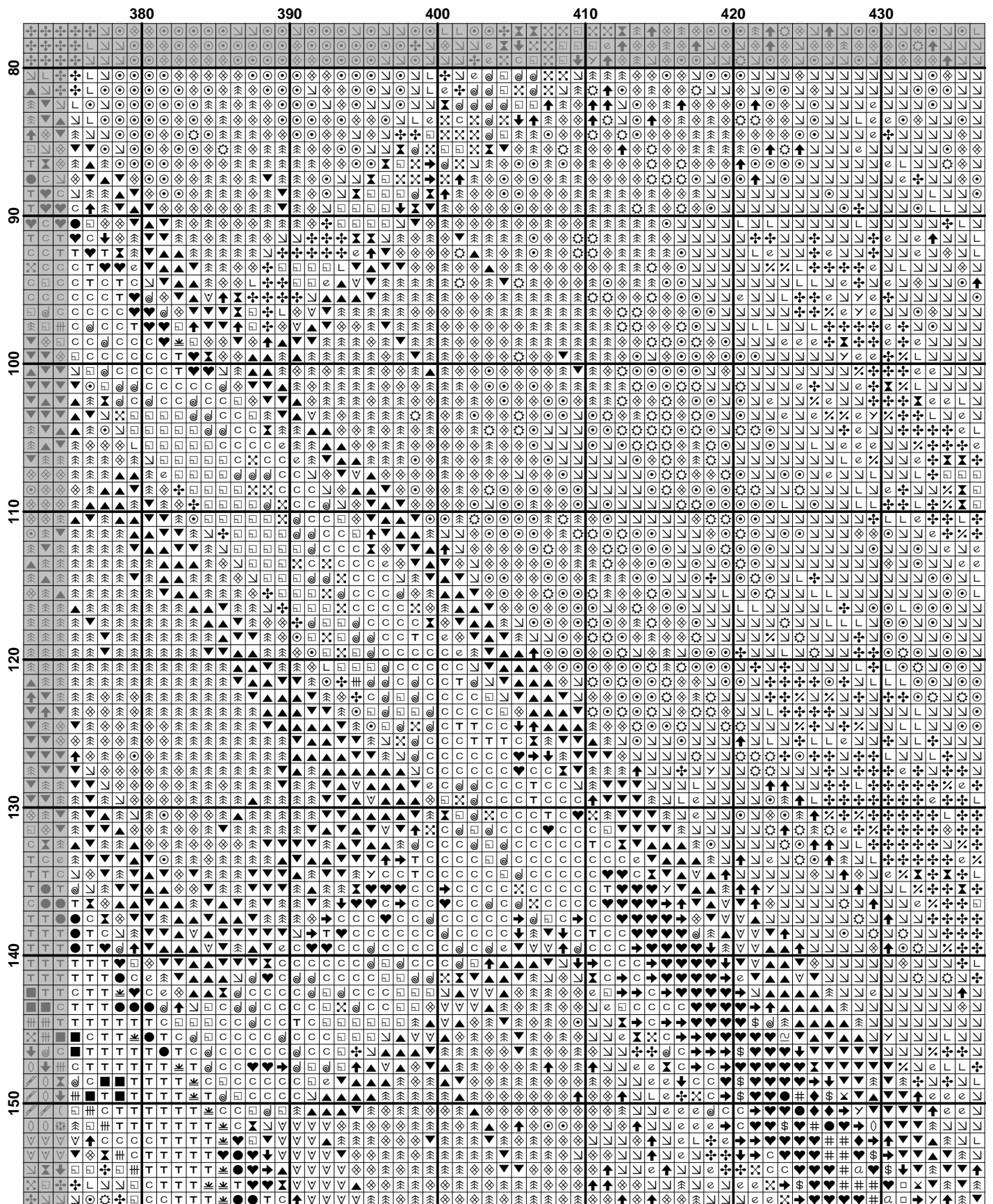


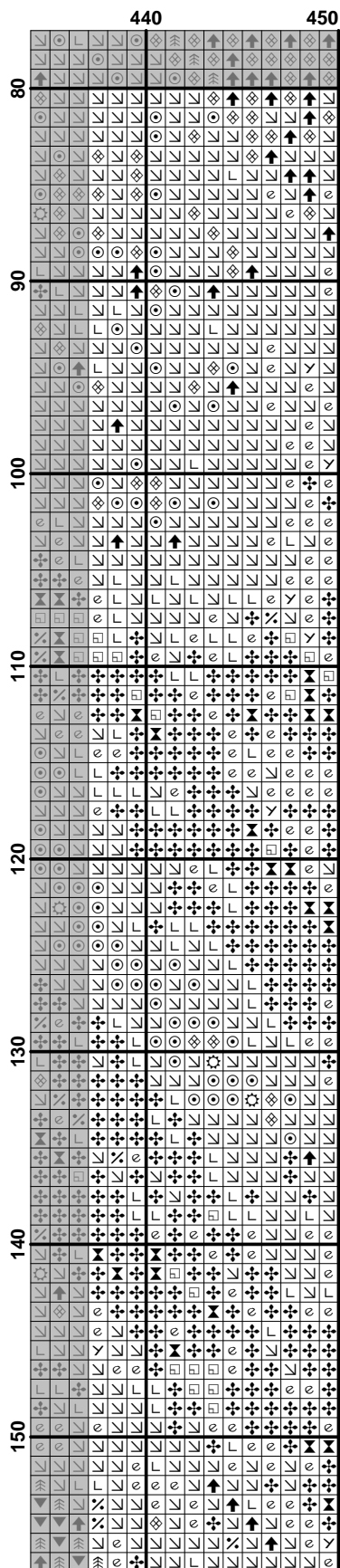




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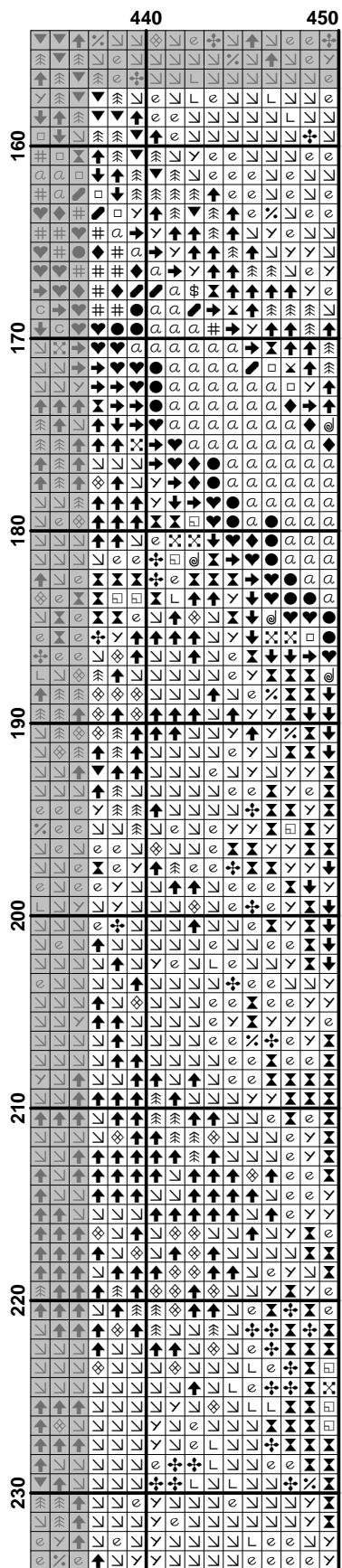


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161	Y	e	Y	Y	Y	Y
162	Y	e	Y	Y	Y	Y
163	Y	e	Y	Y	Y	Y
164	Y	e	Y	Y	Y	Y
165	Y	e	Y	Y	Y	Y
166	Y	e	Y	Y	Y	Y
167	Y	e	Y	Y	Y	Y
168	Y	e	Y	Y	Y	Y
169	Y	e	Y	Y	Y	Y
170	Y	e	Y	Y	Y	Y
171	Y	e	Y	Y	Y	Y
172	Y	e	Y	Y	Y	Y
173	Y	e	Y	Y	Y	Y
174	Y	e	Y	Y	Y	Y
175	Y	e	Y	Y	Y	Y
176	Y	e	Y	Y	Y	Y
177	Y	e	Y	Y	Y	Y
178	Y	e	Y	Y	Y	Y
179	Y	e	Y	Y	Y	Y
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225	Y	e	Y	Y	Y	Y
226	Y	e	Y	Y	Y	Y
227	Y	e	Y	Y	Y	Y
228	Y	e	Y	Y	Y	Y
229	Y	e	Y	Y	Y	Y
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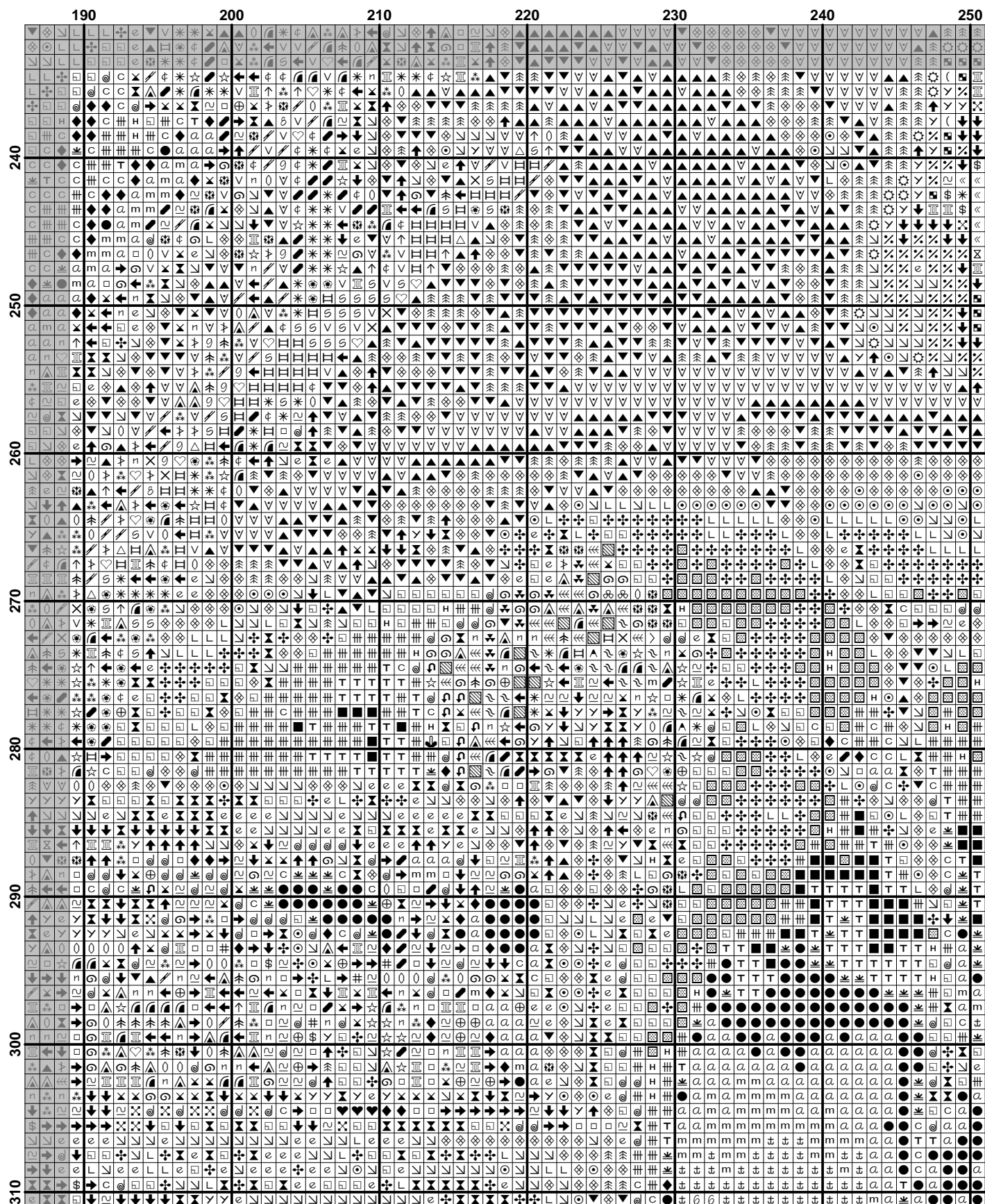
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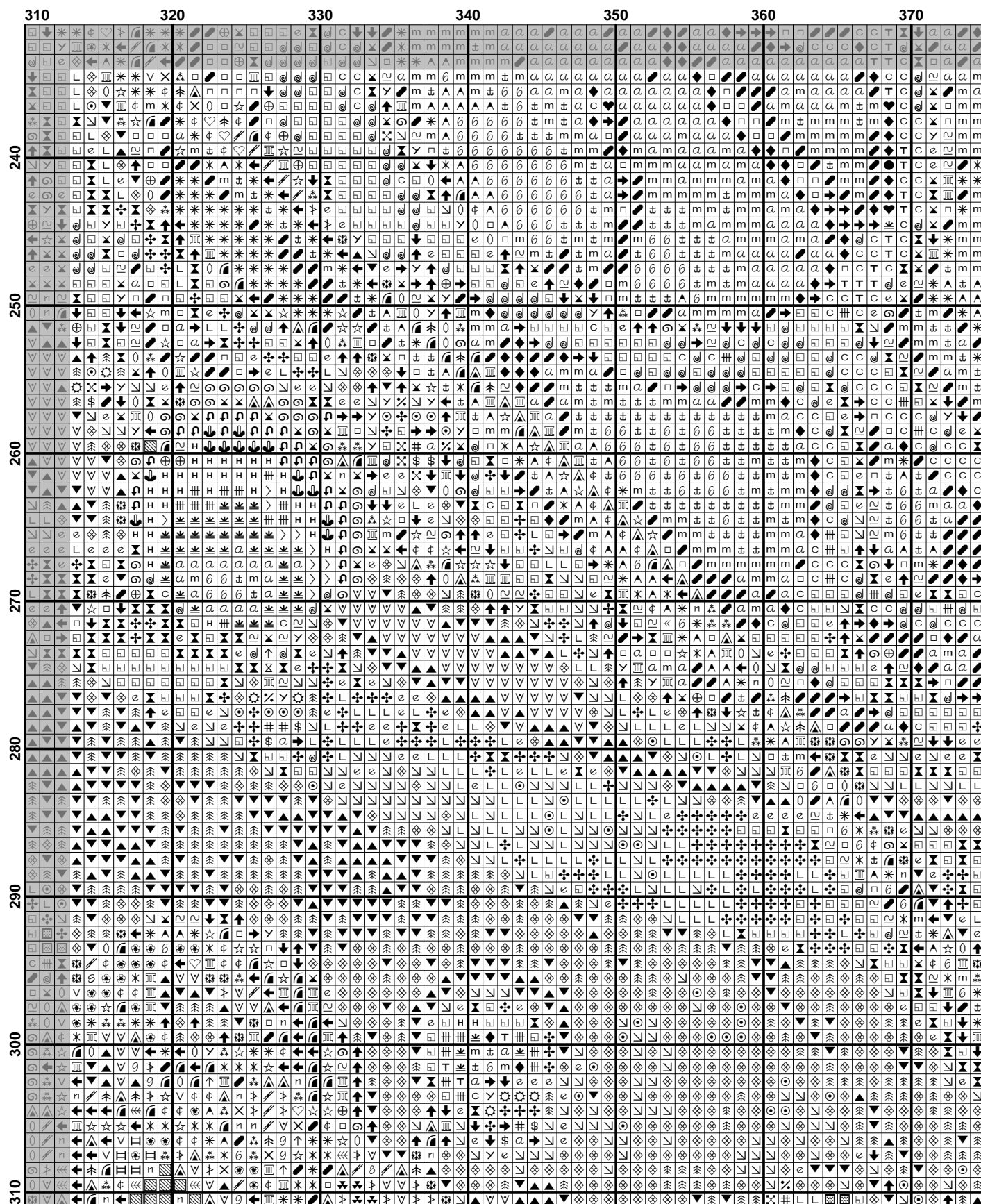


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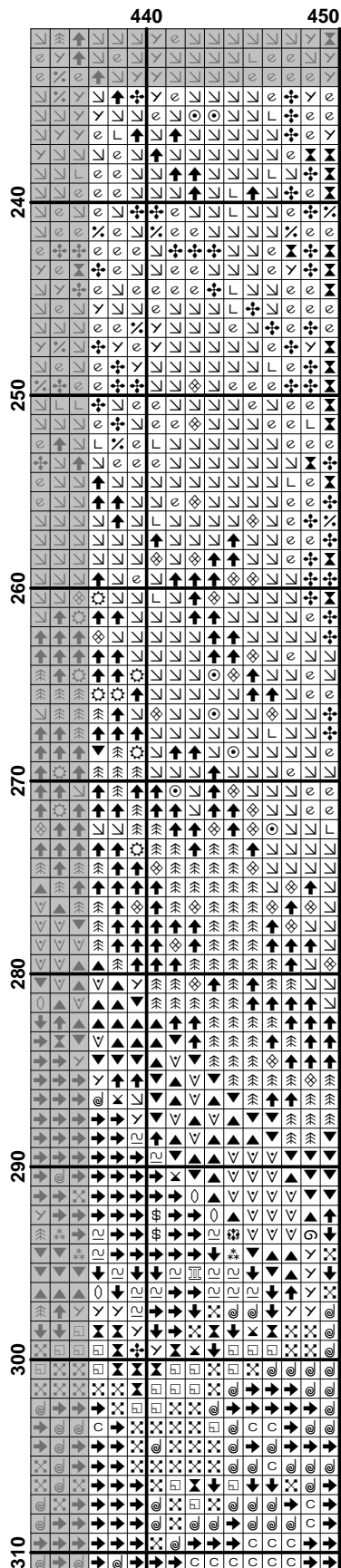
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310



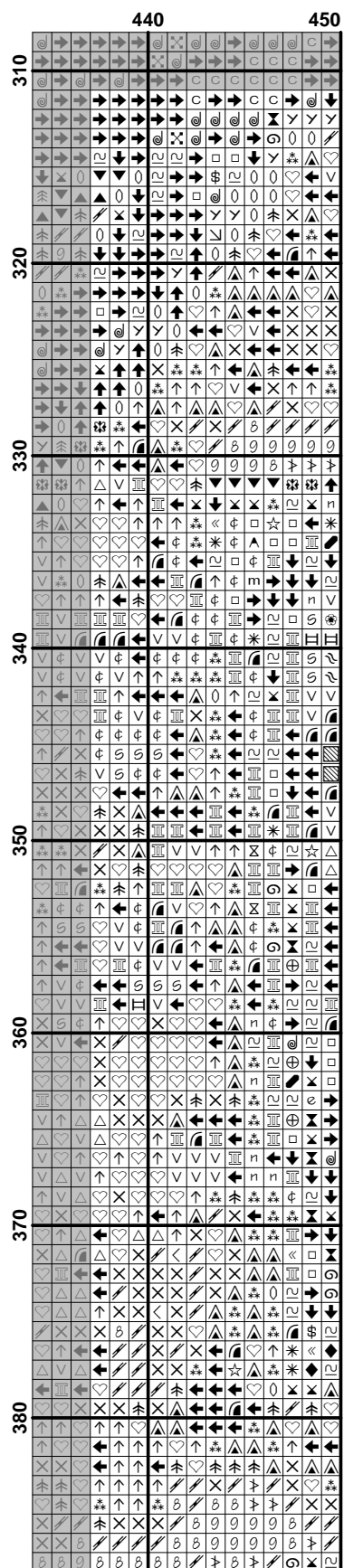
[illegible]



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320						
330						
340						
350						
360						
370						
380						

	190	200	210	220	230	240	250
310	+	+	+	+	+	+	+
320	+	+	+	+	+	+	+
330	+	+	+	+	+	+	+
340	+	+	+	+	+	+	+
350	+	+	+	+	+	+	+
360	+	+	+	+	+	+	+
370	+	+	+	+	+	+	+
380	+	+	+	+	+	+	+

	310	320	330	340	350	360	370
310
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330
340
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360
370
380



	10	20	30	40	50	60
390	+	+	+	+	+	+
391	+	+	+	+	+	+
392	+	+	+	+	+	+
393	+	+	+	+	+	+
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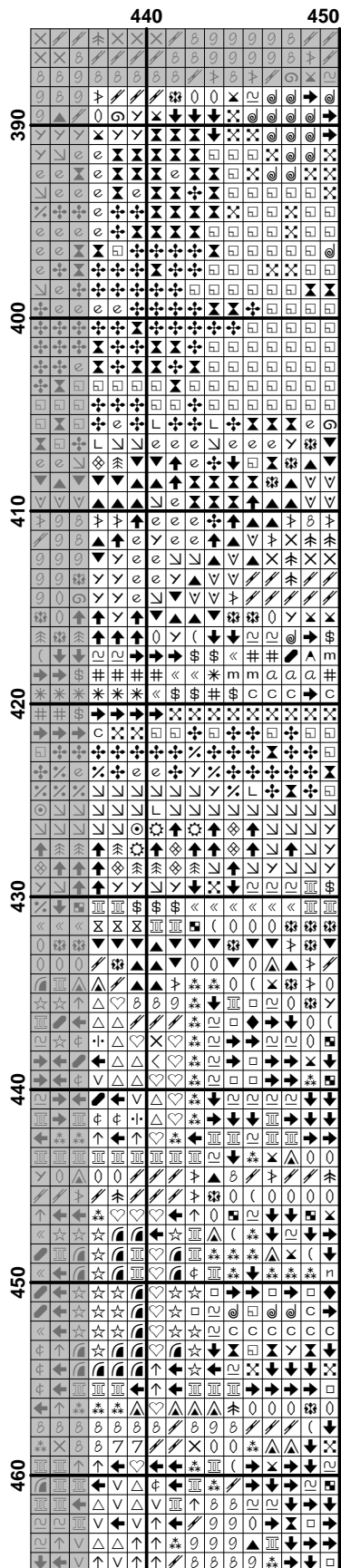
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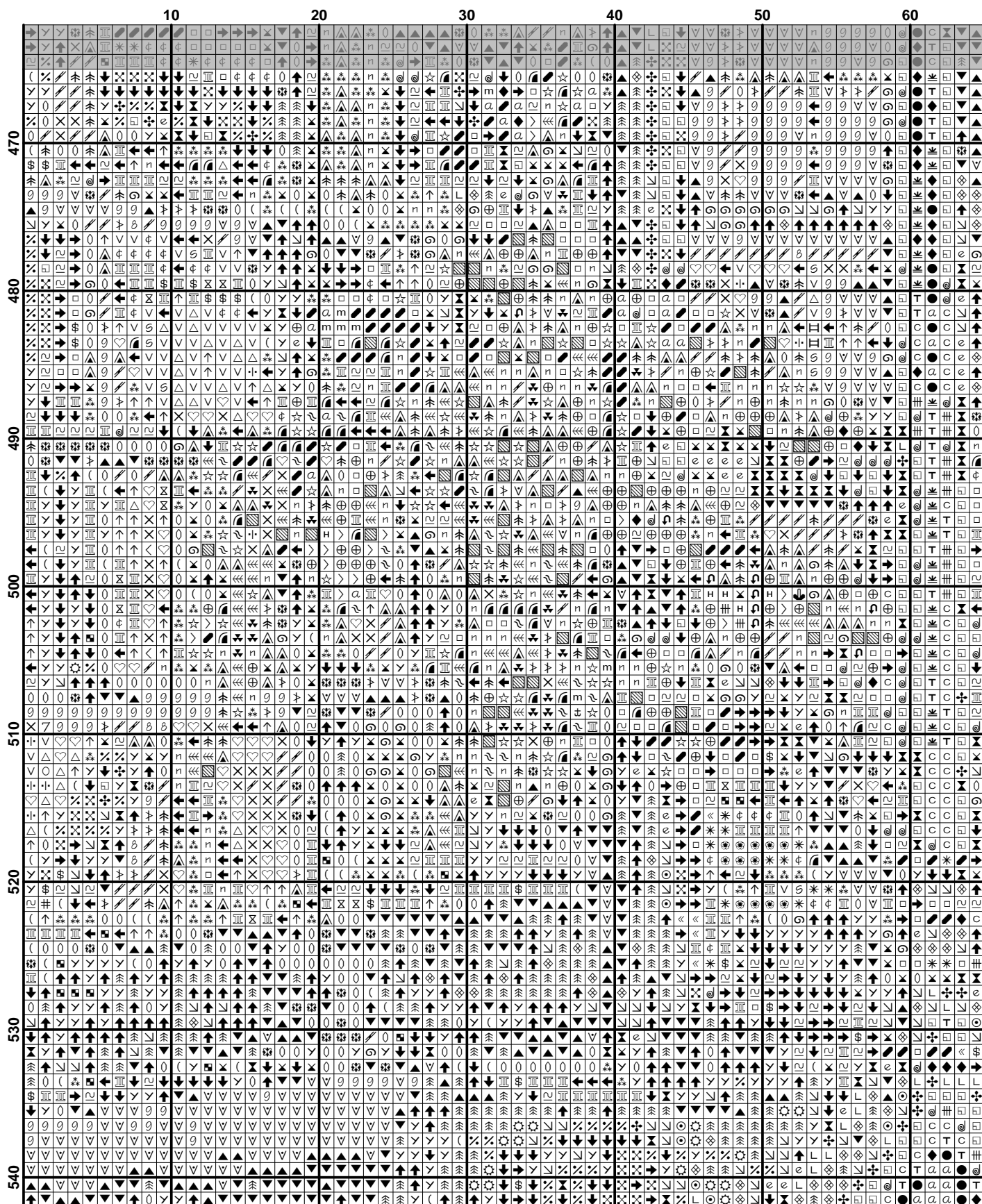
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392	⊙	⊙	⊙	⊙	⊙	⊙
393	⊙	⊙	⊙	⊙	⊙	⊙
394	⊙	⊙	⊙	⊙	⊙	⊙
395	⊙	⊙	⊙	⊙	⊙	⊙
396	⊙	⊙	⊙	⊙	⊙	⊙
397	⊙	⊙	⊙	⊙	⊙	⊙
398	⊙	⊙	⊙	⊙	⊙	⊙
399	⊙	⊙	⊙	⊙	⊙	⊙
400	⊙	⊙	⊙	⊙	⊙	⊙
401	⊙	⊙	⊙	⊙	⊙	⊙
402	⊙	⊙	⊙	⊙	⊙	⊙
403	⊙	⊙	⊙	⊙	⊙	⊙
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405	⊙	⊙	⊙	⊙	⊙	⊙
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407	⊙	⊙	⊙	⊙	⊙	⊙
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409	⊙	⊙	⊙	⊙	⊙	⊙
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413	⊙	⊙	⊙	⊙	⊙	⊙
414	⊙	⊙	⊙	⊙	⊙	⊙
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423	⊙	⊙	⊙	⊙	⊙	⊙
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425	⊙	⊙	⊙	⊙	⊙	⊙
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459	⊙	⊙	⊙	⊙	⊙	⊙
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	190	200	210	220	230	240	250
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	250	260	270	280	290	300	310
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460

	310	320	330	340	350	360	370
390	V	V	V	V	V	V	V
400	V	V	V	V	V	V	V
410	V	V	V	V	V	V	V
420	V	V	V	V	V	V	V
430	V	V	V	V	V	V	V
440	V	V	V	V	V	V	V
450	V	V	V	V	V	V	V
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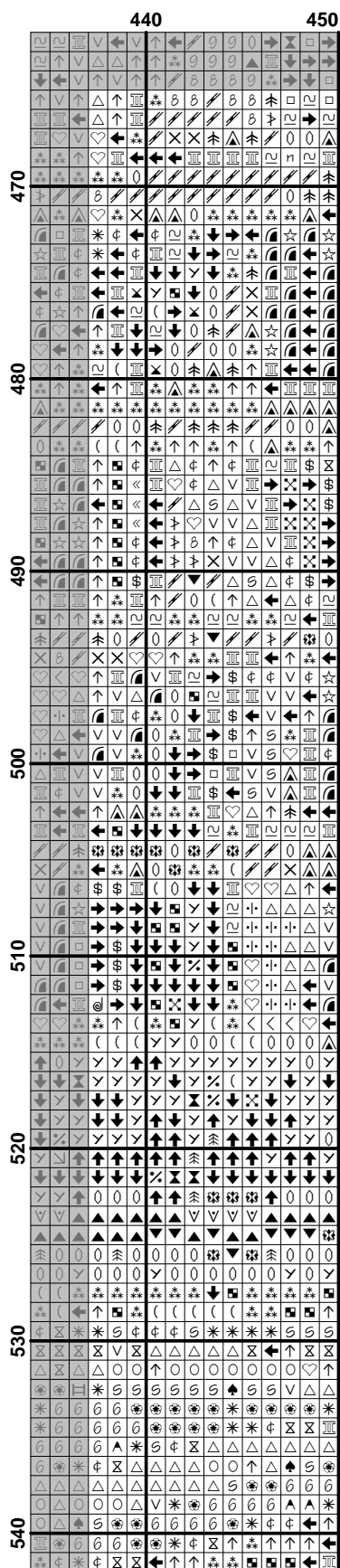
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500
510
520
530
540

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470
480
490
500
510
520
530
540

	310	320	330	340	350	360	370
470	▲	▲	▲	▲	▲	▲	▲
480	▲	▲	▲	▲	▲	▲	▲
490	▲	▲	▲	▲	▲	▲	▲
500	▲	▲	▲	▲	▲	▲	▲
510	▲	▲	▲	▲	▲	▲	▲
520	▲	▲	▲	▲	▲	▲	▲
530	▲	▲	▲	▲	▲	▲	▲
540	▲	▲	▲	▲	▲	▲	▲

	380	390	400	410	420	430
470	T	C	Q	Q	C	C
480	Q	Q	Q	Q	Q	Q
490	Q	Q	Q	Q	Q	Q
500	Q	Q	Q	Q	Q	Q
510	Q	Q	Q	Q	Q	Q
520	Q	Q	Q	Q	Q	Q
530	Q	Q	Q	Q	Q	Q
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[illegible]

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550	Q	Q	Q	Q	Q	Q
560	Q	Q	Q	Q	Q	Q
570	Q	Q	Q	Q	Q	Q
580	Q	Q	Q	Q	Q	Q
590	Q	Q	Q	Q	Q	Q

	130	140	150	160	170	180
540	☆	☆	☆	☆	☆	☆
550	☆	☆	☆	☆	☆	☆
560	☆	☆	☆	☆	☆	☆
570	☆	☆	☆	☆	☆	☆
580	☆	☆	☆	☆	☆	☆
590	☆	☆	☆	☆	☆	☆

	190	200	210	220	230	240	250
540	↑	↑	↑	↑	↑	↑	↑
550	↑	↑	↑	↑	↑	↑	↑
560	↑	↑	↑	↑	↑	↑	↑
570	↑	↑	↑	↑	↑	↑	↑
580	↑	↑	↑	↑	↑	↑	↑
590	↑	↑	↑	↑	↑	↑	↑

[illegible]

[illegible]