

1327 Following the Example of the Gods



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Instructions

Thank you for choosing Golden Kite products!
We hope you will have lots of fun with this cross-stitch pattern!

Fabric

Press the fabric with an iron if needed. A good thing to prevent the fabric from fraying is to machine zigzag the edges.

On large patterns, it is easiest to start from the upper left corner of the design. Make sure you have the proper margins before starting and that the fabric piece is of the correct size. The best way to verify this is to count all stitch positions on the fabric from the upper left corner downwards and to the right to make sure there is enough space for the design.

Some prefer to start in the center of the design instead. To locate the center of the fabric, fold the fabric in half both vertically and horizontally. The center is located where these two folds meet.

Stitches

Each length of DMC tread consists of six strands.

Use two of these strands for all stitches.

Note that some colors may be mixes (or blends) between two different pure colors. In that case take one strand of the two colors each and thread the two strands into the needle at the same time for stitching.

All stitches are full cross-stitches. No half-stitching and no back-stitching is necessary in this pattern.

All cross-stitches will be worked into the holes in the fabric from left to right. Always use the larger holes in the fabric for the stitches. Adjacent stitches should meet in the same hole. Make sure all stitches cross in the same direction.

Please be careful when washing the finished embroidery! The cotton thread may bleed when washed. Only hand wash it in lukewarm water. Remove excess water by roll it in a towel and lay it flat to air dry. Natural fabrics may shrink slightly when washed. We do not recommend washing the embroidery if not absolutely necessary and we take no responsibility for any damage that may occur.

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Following the Example of the Gods

Stitch Count	
Horizontal:	900
Vertical:	554


































Recommended Fabric Color
Antique White

This table tells the size of the pattern (without any margins) and the size of the fabric required to stitch the pattern (including recommended margins). 3 inch margins have been added on each side in the 'Including Margins' row.







The sizes are given for 14, 16 and 18 stitches per inch fabrics.

Make sure to use the 'Including Margins' row when cutting the piece of fabric to be used. Also make sure that 3 inch margins are enough for your stitching technique and add more margin areas if necessary.

	14				16				18			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	164	64.28	101	39.53	143	56.25	88	34.59	128	50	79	30.75
Including Margins:	180	71	117	46	159	63	104	41	144	57	95	37
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	229	89.99	141	55.34	191	74.99	117	46.11	95	37.49	58	23.05
Including Margins:	245	96	157	62	207	81	133	53	111	44	74	30
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	91	35.99	56	22.13	88	34.61	54	21.28	85	33.33	52	20.49
Including Margins:	107	42	72	29	104	41	70	28	101	40	68	27
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	82	32.14	50	19.76	76	29.99	47	18.44	71	28.12	44	17.29
Including Margins:	98	39	66	26	92	36	63	25	87	35	60	24

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
	221	Shell Pink-VY DK
	223	Shell Pink-LT
	224	Shell Pink-VY LT
	349	Coral-DK
	372	Mustard-LT
	413	Pewter Gray-DK
	415	Pearl Gray
	420	Hazelnut Brown-DK
	437	Tan-LT
	445	Lemon-LT
	470	Avocado Green-LT
	471	Avocado Green-VY LT
	472	Avocado Green-UL LT
	520	Fern Green-DK
	522	Fern Green
	523	Fern Green-LT
	524	Fern Green-VY LT
	535	Ash Gray-VY LT
	543	Beige Brown-UL VY LT
	581	Moss Green
	611	Drab Brown
	613	Drab Brown-VY LT
	632	Desert Sand-UL VY DK
	640	Beige Gray-VY DK
	642	Beige Gray-DK
	644	Beige Gray-MD
	645	Beaver Gray-VY DK
	646	Beaver Gray-DK
	647	Beaver Gray-MD
	677	Old Gold-VY LT
	712	Cream
	727	Topaz-VY LT
	738	Tan-VY LT
	739	Tan-UL VY LT
	745	Yellow-LT Pale
	746	Off White
	754	Peach-LT
	762	Pearl Gray-VY LT
	783	Topaz-MD
	833	Golden Olive-LT

	834	Golden Olive-VY LT
	844	Beaver Brown-UL DK
	919	Red Copper
	920	Copper-MD
	926	Gray Green-MD
	927	Gray Green-LT
	928	Gray Green-VY LT
	934	Black Avocado Green
	935	Avocado Green-DK
	938	Coffee Brown-UL DK
	975	Golden Brown-DK
	3012	Khaki Green-MD
	3021	Brown Gray-VY DK
	3022	Brown Gray-MD
	3024	Brown Gray-VY LT
	3032	Mocha Brown-MD
	3051	Green Gray-DK
	3052	Green Gray-MD
	3053	Green Gray
	3078	Golden Yellow-VY LT
	3346	Hunter Green
	3721	Shell Pink-DK
	3753	Antique Blue-UL VY LT
	3756	Baby Blue-UL VY LT
	3770	Tawny-VY LT
	3772	Desert Sand-VY DK
	3774	Desert Sand-VY LT
	3778	Terra Cotta-LT
	3781	Mocha Brown-DK
	3782	Mocha Brown-LT
	3787	Brown Gray-DK
	3790	Beige Gray-UL DK
	3802	Antique Mauve-VY DK
	3814	Aquamarine
	3819	Moss Green-LT
	3828	Hazelnut Brown
	3829	Old Gold-VY DK
	3847	Teal Green-DK
	3848	Teal Green-MD
	3865	Winter White
	Ecru	Ecru

Blend Stitches. Use one strand of each of DMC1 and DMC2 for these stitches.				
Symbol	DMC1	Name1	DMC2	Name2
	3021	Brown Gray-VY DK	3787	Brown Gray-DK
	520	Fern Green-DK	3799	Pewter Gray-VY DK
	762	Pearl Gray-VY LT	3756	Baby Blue-UL VY LT
	3772	Desert Sand-VY DK	3790	Beige Gray-UL DK
	632	Desert Sand-UL VY DK	3790	Beige Gray-UL DK
	445	Lemon-LT	472	Avocado Green-UL LT

⚡	632	Desert Sand-UL VY DK	3772	Desert Sand-VY DK
☾	844	Beaver Brown-UL DK	3799	Pewter Gray-VY DK
⌘	503	Blue Green-MD	926	Gray Green-MD
♢	369	Pistachio Green-VY LT	524	Fern Green-VY LT
+	415	Pearl Gray	3753	Antique Blue-UL VY LT
➡	413	Pewter Gray-DK	3799	Pewter Gray-VY DK
⚡	926	Gray Green-MD	3768	Gray Green-DK
○	3024	Brown Gray-VY LT	3072	Beaver Gray-VY LT
♣	535	Ash Gray-VY LT	645	Beaver Gray-VY DK
::	927	Gray Green-LT	928	Gray Green-VY LT
⬆	640	Beige Gray-VY DK	3790	Beige Gray-UL DK
☾	3781	Mocha Brown-DK	3787	Brown Gray-DK
⬆	640	Beige Gray-VY DK	645	Beaver Gray-VY DK
⬆	420	Hazelnut Brown-DK	3012	Khaki Green-MD
⚡	435	Brown-VY LT	3772	Desert Sand-VY DK
≈	372	Mustard-LT	738	Tan-VY LT
◁	613	Drab Brown-VY LT	3782	Mocha Brown-LT
⚡	300	Mahogany-VY DK	938	Coffee Brown-UL DK
●	831	Golden Olive-MD	975	Golden Brown-DK
⚡	435	Brown-VY LT	3721	Shell Pink-DK
⚡	372	Mustard-LT	3046	Yellow Beige-MD
e	738	Tan-VY LT	3046	Yellow Beige-MD
●	223	Shell Pink-LT	3064	Desert Sand
#	927	Gray Green-LT	647	Beaver Gray-MD
⬆	934	Black Avocado Green	938	Coffee Brown-UL DK
⬆	934	Black Avocado Green	3799	Pewter Gray-VY DK
⚡	645	Beaver Gray-VY DK	926	Gray Green-MD
⚡	3021	Brown Gray-VY DK	3799	Pewter Gray-VY DK
♥	938	Coffee Brown-UL DK	3021	Brown Gray-VY DK
⚡	611	Drab Brown	3347	Yellow Green-MD
^	712	Cream	762	Pearl Gray-VY LT
⚡	646	Beaver Gray-DK	647	Beaver Gray-MD
⬆	520	Fern Green-DK	3021	Brown Gray-VY DK
×	926	Gray Green-MD	927	Gray Green-LT
⚡	640	Beige Gray-VY DK	3772	Desert Sand-VY DK
⚡	640	Beige Gray-VY DK	3032	Mocha Brown-MD
⚡	645	Beaver Gray-VY DK	3346	Hunter Green
«	3756	Baby Blue-UL VY LT	3865	Winter White
♣	926	Gray Green-MD	647	Beaver Gray-MD
›	3032	Mocha Brown-MD	3772	Desert Sand-VY DK
c	415	Pearl Gray	3024	Brown Gray-VY LT
H	3346	Hunter Green	3347	Yellow Green-MD
⚡	372	Mustard-LT	3064	Desert Sand
⬆	3828	Hazelnut Brown	3772	Desert Sand-VY DK
⚡	926	Gray Green-MD	3052	Green Gray-MD
⚡	647	Beaver Gray-MD	928	Gray Green-VY LT
♣	535	Ash Gray-VY LT	924	Gray Green--VY DK
⚡	926	Gray Green-MD	3022	Brown Gray-MD
⚡	642	Beige Gray-DK	3022	Brown Gray-MD
⬆	535	Ash Gray-VY LT	3768	Gray Green-DK
o	3768	Gray Green-DK	645	Beaver Gray-VY DK
›	445	Lemon-LT	369	Pistachio Green-VY LT
—	472	Avocado Green-UL LT	3053	Green Gray
4	472	Avocado Green-UL LT	3046	Yellow Beige-MD
=	369	Pistachio Green-VY LT	613	Drab Brown-VY LT
‡	522	Fern Green	3053	Green Gray
√	734	Olive Green-LT	472	Avocado Green-UL LT
	704	Chartreuse-BRT	734	Olive Green-LT
:	445	Lemon-LT	738	Tan-VY LT

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✓	471	Avocado Green-VY LT	3013	Khaki Green-LT
⚡	644	Beige Gray-MD	369	Pistachio Green-VY LT
5	613	Drab Brown-VY LT	524	Fern Green-VY LT
☐	524	Fern Green-VY LT	644	Beige Gray-MD
≡	407	Desert Sand-DK	642	Beige Gray-DK
••	647	Beaver Gray-MD	372	Mustard-LT
<	613	Drab Brown-VY LT	ecru	Ecru
0	613	Drab Brown-VY LT	754	Peach-LT
⦿	543	Beige Brown-UL VY LT	644	Beige Gray-MD
☒	472	Avocado Green-UL LT	524	Fern Green-VY LT
⓪	926	Gray Green-MD	928	Gray Green-VY LT
☛	924	Gray Green--VY DK	3799	Pewter Gray-VY DK
∇	928	Gray Green-VY LT	503	Blue Green-MD
?	372	Mustard-LT	613	Drab Brown-VY LT
‡	523	Fern Green-LT	524	Fern Green-VY LT
⌘	613	Drab Brown-VY LT	3032	Mocha Brown-MD
Ⅲ	3013	Khaki Green-LT	3032	Mocha Brown-MD
↘	471	Avocado Green-VY LT	3012	Khaki Green-MD
⋄	3012	Khaki Green-MD	3013	Khaki Green-LT
⋄	3053	Green Gray	372	Mustard-LT
✓	407	Desert Sand-DK	3782	Mocha Brown-LT
4	3782	Mocha Brown-LT	3013	Khaki Green-LT
↘	224	Shell Pink-VY LT	3772	Desert Sand-VY DK
↘	224	Shell Pink-VY LT	646	Beaver Gray-DK
↑	3733	Dusty Rose	3782	Mocha Brown-LT
6	543	Beige Brown-UL VY LT	224	Shell Pink-VY LT
z	642	Beige Gray-DK	223	Shell Pink-LT
⦿	640	Beige Gray-VY DK	3346	Hunter Green
⦿	642	Beige Gray-DK	647	Beaver Gray-MD
¼	642	Beige Gray-DK	646	Beaver Gray-DK
•	712	Cream	3024	Brown Gray-VY LT
∩	372	Mustard-LT	611	Drab Brown
▼	300	Mahogany-VY DK	3787	Brown Gray-DK
∇	613	Drab Brown-VY LT	445	Lemon-LT
☆	3782	Mocha Brown-LT	738	Tan-VY LT
•	738	Tan-VY LT	407	Desert Sand-DK
⊕	926	Gray Green-MD	3849	Teal Green-LT
◆	520	Fern Green-DK	934	Black Avocado Green
●	844	Beaver Brown-UL DK	520	Fern Green-DK
Ⓢ	934	Black Avocado Green	3021	Brown Gray-VY DK
=	535	Ash Gray-VY LT	3346	Hunter Green
■	844	Beaver Brown-UL DK	3346	Hunter Green
••	632	Desert Sand-UL VY DK	640	Beige Gray-VY DK
✦	3346	Hunter Green	831	Golden Olive-MD
☺	3051	Green Gray-DK	469	Avocado Green
☾	3847	Teal Green-DK	3848	Teal Green-MD
⦿	924	Gray Green--VY DK	3847	Teal Green-DK
↓	535	Ash Gray-VY LT	3021	Brown Gray-VY DK
5	729	Old Gold-MD	3819	Moss Green-LT
♣	3051	Green Gray-DK	3781	Mocha Brown-DK
☐	632	Desert Sand-UL VY DK	3051	Green Gray-DK
↘	221	Shell Pink-VY DK	919	Red Copper
*	3768	Gray Green-DK	3346	Hunter Green
+	924	Gray Green--VY DK	3346	Hunter Green

This table specifies how much thread of each color is required to stitch this pattern. It is good to know that one complete DMC skein contains 313 inches (795 cm) thread.

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		14		16		18	
221	Shell Pink-VY DK	60	23	57	22	52	20
223	Shell Pink-LT	175	68	167	65	150	59
224	Shell Pink-VY LT	204	80	194	76	175	68
300	Mahogany-VY DK	92	36	88	34	79	31
349	Coral-DK	9	3	9	3	8	3
369	Pistachio Green-VY LT	1102	433	1050	413	945	372
372	Mustard-LT	2548	1003	2426	955	2184	859
407	Desert Sand-DK	185	72	176	69	159	62
413	Pewter Gray-DK	915	360	872	343	785	309
415	Pearl Gray	793	312	755	297	679	267
420	Hazelnut Brown-DK	116	45	111	43	99	38
435	Brown-VY LT	59	23	56	22	51	20
437	Tan-LT	46	18	44	17	39	15
445	Lemon-LT	453	178	432	170	389	153
469	Avocado Green	105	41	100	39	90	35
470	Avocado Green-LT	128	50	122	48	109	42
471	Avocado Green-VY LT	433	170	412	162	371	146
472	Avocado Green-UL LT	804	316	766	301	689	271
503	Blue Green-MD	315	124	300	118	270	106
520	Fern Green-DK	2877	1132	2740	1078	2466	970
522	Fern Green	1151	453	1096	431	986	388
523	Fern Green-LT	1387	546	1321	520	1189	468
524	Fern Green-VY LT	3450	1358	3286	1293	2957	1164
535	Ash Gray-VY LT	5388	2121	5132	2020	4618	1818
543	Beige Brown-UL VY LT	1540	606	1466	577	1320	519
581	Moss Green	16	6	16	6	14	5
611	Drab Brown	1043	410	994	391	894	351
613	Drab Brown-VY LT	4705	1852	4481	1764	4033	1587
632	Desert Sand-UL VY DK	489	192	466	183	419	164
640	Beige Gray-VY DK	7502	2953	7145	2812	6431	2531
642	Beige Gray-DK	2455	966	2338	920	2104	828
644	Beige Gray-MD	2375	935	2262	890	2036	801
645	Beaver Gray-VY DK	9864	3883	9394	3698	8455	3328
646	Beaver Gray-DK	5116	2014	4873	1918	4385	1726
647	Beaver Gray-MD	6263	2465	5964	2348	5368	2113
677	Old Gold-VY LT	141	55	135	53	121	47
704	Chartreuse-BRT	34	13	33	12	29	11
712	Cream	2340	921	2229	877	2006	789
727	Topaz-VY LT	9	3	8	3	7	2
729	Old Gold-MD	24	9	23	9	20	7
734	Olive Green-LT	72	28	69	27	62	24
738	Tan-VY LT	698	274	665	261	599	235
739	Tan-UL VY LT	421	165	401	157	360	141
745	Yellow-LT Pale	17	6	16	6	14	5
746	Off White	134	52	127	50	114	44
754	Peach-LT	114	44	109	42	98	38
762	Pearl Gray-VY LT	2199	865	2095	824	1885	742
783	Topaz-MD	10	3	9	3	8	3
831	Golden Olive-MD	142	55	136	53	122	48
833	Golden Olive-LT	64	25	61	24	55	21
834	Golden Olive-VY LT	44	17	42	16	38	14
844	Beaver Brown-UL DK	3002	1181	2859	1125	2573	1012
919	Red Copper	73	28	70	27	63	24

920	Copper-MD	30	11	28	11	25	9
924	Gray Green--VY DK	1323	520	1260	496	1134	446
926	Gray Green-MD	8627	3396	8216	3234	7395	2911
927	Gray Green-LT	1393	548	1327	522	1194	470
928	Gray Green-VY LT	2281	898	2172	855	1955	769
934	Black Avocado Green	5765	2269	5490	2161	4941	1945
935	Avocado Green-DK	185	72	177	69	159	62
938	Coffee Brown-UL DK	1399	550	1332	524	1199	472
975	Golden Brown-DK	71	27	68	26	61	24
3012	Khaki Green-MD	747	294	712	280	640	251
3013	Khaki Green-LT	1047	412	997	392	897	353
3021	Brown Gray-VY DK	5985	2356	5700	2244	5130	2019
3022	Brown Gray-MD	3618	1424	3446	1356	3101	1220
3024	Brown Gray-VY LT	2900	1141	2762	1087	2486	978
3032	Mocha Brown-MD	3315	1305	3157	1242	2841	1118
3046	Yellow Beige-MD	283	111	269	105	242	95
3051	Green Gray-DK	820	322	781	307	703	276
3052	Green Gray-MD	2954	1162	2813	1107	2532	996
3053	Green Gray	1307	514	1245	490	1120	440
3064	Desert Sand	156	61	149	58	134	52
3072	Beaver Gray-VY LT	616	242	586	230	528	207
3078	Golden Yellow-VY LT	35	13	34	13	30	11
3346	Hunter Green	2076	817	1977	778	1780	700
3347	Yellow Green-MD	198	77	188	74	169	66
3721	Shell Pink-DK	21	8	20	7	18	7
3733	Dusty Rose	48	18	46	18	41	16
3753	Antique Blue-UL VY LT	1027	404	979	385	881	346
3756	Baby Blue-UL VY LT	481	189	458	180	412	162
3768	Gray Green-DK	2505	986	2385	938	2147	845
3770	Tawny-VY LT	37	14	35	13	31	12
3772	Desert Sand-VY DK	1081	425	1029	405	926	364
3774	Desert Sand-VY LT	85	33	81	31	73	28
3778	Terra Cotta-LT	12	4	11	4	10	3
3781	Mocha Brown-DK	727	286	692	272	623	245
3782	Mocha Brown-LT	1340	527	1276	502	1148	451
3787	Brown Gray-DK	3020	1188	2876	1132	2589	1019
3790	Beige Gray-UL DK	2158	849	2056	809	1850	728
3799	Pewter Gray-VY DK	5196	2045	4948	1948	4453	1753
3802	Antique Mauve-VY DK	47	18	45	17	40	15
3814	Aquamarine	9	3	8	3	7	2
3819	Moss Green-LT	47	18	45	17	41	16
3828	Hazelnut Brown	223	87	212	83	191	75
3829	Old Gold-VY DK	37	14	35	13	31	12
3847	Teal Green-DK	62	24	59	23	53	20
3848	Teal Green-MD	35	13	33	12	30	11
3849	Teal Green-LT	7	2	7	2	6	2
3865	Winter White	256	100	244	96	219	86
ecru	Ecru	1370	539	1305	513	1175	462

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
221	Shell Pink-VY DK	94	36	78	30	39	15
223	Shell Pink-LT	270	106	225	89	113	44
224	Shell Pink-VY LT	315	122	263	102	131	51
300	Mahogany-VY DK	142	56	119	47	59	23

349	Coral-DK	14	5	12	5	6	2
369	Pistachio Green-VY LT	1701	670	1418	558	709	279
372	Mustard-LT	3931	1546	3276	1289	1638	644
407	Desert Sand-DK	286	112	239	93	119	47
413	Pewter Gray-DK	1413	556	1178	464	589	232
415	Pearl Gray	1222	481	1019	401	509	200
420	Hazelnut Brown-DK	178	68	149	57	74	29
435	Brown-VY LT	92	36	77	30	38	15
437	Tan-LT	70	27	59	23	29	11
445	Lemon-LT	700	275	584	230	292	115
469	Avocado Green	162	63	135	53	68	26
470	Avocado Green-LT	196	76	164	63	82	32
471	Avocado Green-VY LT	668	263	557	219	278	110
472	Avocado Green-UL LT	1240	488	1034	407	517	203
503	Blue Green-MD	486	191	405	159	203	80
520	Fern Green-DK	4439	1746	3699	1455	1850	728
522	Fern Green	1775	698	1479	582	740	291
523	Fern Green-LT	2140	842	1784	702	892	351
524	Fern Green-VY LT	5323	2095	4436	1746	2218	873
535	Ash Gray-VY LT	8312	3272	6927	2727	3464	1364
543	Beige Brown-UL VY LT	2376	934	1980	779	990	389
581	Moss Green	25	9	21	8	11	4
611	Drab Brown	1609	632	1341	527	671	263
613	Drab Brown-VY LT	7259	2857	6050	2381	3025	1190
632	Desert Sand-UL VY DK	754	295	629	246	314	123
640	Beige Gray-VY DK	11576	4556	9647	3797	4823	1898
642	Beige Gray-DK	3787	1490	3156	1242	1578	621
644	Beige Gray-MD	3665	1442	3054	1202	1527	601
645	Beaver Gray-VY DK	15219	5990	12683	4992	6341	2496
646	Beaver Gray-DK	7893	3107	6578	2589	3289	1295
647	Beaver Gray-MD	9662	3803	8052	3170	4026	1585
677	Old Gold-VY LT	218	85	182	71	91	35
704	Chartreuse-BRT	52	20	44	17	22	8
712	Cream	3611	1420	3009	1184	1505	592
727	Topaz-VY LT	13	4	11	3	5	2
729	Old Gold-MD	36	13	30	11	15	5
734	Olive Green-LT	112	43	93	36	47	18
738	Tan-VY LT	1078	423	899	353	449	176
739	Tan-UL VY LT	648	254	540	212	270	106
745	Yellow-LT Pale	25	9	21	8	11	4
746	Off White	205	79	171	66	86	33
754	Peach-LT	176	68	147	57	74	29
762	Pearl Gray-VY LT	3393	1336	2828	1113	1414	557
783	Topaz-MD	14	5	12	5	6	2
831	Golden Olive-MD	220	86	183	72	92	36
833	Golden Olive-LT	99	38	83	32	41	16
834	Golden Olive-VY LT	68	25	57	21	29	11
844	Beaver Brown-UL DK	4631	1822	3860	1518	1930	759
919	Red Copper	113	43	95	36	47	18
920	Copper-MD	45	16	38	14	19	7
924	Gray Green--VY DK	2041	803	1701	669	851	335
926	Gray Green-MD	13311	5240	11093	4367	5546	2183
927	Gray Green-LT	2149	846	1791	705	896	353
928	Gray Green-VY LT	3519	1384	2933	1154	1466	577
934	Black Avocado Green	8894	3501	7412	2918	3706	1459
935	Avocado Green-DK	286	112	239	93	119	47
938	Coffee Brown-UL DK	2158	850	1799	708	899	354
975	Golden Brown-DK	110	43	92	36	46	18
3012	Khaki Green-MD	1152	452	960	377	480	188

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3013	Khaki Green-LT	1615	635	1346	530	673	265
3021	Brown Gray-VY DK	9234	3634	7695	3029	3848	1514
3022	Brown Gray-MD	5582	2196	4652	1830	2326	915
3024	Brown Gray-VY LT	4475	1760	3729	1467	1865	734
3032	Mocha Brown-MD	5114	2012	4262	1677	2131	839
3046	Yellow Beige-MD	436	171	363	143	182	71
3051	Green Gray-DK	1265	497	1055	414	527	207
3052	Green Gray-MD	4558	1793	3798	1494	1899	747
3053	Green Gray	2016	792	1680	660	840	330
3064	Desert Sand	241	94	201	78	101	39
3072	Beaver Gray-VY LT	950	373	792	311	396	155
3078	Golden Yellow-VY LT	54	20	45	17	23	8
3346	Hunter Green	3204	1260	2670	1050	1335	525
3347	Yellow Green-MD	304	119	254	99	127	50
3721	Shell Pink-DK	32	13	27	11	14	5
3733	Dusty Rose	74	29	62	24	31	12
3753	Antique Blue-UL VY LT	1586	623	1322	519	661	260
3756	Baby Blue-UL VY LT	742	292	618	243	309	122
3768	Gray Green-DK	3865	1521	3221	1268	1610	634
3770	Tawny-VY LT	56	22	47	18	23	9
3772	Desert Sand-VY DK	1667	655	1389	546	695	273
3774	Desert Sand-VY LT	131	50	110	42	55	21
3778	Terra Cotta-LT	18	5	15	5	8	2
3781	Mocha Brown-DK	1121	441	935	368	467	184
3782	Mocha Brown-LT	2066	812	1722	677	861	338
3787	Brown Gray-DK	4660	1834	3884	1529	1942	764
3790	Beige Gray-UL DK	3330	1310	2775	1092	1388	546
3799	Pewter Gray-VY DK	8015	3155	6680	2630	3340	1315
3802	Antique Mauve-VY DK	72	27	60	23	30	11
3814	Aquamarine	13	4	11	3	5	2
3819	Moss Green-LT	74	29	62	24	31	12
3828	Hazelnut Brown	344	135	287	113	143	56
3829	Old Gold-VY DK	56	22	47	18	23	9
3847	Teal Green-DK	95	36	80	30	40	15
3848	Teal Green-MD	54	20	45	17	23	8
3849	Teal Green-LT	11	4	9	3	5	2
3865	Winter White	394	155	329	129	164	65
ecru	Ecru	2115	832	1763	693	881	347

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
221	Shell Pink-VY DK	37	14	36	14	35	13
223	Shell Pink-LT	108	42	104	41	100	39
224	Shell Pink-VY LT	126	49	121	47	117	45
300	Mahogany-VY DK	57	22	55	21	53	21
349	Coral-DK	6	2	6	2	5	2
369	Pistachio Green-VY LT	680	268	654	258	630	248
372	Mustard-LT	1572	618	1512	595	1456	573
407	Desert Sand-DK	114	45	110	43	106	41
413	Pewter Gray-DK	565	222	543	214	523	206
415	Pearl Gray	489	192	470	185	453	178
420	Hazelnut Brown-DK	71	27	69	26	66	25
435	Brown-VY LT	37	14	35	14	34	13
437	Tan-LT	28	11	27	10	26	10
445	Lemon-LT	280	110	269	106	259	102

469	Avocado Green	65	25	62	24	60	23
470	Avocado Green-LT	78	30	75	29	73	28
471	Avocado Green-VY LT	267	105	257	101	247	97
472	Avocado Green-UL LT	496	195	477	188	459	181
503	Blue Green-MD	194	76	187	73	180	71
520	Fern Green-DK	1776	698	1707	672	1644	647
522	Fern Green	710	279	683	269	657	259
523	Fern Green-LT	856	337	823	324	793	312
524	Fern Green-VY LT	2129	838	2047	806	1971	776
535	Ash Gray-VY LT	3325	1309	3197	1259	3079	1212
543	Beige Brown-UL VY LT	950	374	914	359	880	346
581	Moss Green	10	4	10	3	9	3
611	Drab Brown	644	253	619	243	596	234
613	Drab Brown-VY LT	2904	1143	2792	1099	2689	1058
632	Desert Sand-UL VY DK	302	118	290	114	279	109
640	Beige Gray-VY DK	4630	1822	4452	1752	4287	1687
642	Beige Gray-DK	1515	596	1457	573	1403	552
644	Beige Gray-MD	1466	577	1410	555	1357	534
645	Beaver Gray-VY DK	6088	2396	5853	2304	5637	2219
646	Beaver Gray-DK	3157	1243	3036	1195	2923	1151
647	Beaver Gray-MD	3865	1521	3716	1463	3579	1409
677	Old Gold-VY LT	87	34	84	33	81	31
704	Chartreuse-BRT	21	8	20	8	19	7
712	Cream	1444	568	1389	546	1337	526
727	Topaz-VY LT	5	1	5	1	5	1
729	Old Gold-MD	14	5	14	5	13	5
734	Olive Green-LT	45	17	43	17	41	16
738	Tan-VY LT	431	169	415	163	399	157
739	Tan-UL VY LT	259	102	249	98	240	94
745	Yellow-LT Pale	10	4	10	3	9	3
746	Off White	82	32	79	30	76	29
754	Peach-LT	71	27	68	26	65	25
762	Pearl Gray-VY LT	1357	534	1305	514	1257	495
783	Topaz-MD	6	2	6	2	5	2
831	Golden Olive-MD	88	35	84	33	81	32
833	Golden Olive-LT	40	15	38	15	37	14
834	Golden Olive-VY LT	27	10	26	10	25	9
844	Beaver Brown-UL DK	1853	729	1781	701	1715	675
919	Red Copper	45	17	44	17	42	16
920	Copper-MD	18	6	17	6	17	6
924	Gray Green--VY DK	816	321	785	309	756	297
926	Gray Green-MD	5324	2096	5120	2015	4930	1941
927	Gray Green-LT	860	338	827	325	796	313
928	Gray Green-VY LT	1408	554	1353	532	1303	513
934	Black Avocado Green	3558	1400	3421	1347	3294	1297
935	Avocado Green-DK	114	45	110	43	106	41
938	Coffee Brown-UL DK	863	340	830	327	799	315
975	Golden Brown-DK	44	17	42	17	41	16
3012	Khaki Green-MD	461	181	443	174	427	167
3013	Khaki Green-LT	646	254	621	244	598	235
3021	Brown Gray-VY DK	3694	1454	3552	1398	3420	1346
3022	Brown Gray-MD	2233	878	2147	845	2067	813
3024	Brown Gray-VY LT	1790	704	1721	677	1657	652
3032	Mocha Brown-MD	2046	805	1967	774	1894	745
3046	Yellow Beige-MD	174	68	168	66	161	63
3051	Green Gray-DK	506	199	487	191	469	184
3052	Green Gray-MD	1823	717	1753	690	1688	664
3053	Green Gray	806	317	775	305	747	293
3064	Desert Sand	96	37	93	36	89	35

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3072	Beaver Gray-VY LT	380	149	366	143	352	138
3078	Golden Yellow-VY LT	22	8	21	8	20	7
3346	Hunter Green	1282	504	1232	485	1187	467
3347	Yellow Green-MD	122	48	117	46	113	44
3721	Shell Pink-DK	13	5	12	5	12	5
3733	Dusty Rose	30	12	28	11	27	11
3753	Antique Blue-UL VY LT	634	249	610	240	587	231
3756	Baby Blue-UL VY LT	297	117	285	112	275	108
3768	Gray Green-DK	1546	608	1486	585	1431	563
3770	Tawny-VY LT	22	9	21	8	21	8
3772	Desert Sand-VY DK	667	262	641	252	617	243
3774	Desert Sand-VY LT	53	20	51	19	49	19
3778	Terra Cotta-LT	7	2	7	2	7	2
3781	Mocha Brown-DK	449	176	431	170	415	163
3782	Mocha Brown-LT	827	325	795	312	765	301
3787	Brown Gray-DK	1864	734	1792	705	1726	679
3790	Beige Gray-UL DK	1332	524	1281	504	1233	485
3799	Pewter Gray-VY DK	3206	1262	3083	1214	2969	1169
3802	Antique Mauve-VY DK	29	11	28	10	27	10
3814	Aquamarine	5	1	5	1	5	1
3819	Moss Green-LT	30	12	28	11	27	11
3828	Hazelnut Brown	138	54	132	52	127	50
3829	Old Gold-VY DK	22	9	21	8	21	8
3847	Teal Green-DK	38	14	37	14	35	13
3848	Teal Green-MD	22	8	21	8	20	7
3849	Teal Green-LT	4	1	4	1	4	1
3865	Winter White	158	62	152	60	146	57
ecru	Ecru	846	333	813	320	783	308

Extended thread usage table.

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
221	Shell Pink-VY DK	33	13	31	12	29	11
223	Shell Pink-LT	96	38	90	35	84	33
224	Shell Pink-VY LT	113	44	105	41	98	38
300	Mahogany-VY DK	51	20	47	19	44	17
349	Coral-DK	5	2	5	2	5	2
369	Pistachio Green-VY LT	608	239	567	223	532	209
372	Mustard-LT	1404	552	1310	515	1229	483
407	Desert Sand-DK	102	40	95	37	89	35
413	Pewter Gray-DK	505	199	471	185	442	174
415	Pearl Gray	437	172	407	160	382	150
420	Hazelnut Brown-DK	64	24	59	23	56	21
435	Brown-VY LT	33	13	31	12	29	11
437	Tan-LT	25	10	23	9	22	8
445	Lemon-LT	250	98	233	92	219	86
469	Avocado Green	58	23	54	21	51	20
470	Avocado Green-LT	70	27	65	25	61	24
471	Avocado Green-VY LT	239	94	223	88	209	82
472	Avocado Green-UL LT	443	174	413	163	388	152
503	Blue Green-MD	174	68	162	64	152	60
520	Fern Green-DK	1585	624	1480	582	1387	546
522	Fern Green	634	249	592	233	555	218
523	Fern Green-LT	764	301	713	281	669	263
524	Fern Green-VY LT	1901	748	1774	698	1663	655
535	Ash Gray-VY LT	2969	1169	2771	1091	2598	1023

543	Beige Brown-UL VY LT	849	334	792	311	743	292
581	Moss Green	9	3	8	3	8	3
611	Drab Brown	575	226	536	211	503	197
613	Drab Brown-VY LT	2593	1020	2420	952	2269	893
632	Desert Sand-UL VY DK	269	105	251	98	236	92
640	Beige Gray-VY DK	4134	1627	3859	1519	3617	1424
642	Beige Gray-DK	1353	532	1262	497	1184	466
644	Beige Gray-MD	1309	515	1222	481	1145	451
645	Beaver Gray-VY DK	5435	2139	5073	1997	4756	1872
646	Beaver Gray-DK	2819	1110	2631	1036	2467	971
647	Beaver Gray-MD	3451	1358	3221	1268	3020	1189
677	Old Gold-VY LT	78	30	73	28	68	26
704	Chartreuse-BRT	19	7	17	7	16	6
712	Cream	1290	507	1204	473	1128	444
727	Topaz-VY LT	5	1	4	1	4	1
729	Old Gold-MD	13	5	12	4	11	4
734	Olive Green-LT	40	15	37	14	35	14
738	Tan-VY LT	385	151	359	141	337	132
739	Tan-UL VY LT	231	91	216	85	203	79
745	Yellow-LT Pale	9	3	8	3	8	3
746	Off White	73	28	68	26	64	25
754	Peach-LT	63	24	59	23	55	21
762	Pearl Gray-VY LT	1212	477	1131	445	1060	417
783	Topaz-MD	5	2	5	2	5	2
831	Golden Olive-MD	78	31	73	29	69	27
833	Golden Olive-LT	35	14	33	13	31	12
834	Golden Olive-VY LT	24	9	23	8	21	8
844	Beaver Brown-UL DK	1654	651	1544	607	1447	569
919	Red Copper	41	15	38	14	35	14
920	Copper-MD	16	6	15	5	14	5
924	Gray Green--VY DK	729	287	680	268	638	251
926	Gray Green-MD	4754	1871	4437	1747	4160	1637
927	Gray Green-LT	768	302	716	282	672	264
928	Gray Green-VY LT	1257	494	1173	461	1100	433
934	Black Avocado Green	3176	1250	2965	1167	2779	1094
935	Avocado Green-DK	102	40	95	37	89	35
938	Coffee Brown-UL DK	771	303	719	283	674	266
975	Golden Brown-DK	39	15	37	14	34	14
3012	Khaki Green-MD	411	161	384	151	360	141
3013	Khaki Green-LT	577	227	538	212	505	199
3021	Brown Gray-VY DK	3298	1298	3078	1211	2886	1136
3022	Brown Gray-MD	1994	784	1861	732	1744	686
3024	Brown Gray-VY LT	1598	629	1492	587	1398	550
3032	Mocha Brown-MD	1826	719	1705	671	1598	629
3046	Yellow Beige-MD	156	61	145	57	136	53
3051	Green Gray-DK	452	177	422	166	395	155
3052	Green Gray-MD	1628	640	1519	598	1424	560
3053	Green Gray	720	283	672	264	630	248
3064	Desert Sand	86	33	80	31	75	29
3072	Beaver Gray-VY LT	339	133	317	124	297	116
3078	Golden Yellow-VY LT	19	7	18	7	17	6
3346	Hunter Green	1144	450	1068	420	1001	394
3347	Yellow Green-MD	109	42	101	40	95	37
3721	Shell Pink-DK	12	5	11	4	10	4
3733	Dusty Rose	26	10	25	10	23	9
3753	Antique Blue-UL VY LT	566	222	529	208	496	195
3756	Baby Blue-UL VY LT	265	104	247	97	232	91
3768	Gray Green-DK	1380	543	1288	507	1208	475
3770	Tawny-VY LT	20	8	19	7	17	7

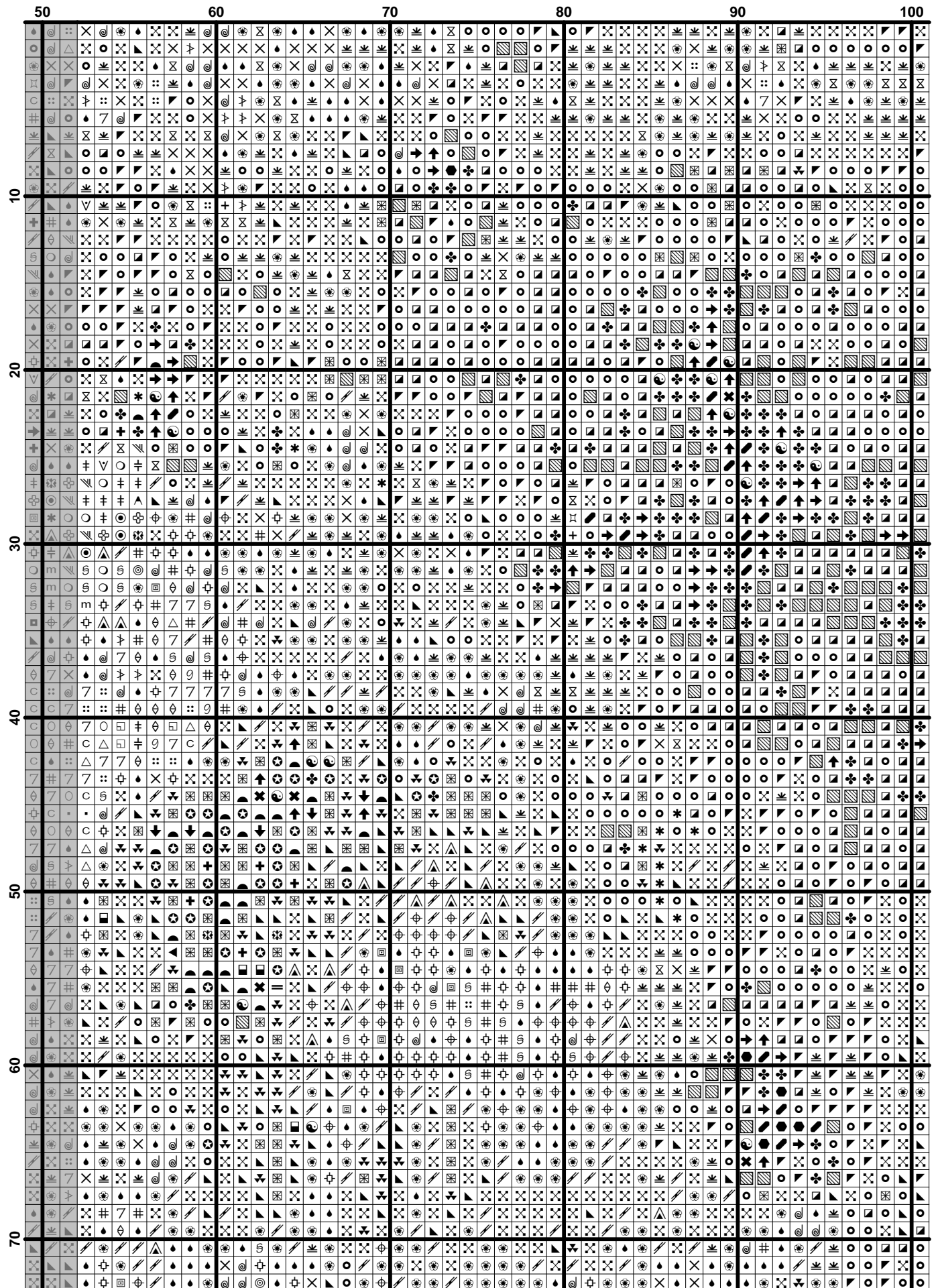
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3772	Desert Sand-VY DK	595	234	556	218	521	205
3774	Desert Sand-VY LT	47	18	44	17	41	16
3778	Terra Cotta-LT	6	2	6	2	6	2
3781	Mocha Brown-DK	401	158	374	147	350	138
3782	Mocha Brown-LT	738	290	689	271	646	254
3787	Brown Gray-DK	1664	655	1553	611	1456	573
3790	Beige Gray-UL DK	1189	468	1110	437	1041	410
3799	Pewter Gray-VY DK	2863	1127	2672	1052	2505	986
3802	Antique Mauve-VY DK	26	10	24	9	23	8
3814	Aquamarine	5	1	4	1	4	1
3819	Moss Green-LT	26	10	25	10	23	9
3828	Hazelnut Brown	123	48	115	45	107	42
3829	Old Gold-VY DK	20	8	19	7	17	7
3847	Teal Green-DK	34	13	32	12	30	11
3848	Teal Green-MD	19	7	18	7	17	6
3849	Teal Green-LT	4	1	4	1	3	1
3865	Winter White	141	55	131	52	123	48
ecru	Ecru	755	297	705	277	661	260

[illegible]



	100	110	120	130	140	150
10						
20						
30						
40						
50						
60						
70						

$$(23) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (24)$$

$$(24) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (25)$$

	250	260	270	280	290
10
20
30
40
50
60
70

$$(26) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (27)$$

	350	360	370	380	390
10
20
30
40
50
60
70

[illegible]

$$(29) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (30)$$

$$(30) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds + \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$

[illegible]

$$(32) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (33)$$

	640	650	660	670	680
10
20
30
40
50
60
70

[illegible]

$$(35) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (36)$$

[illegible]

[illegible]

(38)

$$(39) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (40)$$

	50	60	70	80	90	100
70						
80						
90						
100						
110						
120						
130						
140						

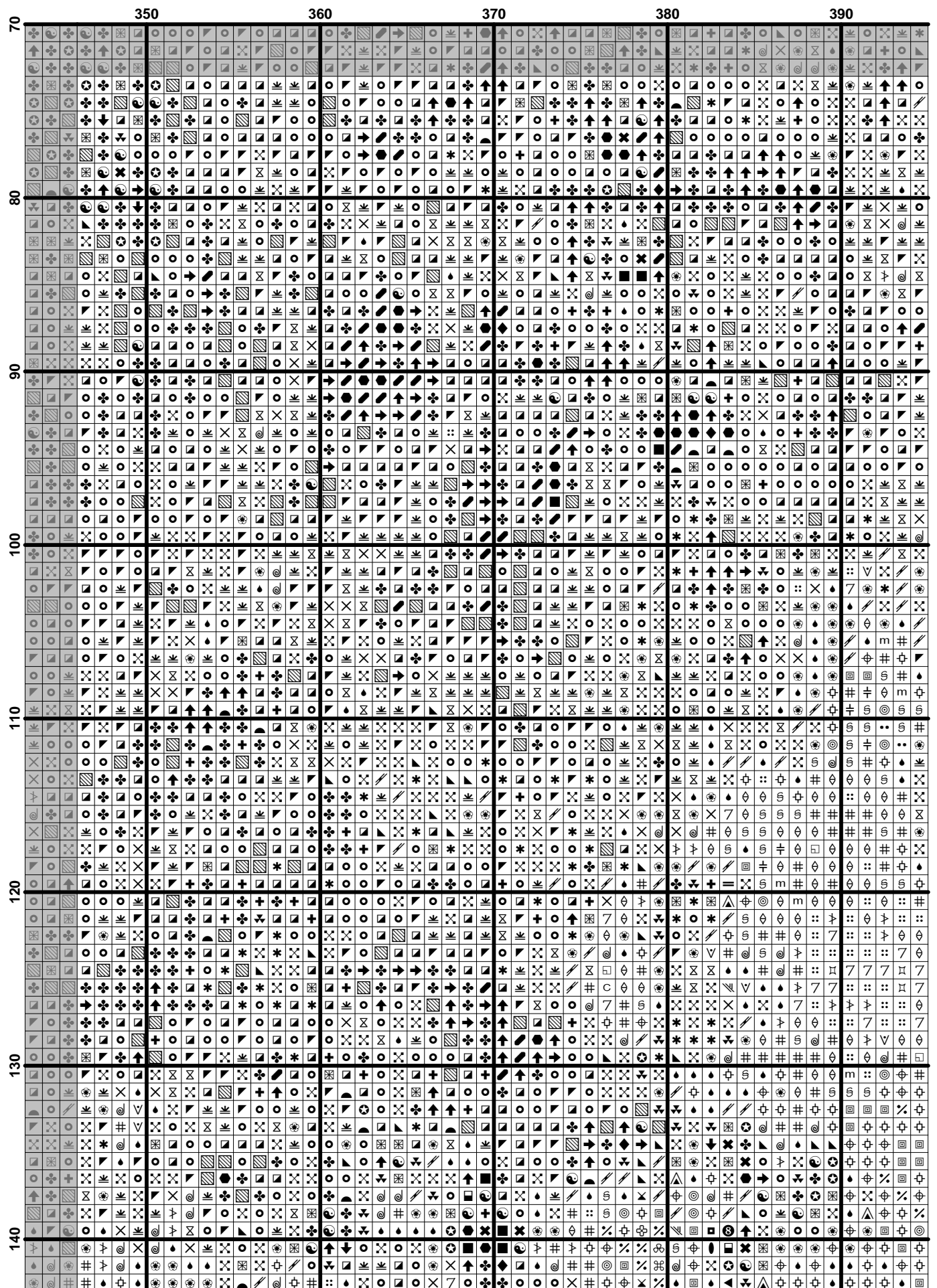
	100	110	120	130	140	150
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80						
90						
100						
110						
120						
130						
140						
150						

	150	160	170	180	190
70					
80					
90					
100					
110					
120					
130					
140					

[illegible]

$$(44) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds + \frac{1}{\Gamma(\alpha)} \int_t^\infty (t-s)^{\alpha-1} f(s) ds$$

	300	310	320	330	340
70					
80					
90					
100					
110					
120					
130					
140					



	400	410	420	430	440
70					
80					
90					
100					
110					
120					
130					
140					

	450	460	470	480	490
70
80
90
100
110
120
130
140

	490	500	510	520	530	540
70	⊗	⊗	⊗	⊗	⊗	⊗
80	⊗	⊗	⊗	⊗	⊗	⊗
90	⊗	⊗	⊗	⊗	⊗	⊗
100	⊗	⊗	⊗	⊗	⊗	⊗
110	⊗	⊗	⊗	⊗	⊗	⊗
120	⊗	⊗	⊗	⊗	⊗	⊗
130	⊗	⊗	⊗	⊗	⊗	⊗
140	⊗	⊗	⊗	⊗	⊗	⊗

$$(50) \quad \dots \quad (51)$$

$$(51) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$

	640	650	660	670	680
70	↓	↓	↓	↓	↓
71	↓	↓	↓	↓	↓
72	↓	↓	↓	↓	↓
73	↓	↓	↓	↓	↓
74	↓	↓	↓	↓	↓
75	↓	↓	↓	↓	↓
76	↓	↓	↓	↓	↓
77	↓	↓	↓	↓	↓
78	↓	↓	↓	↓	↓
79	↓	↓	↓	↓	↓
80	↓	↓	↓	↓	↓
81	↓	↓	↓	↓	↓
82	↓	↓	↓	↓	↓
83	↓	↓	↓	↓	↓
84	↓	↓	↓	↓	↓
85	↓	↓	↓	↓	↓
86	↓	↓	↓	↓	↓
87	↓	↓	↓	↓	↓
88	↓	↓	↓	↓	↓
89	↓	↓	↓	↓	↓
90	↓	↓	↓	↓	↓
91	↓	↓	↓	↓	↓
92	↓	↓	↓	↓	↓
93	↓	↓	↓	↓	↓
94	↓	↓	↓	↓	↓
95	↓	↓	↓	↓	↓
96	↓	↓	↓	↓	↓
97	↓	↓	↓	↓	↓
98	↓	↓	↓	↓	↓
99	↓	↓	↓	↓	↓
100	↓	↓	↓	↓	↓
101	↓	↓	↓	↓	↓
102	↓	↓	↓	↓	↓
103	↓	↓	↓	↓	↓
104	↓	↓	↓	↓	↓
105	↓	↓	↓	↓	↓
106	↓	↓	↓	↓	↓
107	↓	↓	↓	↓	↓
108	↓	↓	↓	↓	↓
109	↓	↓	↓	↓	↓
110	↓	↓	↓	↓	↓
111	↓	↓	↓	↓	↓
112	↓	↓	↓	↓	↓
113	↓	↓	↓	↓	↓
114	↓	↓	↓	↓	↓
115	↓	↓	↓	↓	↓
116	↓	↓	↓	↓	↓
117	↓	↓	↓	↓	↓
118	↓	↓	↓	↓	↓
119	↓	↓	↓	↓	↓
120	↓	↓	↓	↓	↓
121	↓	↓	↓	↓	↓
122	↓	↓	↓	↓	↓
123	↓	↓	↓	↓	↓
124	↓	↓	↓	↓	↓
125	↓	↓	↓	↓	↓
126	↓	↓	↓	↓	↓
127	↓	↓	↓	↓	↓
128	↓	↓	↓	↓	↓
129	↓	↓	↓	↓	↓
130	↓	↓	↓	↓	↓
131	↓	↓	↓	↓	↓
132	↓	↓	↓	↓	↓
133	↓	↓	↓	↓	↓
134	↓	↓	↓	↓	↓
135	↓	↓	↓	↓	↓
136	↓	↓	↓	↓	↓
137	↓	↓	↓	↓	↓
138	↓	↓	↓	↓	↓
139	↓	↓	↓	↓	↓
140	↓	↓	↓	↓	↓

[illegible]

[illegible]

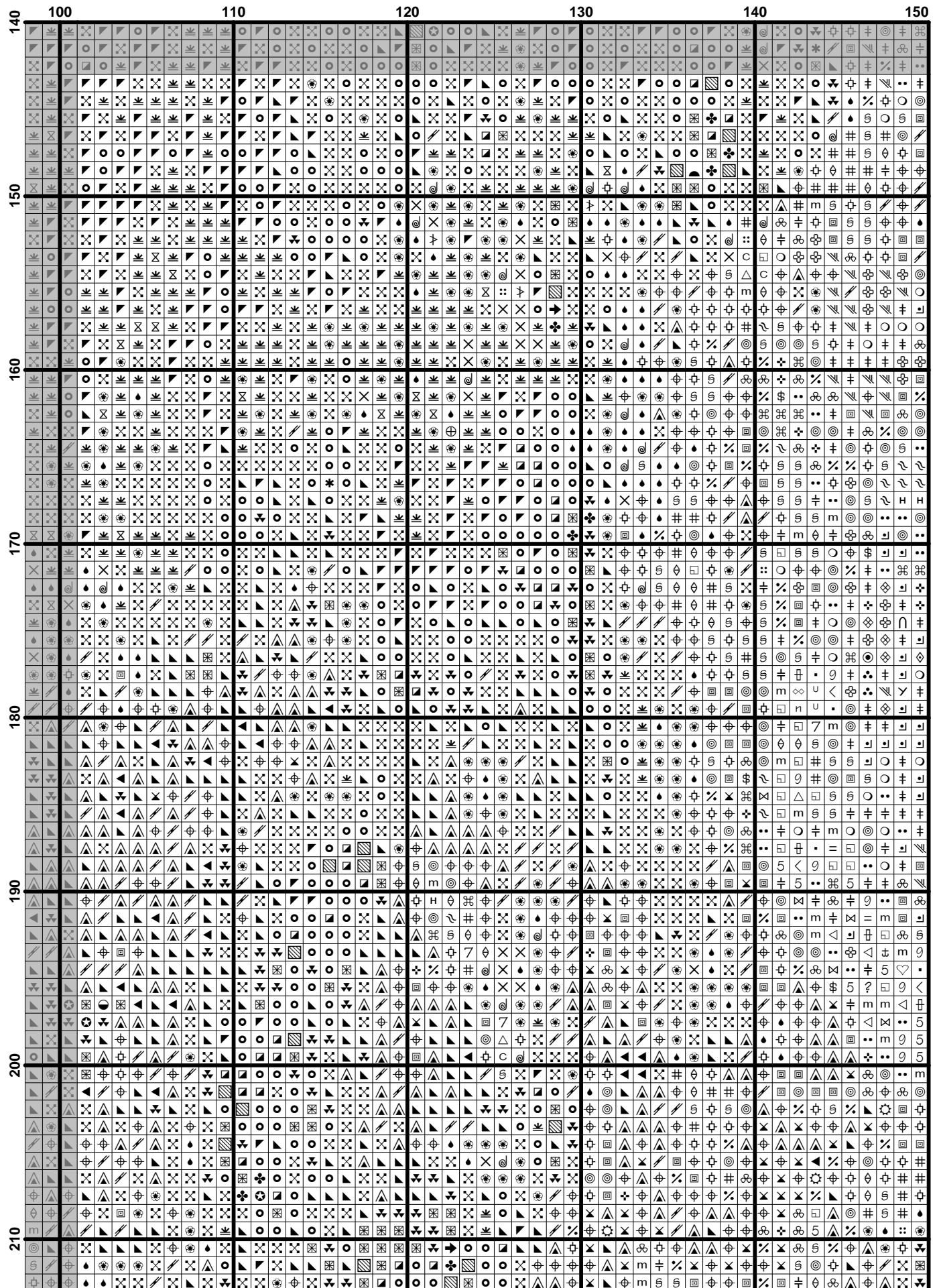
	790	800	810	820	830
70					
80					
90					
100					
110					
120					
130					
140					

[illegible]

(57)

	10										20										30										40										50									
140	[Grid]										[Grid]										[Grid]										[Grid]										[Grid]									
150	[Grid]										[Grid]										[Grid]										[Grid]										[Grid]									
160	[Grid]										[Grid]										[Grid]										[Grid]										[Grid]									
170	[Grid]										[Grid]										[Grid]										[Grid]										[Grid]									
180	[Grid]										[Grid]										[Grid]										[Grid]										[Grid]									
190	[Grid]										[Grid]										[Grid]										[Grid]										[Grid]									
200	[Grid]										[Grid]										[Grid]										[Grid]										[Grid]									
210	[Grid]										[Grid]										[Grid]										[Grid]										[Grid]									

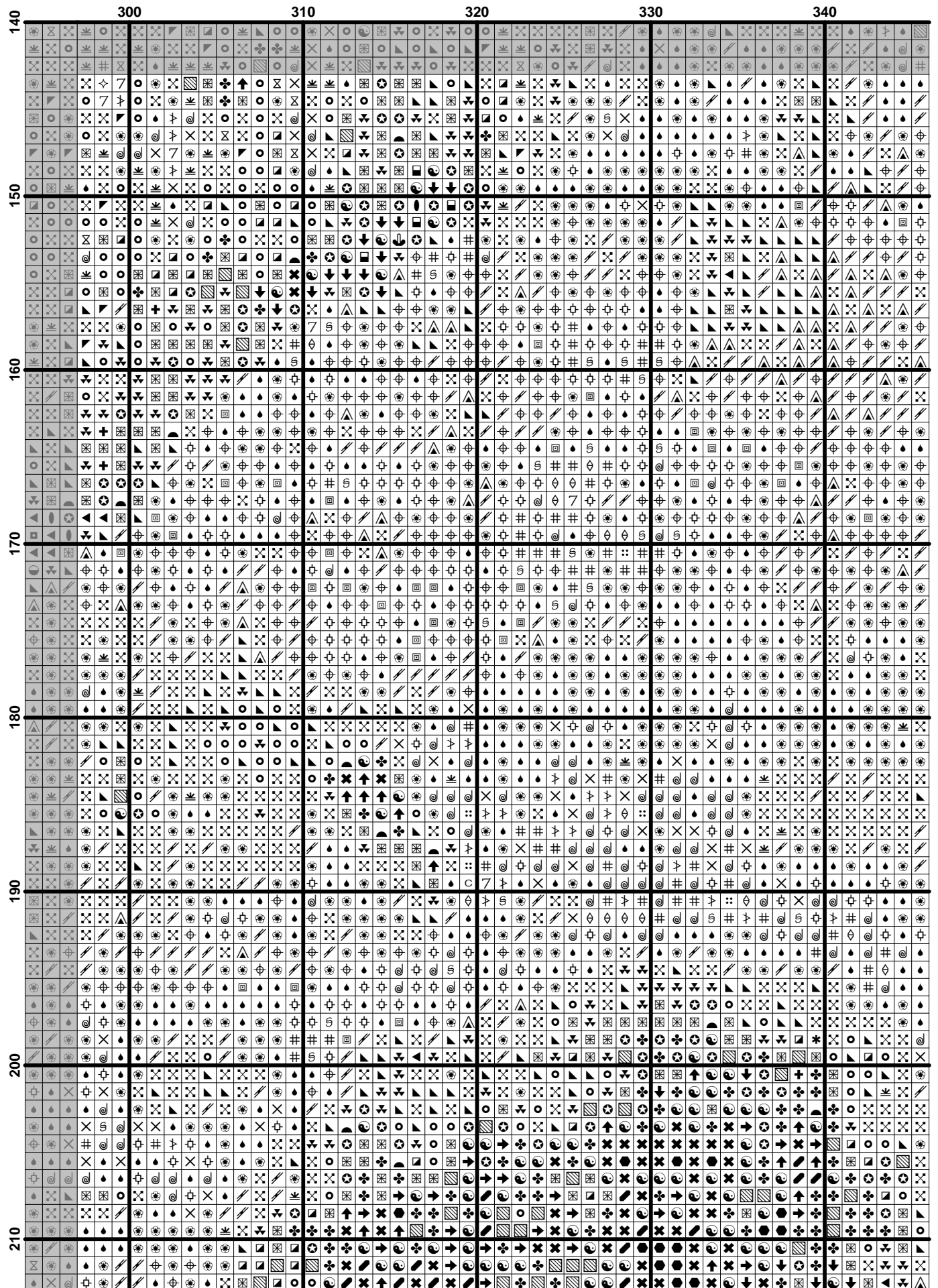
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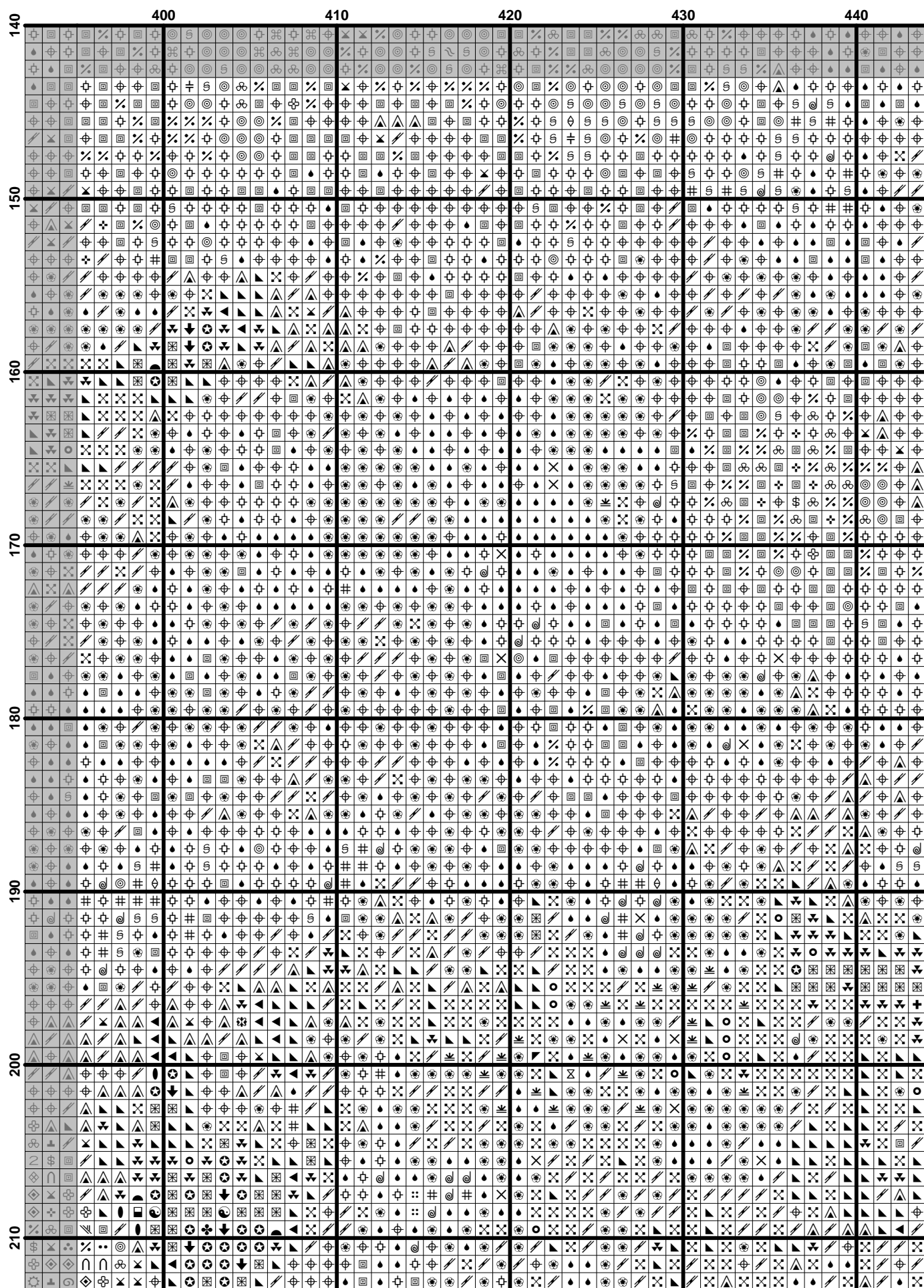
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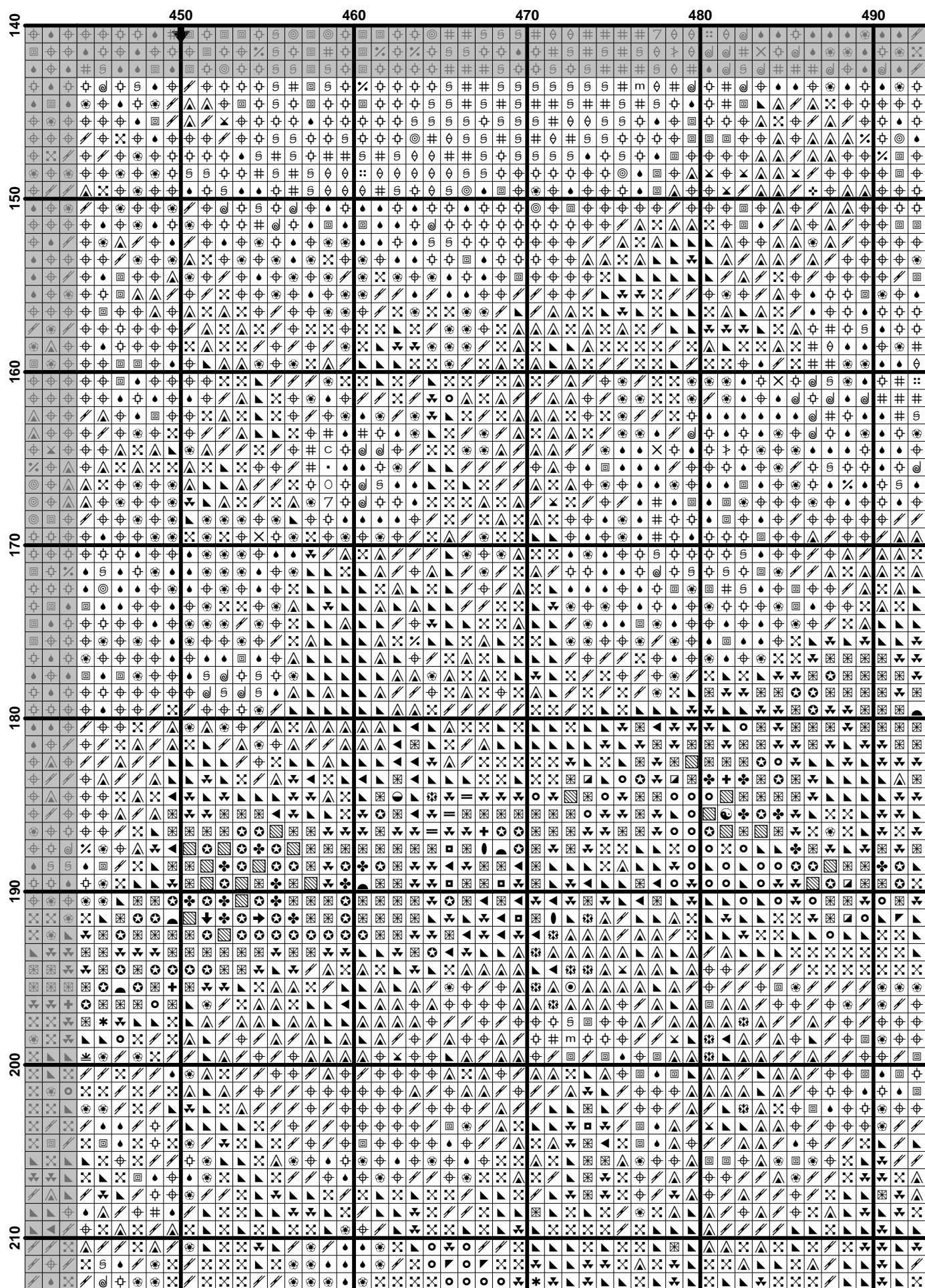
$$(62) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left(\sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

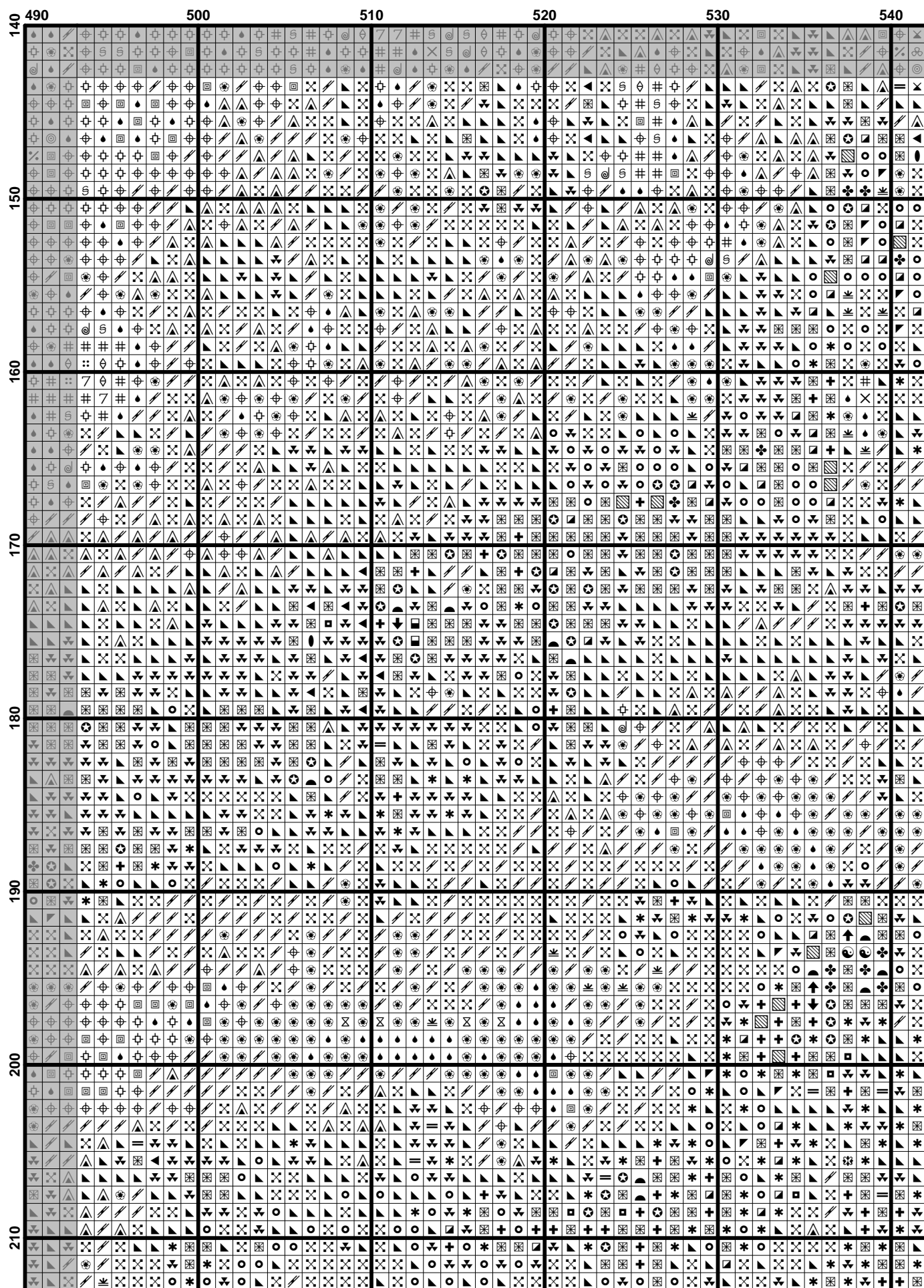
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140					
150					
160					
170					
180					
190					
200					
210					

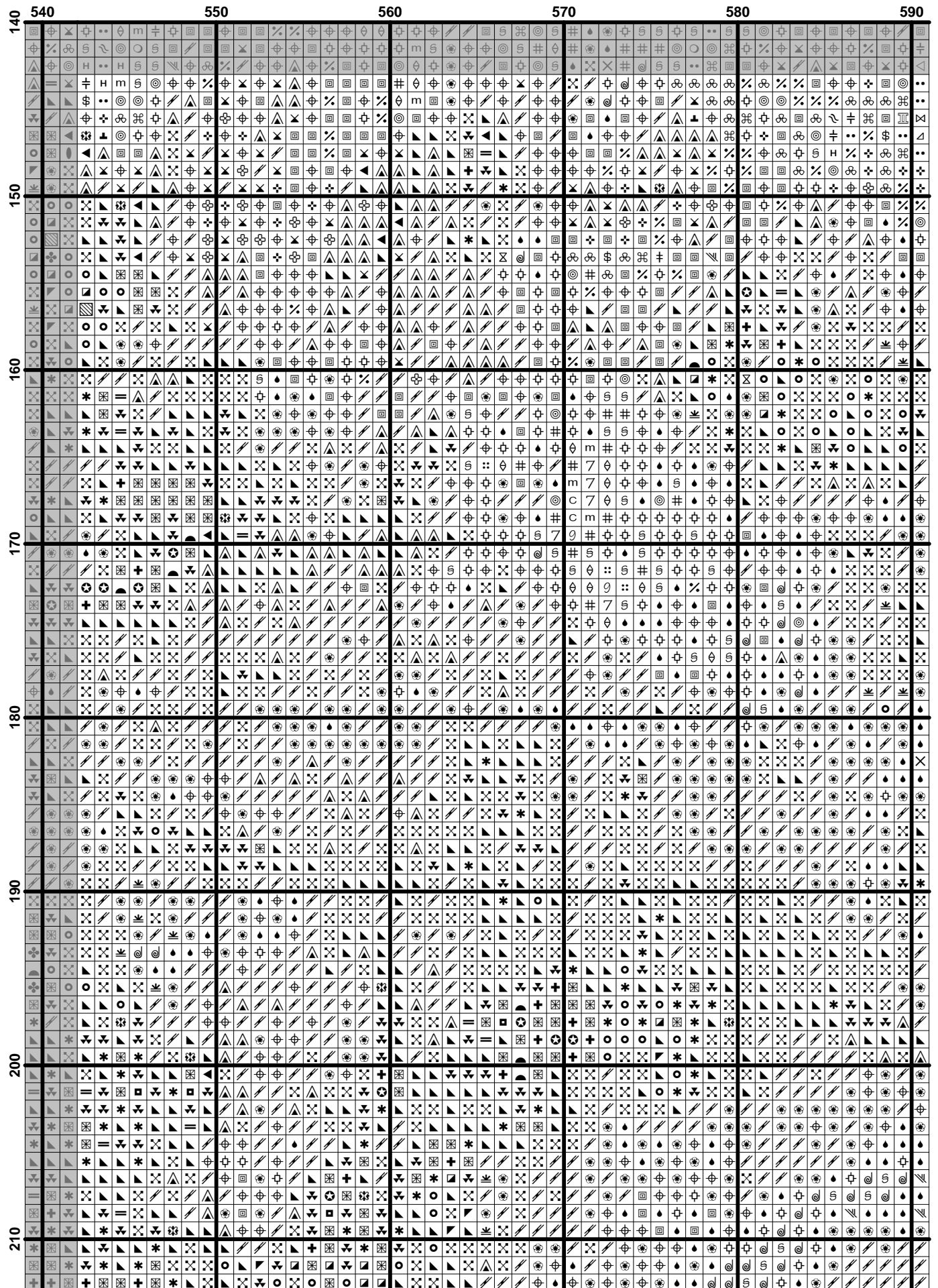


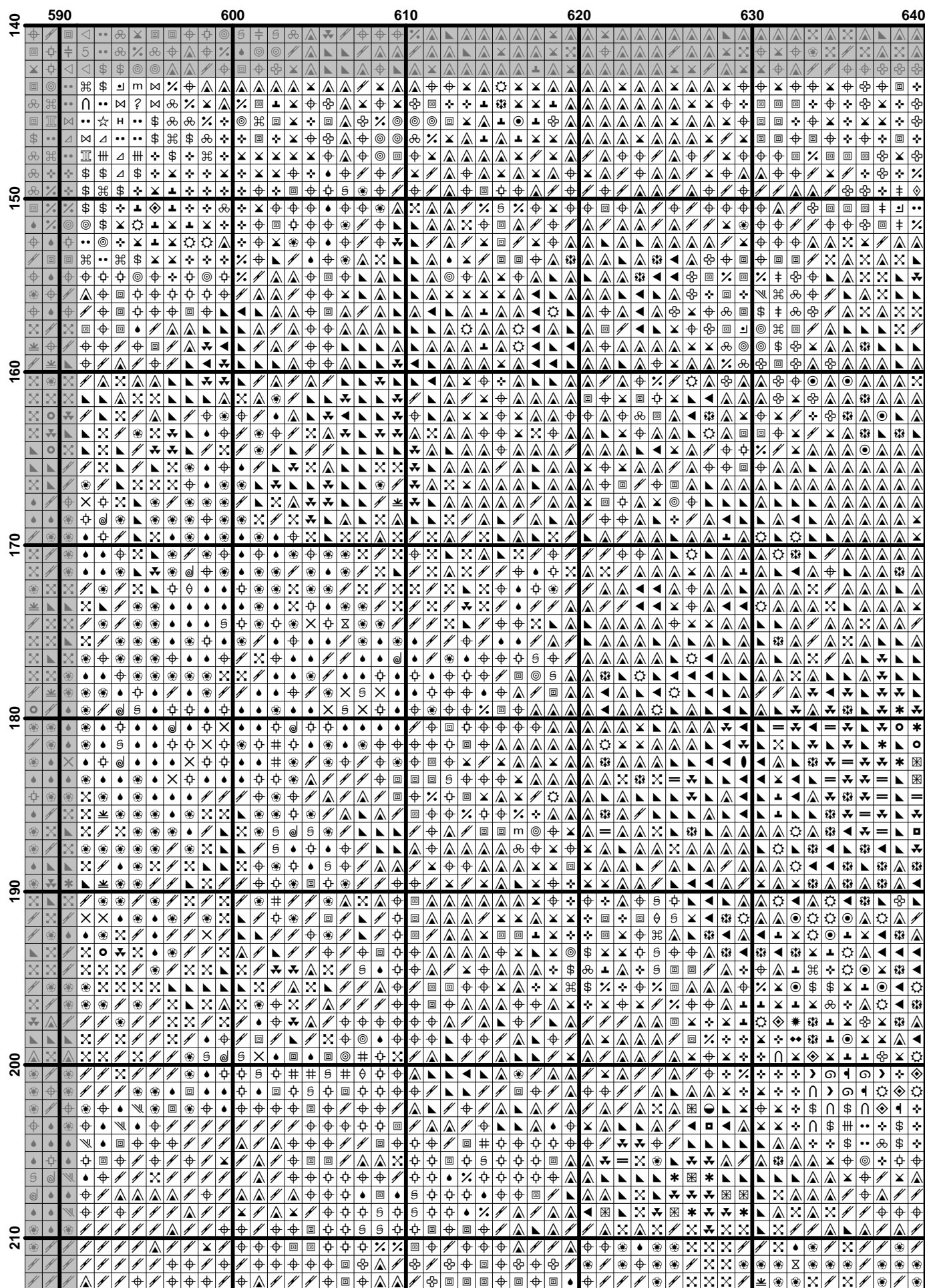
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140
150
160
170
180
190
200
210

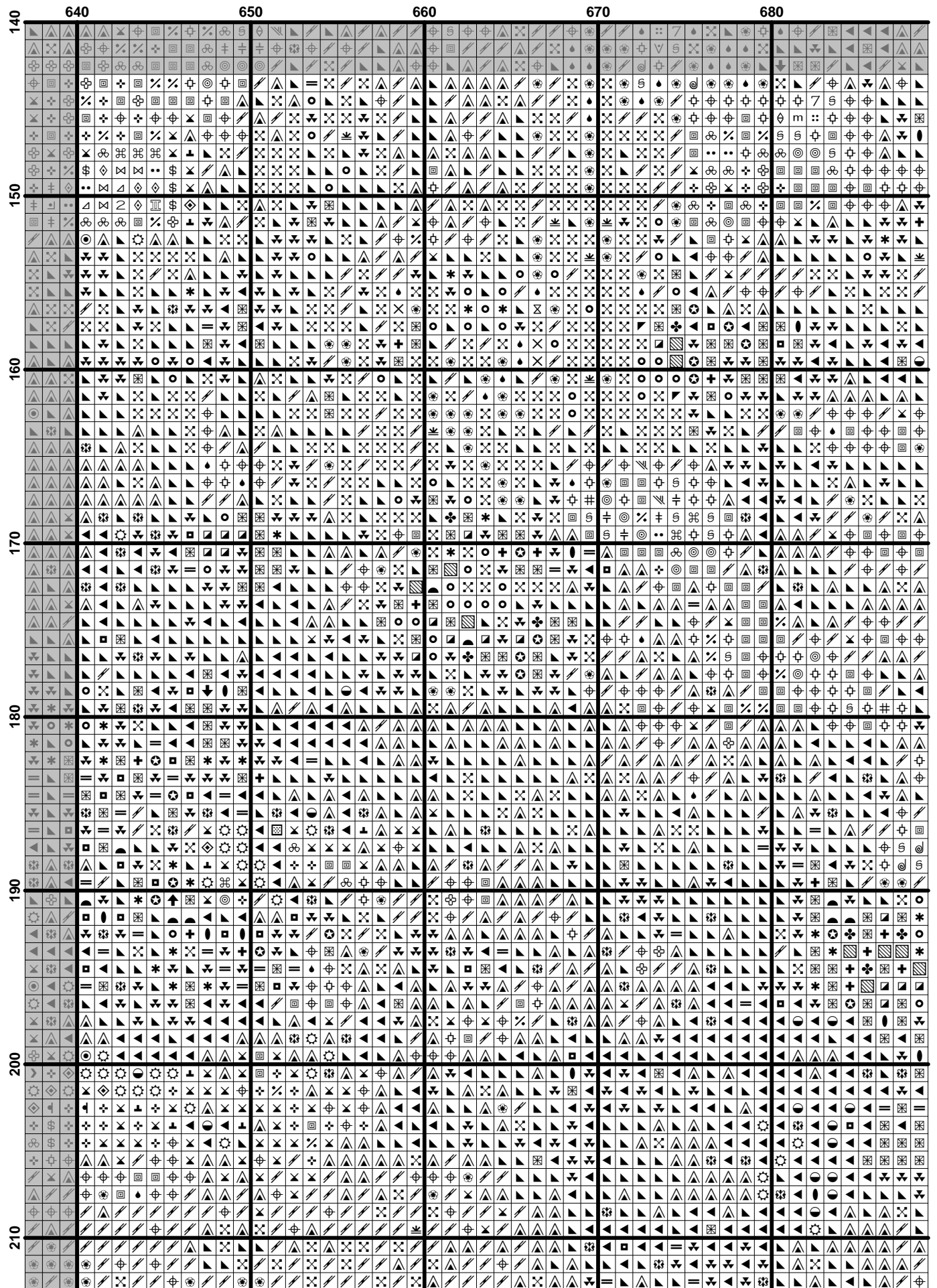


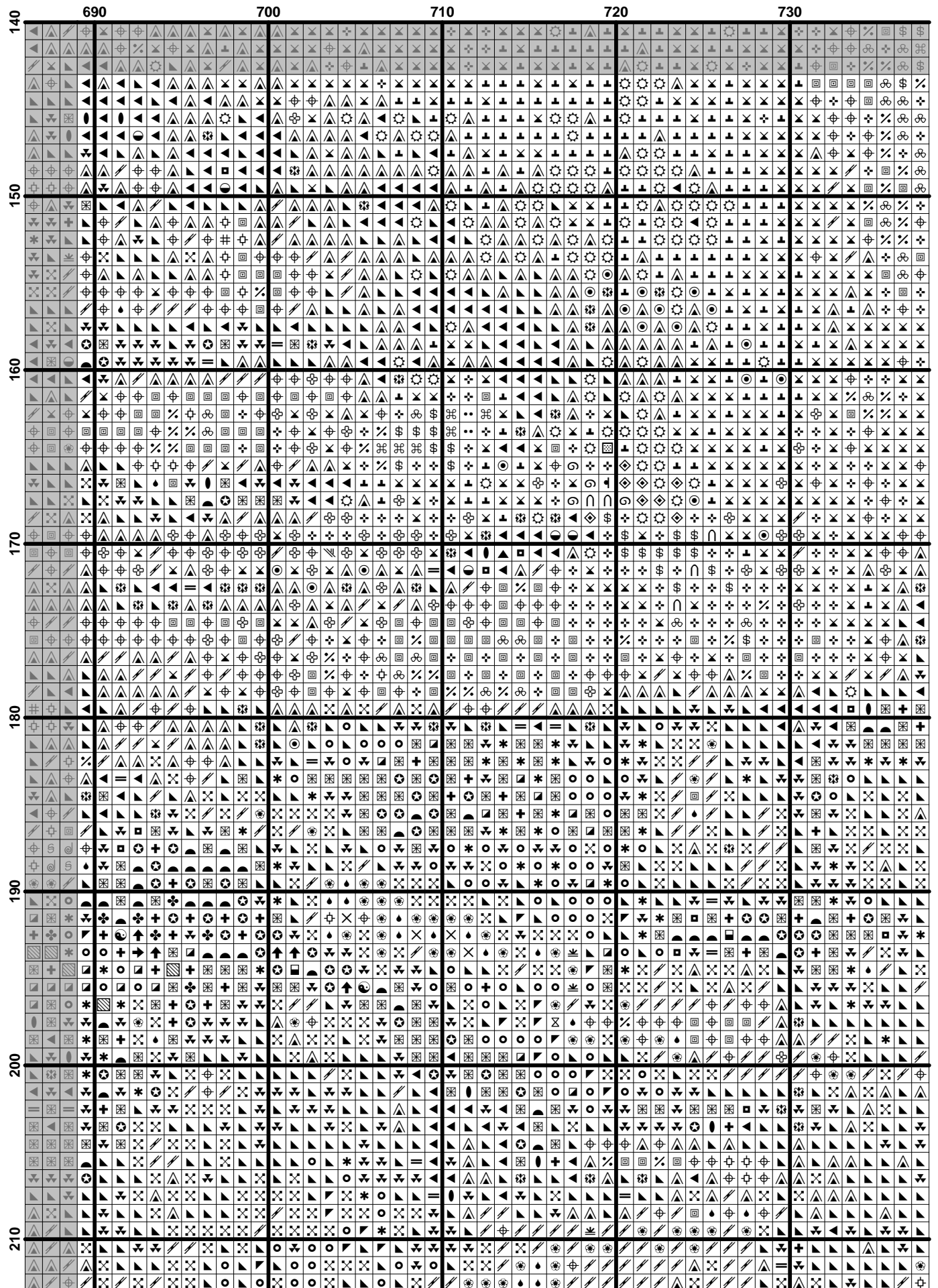


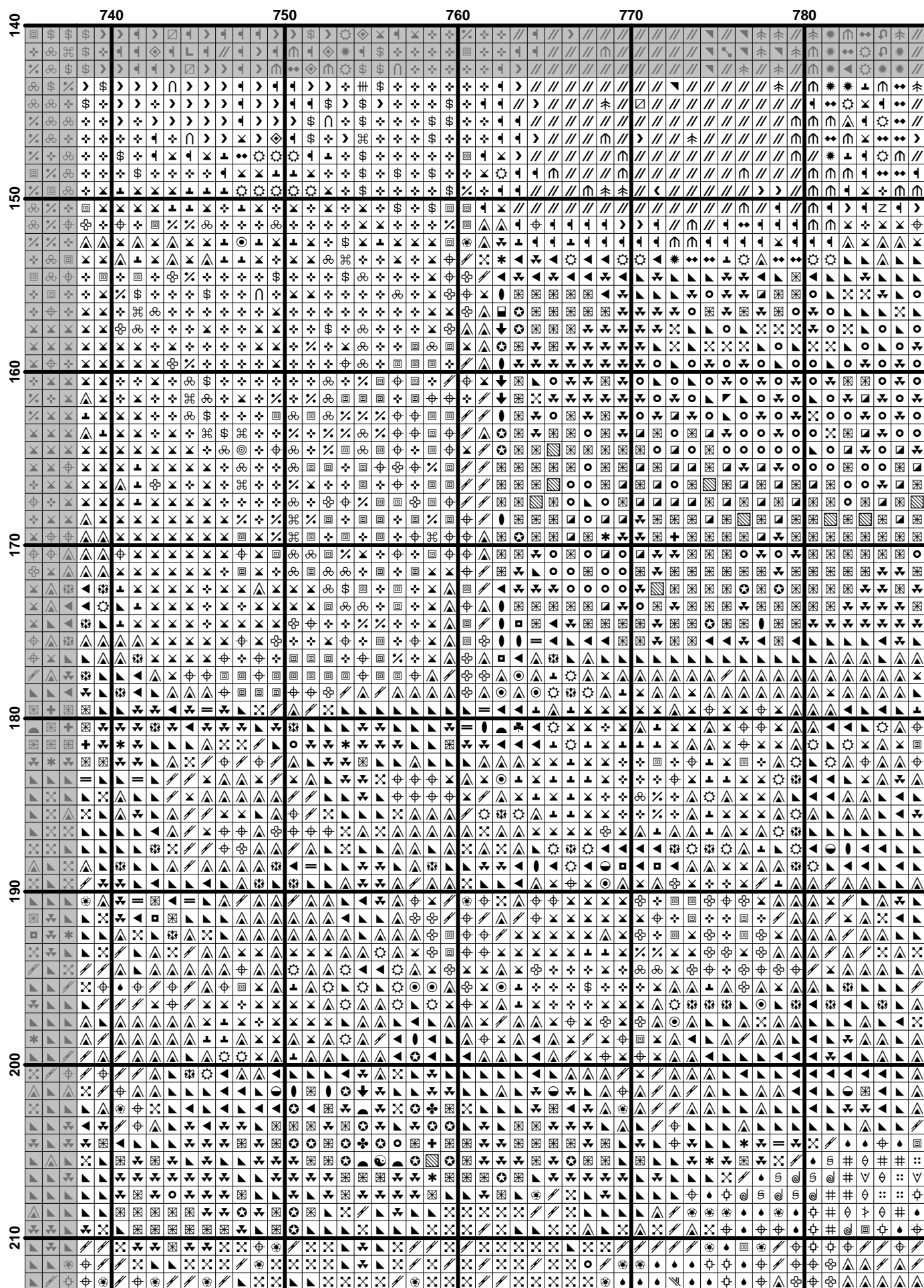












	790										800										810										820										830																																																																					
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[illegible]

	890										900									
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150
160
170
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190
200
210

	10	20	30	40	50
210					
220					
230					
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250					
260					
270					
280					

[illegible]

[illegible]

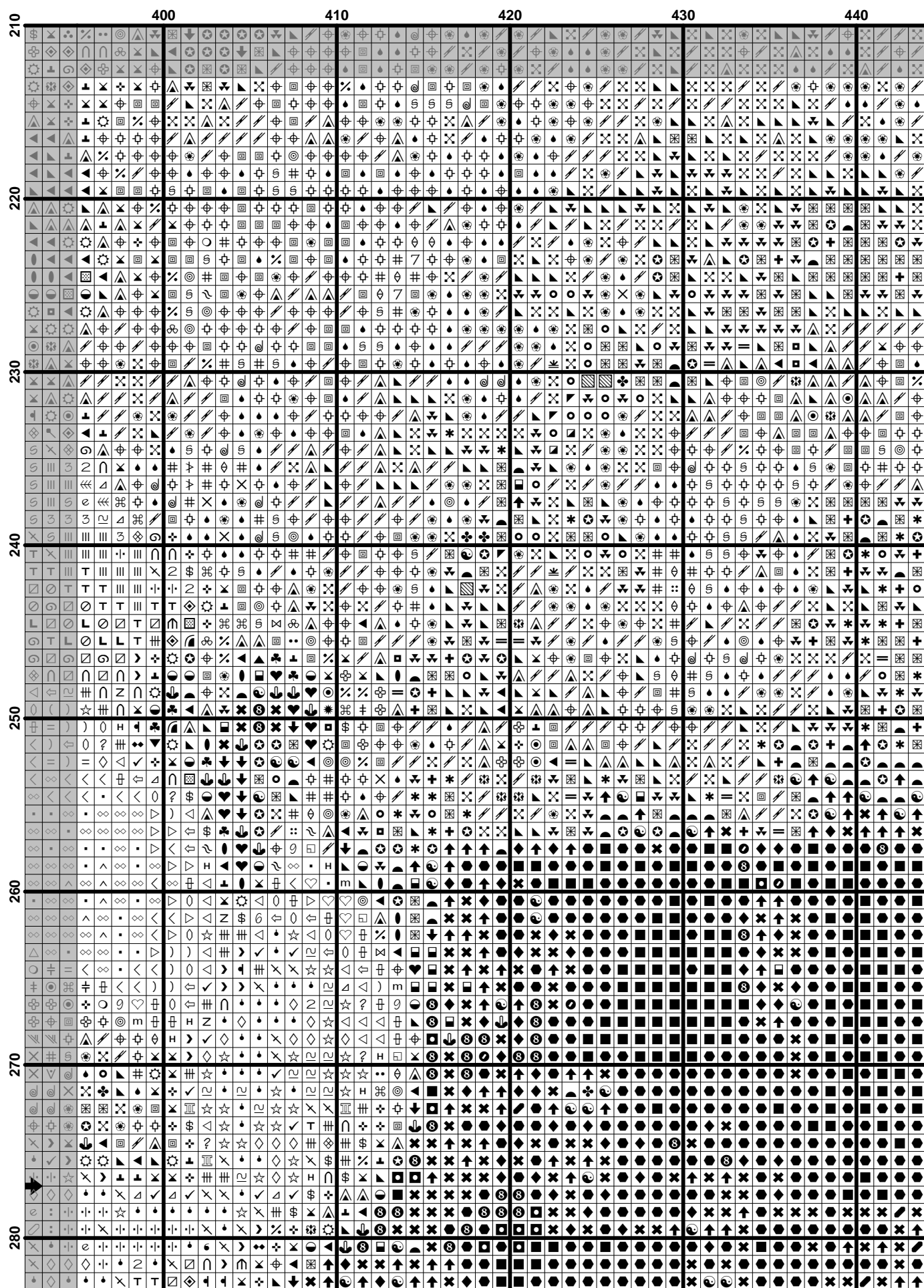
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210					
220					
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240					
250					
260					
270					
280					

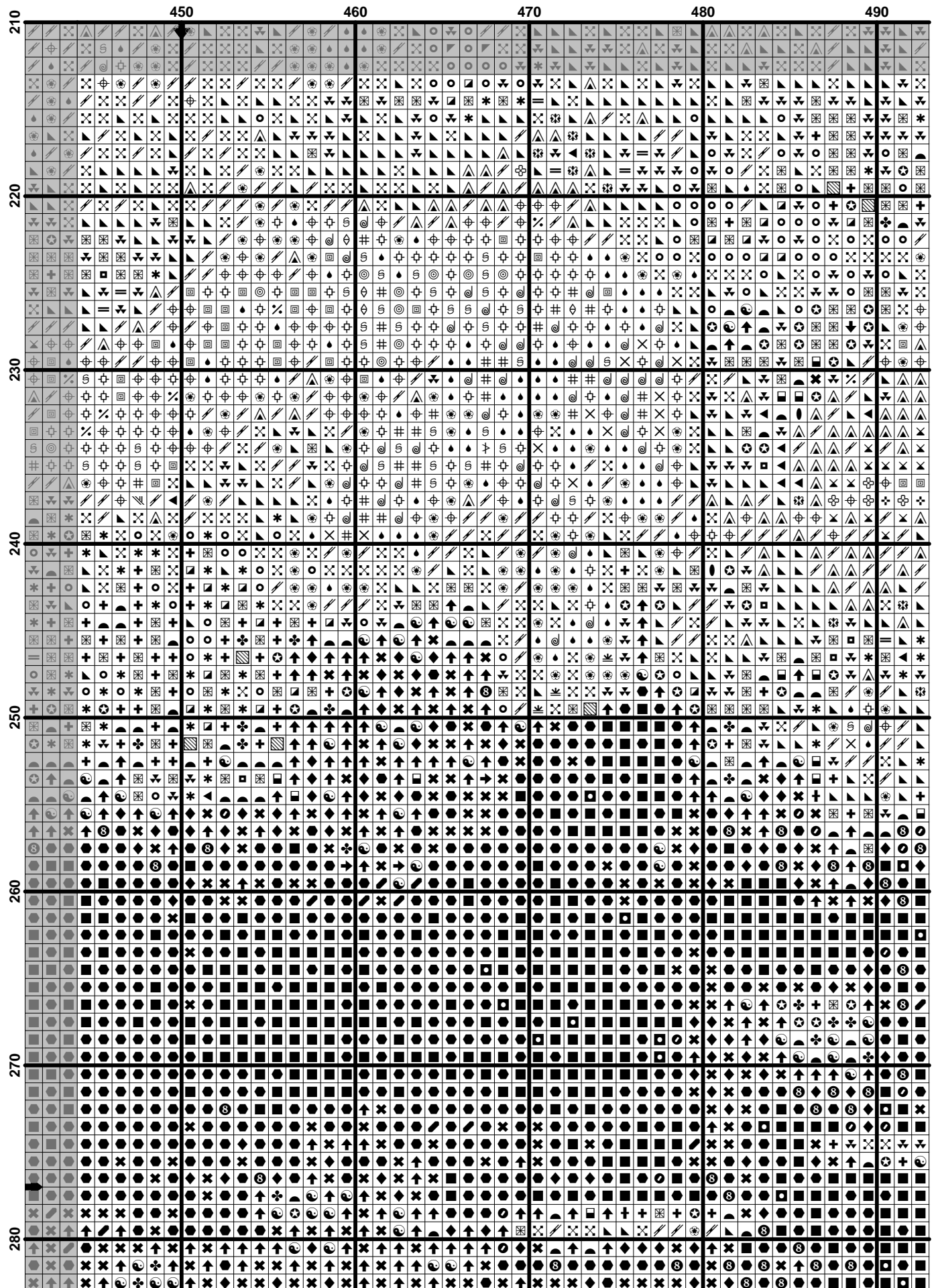
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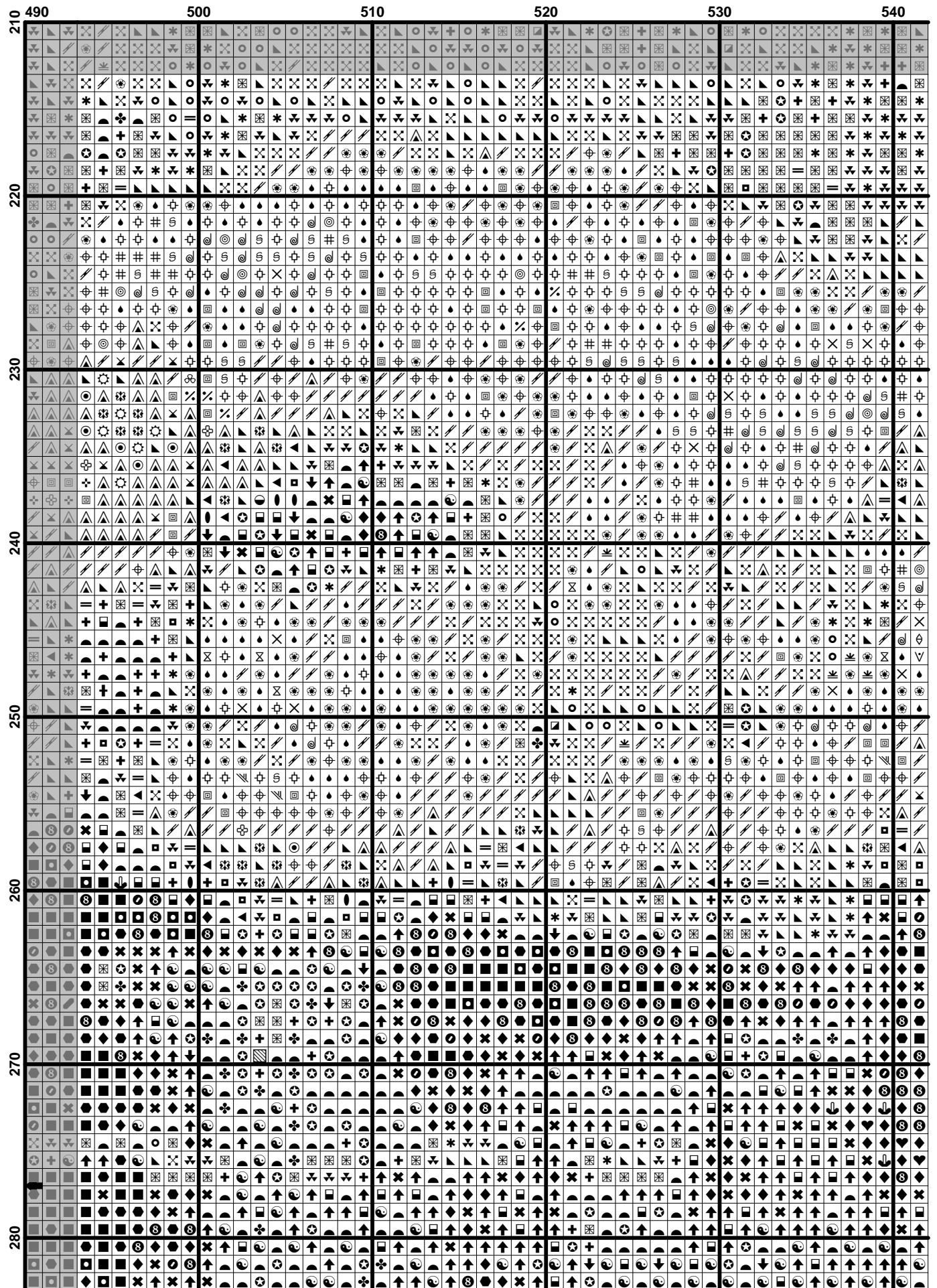
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210	△	△	△	△	△
220	△	△	△	△	△
230	△	△	△	△	△
240	△	△	△	△	△
250	△	△	△	△	△
260	△	△	△	△	△
270	△	△	△	△	△
280	△	△	△	△	△
290	△	△	△	△	△
300	△	△	△	△	△
310	△	△	△	△	△
320	△	△	△	△	△
330	△	△	△	△	△
340	△	△	△	△	△
350	△	△	△	△	△
360	△	△	△	△	△
370	△	△	△	△	△
380	△	△	△	△	△
390	△	△	△	△	△
400	△	△	△	△	△
410	△	△	△	△	△
420	△	△	△	△	△
430	△	△	△	△	△
440	△	△	△	△	△
450	△	△	△	△	△
460	△	△	△	△	△
470	△	△	△	△	△
480	△	△	△	△	△
490	△	△	△	△	△
500	△	△	△	△	△
510	△	△	△	△	△
520	△	△	△	△	△
530	△	△	△	△	△
540	△	△	△	△	△
550	△	△	△	△	△
560	△	△	△	△	△
570	△	△	△	△	△
580	△	△	△	△	△
590	△	△	△	△	△
600	△	△	△	△	△
610	△	△	△	△	△
620	△	△	△	△	△
630	△	△	△	△	△
640	△	△	△	△	△
650	△	△	△	△	△
660	△	△	△	△	△
670	△	△	△	△	△
680	△	△	△	△	△
690	△	△	△	△	△
700	△	△	△	△	△
710	△	△	△	△	△
720	△	△	△	△	△
730	△	△	△	△	△
740	△	△	△	△	△
750	△	△	△	△	△
760	△	△	△	△	△
770	△	△	△	△	△
780	△	△	△	△	△
790	△	△	△	△	△
800	△	△	△	△	△
810	△	△	△	△	△
820	△	△	△	△	△
830	△	△	△	△	△
840	△	△	△	△	△
850	△	△	△	△	△
860	△	△	△	△	△
870	△	△	△	△	△
880	△	△	△	△	△
890	△	△	△	△	△
900	△	△	△	△	△
910	△	△	△	△	△
920	△	△	△	△	△
930	△	△	△	△	△
940	△	△	△	△	△
950	△	△	△	△	△
960	△	△	△	△	△
970	△	△	△	△	△
980	△	△	△	△	△
990	△	△	△	△	△
1000	△	△	△	△	△

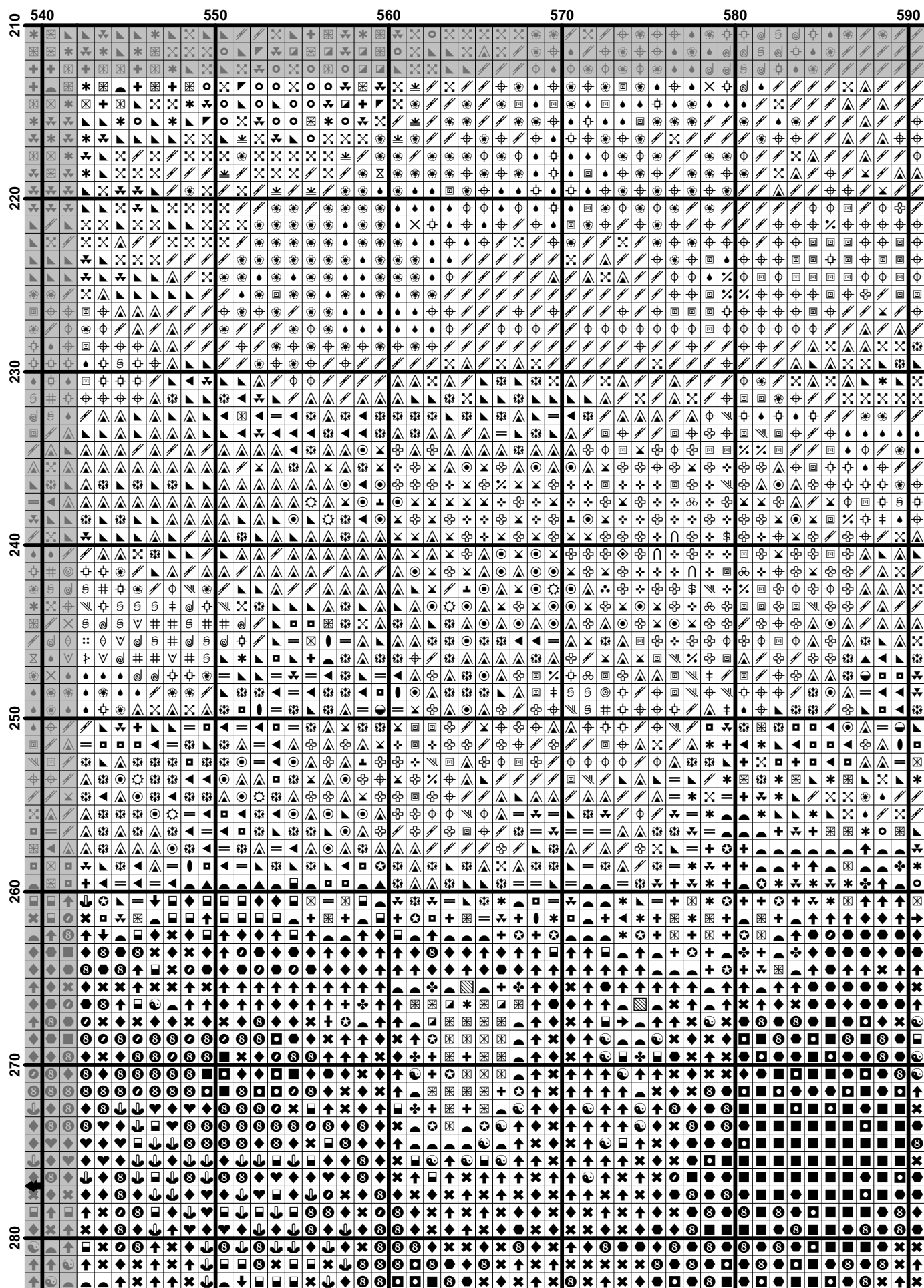
	300	310	320	330	340
210					
220					
230					
240					
250					
260					
270					
280					

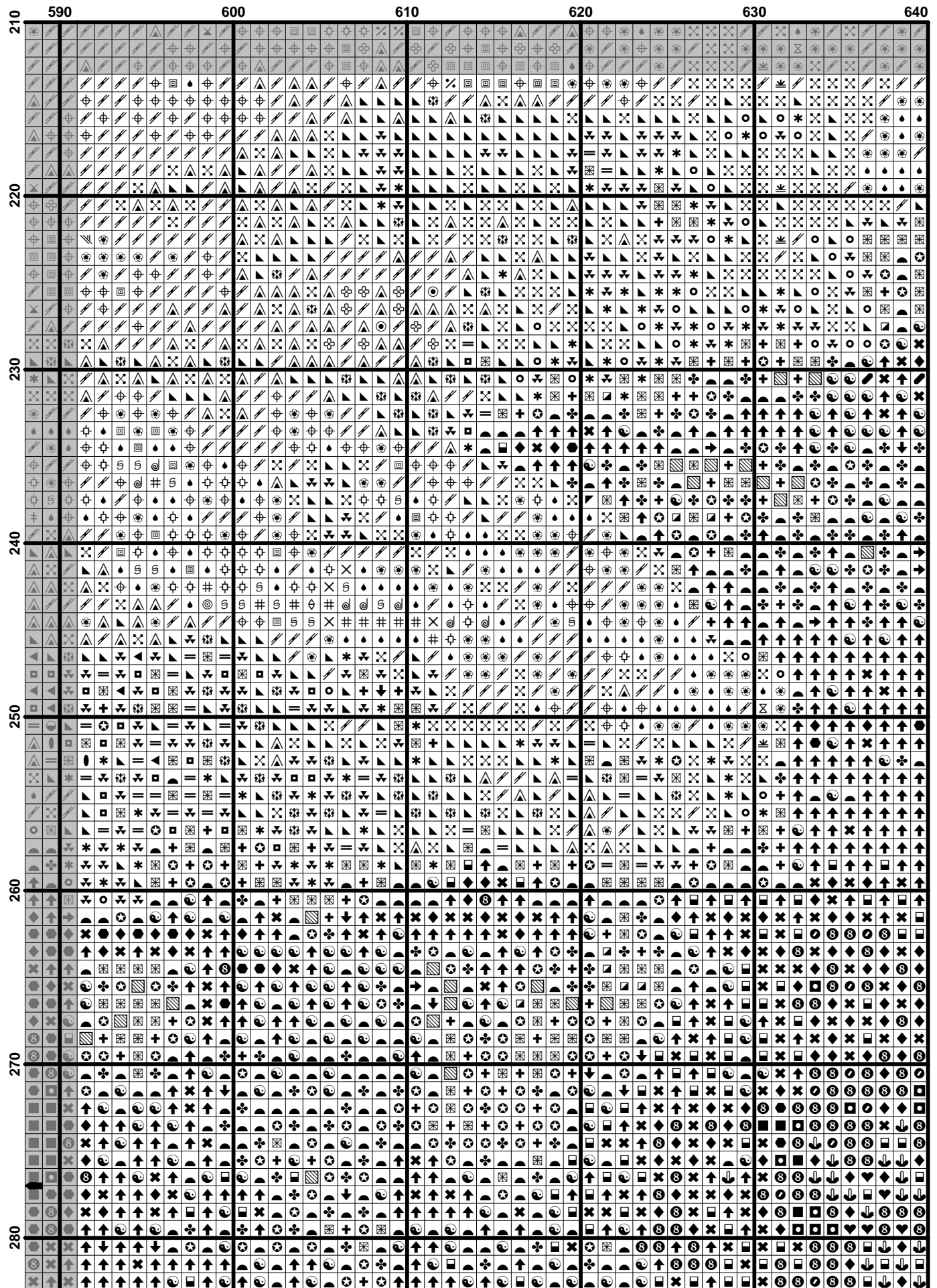
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210
220
230
240
250
260
270
280

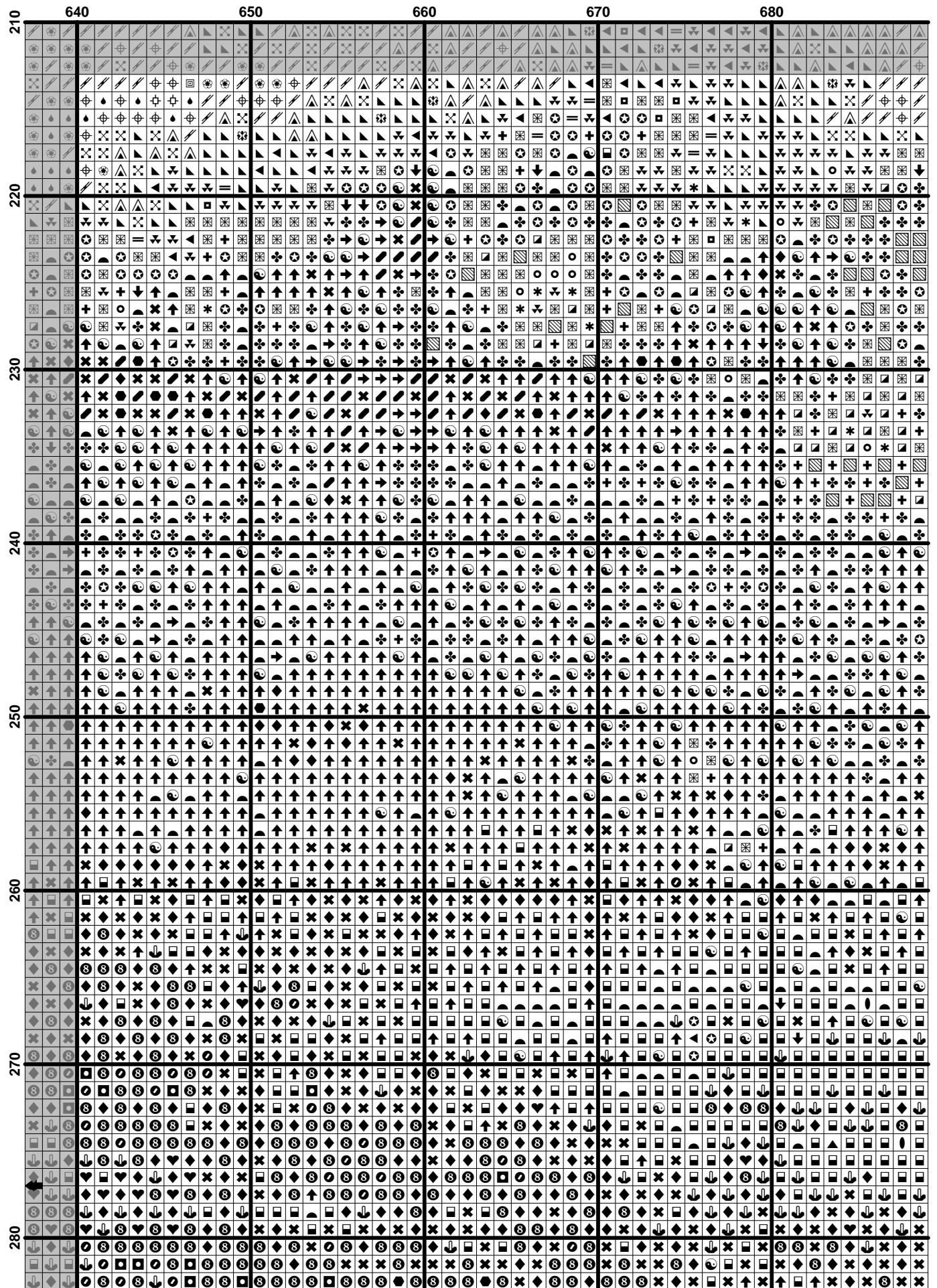


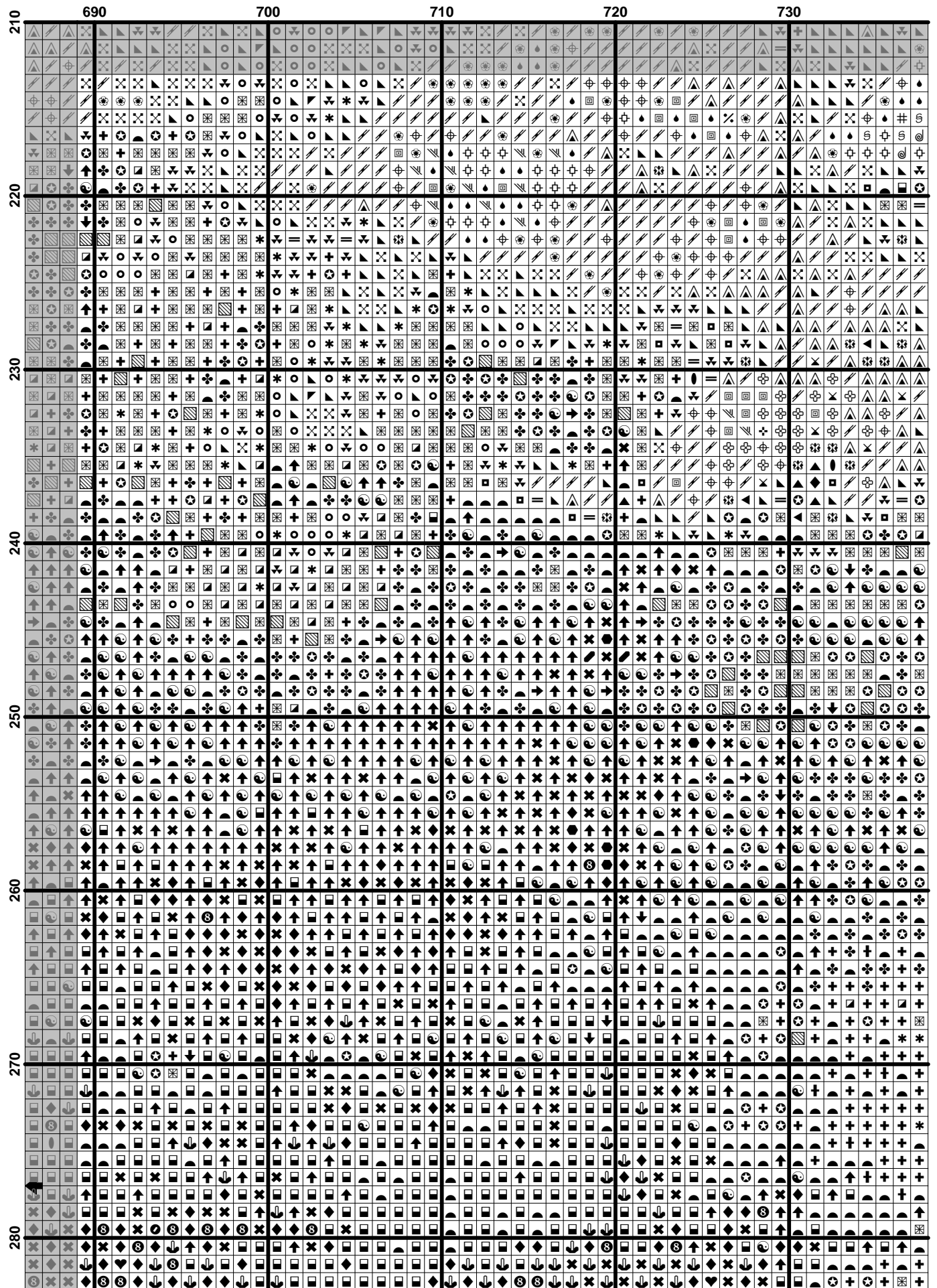


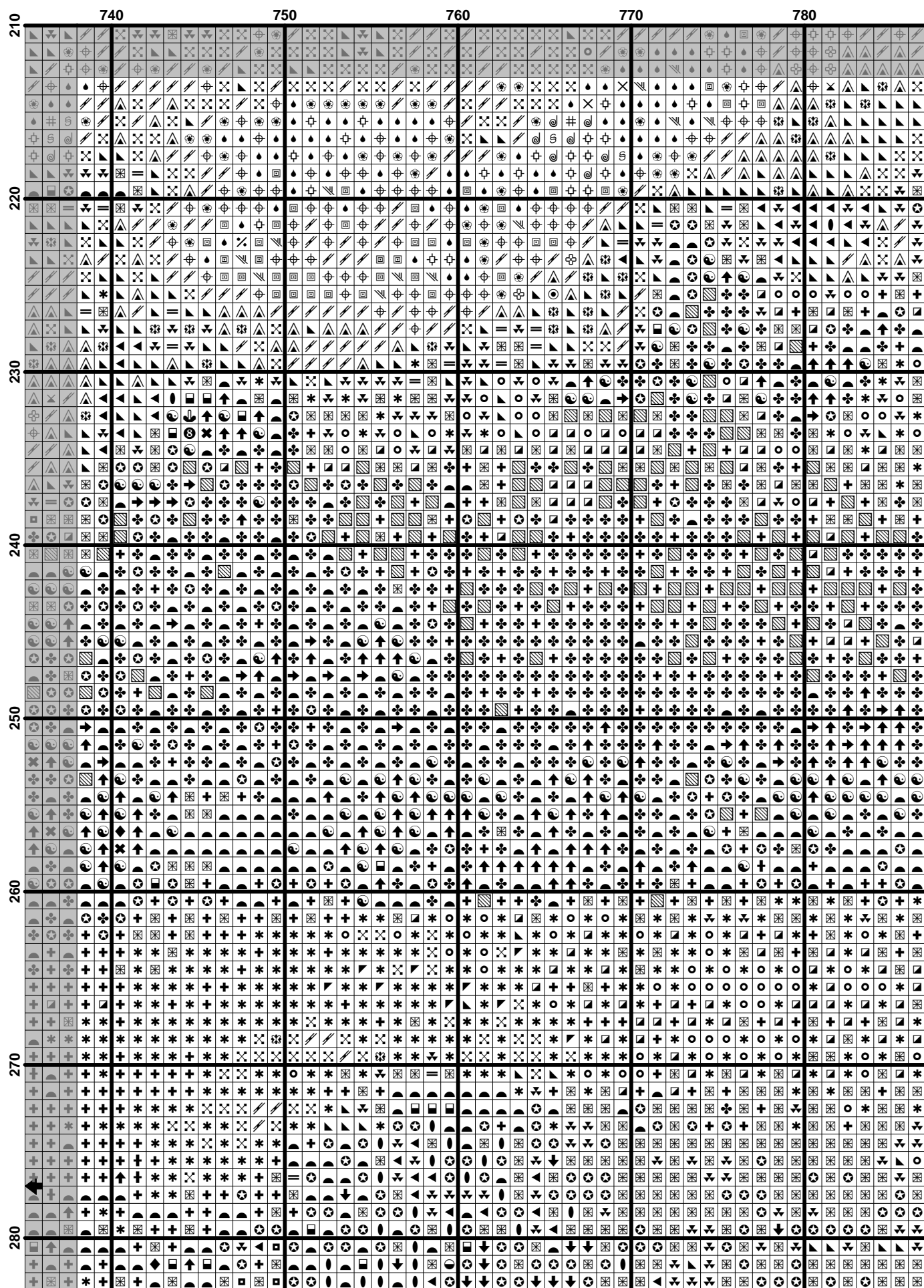


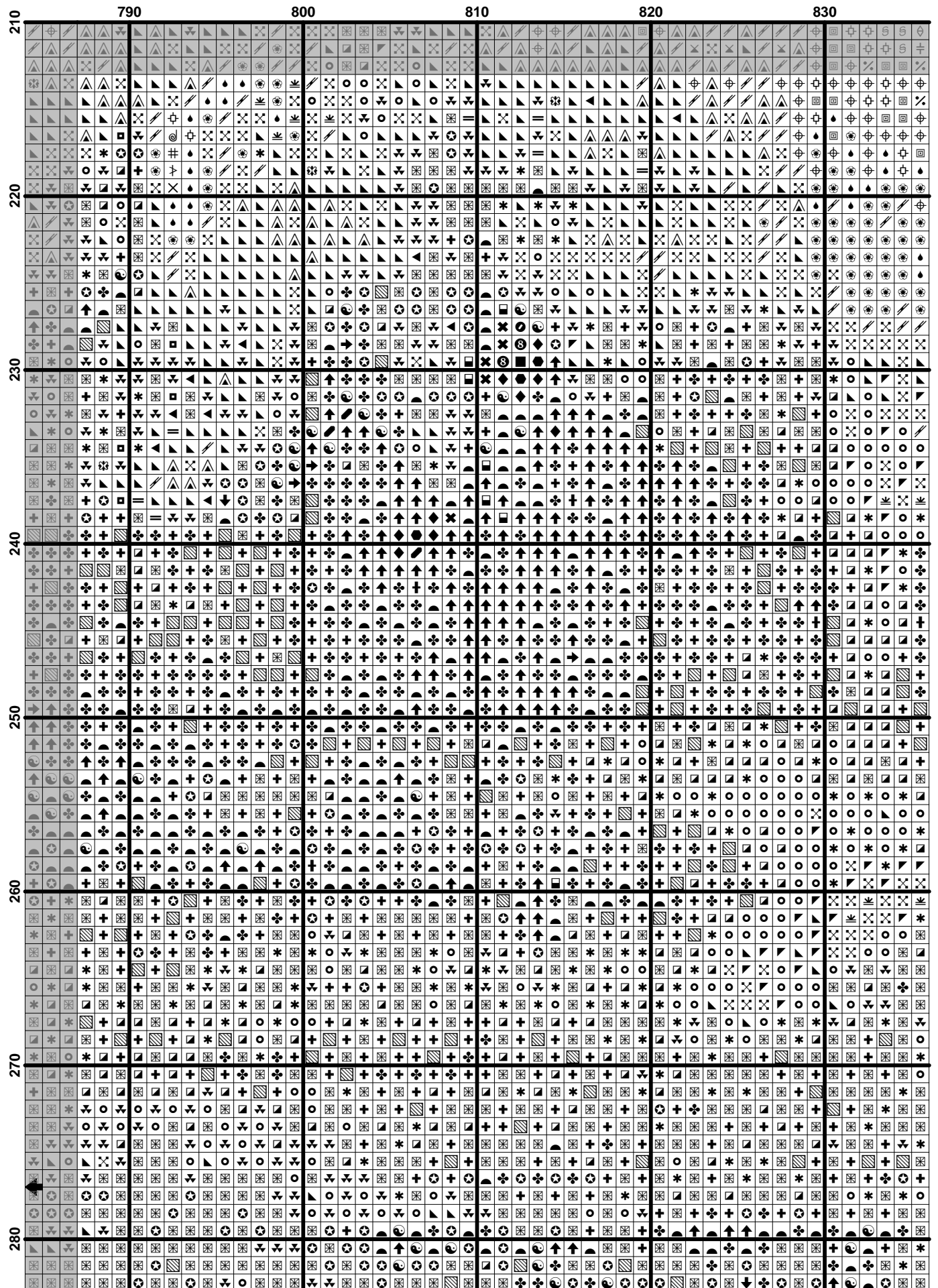


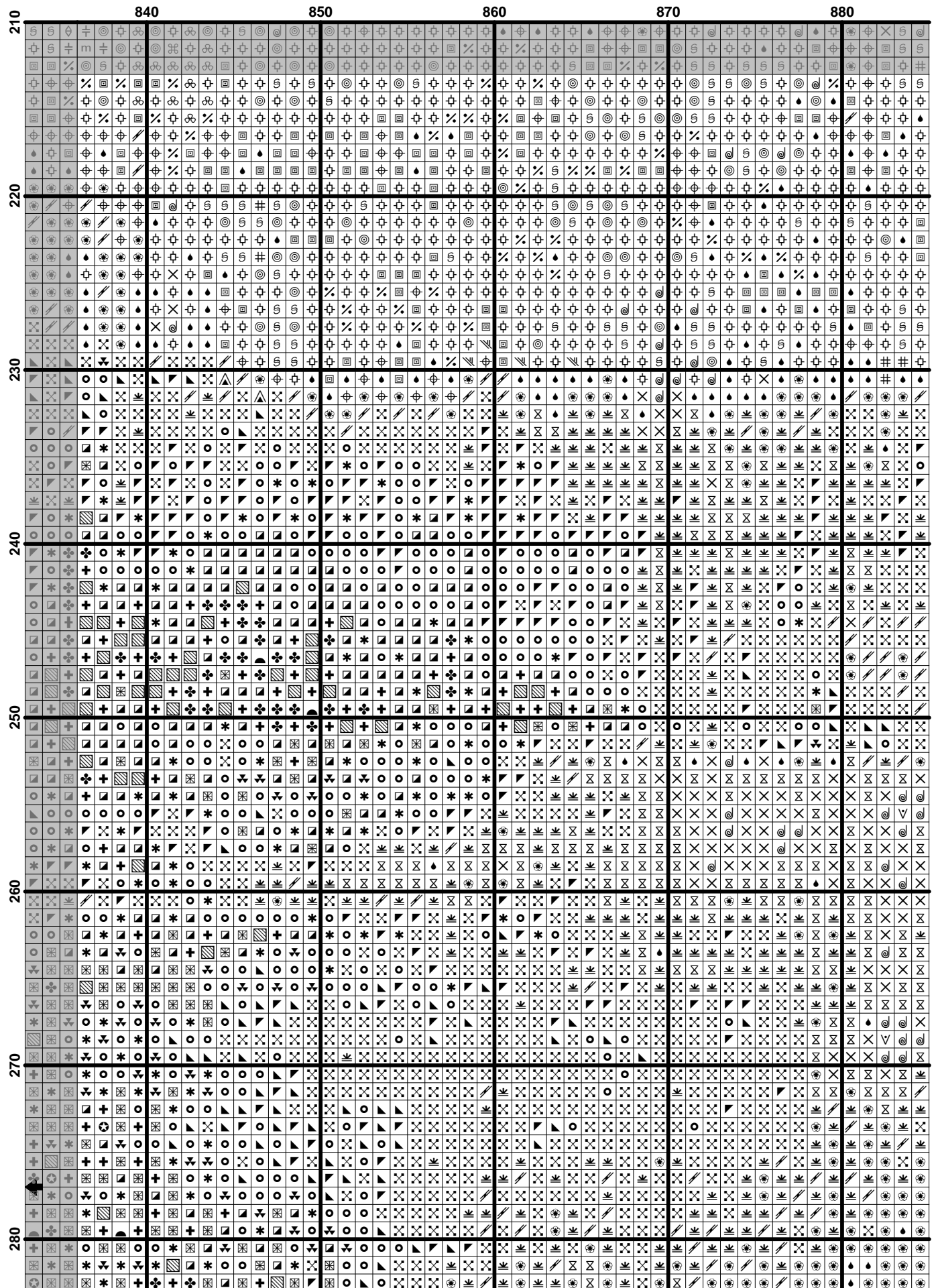


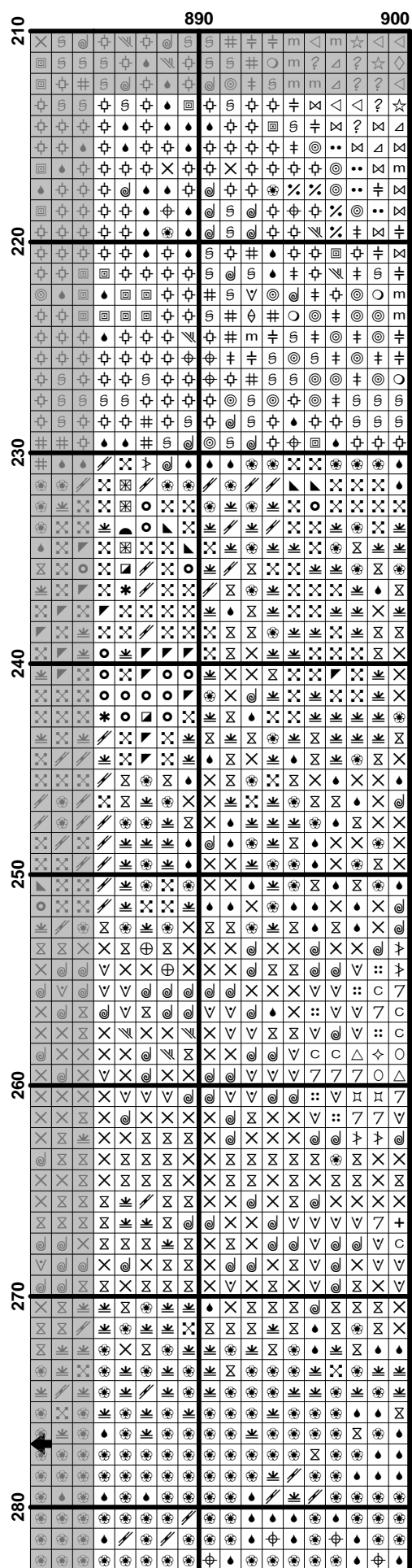












	10	20	30	40	50
280
290
300
310
320
330
340
350

$$(97) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$

$$(98) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (99)$$

	150	160	170	180	190
280
290
300
310
320
330
340
350

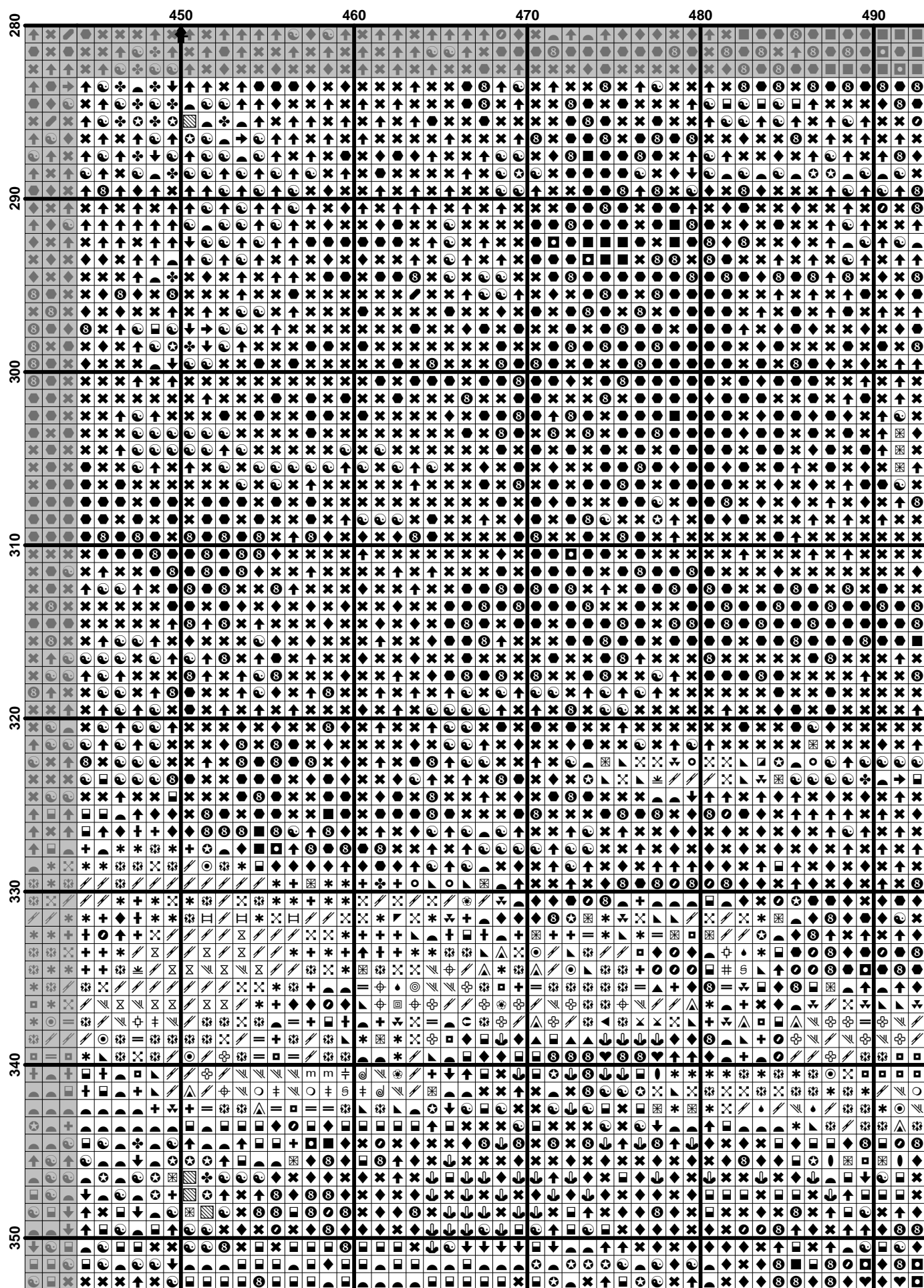
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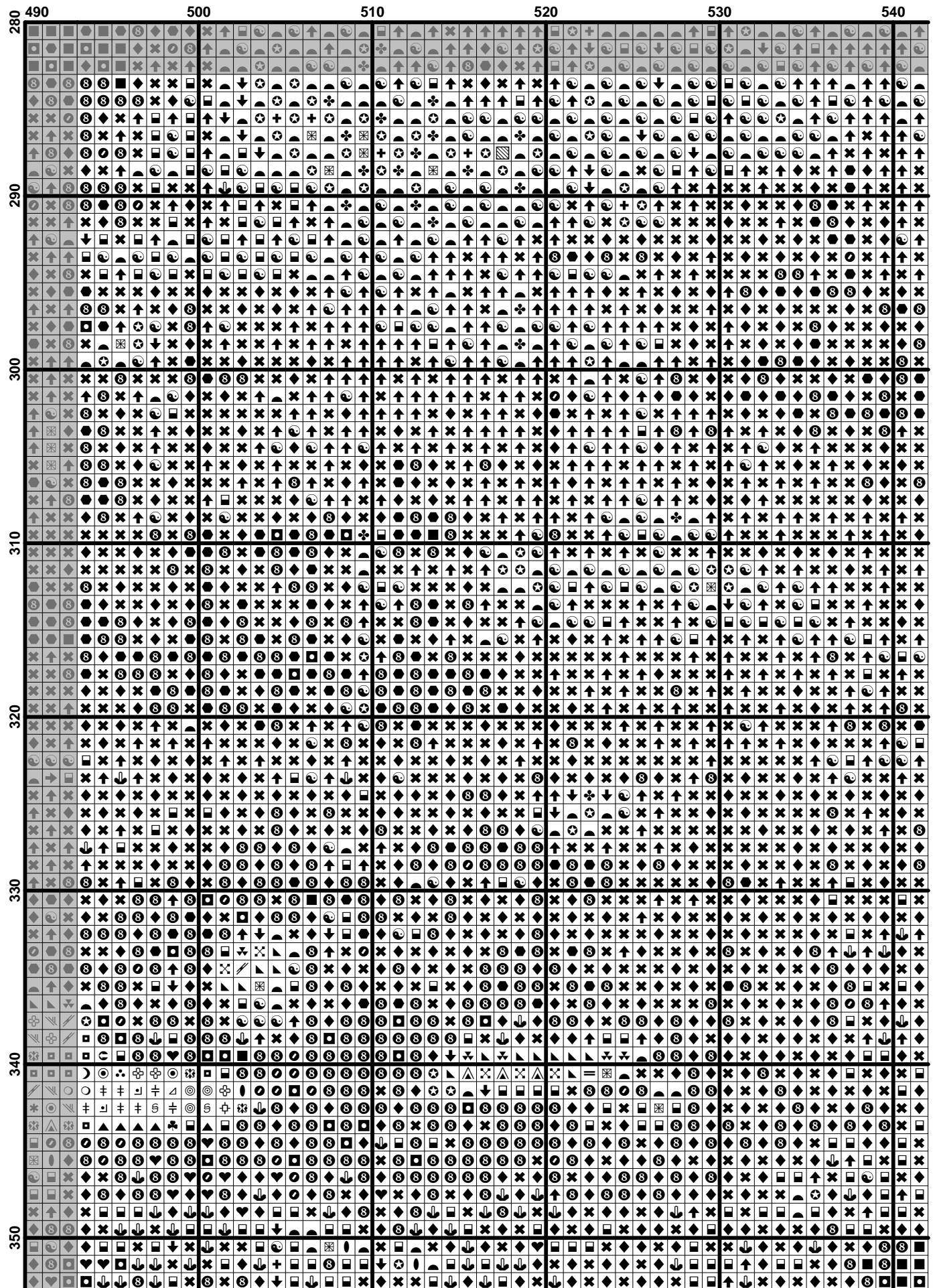
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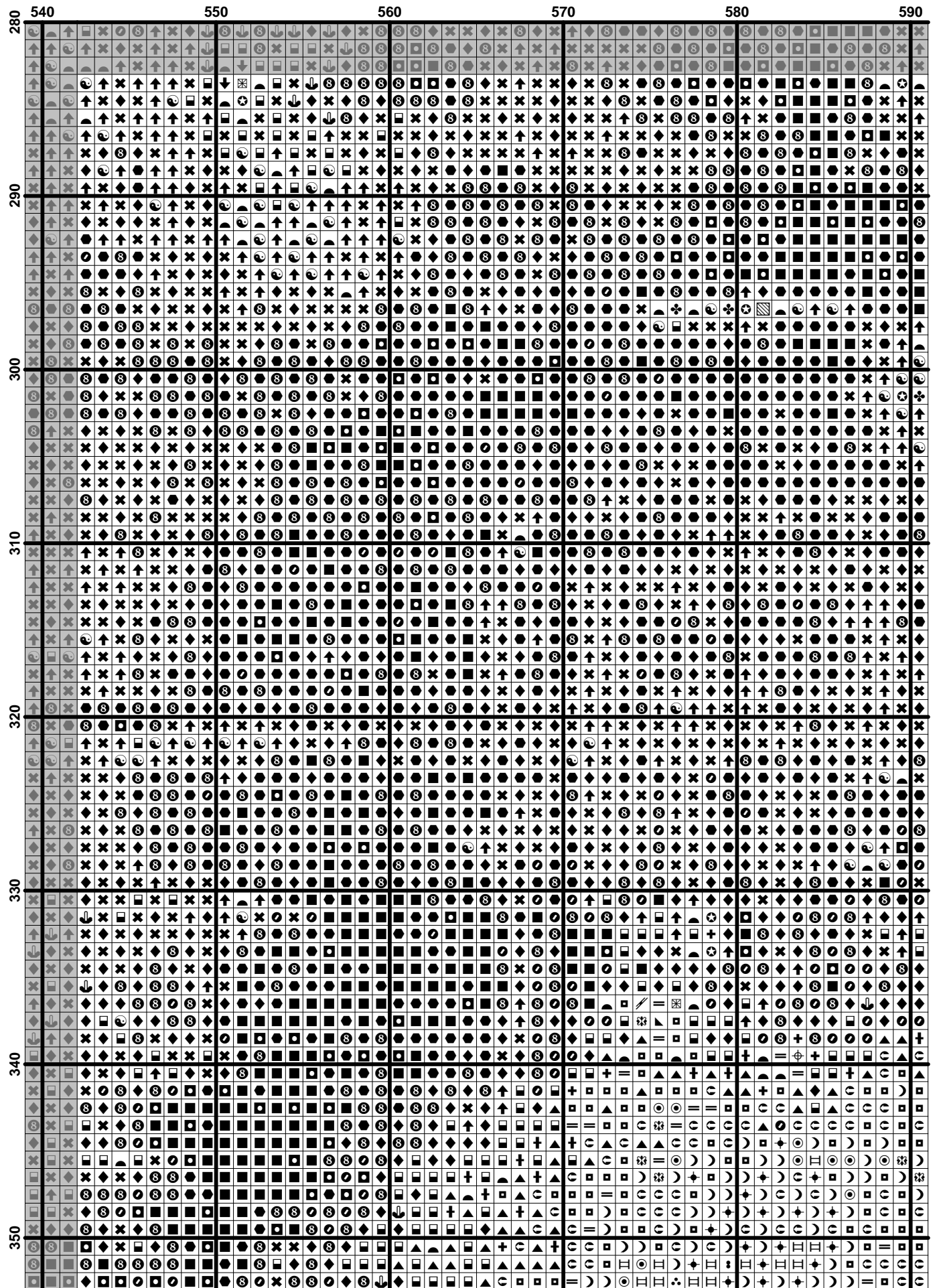
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(104)

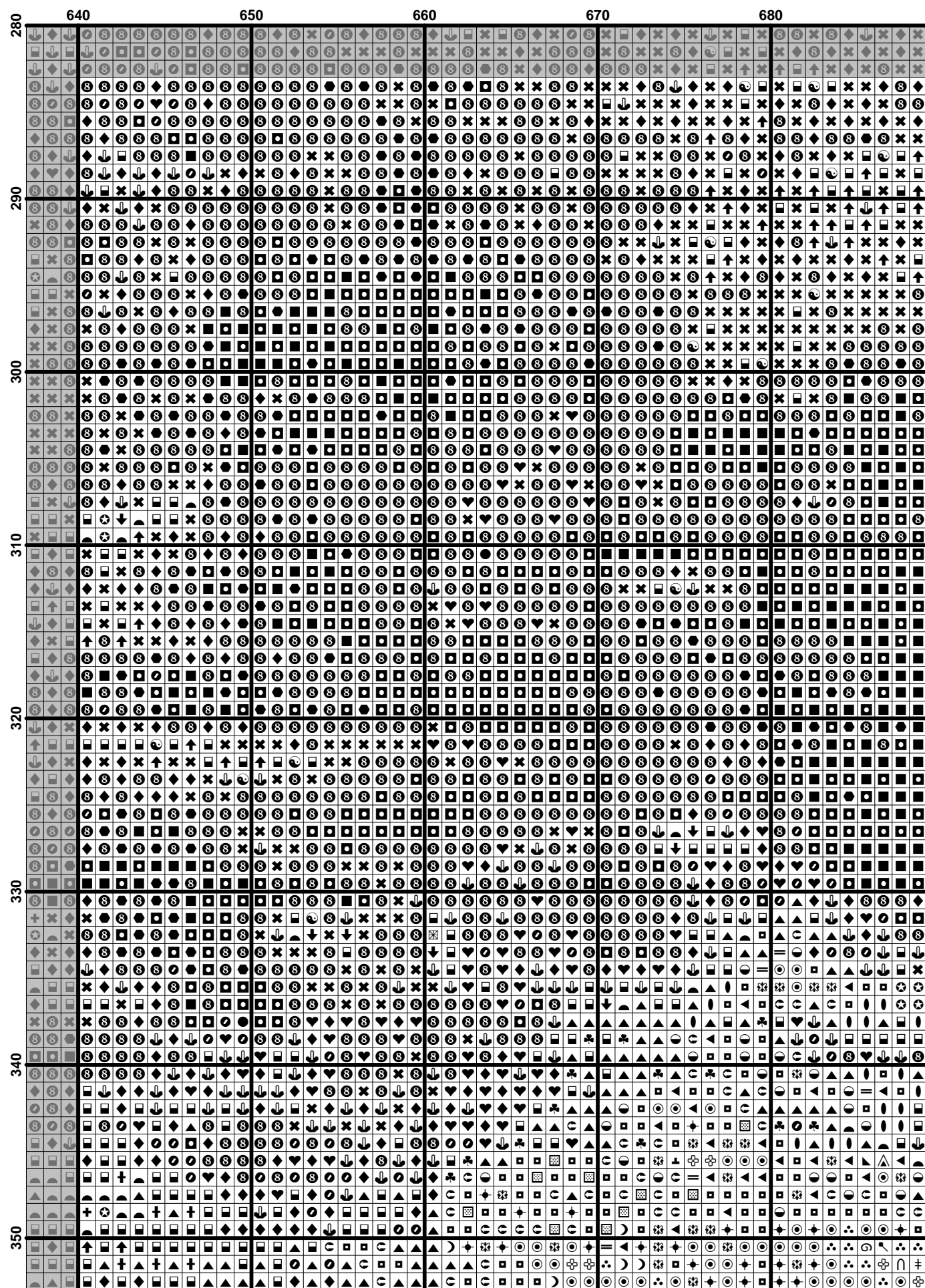
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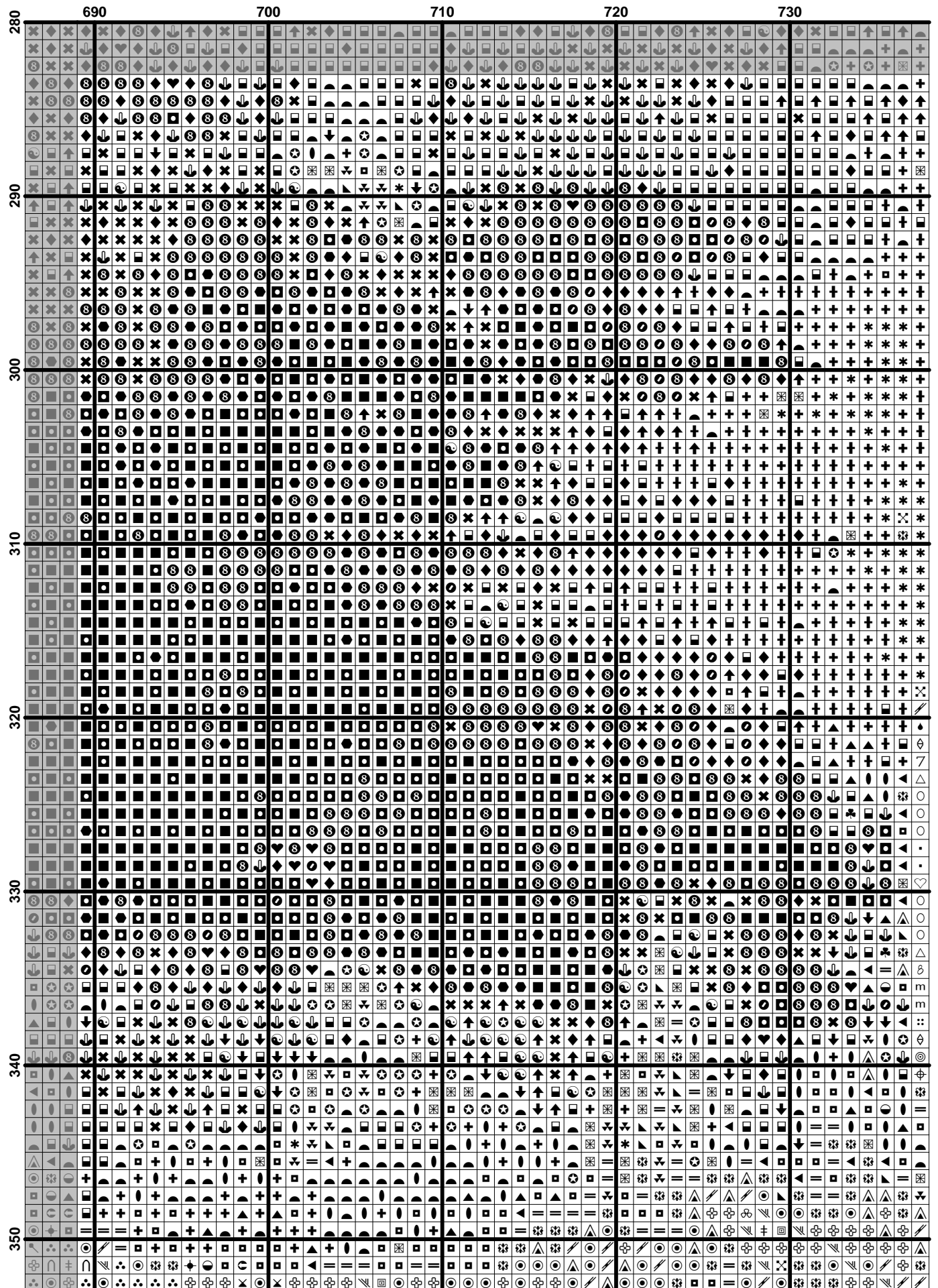




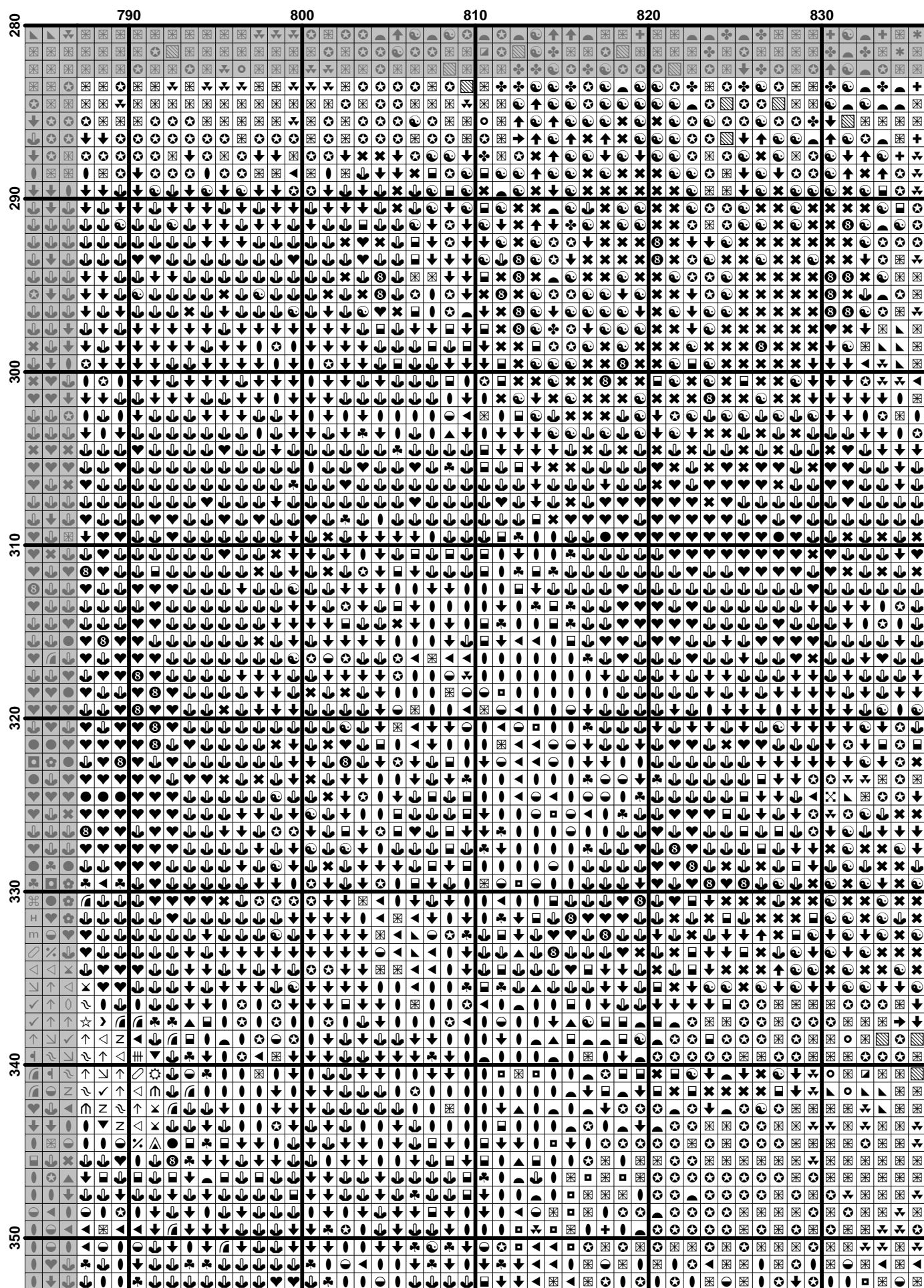


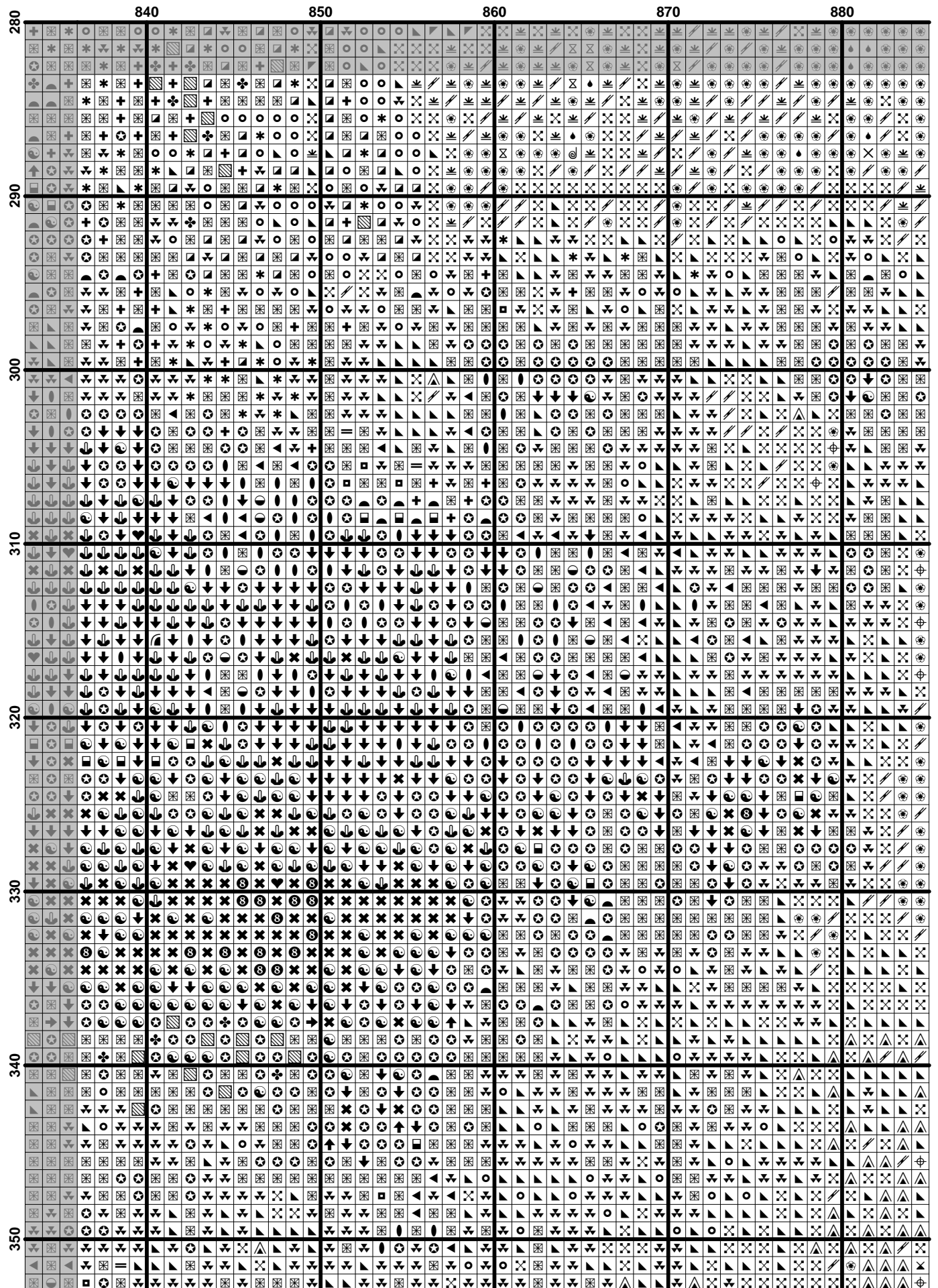
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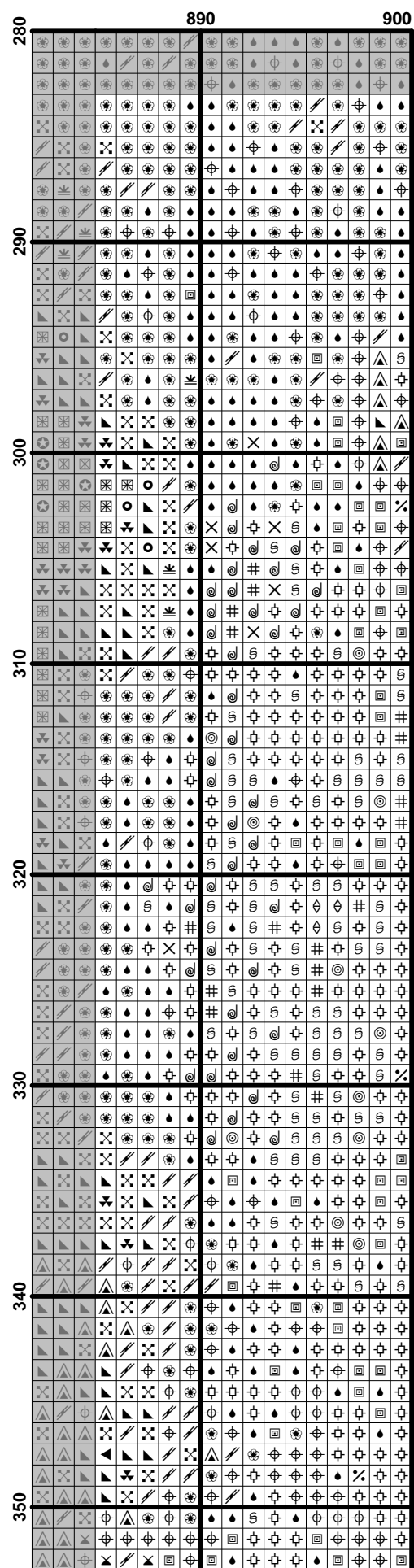




	740	750	760	770	780
280					
290					
300					
310					
320					
330					
340					
350					

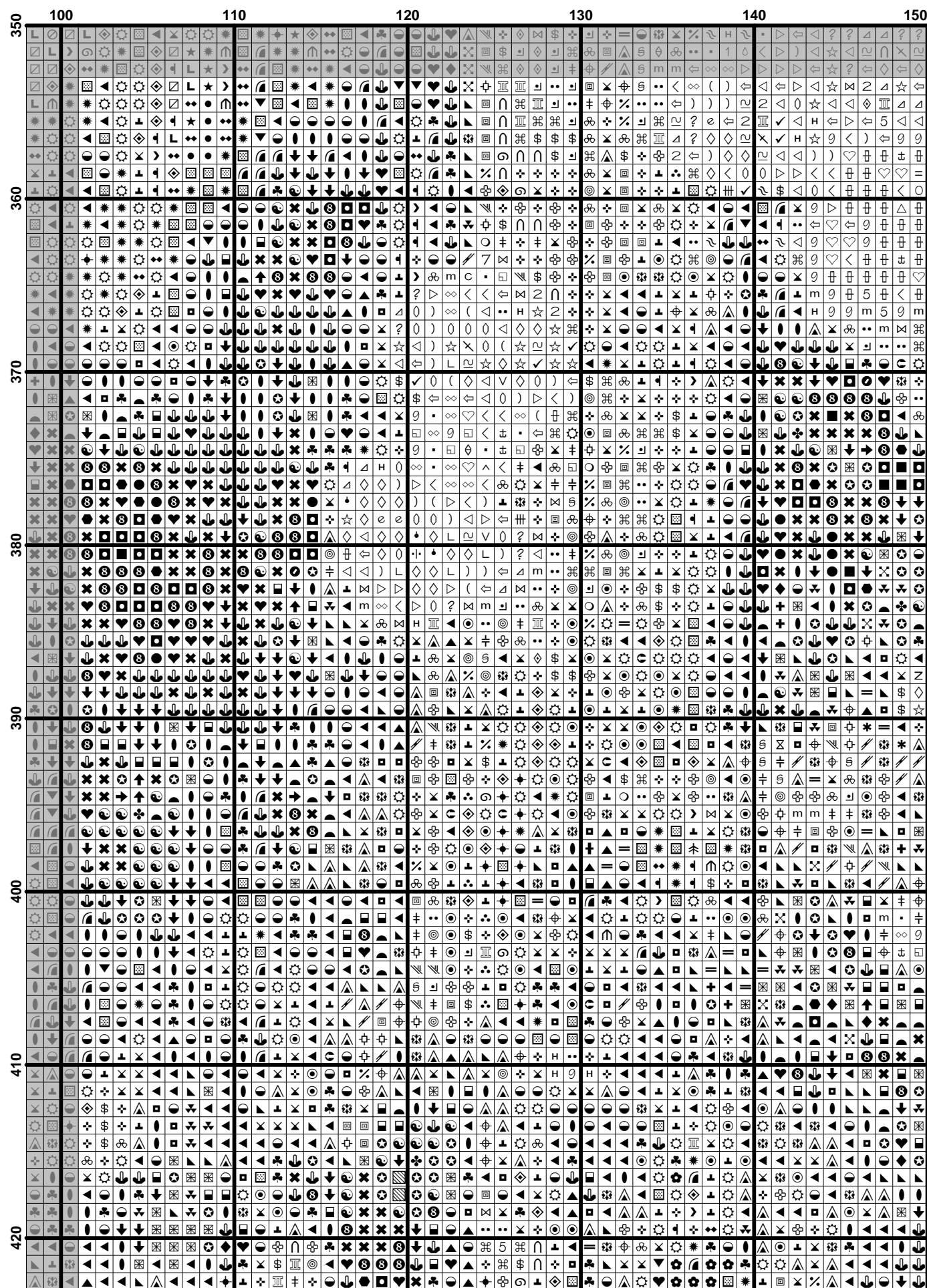






	10	20	30	40	50
350	⬅	⬅	⬅	⬅	⬅
360	⬅	⬅	⬅	⬅	⬅
370	⬅	⬅	⬅	⬅	⬅
380	⬅	⬅	⬅	⬅	⬅
390	⬅	⬅	⬅	⬅	⬅
400	⬅	⬅	⬅	⬅	⬅
410	⬅	⬅	⬅	⬅	⬅
420	⬅	⬅	⬅	⬅	⬅

	50	60	70	80	90	100
350	△	△	△	△	△	△
360	△	△	△	△	△	△
370	△	△	△	△	△	△
380	△	△	△	△	△	△
390	△	△	△	△	△	△
400	△	△	△	△	△	△
410	△	△	△	△	△	△
420	△	△	△	△	△	△



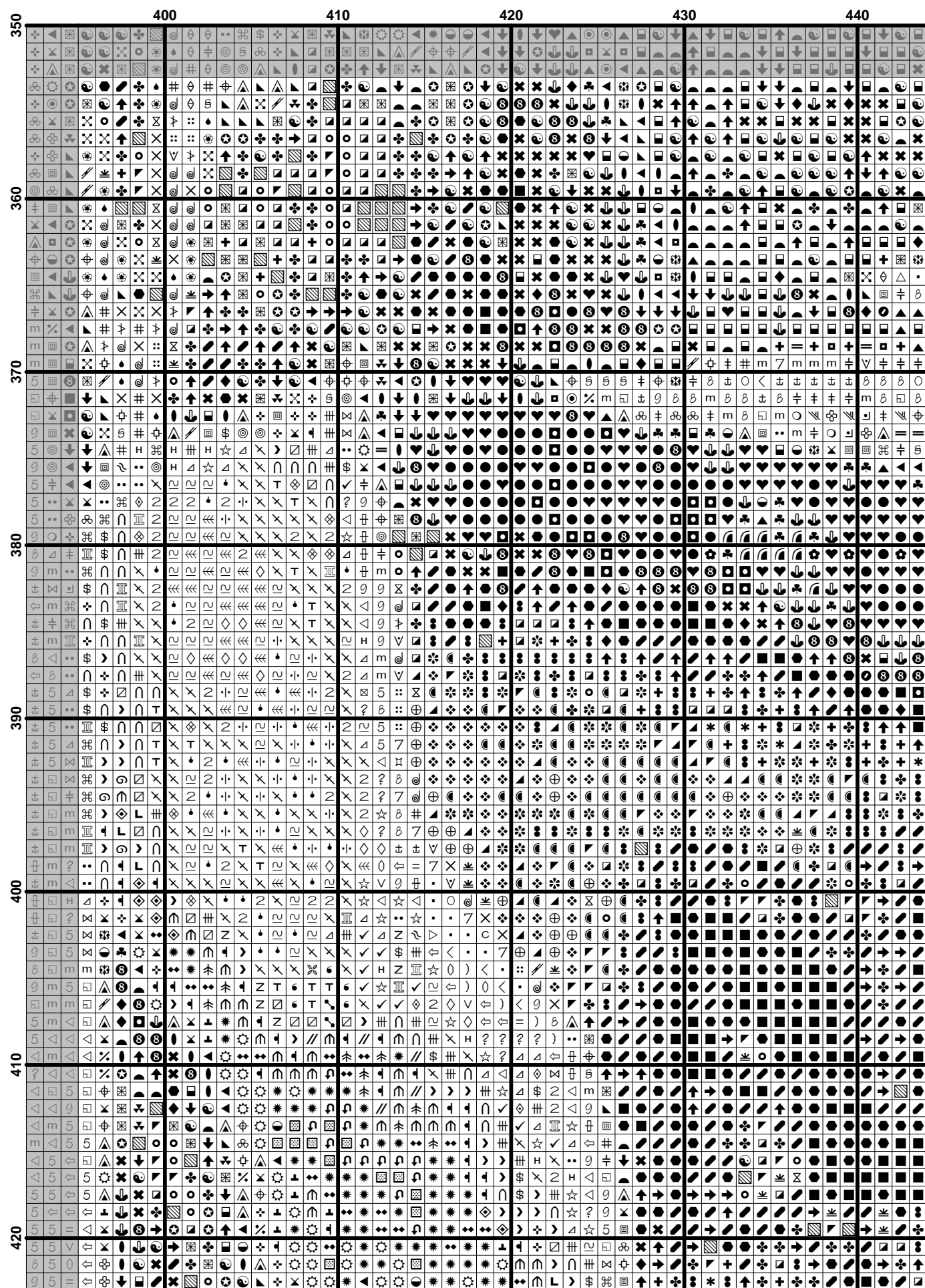
	150	160	170	180	190
350					
360					
370					
380					
390					
400					
410					
420					

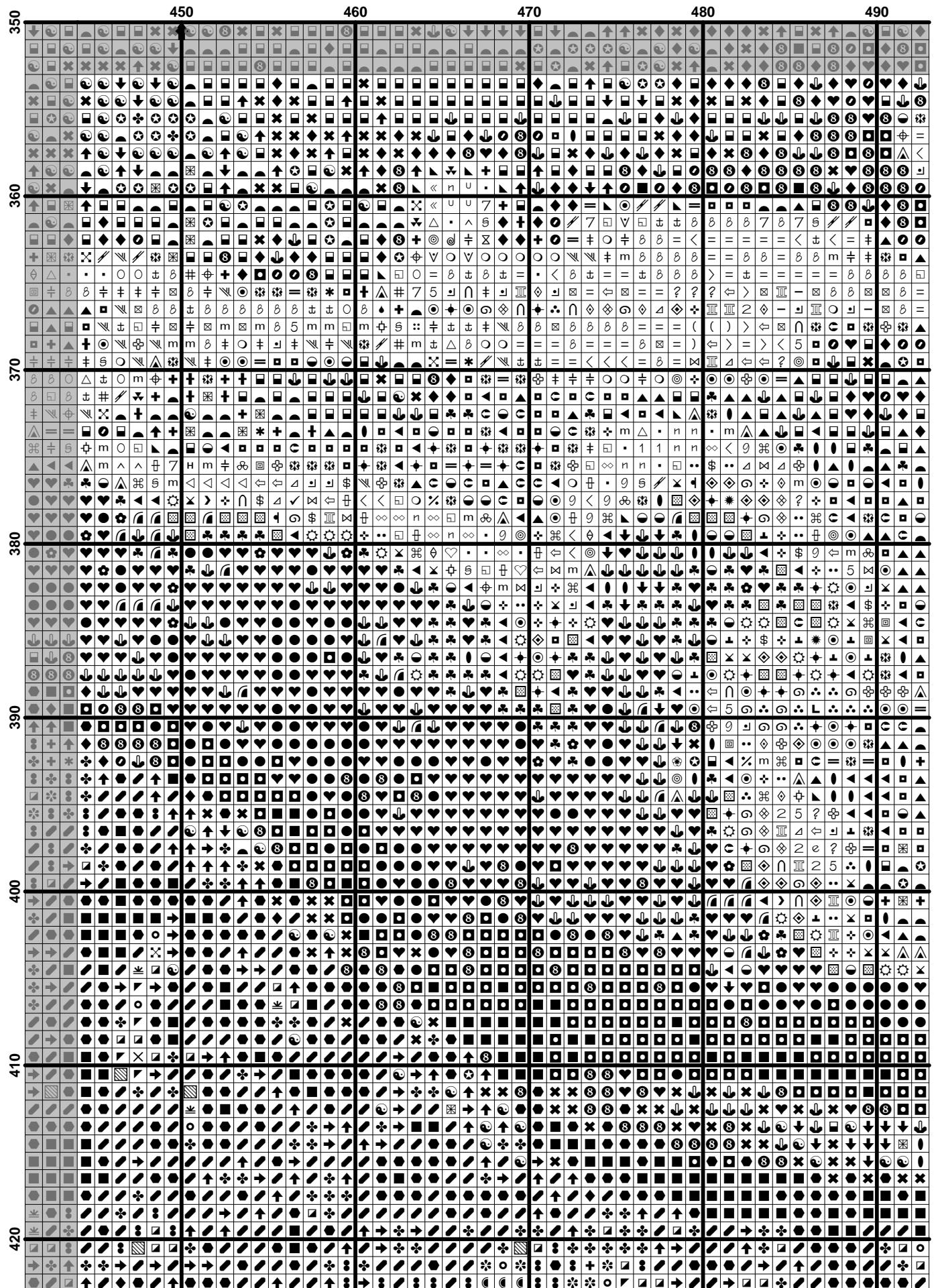
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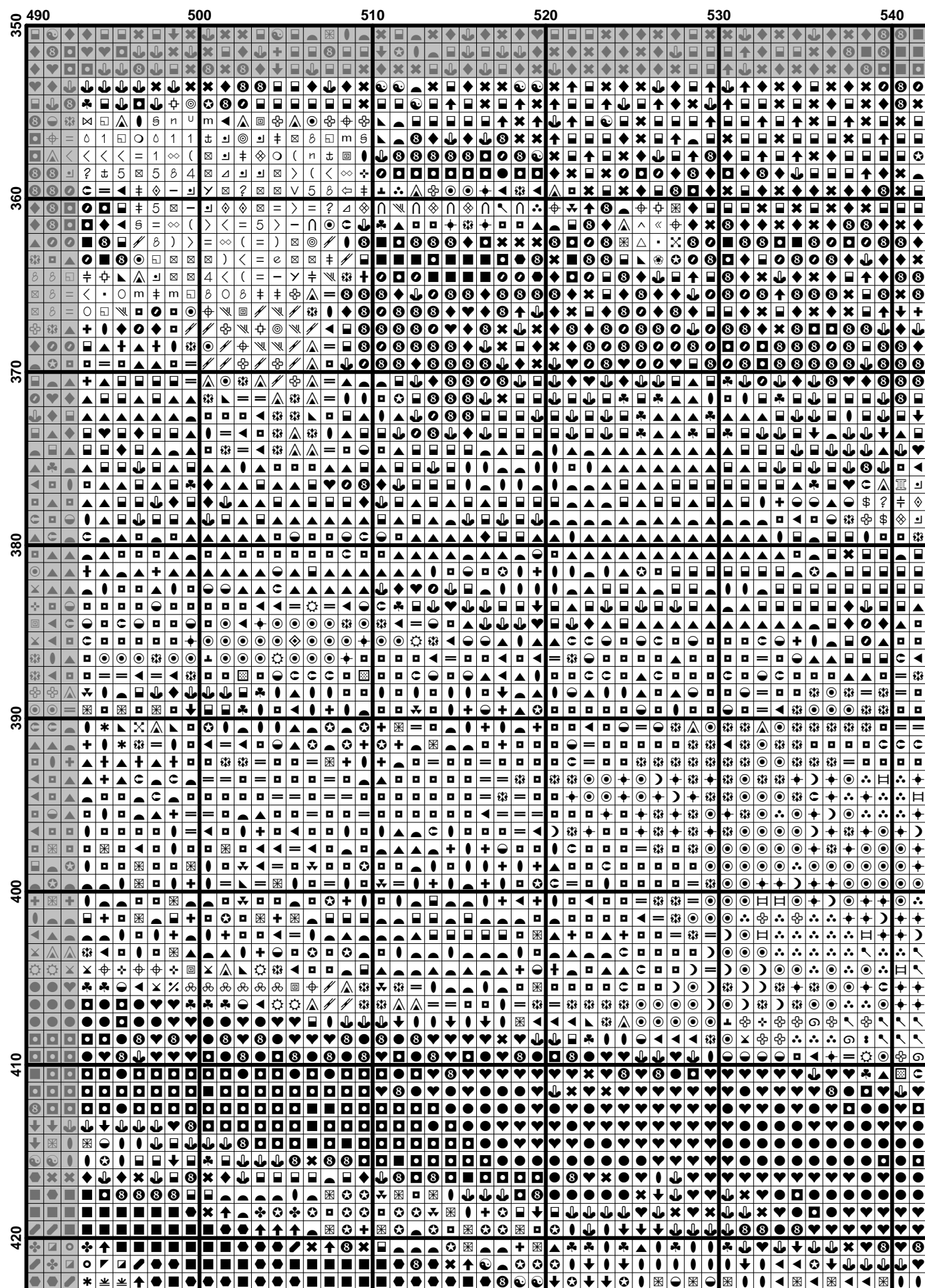
(121)

	300	310	320	330	340
350	?	?	?	?	?
360	?	?	?	?	?
370	?	?	?	?	?
380	?	?	?	?	?
390	?	?	?	?	?
400	?	?	?	?	?
410	?	?	?	?	?
420	?	?	?	?	?

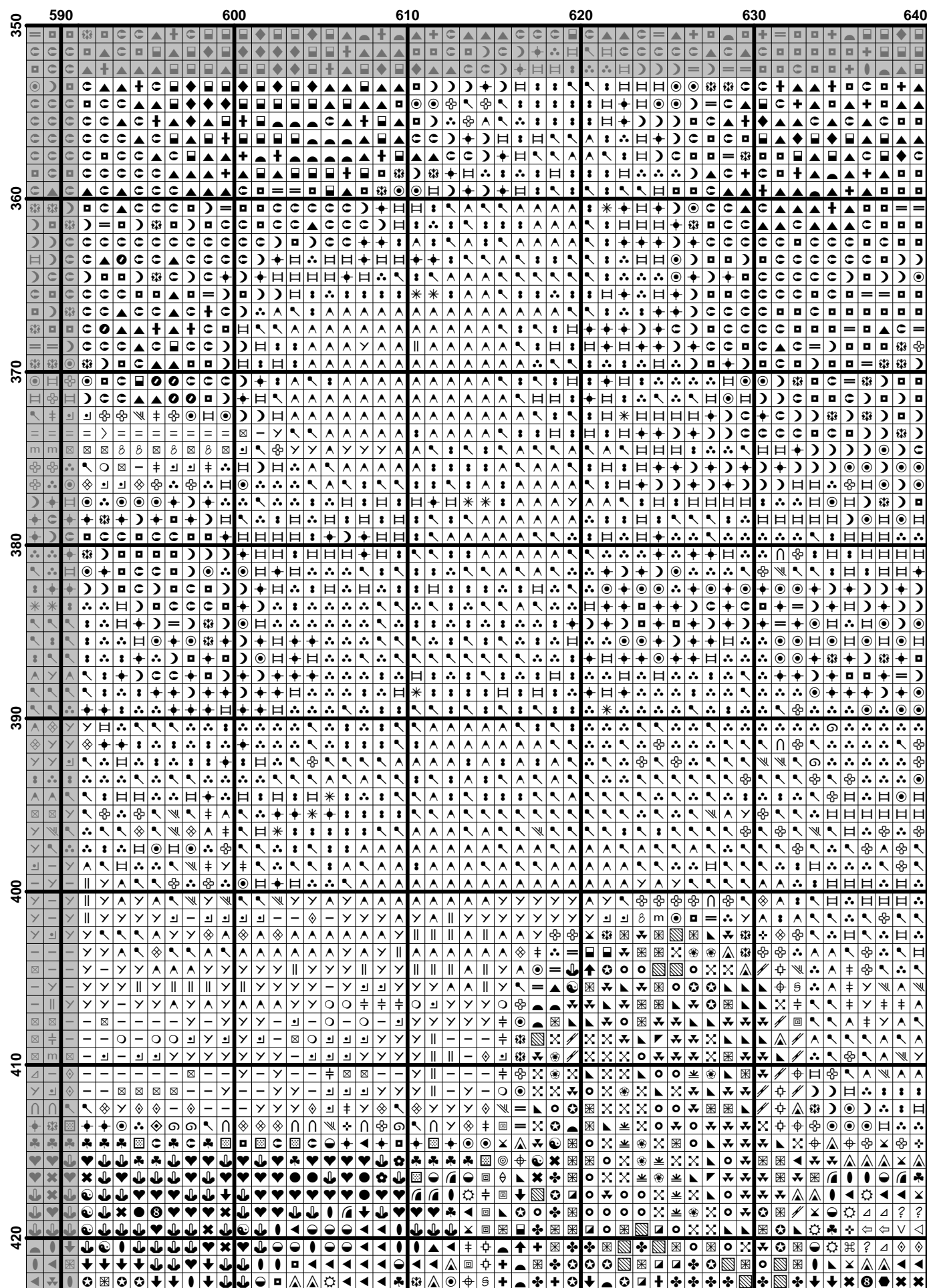
(123)







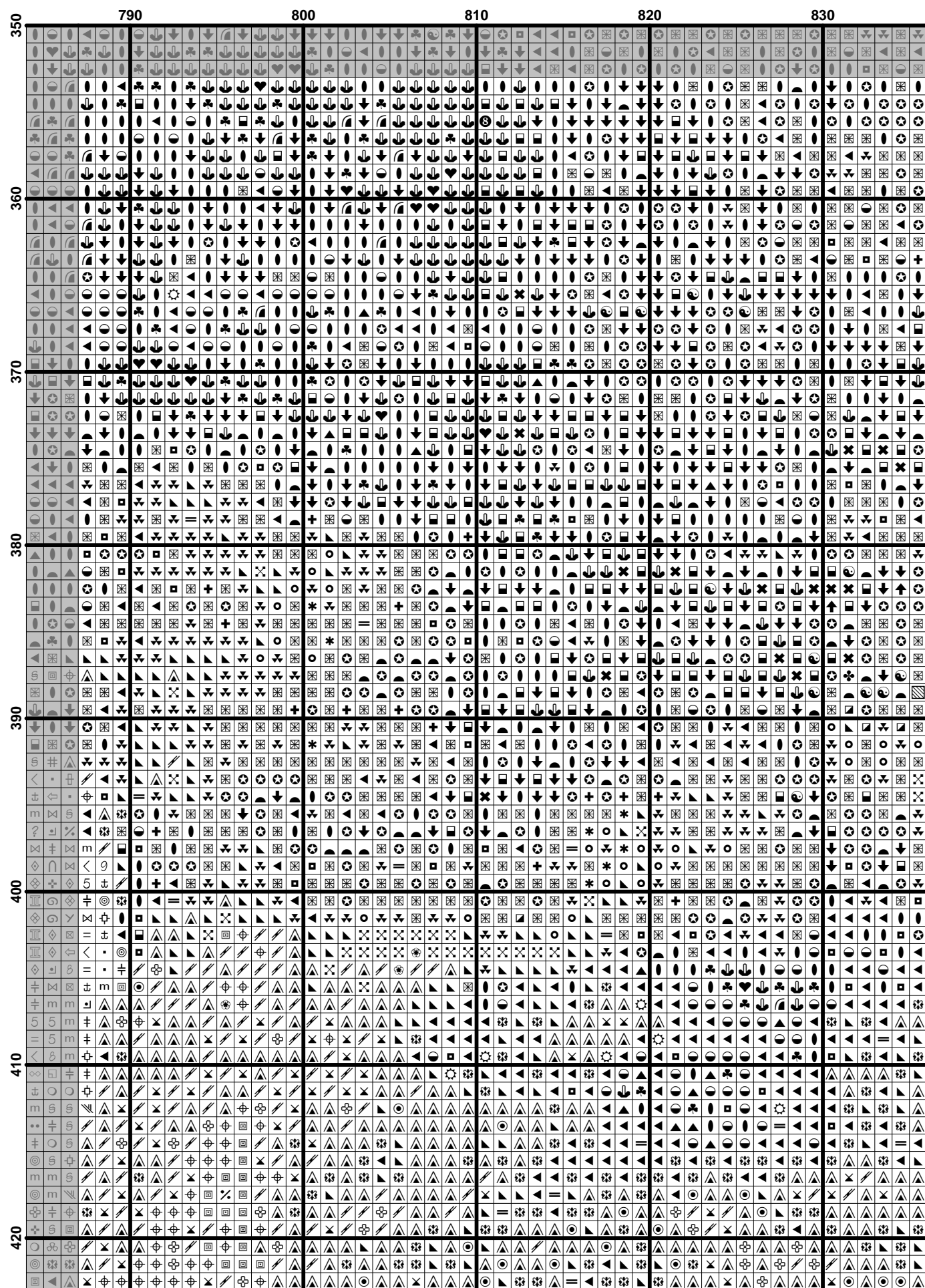
	540	550	560	570	580	590
350	⬆	⬆	⬆	⬆	⬆	⬆
360	⬆	⬆	⬆	⬆	⬆	⬆
370	⬆	⬆	⬆	⬆	⬆	⬆
380	⬆	⬆	⬆	⬆	⬆	⬆
390	⬆	⬆	⬆	⬆	⬆	⬆
400	⬆	⬆	⬆	⬆	⬆	⬆
410	⬆	⬆	⬆	⬆	⬆	⬆
420	⬆	⬆	⬆	⬆	⬆	⬆

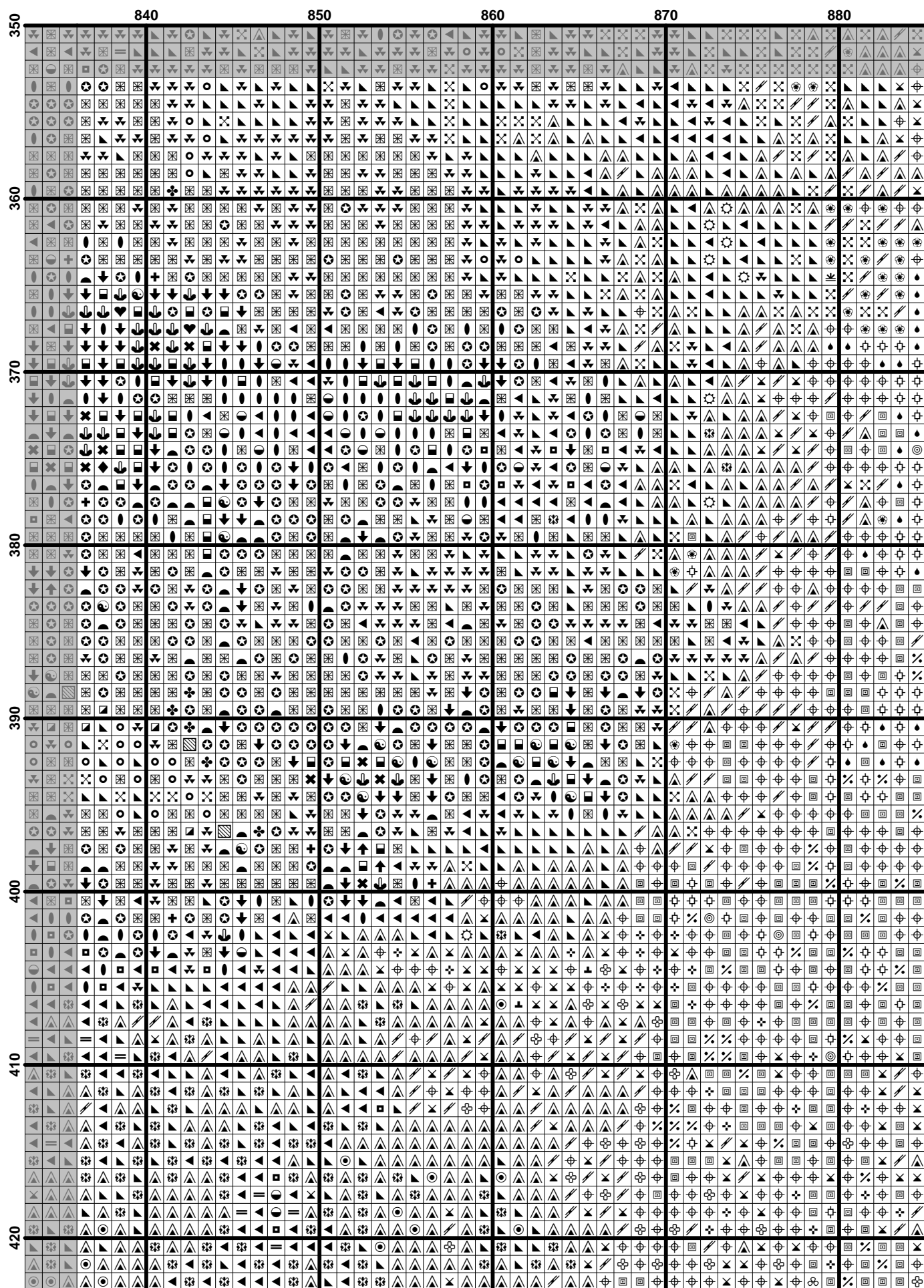


	640	650	660	670	680
350					
360					
370					
380					
390					
400					
410					
420					

	690	700	710	720	730
350
360
370
380
390
400
410
420

	740	750	760	770	780
350
360
370
380
390
400
410
420

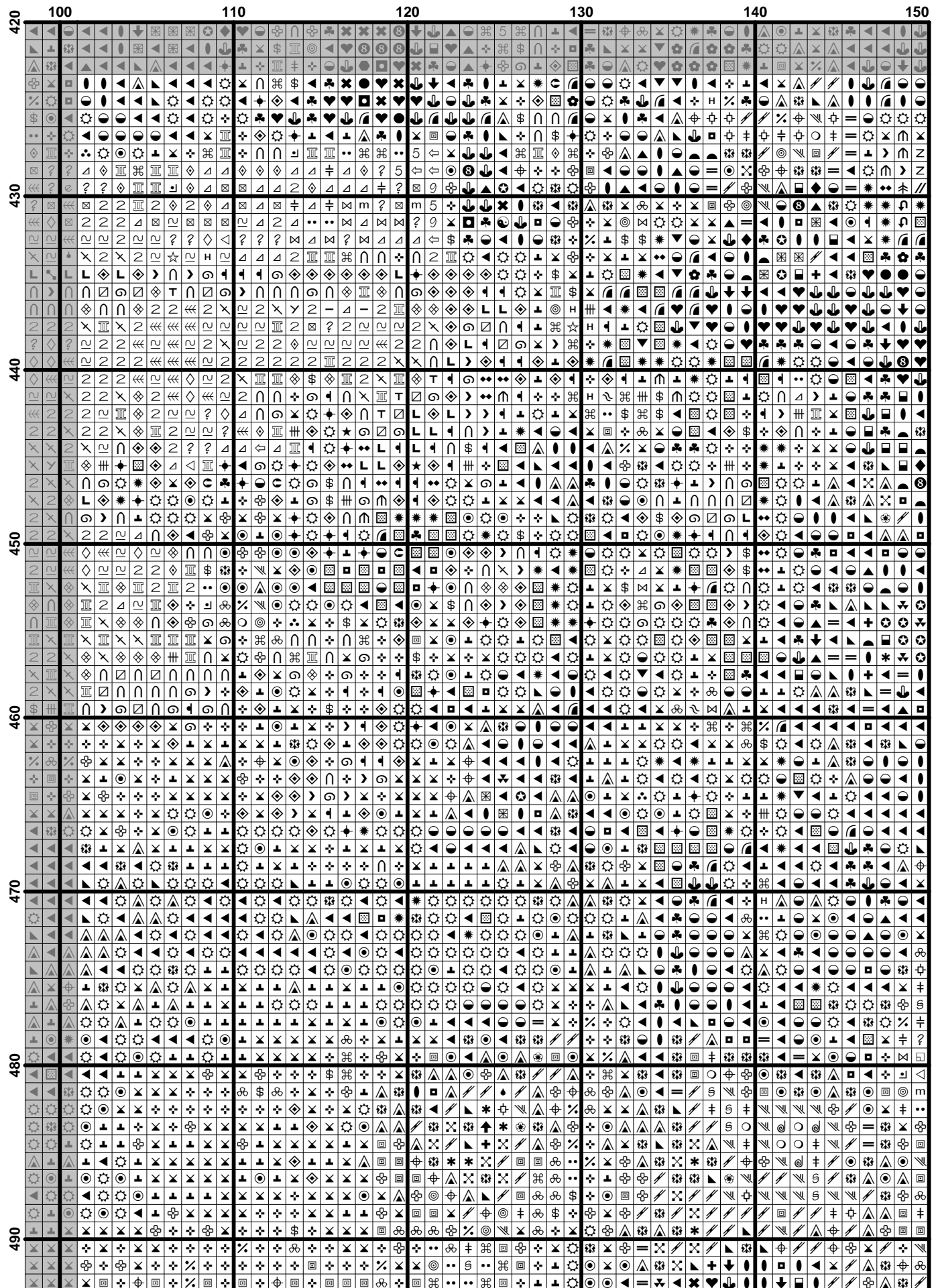




(133)

(135)

(136)



	150	160	170	180	190
420					
430					
440					
450					
460					
470					
480					
490					

	200	210	220	230	240
420					
430					
440					
450					
460					
470					
480					
490					

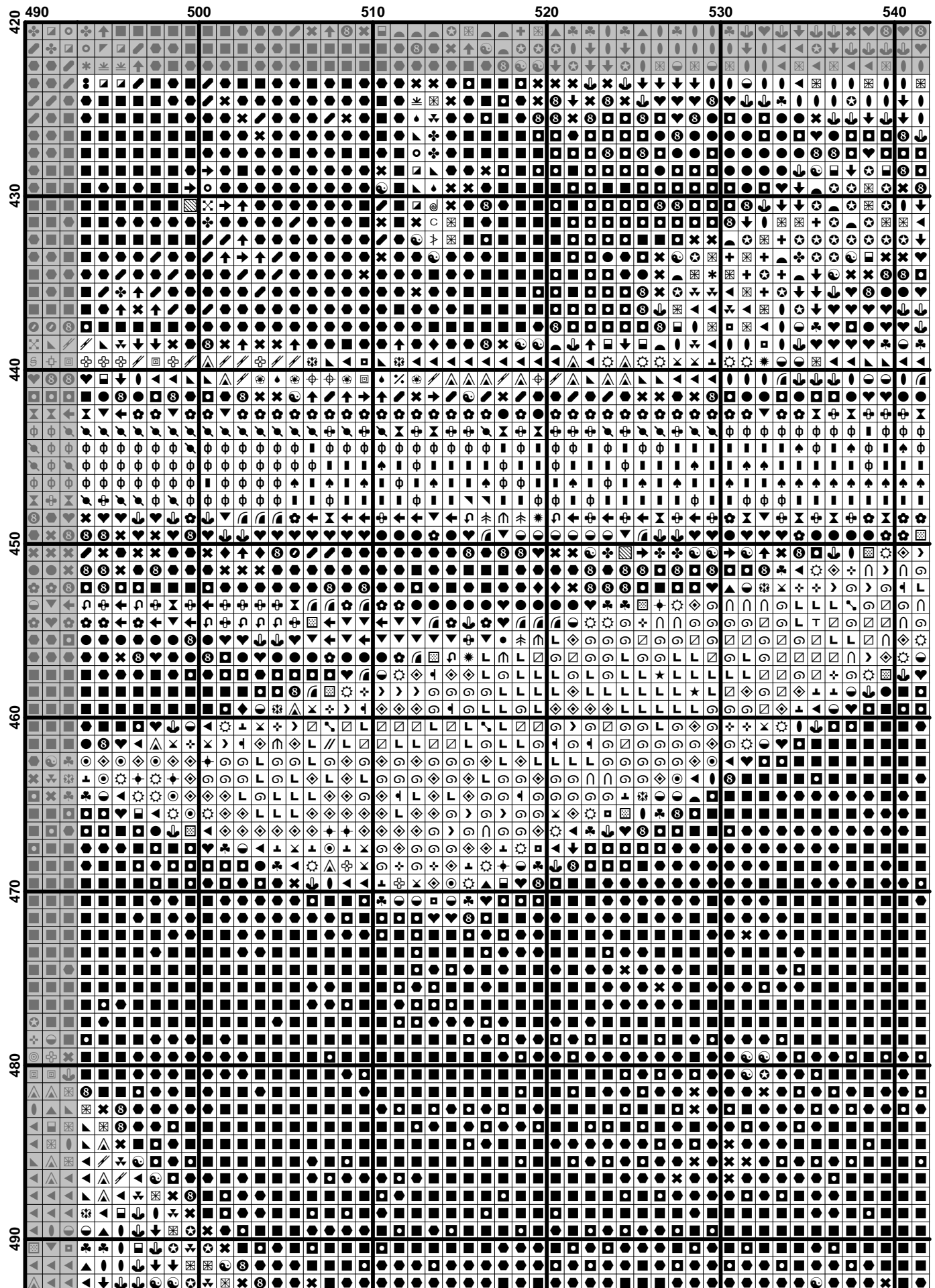
	250	260	270	280	290
420	⬆	⬆	⬆	⬆	⬆
430	⬆	⬆	⬆	⬆	⬆
440	⬆	⬆	⬆	⬆	⬆
450	⬆	⬆	⬆	⬆	⬆
460	⬆	⬆	⬆	⬆	⬆
470	⬆	⬆	⬆	⬆	⬆
480	⬆	⬆	⬆	⬆	⬆
490	⬆	⬆	⬆	⬆	⬆

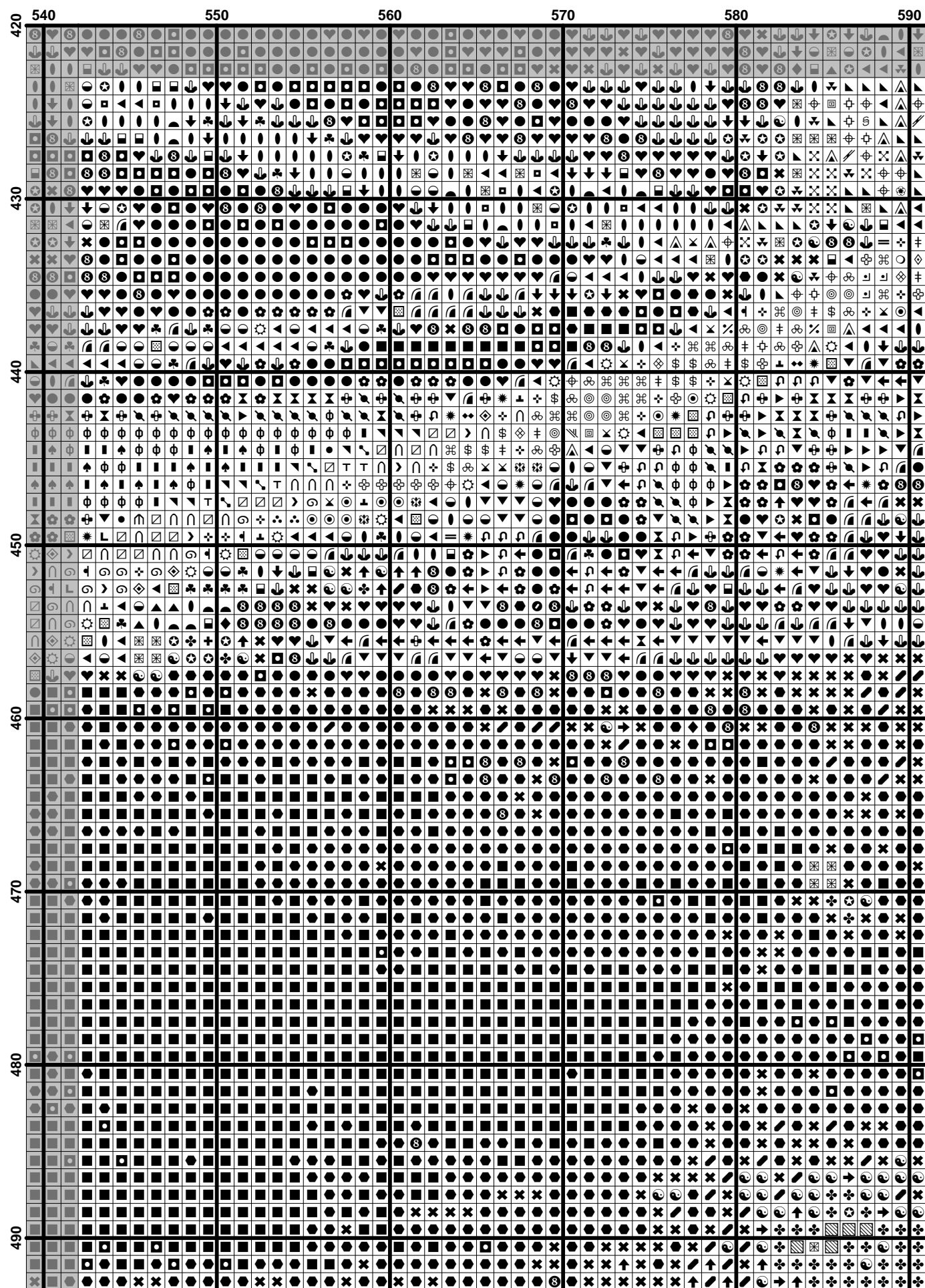
(141)

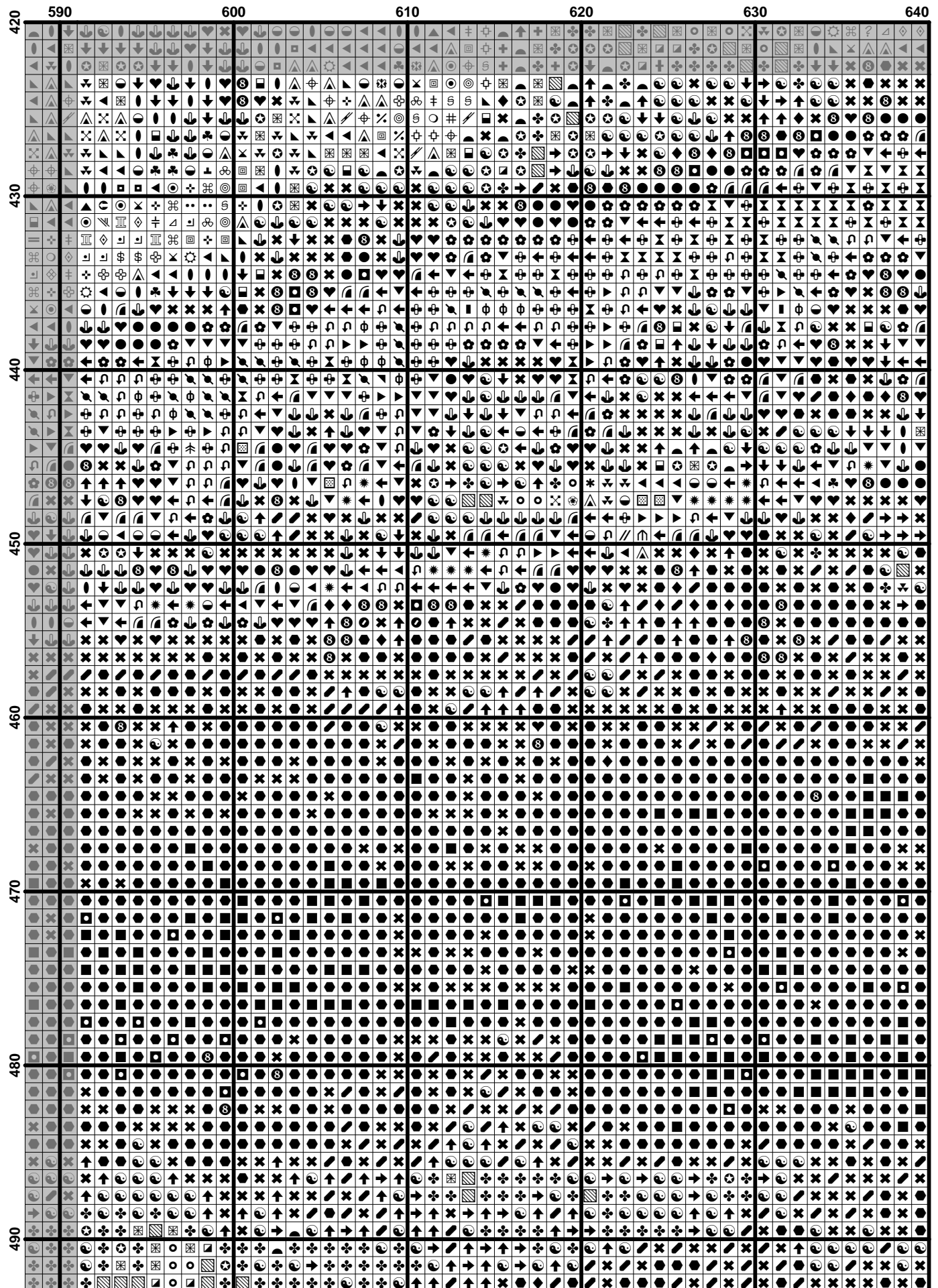
	350	360	370	380	390
420					
430					
440					
450					
460					
470					
480					
490					

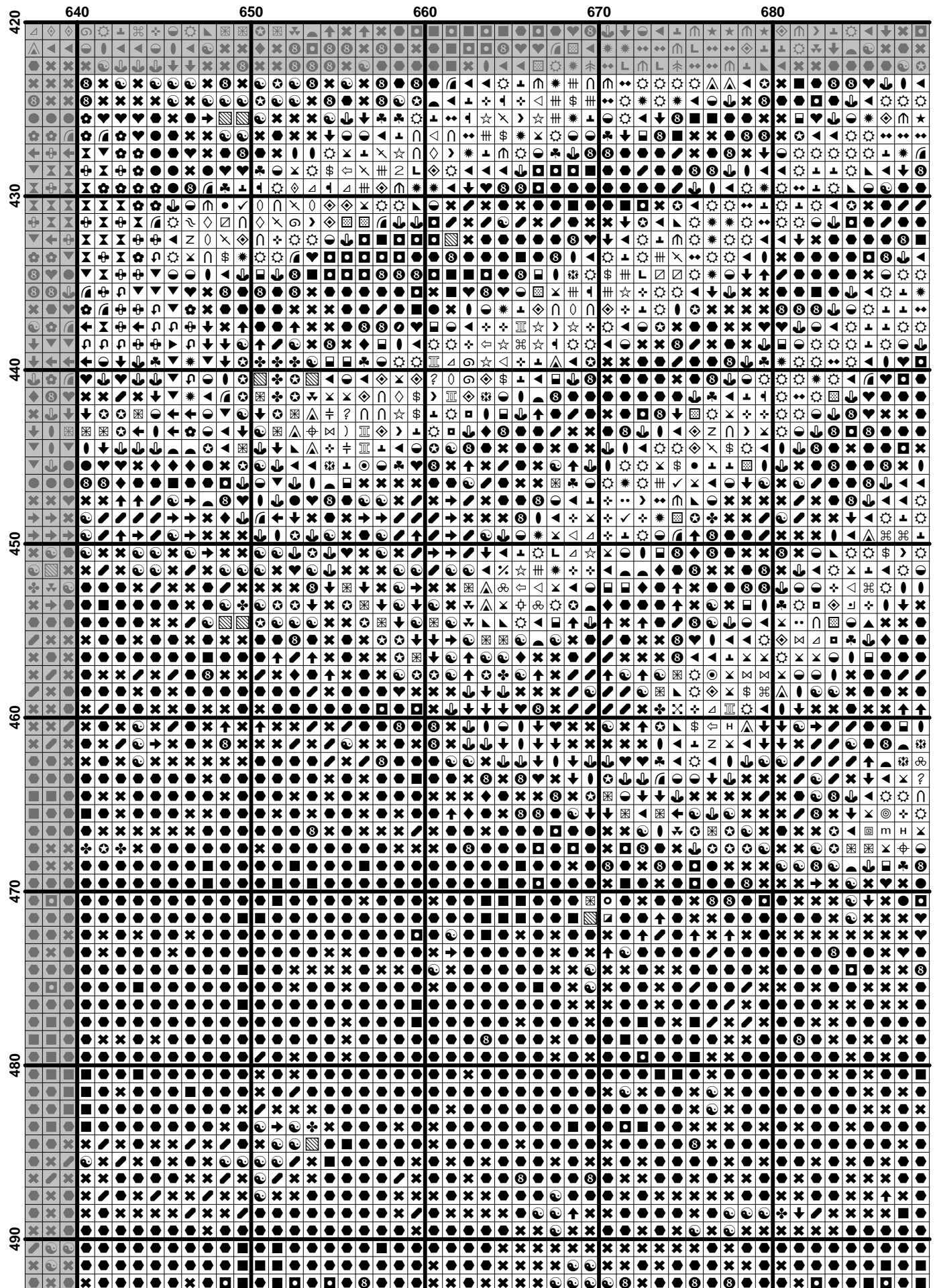
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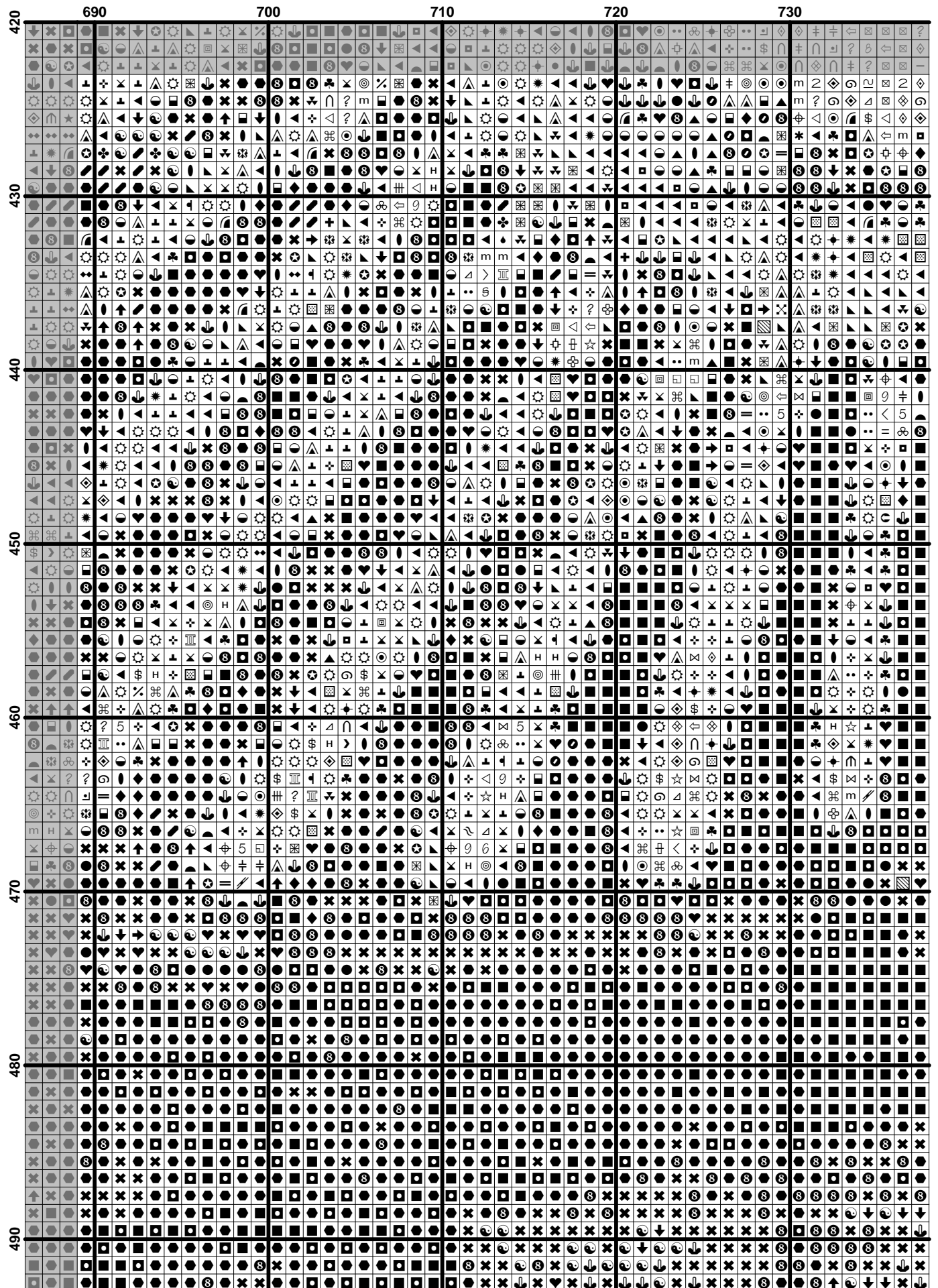












	740	750	760	770	780
420
430
440
450
460
470
480
490

	790	800	810	820	830
420
430
440
450
460
470
480
490

(152)

(152)

[illegible]

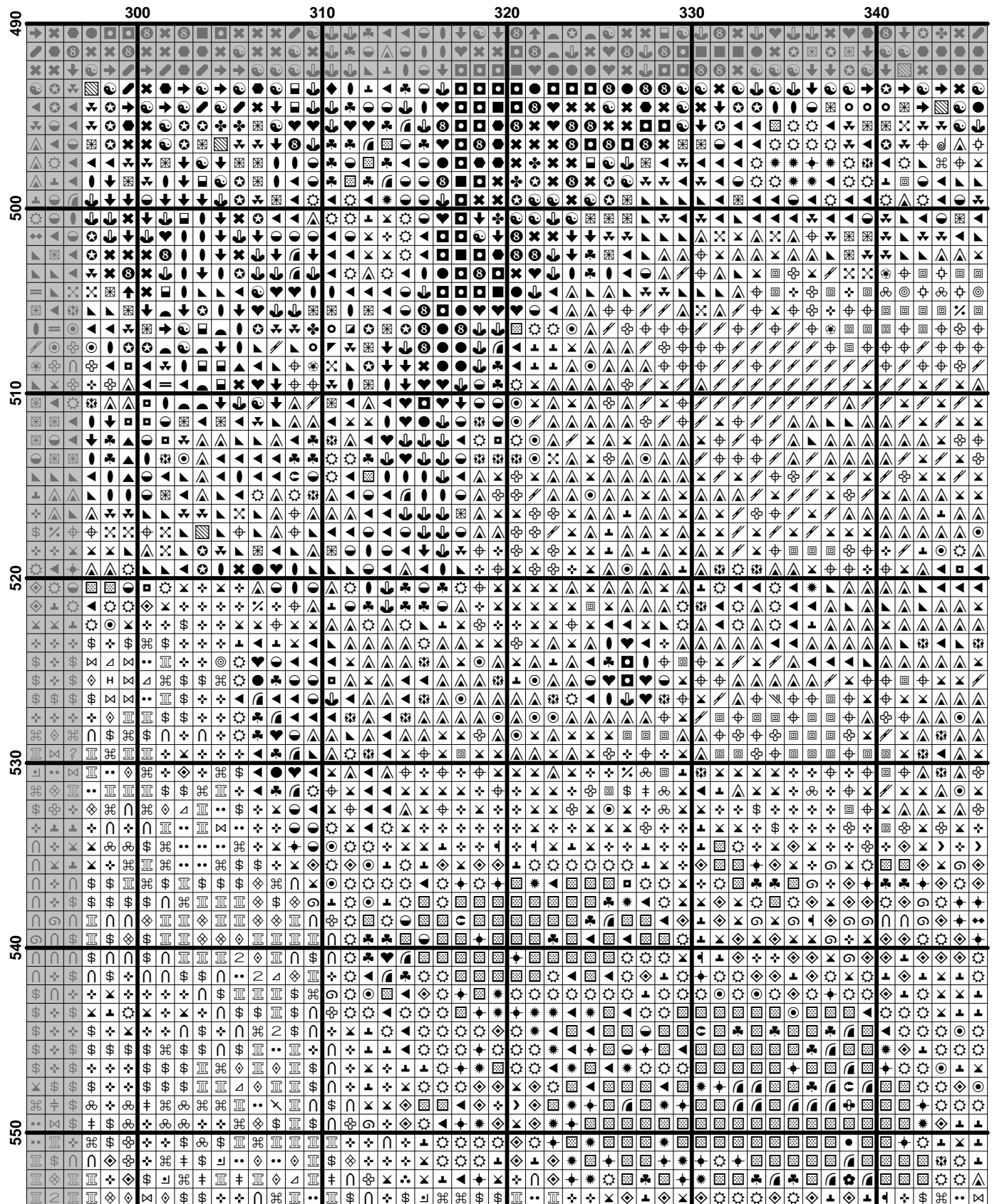
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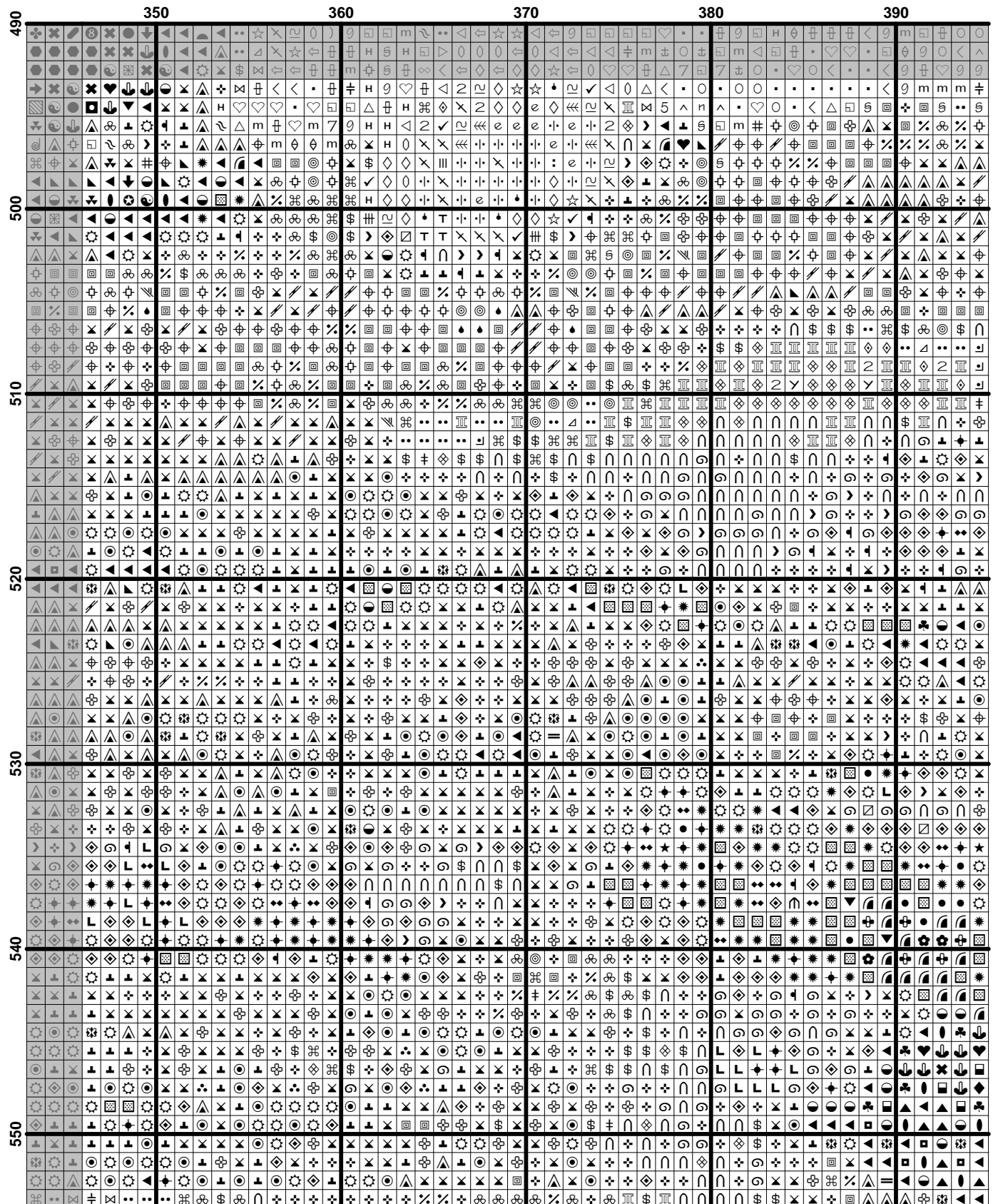
[illegible]

	150	160	170	180	190
490					
500					
510					
520					
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550					

	200										210										220										230										240																			
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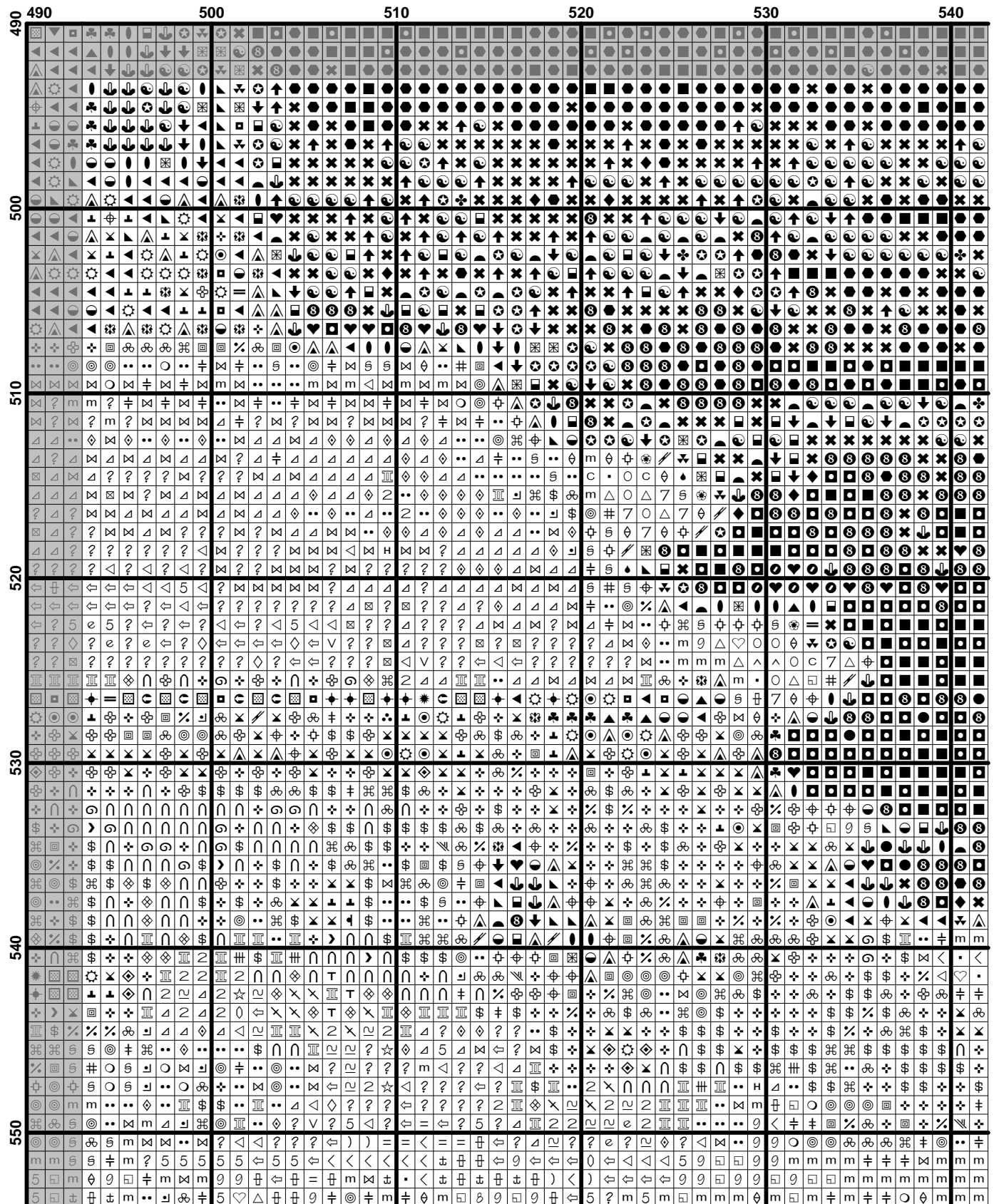
	250										260										270										280										290									
490																																																		
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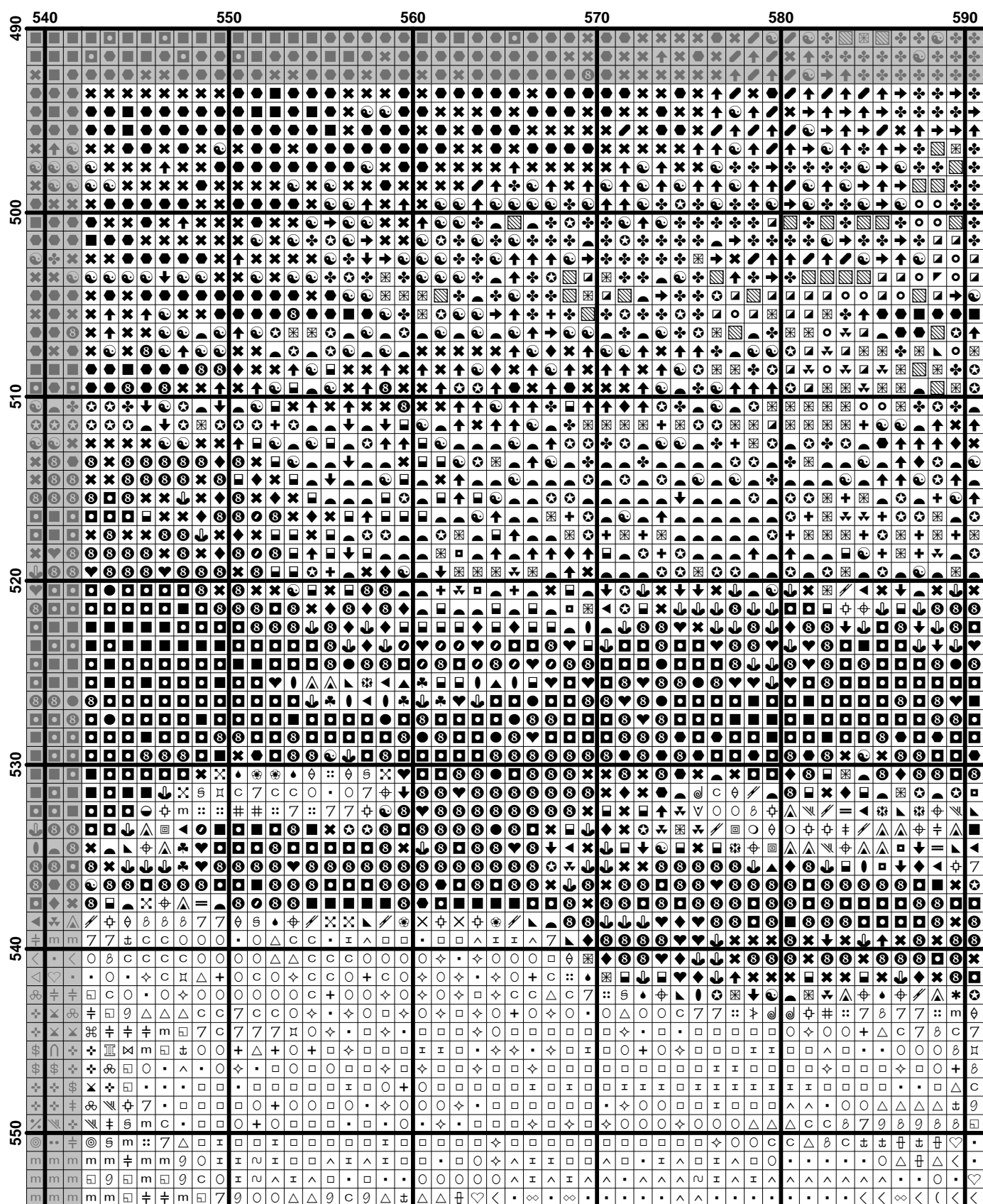


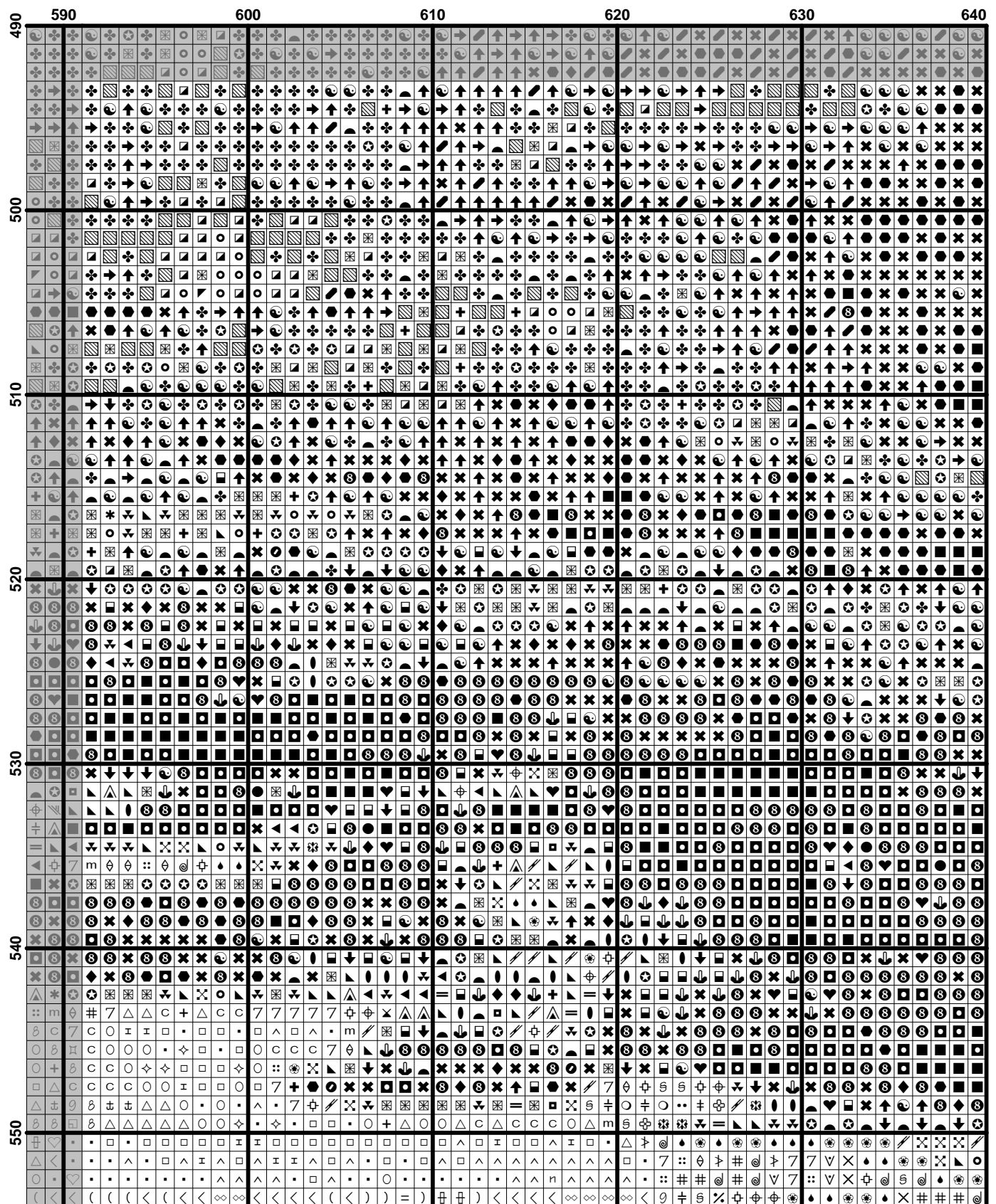


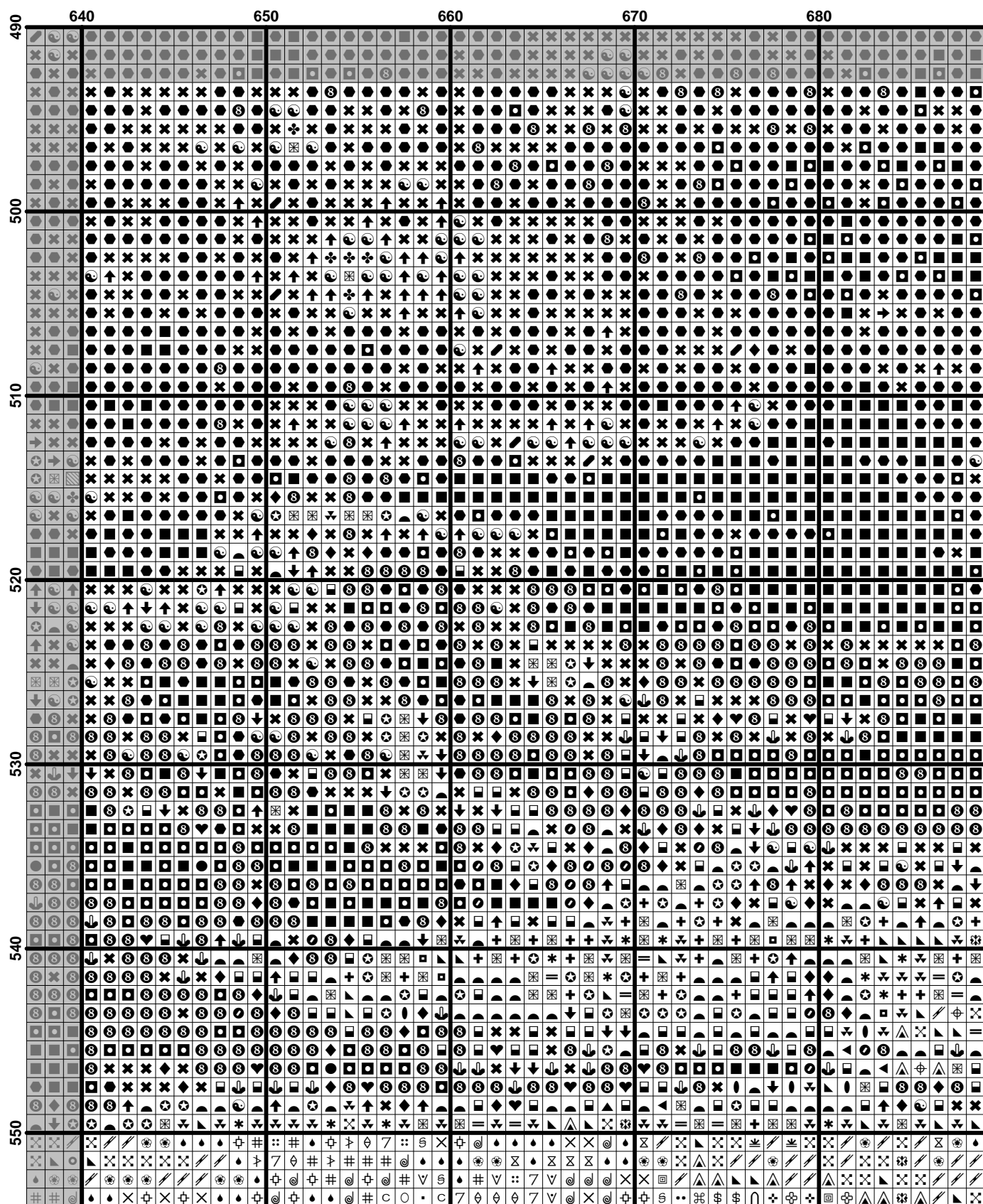
	400	410	420	430	440
490					
500					
510					
520					
530					
540					
550					

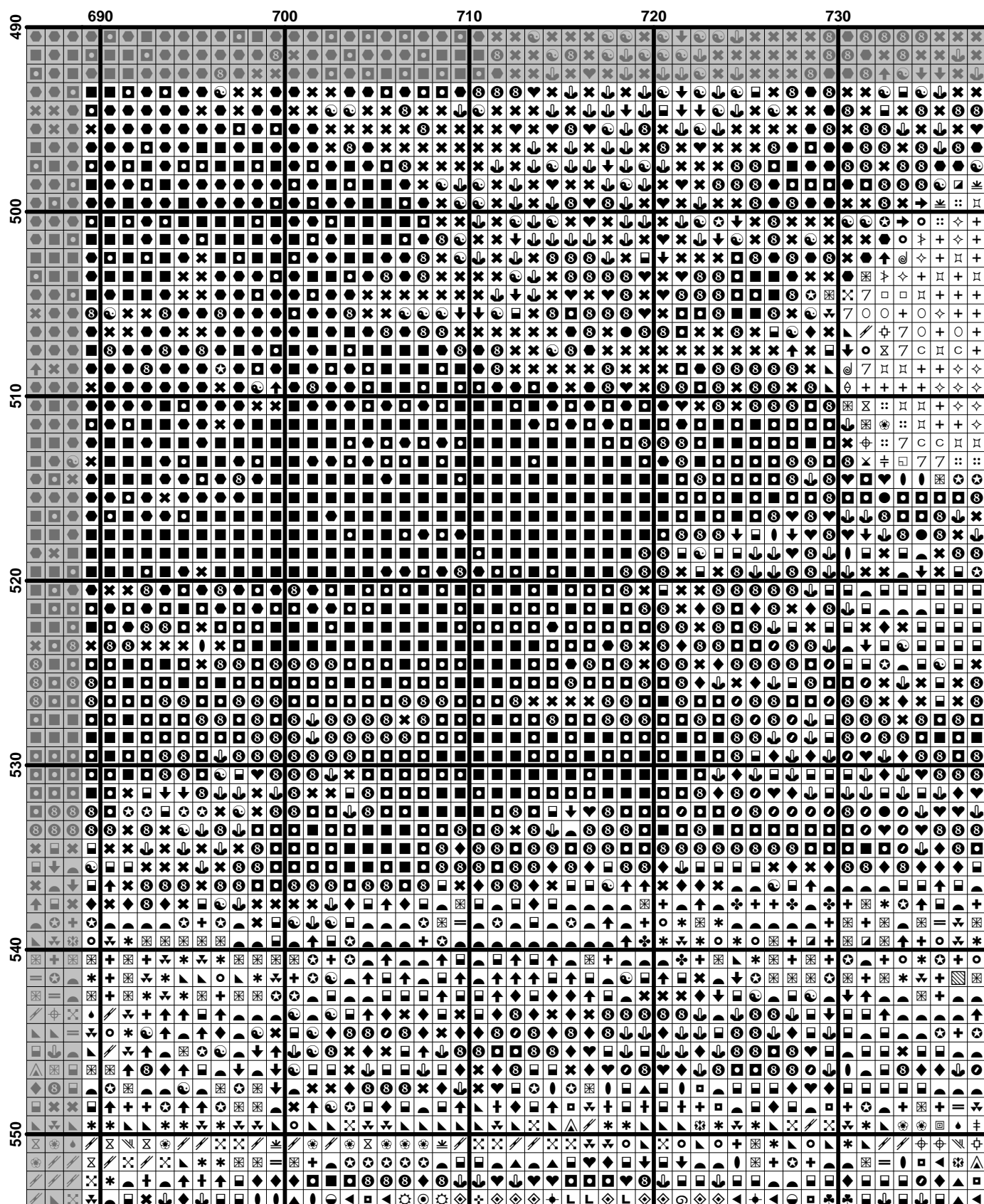
	450															460															470															480															490														
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