

926 The Valkyrie's Vigil



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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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The Valkyrie's Vigil

Stitch Count	
Horizontal:	440
Vertical:	674

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:	80	31.33	123	48.05	70	27.42	107	42.04	62	24.375	95	37.375
Including Margins:	96	38	139	55	86	34	123	49	78	31	111	44
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	112	43.86	172	67.27	93	36.55	143	56.05	46	18.27	71	28.02
Including Margins:	128	50	188	74	109	43	159	63	62	25	87	35
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	44	17.54	68	26.9	43	16.87	66	25.87	41	16.24	63	24.91
Including Margins:	60	24	84	33	59	23	82	32	57	23	79	31
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	40	15.66	61	24.02	37	14.62	57	22.42	35	13.7	53	21.02
Including Margins:	56	22	77	31	53	21	73	29	51	20	69	28

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
∞	1	White 1
■	310	Black
▨	312	Baby Blue-VY DK
⚭	317	Pewter Gray
↑	318	Steel Gray-LT
✕	322	Baby Blue-DK
↘	334	Baby Blue-MD
↖	341	Blue Violet-LT
♣	413	Pewter Gray -DK
△	415	Pearl Gray
⊙	452	Shell Gray-MD
<	453	Shell Gray-LT
■	500	Blue Green-VY DK
▴	517	Wedgewood-DK
⋈	518	Wedgewood-LT
○	519	Sky Blue
⇒	524	Fern Green-VY LT
■	535	Ash Gray-VY LT
5	543	Beige Brown-UL VY LT
▷	613	Drab Brown-VY LT
⚭	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
☆	712	Cream
c	746	Off White
g	747	Sky Blue-VY LT
◇	762	Pearl Gray-VY LT
β	775	Baby Blue-VY LT
**	793	Cornflower Blue-MD
▲	794	Cornflower Blue-LT
⊙	799	Delft Blue-MD
○	800	Delft Blue-Pale
=	809	Delft Blue
⊕	813	Blue-LT
::	819	Baby Pink-LT
•	822	Beige Gray-LT
□	826	Blue-MD

2	827	Blue-VY LT
H	841	Beige Brown-LT
L	842	Beige Brown-VY LT
⌘	844	Beaver Brown-UL DK
●	924	Gray Green-VY DK
▲	926	Gray Green-MD
+	927	Gray Green-LT
⇄	928	Gray Green-VY LT
←	930	Antique Blue-DK
⊕	931	Antique Blue-MD
•	932	Antique Blue-LT
●	934	Black Avocado Green
♥	935	Avocado Green-DK
⊕	948	Peach-VY LT
✕	3021	Brown Gray-VY DK
✕	3022	Brown Gray-MD
←	3023	Brown Gray-LT
↘	3024	Brown Gray-VY LT
α	3072	Beaver Gray-VY LT
7	3325	Baby Blue-LT
1	3743	Antique Violet-VY LT
5	3747	Blue Violet-VY LT
↓	3750	Antique Blue-VY DK
	3752	Antique Blue-VY LT
∞	3753	Antique Blue-UL VY LT
ρ	3755	Baby Blue
(3756	Baby Blue-UL VY LT
✕	3760	Wedgewood-MD
✓	3761	Sky Blue-LT
//	3766	Peacock Blue-LT
≡	3770	Tawny-VY LT
>	3774	Desert Sand-VY LT
∞	3782	Mocha Brown-LT
■	3787	Brown Gray-DK
●	3799	Pewter Gray-VY DK
▲	3838	Lavender Blue-DK
τ	3839	Lavender Blue-MD
n	3840	Lavender Blue-LT
○	3841	Baby Blue-Pale
⌘	3864	Mocha Beige-LT
♡	3865	Winter White
)	3866	Mocha Brown-UL VY LT
^	Ecru	Ecru

Blend Stitches. Use one strand of each of DMC1 and DMC2 for these stitches.				
Symbol	DMC1	Name1	DMC2	Name2
✕	503	Blue Green-MD	414	Steel Gray-DK
⚭	414	Steel Gray-DK	415	Pearl Gray
⊕	535	Ash Gray-VY LT	645	Beaver Gray-VY DK
⋈	414	Steel Gray-DK	927	Gray Green-LT
⚭	844	Beaver Brown-UL DK	3799	Pewter Gray-VY DK
?	3761	Sky Blue-LT	747	Sky Blue-VY LT

△	747	Sky Blue-VY LT	3865	Winter White
⦿	451	Shell Gray-DK	647	Beaver Gray-MD
⦿	415	Pearl Gray	932	Antique Blue-LT
⦿	318	Steel Gray-LT	415	Pearl Gray
⦿	931	Antique Blue-MD	932	Antique Blue-LT
⦿	3041	Antique Violet-MD	931	Antique Blue-MD
⦿	414	Steel Gray-DK	931	Antique Blue-MD
♠	317	Pewter Gray	926	Gray Green-MD
∩	317	Pewter Gray	318	Steel Gray-LT
◇	415	Pearl Gray	927	Gray Green-LT
6	3756	Baby Blue-UL VY LT	3865	Winter White
*	451	Shell Gray-DK	3861	Cocoa-LT
c	317	Pewter Gray	931	Antique Blue-MD
♣	312	Baby Blue-VY DK	517	Wedgewood-DK
⬆	3807	Cornflower Blue	3810	Turquoise-DK
+	3809	Turquoise-VY DK	312	Baby Blue-VY DK
	317	Pewter Gray	932	Antique Blue-LT
⊕	932	Antique Blue-LT	3807	Cornflower Blue
▶	312	Baby Blue-VY DK	322	Baby Blue-DK
☾	640	Beige Gray-VY DK	3787	Brown Gray -DK
u	415	Pearl Gray	3743	Antique Violet-VY LT
↖	414	Steel Gray-DK	318	Steel Gray-LT
●	317	Pewter Gray	414	Steel Gray-DK
⦿	793	Cornflower Blue-MD	414	Steel Gray-DK
	312	Baby Blue-VY DK	317	Pewter Gray
φ	312	Baby Blue-VY DK	931	Antique Blue-MD
m	793	Cornflower Blue-MD	932	Antique Blue-LT
4	793	Cornflower Blue-MD	927	Gray Green-LT
◁	312	Baby Blue-VY DK	930	Antique Blue-DK
▼	317	Pewter Gray	930	Antique Blue-DK
≡	930	Antique Blue-DK	931	Antique Blue-MD
∩	930	Antique Blue-DK	932	Antique Blue-LT
6	793	Cornflower Blue-MD	503	Blue Green-MD
↖	317	Pewter Gray	503	Blue Green-MD
♣	312	Baby Blue-VY DK	503	Blue Green-MD
∅	318	Steel Gray-LT	503	Blue Green-MD
#	3807	Cornflower Blue	931	Antique Blue-MD
⦿	3807	Cornflower Blue	3760	Wedgewood-MD
⦿	318	Steel Gray-LT	3807	Cornflower Blue
↖	317	Pewter Gray	340	Blue Violet-MD
٪	415	Pearl Gray	340	Blue Violet-MD
z	340	Blue Violet-MD	931	Antique Blue-MD
⦿	413	Pewter Gray -DK	924	Gray Green-VY DK
◇	793	Cornflower Blue-MD	3807	Cornflower Blue
/	3743	Antique Violet-VY LT	775	Baby Blue-VY LT
	932	Antique Blue-LT	312	Baby Blue-VY DK
☐	3807	Cornflower Blue	517	Wedgewood-DK
«	317	Pewter Gray	793	Cornflower Blue-MD
★	826	Blue-MD	799	Delft Blue-MD
∩	517	Wedgewood-DK	826	Blue-MD
☐	793	Cornflower Blue-MD	517	Wedgewood-DK
⦿	318	Steel Gray-LT	517	Wedgewood-DK
⦿	414	Steel Gray-DK	3752	Antique Blue-VY LT
↑	318	Steel Gray-LT	3752	Antique Blue-VY LT
∇	932	Antique Blue-LT	3752	Antique Blue-VY LT
⦿	414	Steel Gray-DK	3807	Cornflower Blue
◎	3752	Antique Blue-VY LT	340	Blue Violet-MD
⊗	793	Cornflower Blue-MD	340	Blue Violet-MD
↗	932	Antique Blue-LT	340	Blue Violet-MD

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±	927	Gray Green-LT	340	Blue Violet-MD
●	317	Pewter Gray	3768	Gray Green-DK
♦♦	826	Blue-MD	793	Cornflower Blue-MD
○	317	Pewter Gray	826	Blue-MD
✱	826	Blue-MD	931	Antique Blue-MD
✦	312	Baby Blue-VY DK	826	Blue-MD
田	3768	Gray Green-DK	793	Cornflower Blue-MD
▲	930	Antique Blue-DK	3807	Cornflower Blue
∴	318	Steel Gray-LT	3810	Turquoise-DK
♣	340	Blue Violet-MD	597	Turquoise
✕	826	Blue-MD	334	Baby Blue-MD
⊠	799	Delft Blue-MD	813	Blue-LT
◎	3809	Turquoise-VY DK	809	Delft Blue
▴	826	Blue-MD	3807	Cornflower Blue
✱	793	Cornflower Blue-MD	3809	Turquoise-VY DK
田	3768	Gray Green-DK	3041	Antique Violet-MD
⊕	414	Steel Gray-DK	930	Antique Blue-DK
●	3807	Cornflower Blue	3808	Turquoise-UL VY DK
⊕	3807	Cornflower Blue	3809	Turquoise-VY DK
≡	793	Cornflower Blue-MD	3808	Turquoise-UL VY DK
田	312	Baby Blue-VY DK	3041	Antique Violet-MD
÷	793	Cornflower Blue-MD	3041	Antique Violet-MD
✱	3807	Cornflower Blue	3041	Antique Violet-MD
■	311	Navy Blue-MD	3041	Antique Violet-MD
⊕	3041	Antique Violet-MD	322	Baby Blue-DK
●	823	Navy Blue-DK	935	Avocado Green-DK
✱	935	Avocado Green-DK	3799	Pewter Gray -VY DK
○	934	Black Avocado Green	3799	Pewter Gray -VY DK
◆	3750	Antique Blue-VY DK	930	Antique Blue-DK
⋮	3750	Antique Blue-VY DK	3041	Antique Violet-MD
⊗	823	Navy Blue-DK	924	Gray Green-VY DK
⊕	413	Pewter Gray -DK	930	Antique Blue-DK
✕	3750	Antique Blue-VY DK	924	Gray Green-VY DK
➔	924	Gray Green-VY DK	930	Antique Blue-DK
↓	312	Baby Blue-VY DK	924	Gray Green-VY DK
▮	317	Pewter Gray	924	Gray Green-VY DK
▼	317	Pewter Gray	3022	Brown Gray -MD
田	932	Antique Blue-LT	3041	Antique Violet-MD
➤	3809	Turquoise-VY DK	3041	Antique Violet-MD
♠	1	White 1	747	Sky Blue-VY LT
L	826	Blue-MD	3843	Electric Blue
↑	311	Navy Blue-MD	312	Baby Blue-VY DK
↓	3023	Brown Gray-LT	3861	Cocoa-LT
0	524	Fern Green-VY LT	644	Beige Gray-MD
⊗	3865	Winter White	1	White 1
♣	809	Delft Blue	3839	Lavender Blue-MD
—	3747	Blue Violet-VY LT	318	Steel Gray-LT
3	3811	Turquoise-VY LT	3752	Antique Blue-VY LT

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	
1	White 1	287	112	273	107	246	96
310	Black	484	190	461	181	415	163
311	Navy Blue-MD	115	45	110	43	99	38
312	Baby Blue-VY DK	2947	1160	2806	1104	2526	994
317	Pewter Gray	4666	1837	4444	1749	3999	1574
318	Steel Gray-LT	1714	674	1633	642	1469	578
322	Baby Blue-DK	400	157	381	150	343	135
334	Baby Blue-MD	2295	903	2185	860	1967	774
340	Blue Violet-MD	1319	519	1256	494	1131	445
341	Blue Violet-LT	169	66	161	63	145	57
413	Pewter Gray -DK	1408	554	1341	527	1207	475
414	Steel Gray -DK	1978	778	1884	741	1696	667
415	Pearl Gray	375	147	358	140	322	126
451	Shell Gray-DK	40	15	38	14	34	13
452	Shell Gray-MD	23	9	22	8	19	7
453	Shell Gray-LT	15	5	14	5	13	5
500	Blue Green-VY DK	226	88	215	84	194	76
503	Blue Green-MD	422	166	402	158	362	142
517	Wedgewood-DK	1831	720	1744	686	1569	617
518	Wedgewood-LT	405	159	386	151	347	136
519	Sky Blue	149	58	142	55	127	50
524	Fern Green-VY LT	26	10	24	9	22	8
535	Ash Gray-VY LT	938	369	894	351	804	316
543	Beige Brown-UL VY LT	13	5	13	5	11	4
597	Turquoise	394	155	375	147	338	133
613	Drab Brown-VY LT	18	7	17	6	15	5
640	Beige Gray-VY DK	86	33	82	32	74	29
642	Beige Gray-DK	14	5	14	5	12	4
644	Beige Gray-MD	23	9	22	8	20	7
645	Beaver Gray-VY DK	709	279	676	266	608	239
646	Beaver Gray-DK	101	39	96	37	87	34
647	Beaver Gray-MD	84	33	80	31	72	28
712	Cream	10	3	9	3	8	3
746	Off White	31	12	30	11	27	10
747	Sky Blue-VY LT	280	110	267	105	240	94
762	Pearl Gray-VY LT	66	25	63	24	56	22
775	Baby Blue-VY LT	81	31	78	30	70	27
793	Cornflower Blue-MD	6377	2510	6074	2391	5466	2151
794	Cornflower Blue-LT	598	235	569	224	512	201
799	Delft Blue-MD	1550	610	1476	581	1328	522
800	Delft Blue-Pale	63	24	60	23	54	21
809	Delft Blue	1248	491	1189	468	1070	421
813	Blue-LT	700	275	666	262	600	236
819	Baby Pink-LT	9	3	9	3	8	3
822	Beige Gray-LT	10	3	9	3	8	3
823	Navy Blue-DK	509	200	485	190	436	171
826	Blue-MD	4177	1644	3978	1566	3581	1409
827	Blue-VY LT	71	27	68	26	61	24
841	Beige Brown-LT	11	4	10	3	9	3
842	Beige Brown-VY LT	24	9	23	9	21	8
844	Beaver Brown-UL DK	2740	1078	2610	1027	2349	924
924	Gray Green-VY DK	2175	856	2071	815	1864	733
926	Gray Green-MD	281	110	268	105	241	94
927	Gray Green-LT	559	220	532	209	479	188

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928	Gray Green-VY LT	40	15	38	14	34	13
930	Antique Blue-DK	3903	1536	3717	1463	3345	1316
931	Antique Blue-MD	4581	1803	4363	1717	3927	1546
932	Antique Blue-LT	2883	1135	2746	1081	2471	972
934	Black Avocado Green	3234	1273	3080	1212	2772	1091
935	Avocado Green-DK	2639	1038	2513	989	2262	890
948	Peach-VY LT	18	7	17	6	15	5
3021	Brown Gray -VY DK	1312	516	1249	491	1124	442
3022	Brown Gray -MD	139	54	132	51	119	46
3023	Brown Gray -LT	44	17	42	16	38	14
3024	Brown Gray -VY LT	13	5	12	4	11	4
3041	Antique Violet-MD	1425	561	1357	534	1221	480
3072	Beaver Gray-VY LT	23	9	22	8	19	7
3325	Baby Blue-LT	193	75	184	72	165	64
3743	Antique Violet-VY LT	88	34	84	33	76	29
3747	Blue Violet-VY LT	145	57	138	54	124	48
3750	Antique Blue-VY DK	517	203	492	193	443	174
3752	Antique Blue-VY LT	570	224	543	213	489	192
3753	Antique Blue-UL VY LT	42	16	40	15	36	14
3755	Baby Blue	393	154	374	147	336	132
3756	Baby Blue-UL VY LT	76	29	72	28	65	25
3760	Wedgewood-MD	675	265	643	253	579	227
3761	Sky Blue-LT	158	62	150	59	135	53
3766	Peacock Blue-LT	108	42	103	40	92	36
3768	Gray Green-DK	1338	526	1274	501	1146	451
3770	Tawny -VY LT	20	7	19	7	17	6
3774	Desert Sand-VY LT	20	7	19	7	17	6
3782	Mocha Brown-LT	20	7	19	7	17	6
3787	Brown Gray -DK	372	146	354	139	319	125
3799	Pewter Gray -VY DK	5552	2185	5287	2081	4758	1873
3807	Cornflower Blue	3454	1359	3290	1295	2961	1165
3808	Turquoise-UL VY DK	881	346	839	330	755	297
3809	Turquoise-VY DK	2352	925	2240	881	2016	793
3810	Turquoise-DK	530	208	505	198	454	178
3811	Turquoise-VY LT	33	12	31	12	28	11
3838	Lavender Blue-DK	65	25	62	24	55	21
3839	Lavender Blue-MD	154	60	146	57	132	51
3840	Lavender Blue-LT	169	66	161	63	145	57
3841	Baby Blue-Pale	49	19	47	18	42	16
3843	Electric Blue	4	1	3	1	3	1
3861	Cocoa-LT	22	8	21	8	19	7
3864	Mocha Beige-LT	8	3	7	2	7	2
3865	Winter White	118	46	112	44	101	39
3866	Mocha Brown-UL VY LT	15	5	14	5	13	5
Ecru	Ecru	9	3	8	3	7	2

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
1	White 1	443	173	369	144	185	72
310	Black	747	293	623	245	311	122
311	Navy Blue-MD	178	68	149	57	74	29
312	Baby Blue-VY DK	4547	1789	3789	1491	1895	746
317	Pewter Gray	7198	2833	5999	2361	2999	1181
318	Steel Gray-LT	2644	1040	2204	867	1102	434
322	Baby Blue-DK	617	243	515	203	257	101

334	Baby Blue-MD	3541	1393	2951	1161	1475	581
340	Blue Violet-MD	2036	801	1697	668	848	334
341	Blue Violet-LT	261	103	218	86	109	43
413	Pewter Gray -DK	2173	855	1811	713	905	356
414	Steel Gray-DK	3053	1201	2544	1001	1272	500
415	Pearl Gray	580	227	483	189	242	95
451	Shell Gray-DK	61	23	51	20	26	10
452	Shell Gray-MD	34	13	29	11	14	5
453	Shell Gray-LT	23	9	20	8	10	4
500	Blue Green-VY DK	349	137	291	114	146	57
503	Blue Green-MD	652	256	543	213	272	107
517	Wedgewood-DK	2824	1111	2354	926	1177	463
518	Wedgewood-LT	625	245	521	204	260	102
519	Sky Blue	229	90	191	75	95	38
524	Fern Green-VY LT	40	14	33	12	17	6
535	Ash Gray -VY LT	1447	569	1206	474	603	237
543	Beige Brown-UL VY LT	20	7	17	6	8	3
597	Turquoise	608	239	507	200	254	100
613	Drab Brown-VY LT	27	9	23	8	11	4
640	Beige Gray-VY DK	133	52	111	44	56	22
642	Beige Gray-DK	22	7	18	6	9	3
644	Beige Gray-MD	36	13	30	11	15	5
645	Beaver Gray-VY DK	1094	430	912	359	456	179
646	Beaver Gray-DK	157	61	131	51	65	26
647	Beaver Gray-MD	130	50	108	42	54	21
712	Cream	14	5	12	5	6	2
746	Off White	49	18	41	15	20	8
747	Sky Blue-VY LT	432	169	360	141	180	71
762	Pearl Gray-VY LT	101	40	84	33	42	17
775	Baby Blue-VY LT	126	49	105	41	53	20
793	Cornflower Blue-MD	9839	3872	8199	3227	4100	1613
794	Cornflower Blue-LT	922	362	768	302	384	151
799	Delft Blue-MD	2390	940	1992	783	996	392
800	Delft Blue-Pale	97	38	81	32	41	16
809	Delft Blue	1926	758	1605	632	803	316
813	Blue-LT	1080	425	900	354	450	177
819	Baby Pink-LT	14	5	12	5	6	2
822	Beige Gray-LT	14	5	12	5	6	2
823	Navy Blue-DK	785	308	654	257	327	128
826	Blue-MD	6446	2536	5372	2114	2686	1057
827	Blue-VY LT	110	43	92	36	46	18
841	Beige Brown-LT	16	5	14	5	7	2
842	Beige Brown-VY LT	38	14	32	12	16	6
844	Beaver Brown-UL DK	4228	1663	3524	1386	1762	693
924	Gray Green-VY DK	3355	1319	2796	1100	1398	550
926	Gray Green-MD	434	169	362	141	181	71
927	Gray Green-LT	862	338	719	282	359	141
928	Gray Green-VY LT	61	23	51	20	26	10
930	Antique Blue-DK	6021	2369	5018	1974	2509	987
931	Antique Blue-MD	7069	2783	5891	2319	2945	1160
932	Antique Blue-LT	4448	1750	3707	1458	1853	729
934	Black Avocado Green	4990	1964	4158	1637	2079	818
935	Avocado Green-DK	4072	1602	3393	1335	1697	668
948	Peach-VY LT	27	9	23	8	11	4
3021	Brown Gray -VY DK	2023	796	1686	663	843	332
3022	Brown Gray -MD	214	83	179	69	89	35
3023	Brown Gray -LT	68	25	57	21	29	11
3024	Brown Gray -VY LT	20	7	17	6	8	3
3041	Antique Violet-MD	2198	864	1832	720	916	360

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3072	Beaver Gray-VY LT	34	13	29	11	14	5
3325	Baby Blue-LT	297	115	248	96	124	48
3743	Antique Violet-VY LT	137	52	114	44	57	22
3747	Blue Violet-VY LT	223	86	186	72	93	36
3750	Antique Blue-VY DK	797	313	665	261	332	131
3752	Antique Blue-VY LT	880	346	734	288	367	144
3753	Antique Blue-UL VY LT	65	25	54	21	27	11
3755	Baby Blue	605	238	504	198	252	99
3756	Baby Blue-UL VY LT	117	45	98	38	49	19
3760	Wedgewood-MD	1042	409	869	341	434	170
3761	Sky Blue-LT	243	95	203	80	101	40
3766	Peacock Blue-LT	166	65	138	54	69	27
3768	Gray Green-DK	2063	812	1719	677	860	338
3770	Tawny-VY LT	31	11	26	9	13	5
3774	Desert Sand-VY LT	31	11	26	9	13	5
3782	Mocha Brown-LT	31	11	26	9	13	5
3787	Brown Gray -DK	574	225	479	188	239	94
3799	Pewter Gray-VY DK	8564	3371	7137	2810	3569	1405
3807	Cornflower Blue	5330	2097	4442	1748	2221	874
3808	Turquoise-UL VY DK	1359	535	1133	446	566	223
3809	Turquoise-VY DK	3629	1427	3024	1190	1512	595
3810	Turquoise-DK	817	320	681	267	341	134
3811	Turquoise-VY LT	50	20	42	17	21	8
3838	Lavender Blue-DK	99	38	83	32	41	16
3839	Lavender Blue-MD	238	92	198	77	99	38
3840	Lavender Blue-LT	261	103	218	86	109	43
3841	Baby Blue-Pale	76	29	63	24	32	12
3843	Electric Blue	5	2	5	2	2	1
3861	Cocoa-LT	34	13	29	11	14	5
3864	Mocha Beige-LT	13	4	11	3	5	2
3865	Winter White	182	70	152	59	76	29
3866	Mocha Brown-UL VY LT	23	9	20	8	10	4
Ecru	Ecru	13	4	11	3	5	2

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
1	White 1	177	69	170	66	164	64
310	Black	299	117	287	113	277	109
311	Navy Blue-MD	71	27	69	26	66	25
312	Baby Blue-VY DK	1819	716	1749	688	1684	663
317	Pewter Gray	2879	1133	2769	1090	2666	1049
318	Steel Gray-LT	1058	416	1017	400	979	385
322	Baby Blue-DK	247	97	237	93	229	90
334	Baby Blue-MD	1416	557	1362	536	1311	516
340	Blue Violet-MD	814	320	783	308	754	297
341	Blue Violet-LT	104	41	100	39	97	38
413	Pewter Gray -DK	869	342	836	329	805	317
414	Steel Gray-DK	1221	480	1174	462	1131	445
415	Pearl Gray	232	91	223	87	215	84
451	Shell Gray-DK	24	9	24	9	23	9
452	Shell Gray-MD	14	5	13	5	13	5
453	Shell Gray-LT	9	4	9	3	9	3
500	Blue Green-VY DK	140	55	134	53	129	51
503	Blue Green-MD	261	102	251	98	241	95
517	Wedgewood-DK	1130	444	1086	427	1046	411

518	Wedgewood-LT	250	98	240	94	231	91
519	Sky Blue	91	36	88	35	85	33
524	Fern Green-VY LT	16	6	15	6	15	5
535	Ash Gray -VY LT	579	228	557	219	536	211
543	Beige Brown-UL VY LT	8	3	8	3	7	3
597	Turquoise	243	96	234	92	225	89
613	Drab Brown-VY LT	11	4	10	3	10	3
640	Beige Gray-VY DK	53	21	51	20	49	19
642	Beige Gray-DK	9	3	8	3	8	3
644	Beige Gray-MD	14	5	14	5	13	5
645	Beaver Gray-VY DK	438	172	421	165	405	159
646	Beaver Gray-DK	63	24	60	24	58	23
647	Beaver Gray-MD	52	20	50	19	48	19
712	Cream	6	2	6	2	5	2
746	Off White	19	7	19	7	18	7
747	Sky Blue-VY LT	173	68	166	65	160	63
762	Pearl Gray-VY LT	40	16	39	15	37	15
775	Baby Blue-VY LT	50	19	48	19	47	18
793	Cornflower Blue-MD	3936	1549	3784	1489	3644	1434
794	Cornflower Blue-LT	369	145	354	139	341	134
799	Delft Blue-MD	956	376	919	361	885	348
800	Delft Blue-Pale	39	15	37	15	36	14
809	Delft Blue	770	303	741	291	713	281
813	Blue-LT	432	170	415	163	400	157
819	Baby Pink-LT	6	2	6	2	5	2
822	Beige Gray-LT	6	2	6	2	5	2
823	Navy Blue-DK	314	123	302	118	291	114
826	Blue-MD	2578	1014	2479	975	2387	939
827	Blue-VY LT	44	17	42	17	41	16
841	Beige Brown-LT	6	2	6	2	6	2
842	Beige Brown-VY LT	15	6	15	6	14	5
844	Beaver Brown-UL DK	1691	665	1626	640	1566	616
924	Gray Green-VY DK	1342	528	1290	507	1243	489
926	Gray Green-MD	174	68	167	65	161	63
927	Gray Green-LT	345	135	332	130	319	125
928	Gray Green-VY LT	24	9	24	9	23	9
930	Antique Blue-DK	2408	948	2316	911	2230	877
931	Antique Blue-MD	2827	1113	2719	1070	2618	1031
932	Antique Blue-LT	1779	700	1711	673	1647	648
934	Black Avocado Green	1996	786	1919	755	1848	727
935	Avocado Green-DK	1629	641	1566	616	1508	593
948	Peach-VY LT	11	4	10	3	10	3
3021	Brown Gray -VY DK	809	318	778	306	749	295
3022	Brown Gray -MD	86	33	82	32	79	31
3023	Brown Gray -LT	27	10	26	10	25	9
3024	Brown Gray -VY LT	8	3	8	3	7	3
3041	Antique Violet-MD	879	346	845	332	814	320
3072	Beaver Gray-VY LT	14	5	13	5	13	5
3325	Baby Blue-LT	119	46	114	44	110	43
3743	Antique Violet-VY LT	55	21	53	20	51	19
3747	Blue Violet-VY LT	89	35	86	33	83	32
3750	Antique Blue-VY DK	319	125	307	120	295	116
3752	Antique Blue-VY LT	352	138	339	133	326	128
3753	Antique Blue-UL VY LT	26	10	25	10	24	9
3755	Baby Blue	242	95	233	91	224	88
3756	Baby Blue-UL VY LT	47	18	45	17	43	17
3760	Wedgewood-MD	417	163	401	157	386	151
3761	Sky Blue-LT	97	38	93	37	90	35
3766	Peacock Blue-LT	66	26	64	25	61	24

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3768	Gray Green-DK	825	325	793	312	764	301
3770	Tawny -VY LT	12	4	12	4	11	4
3774	Desert Sand-VY LT	12	4	12	4	11	4
3782	Mocha Brown-LT	12	4	12	4	11	4
3787	Brown Gray-DK	230	90	221	87	213	83
3799	Pewter Gray -VY DK	3426	1349	3294	1297	3172	1249
3807	Cornflower Blue	2132	839	2050	807	1974	777
3808	Turquoise-UL VY DK	544	214	523	206	503	198
3809	Turquoise-VY DK	1452	571	1396	549	1344	529
3810	Turquoise-DK	327	128	314	123	303	119
3811	Turquoise-VY LT	20	8	19	8	19	7
3838	Lavender Blue-DK	40	15	38	15	37	14
3839	Lavender Blue-MD	95	37	91	35	88	34
3840	Lavender Blue-LT	104	41	100	39	97	38
3841	Baby Blue-Pale	30	12	29	11	28	11
3843	Electric Blue	2	1	2	1	2	1
3861	Cocoa-LT	14	5	13	5	13	5
3864	Mocha Beige-LT	5	1	5	1	5	1
3865	Winter White	73	28	70	27	67	26
3866	Mocha Brown-UL VY LT	9	4	9	3	9	3
Ecru	Ecru	5	1	5	1	5	1

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
1	White 1	158	62	148	58	138	54
310	Black	267	105	249	98	233	92
311	Navy Blue-MD	64	24	59	23	56	21
312	Baby Blue-VY DK	1624	639	1516	596	1421	559
317	Pewter Gray	2571	1012	2399	944	2249	885
318	Steel Gray-LT	944	372	881	347	826	325
322	Baby Blue-DK	221	87	206	81	193	76
334	Baby Blue-MD	1265	498	1180	464	1106	435
340	Blue Violet-MD	727	286	679	267	636	250
341	Blue Violet-LT	93	37	87	34	82	32
413	Pewter Gray -DK	776	305	724	285	679	267
414	Steel Gray-DK	1090	429	1018	400	954	375
415	Pearl Gray	207	81	193	76	181	71
451	Shell Gray-DK	22	8	20	8	19	7
452	Shell Gray-MD	12	5	11	4	11	4
453	Shell Gray-LT	8	3	8	3	7	3
500	Blue Green-VY DK	125	49	116	46	109	43
503	Blue Green-MD	233	91	217	85	204	80
517	Wedgewood-DK	1009	397	941	370	883	347
518	Wedgewood-LT	223	87	208	82	195	77
519	Sky Blue	82	32	76	30	71	28
524	Fern Green-VY LT	14	5	13	5	12	5
535	Ash Gray -VY LT	517	203	482	190	452	178
543	Beige Brown-UL VY LT	7	3	7	2	6	2
597	Turquoise	217	86	203	80	190	75
613	Drab Brown-VY LT	10	3	9	3	8	3
640	Beige Gray-VY DK	48	19	44	17	42	16
642	Beige Gray-DK	8	3	7	2	7	2
644	Beige Gray-MD	13	5	12	4	11	4
645	Beaver Gray-VY DK	391	154	365	143	342	134
646	Beaver Gray-DK	56	22	52	20	49	19
647	Beaver Gray-MD	46	18	43	17	41	16

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712	Cream	5	2	5	2	5	2
746	Off White	17	6	16	6	15	6
747	Sky Blue-VY LT	154	60	144	56	135	53
762	Pearl Gray-VY LT	36	14	34	13	32	12
775	Baby Blue-VY LT	45	17	42	16	39	15
793	Cornflower Blue-MD	3514	1383	3280	1291	3075	1210
794	Cornflower Blue-LT	329	129	307	121	288	113
799	Delft Blue-MD	854	336	797	313	747	294
800	Delft Blue-Pale	35	14	32	13	30	12
809	Delft Blue	688	271	642	253	602	237
813	Blue-LT	386	152	360	142	338	133
819	Baby Pink-LT	5	2	5	2	5	2
822	Beige Gray-LT	5	2	5	2	5	2
823	Navy Blue-DK	280	110	262	103	245	96
826	Blue-MD	2302	906	2149	845	2014	793
827	Blue-VY LT	39	15	37	14	34	14
841	Beige Brown-LT	6	2	5	2	5	2
842	Beige Brown-VY LT	14	5	13	5	12	5
844	Beaver Brown-UL DK	1510	594	1409	554	1321	520
924	Gray Green-VY DK	1198	471	1118	440	1049	412
926	Gray Green-MD	155	60	145	56	136	53
927	Gray Green-LT	308	121	287	113	269	106
928	Gray Green-VY LT	22	8	20	8	19	7
930	Antique Blue-DK	2150	846	2007	790	1882	740
931	Antique Blue-MD	2525	994	2356	928	2209	870
932	Antique Blue-LT	1589	625	1483	583	1390	547
934	Black Avocado Green	1782	701	1663	655	1559	614
935	Avocado Green-DK	1454	572	1357	534	1272	501
948	Peach-VY LT	10	3	9	3	8	3
3021	Brown Gray -VY DK	723	284	674	265	632	249
3022	Brown Gray -MD	77	30	71	28	67	26
3023	Brown Gray -LT	24	9	23	8	21	8
3024	Brown Gray -VY LT	7	3	7	2	6	2
3041	Antique Violet-MD	785	309	733	288	687	270
3072	Beaver Gray-VY LT	12	5	11	4	11	4
3325	Baby Blue-LT	106	41	99	38	93	36
3743	Antique Violet-VY LT	49	19	46	17	43	16
3747	Blue Violet-VY LT	80	31	74	29	70	27
3750	Antique Blue-VY DK	285	112	266	104	249	98
3752	Antique Blue-VY LT	314	123	293	115	275	108
3753	Antique Blue-UL VY LT	23	9	22	8	20	8
3755	Baby Blue	216	85	202	79	189	74
3756	Baby Blue-UL VY LT	42	16	39	15	37	14
3760	Wedgewood-MD	372	146	347	136	326	128
3761	Sky Blue-LT	87	34	81	32	76	30
3766	Peacock Blue-LT	59	23	55	22	52	20
3768	Gray Green-DK	737	290	688	271	645	254
3770	Tawny-VY LT	11	4	10	4	10	3
3774	Desert Sand-VY LT	11	4	10	4	10	3
3782	Mocha Brown-LT	11	4	10	4	10	3
3787	Brown Gray -DK	205	80	191	75	179	70
3799	Pewter Gray -VY DK	3059	1204	2855	1124	2676	1054
3807	Cornflower Blue	1904	749	1777	699	1666	655
3808	Turquoise-UL VY DK	485	191	453	178	425	167
3809	Turquoise-VY DK	1296	510	1210	476	1134	446
3810	Turquoise-DK	292	114	272	107	255	100
3811	Turquoise-VY LT	18	7	17	7	16	6
3838	Lavender Blue-DK	35	14	33	13	31	12
3839	Lavender Blue-MD	85	33	79	31	74	29

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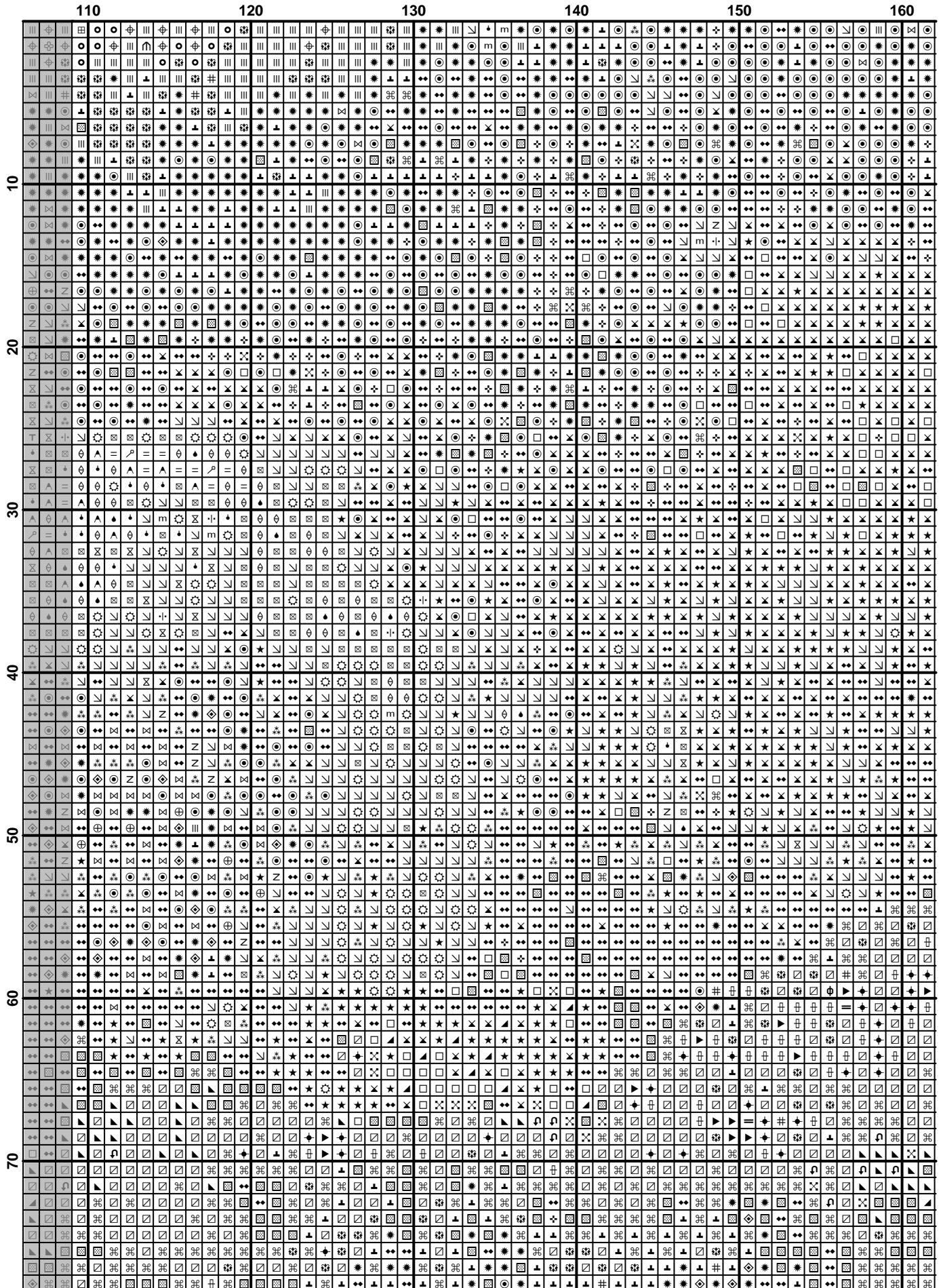
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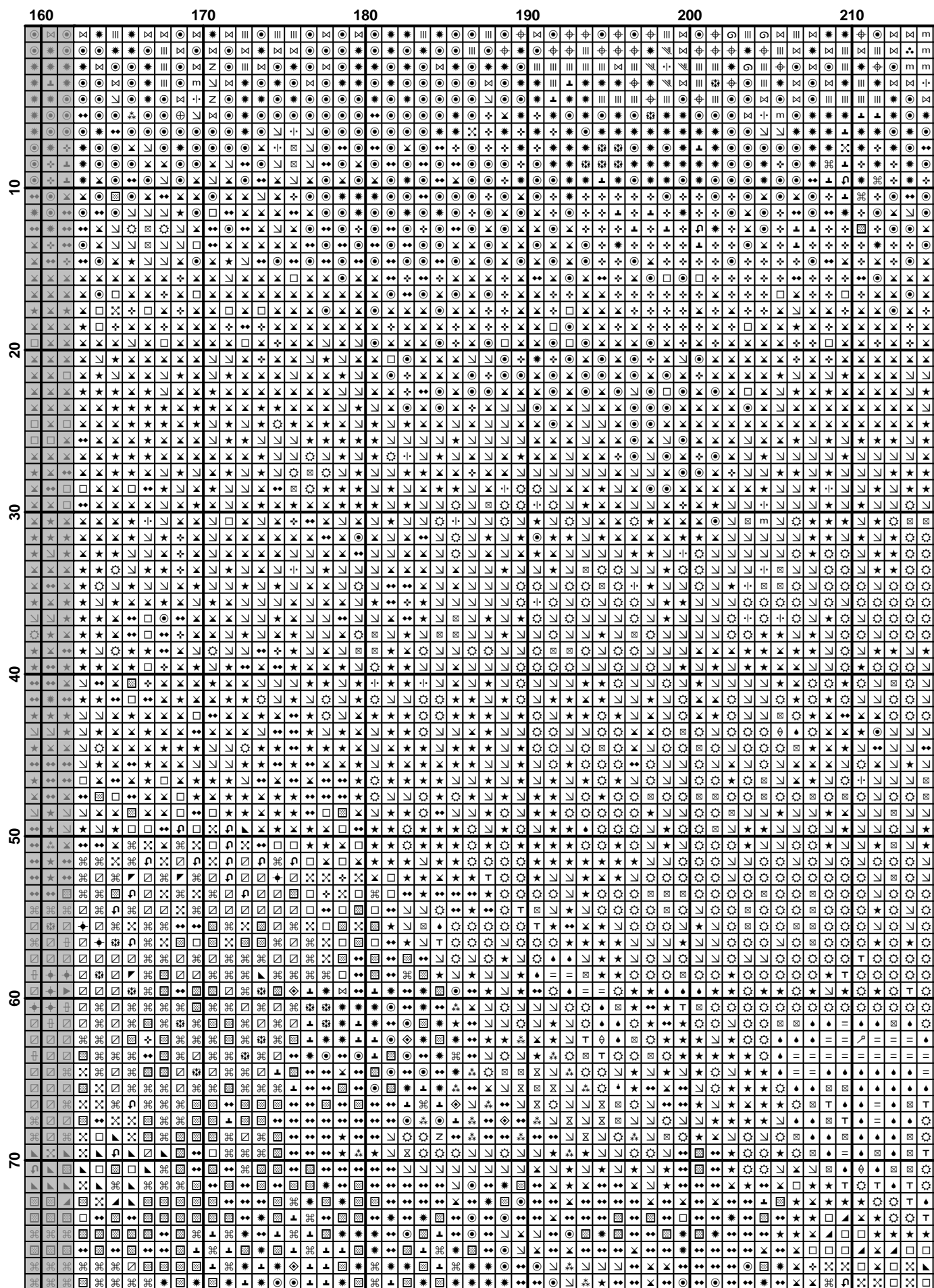
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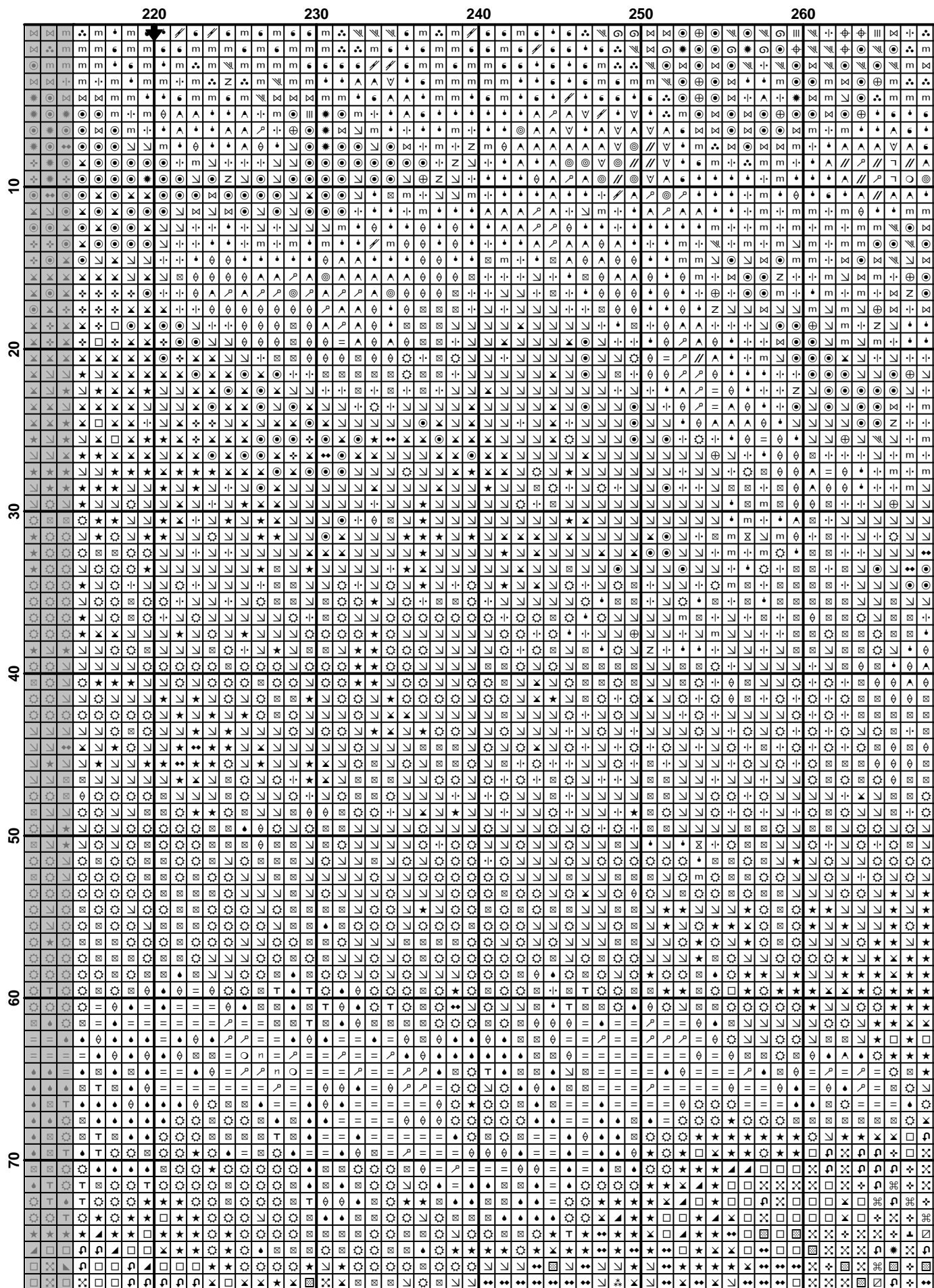
3840	Lavender Blue-LT	93	37	87	34	82	32
3841	Baby Blue-Pale	27	10	25	10	24	9
3843	Electric Blue	2	1	2	1	2	1
3861	Cocoa-LT	12	5	11	4	11	4
3864	Mocha Beige-LT	5	1	4	1	4	1
3865	Winter White	65	25	61	23	57	22
3866	Mocha Brown-UL VY LT	8	3	8	3	7	3
Ecru	Ecru	5	1	4	1	4	1

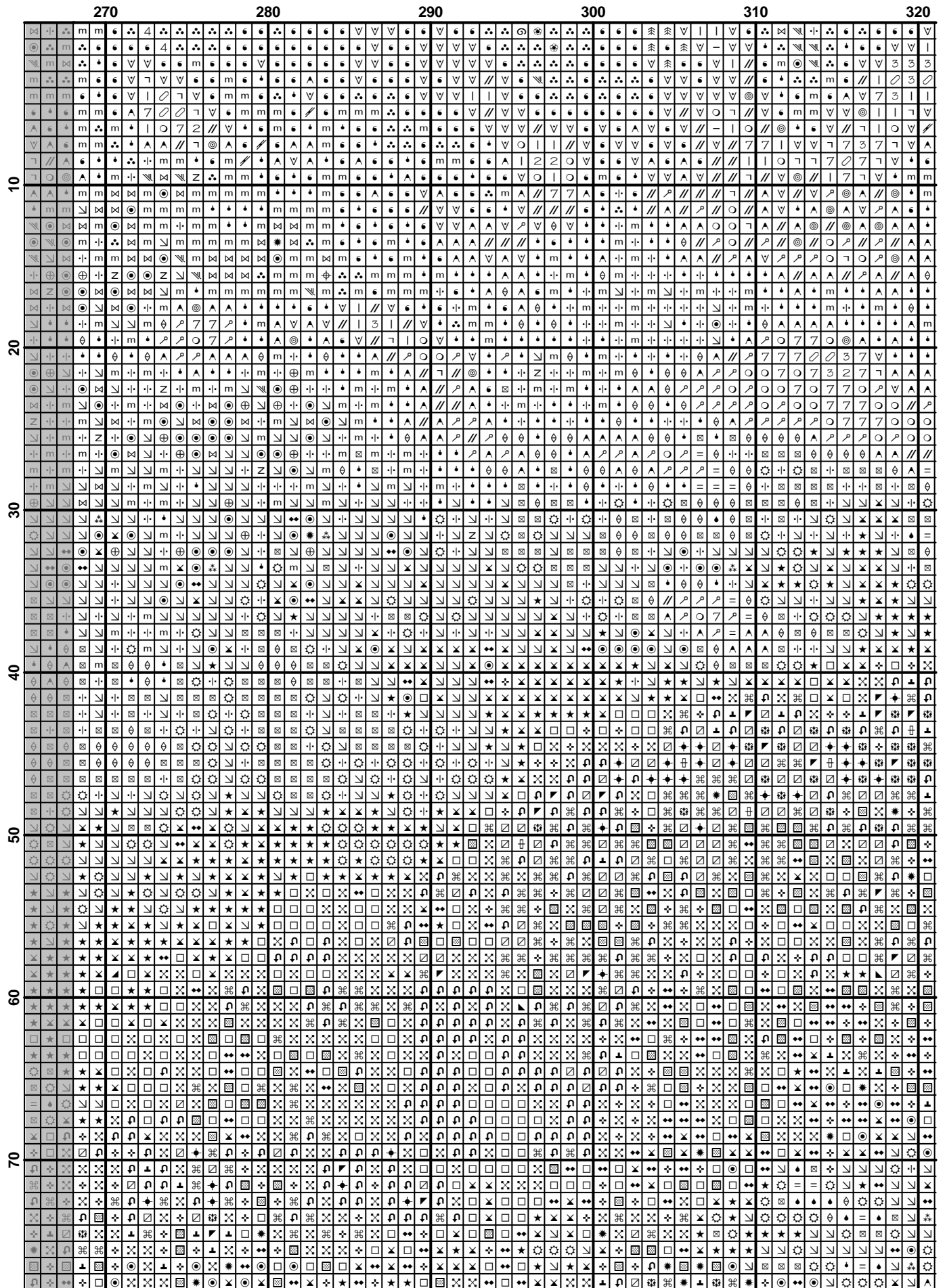
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70	田	田	田	田	田
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450	田	田	田	田	田
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590	田	田	田	田	田
600	田	田	田	田	田
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680	田	田	田	田	田
690	田	田	田	田	田
700	田	田	田	田	田
710	田	田	田	田	田
720	田	田	田	田	田
730	田	田	田	田	田
740	田	田	田	田	田
750	田	田	田	田	田
760	田	田	田	田	田
770	田	田	田	田	田
780	田	田	田	田	田
790	田	田	田	田	田
800	田	田	田	田	田
810	田	田	田	田	田
820	田	田	田	田	田
830	田	田	田	田	田
840	田	田	田	田	田
850	田	田	田	田	田
860	田	田	田	田	田
870	田	田	田	田	田
880	田	田	田	田	田
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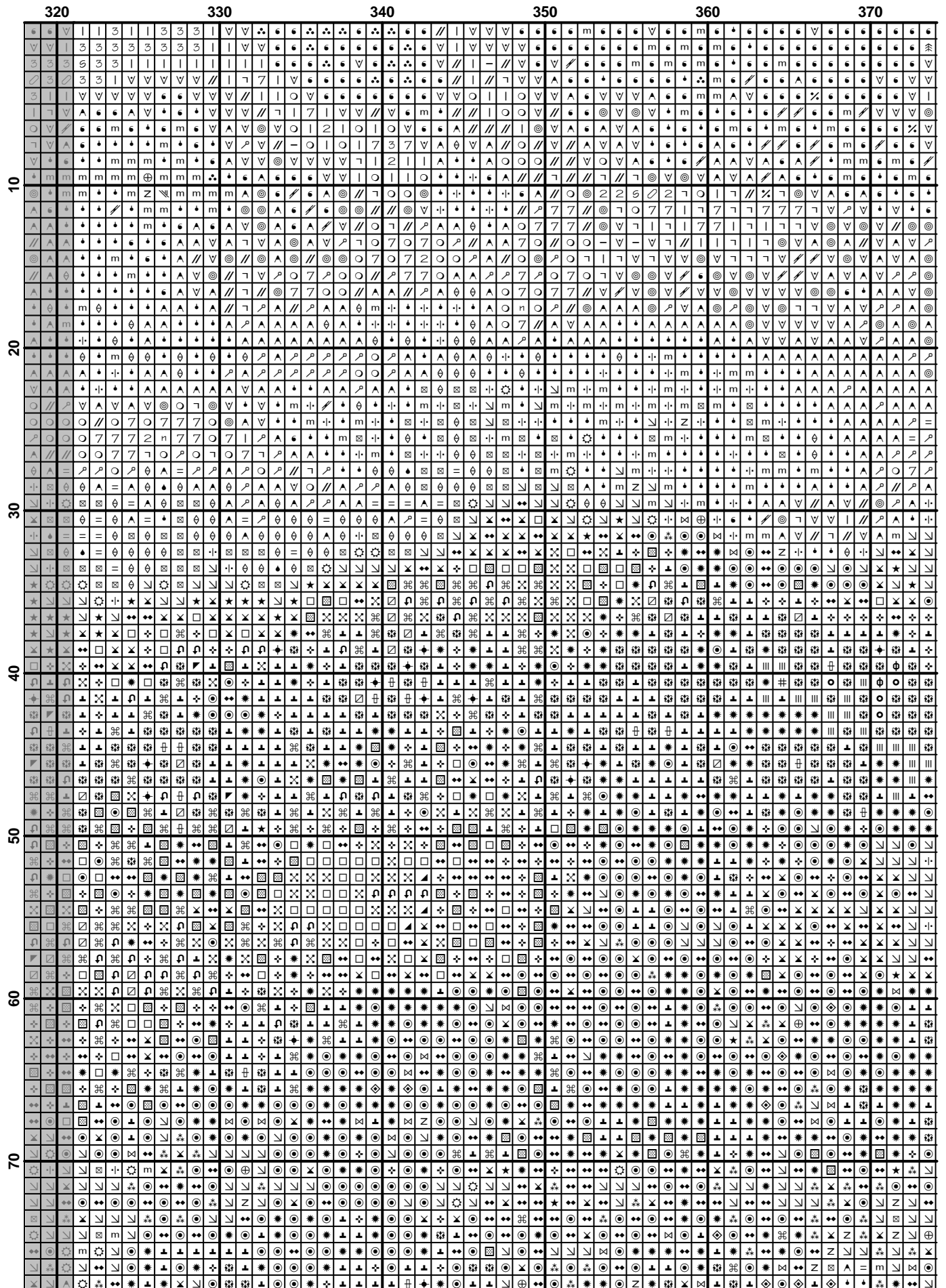
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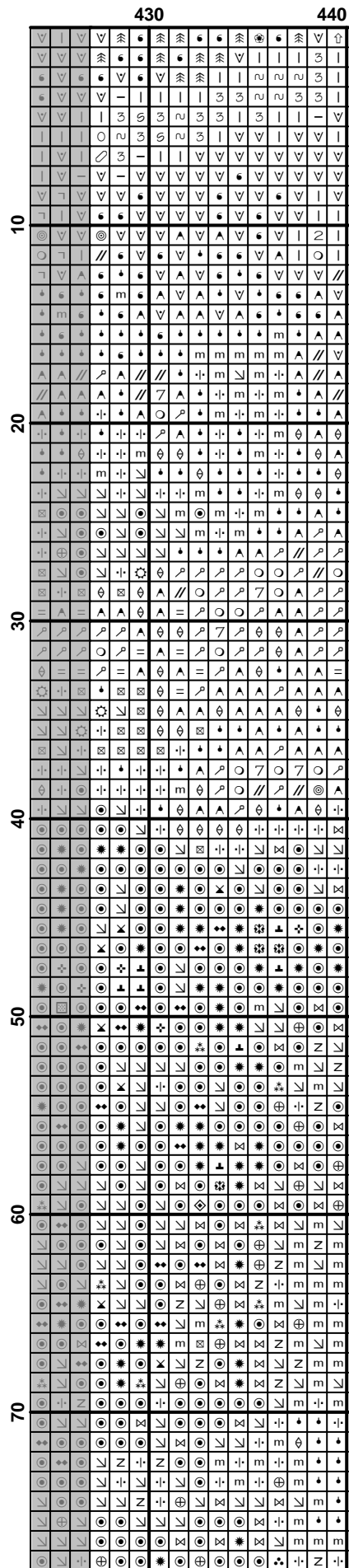




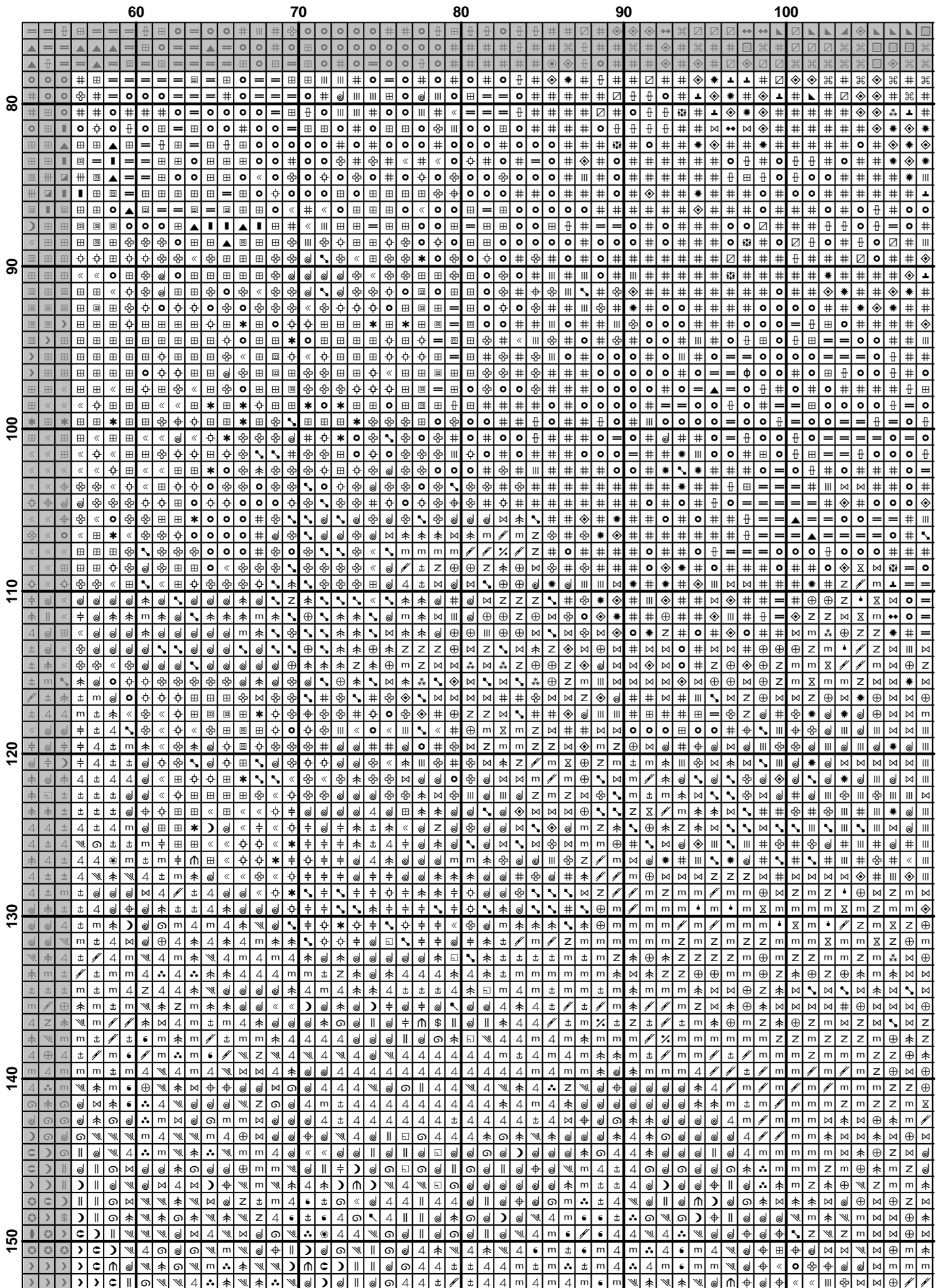




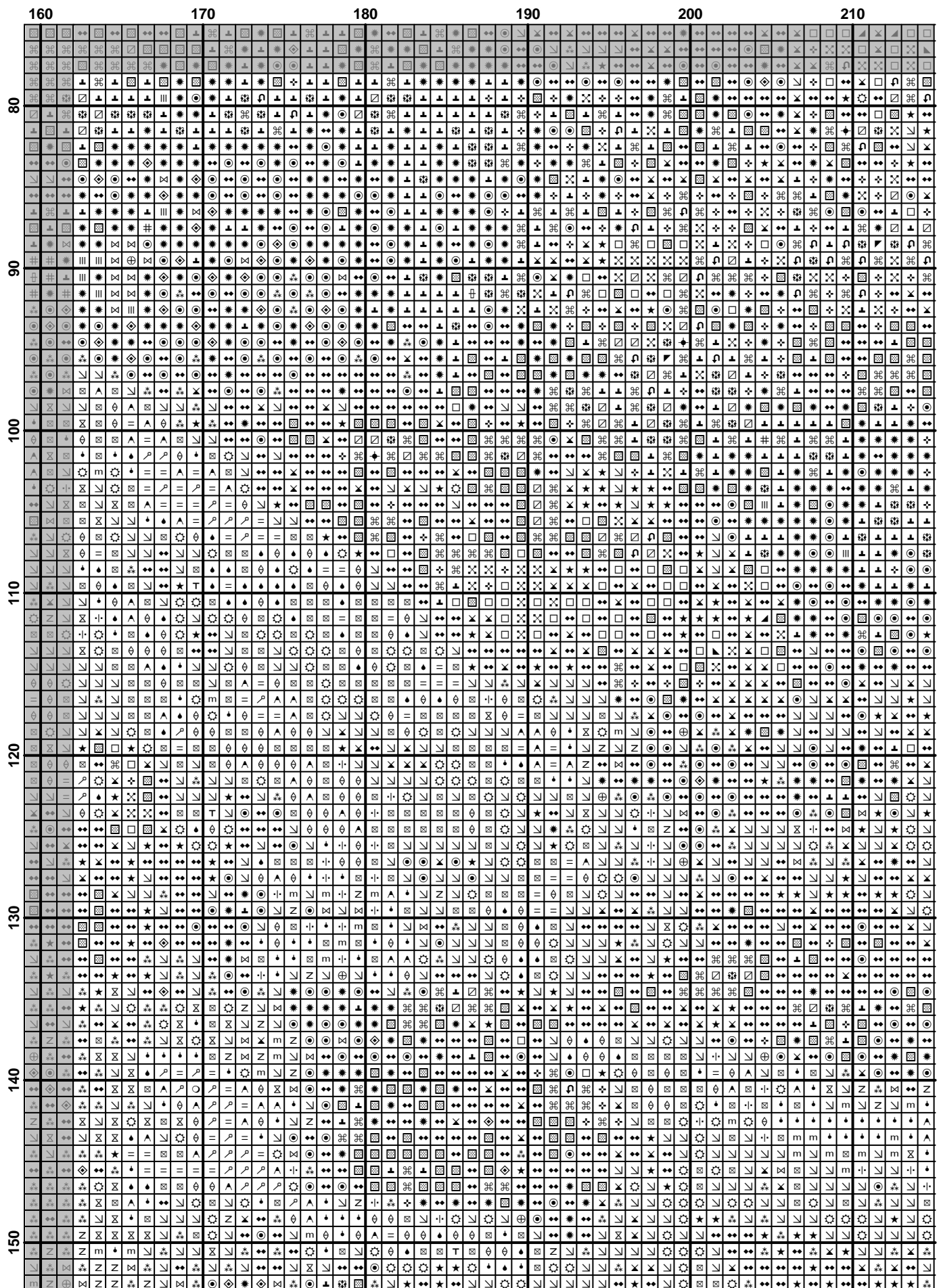
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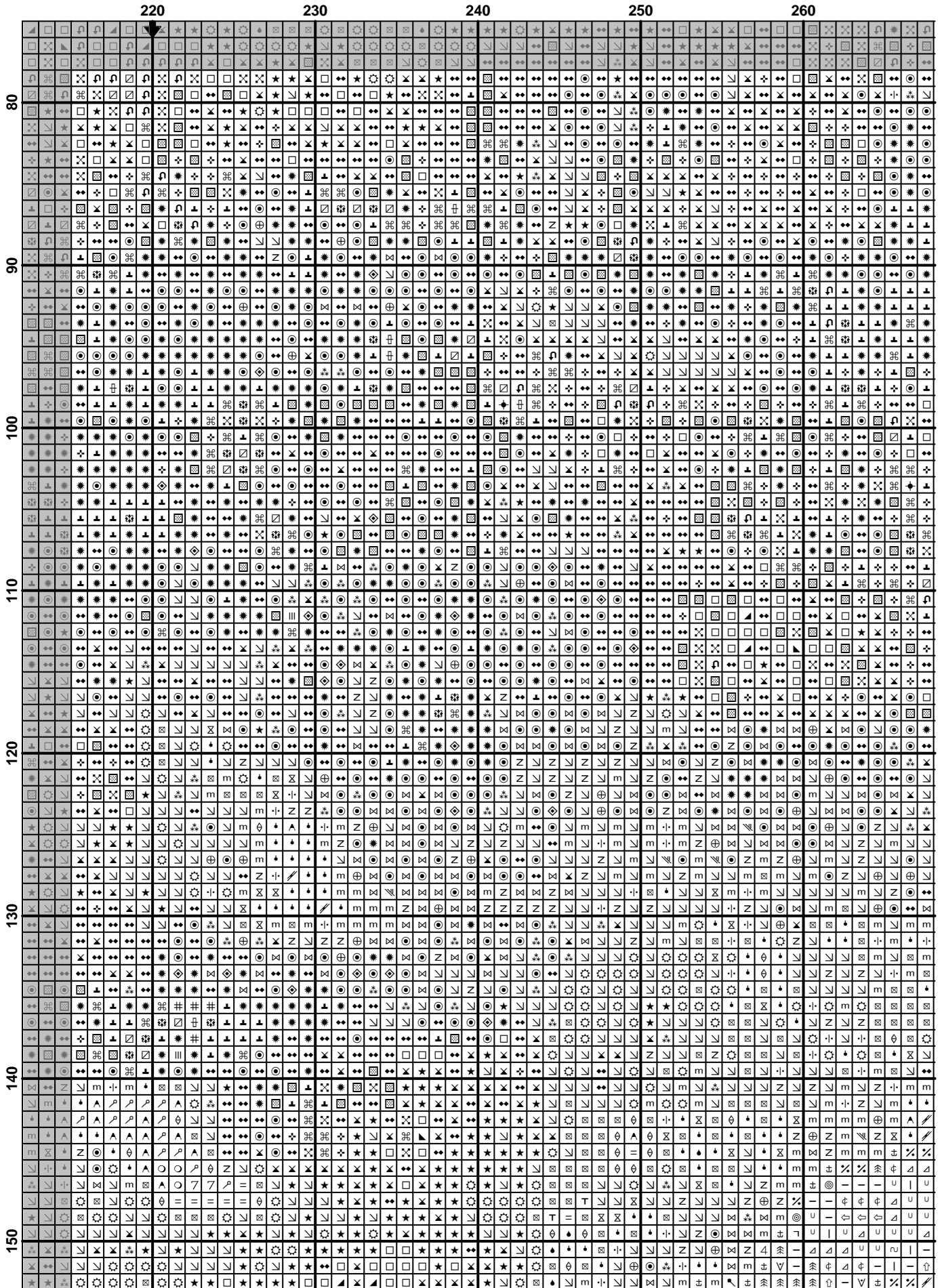


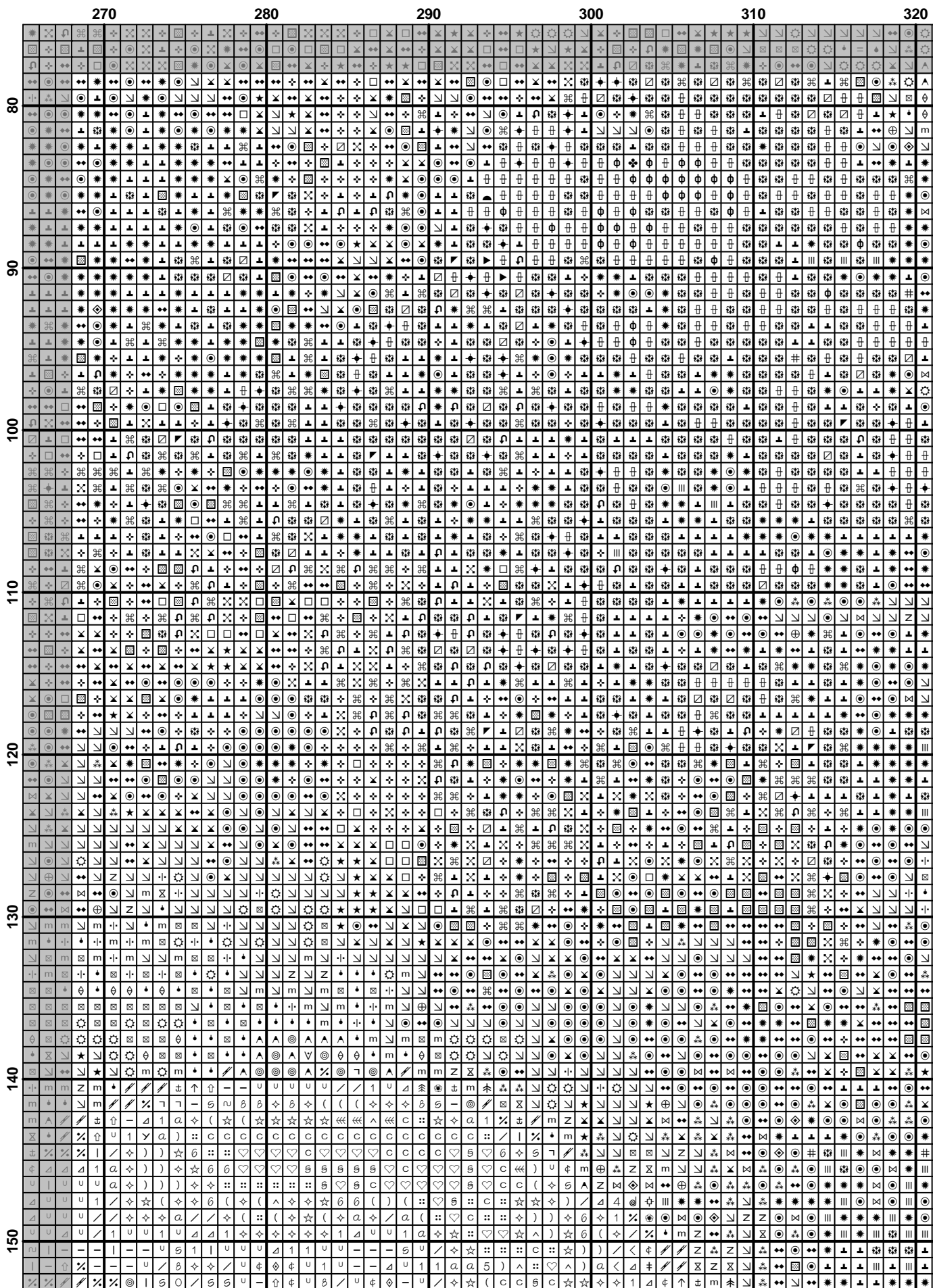
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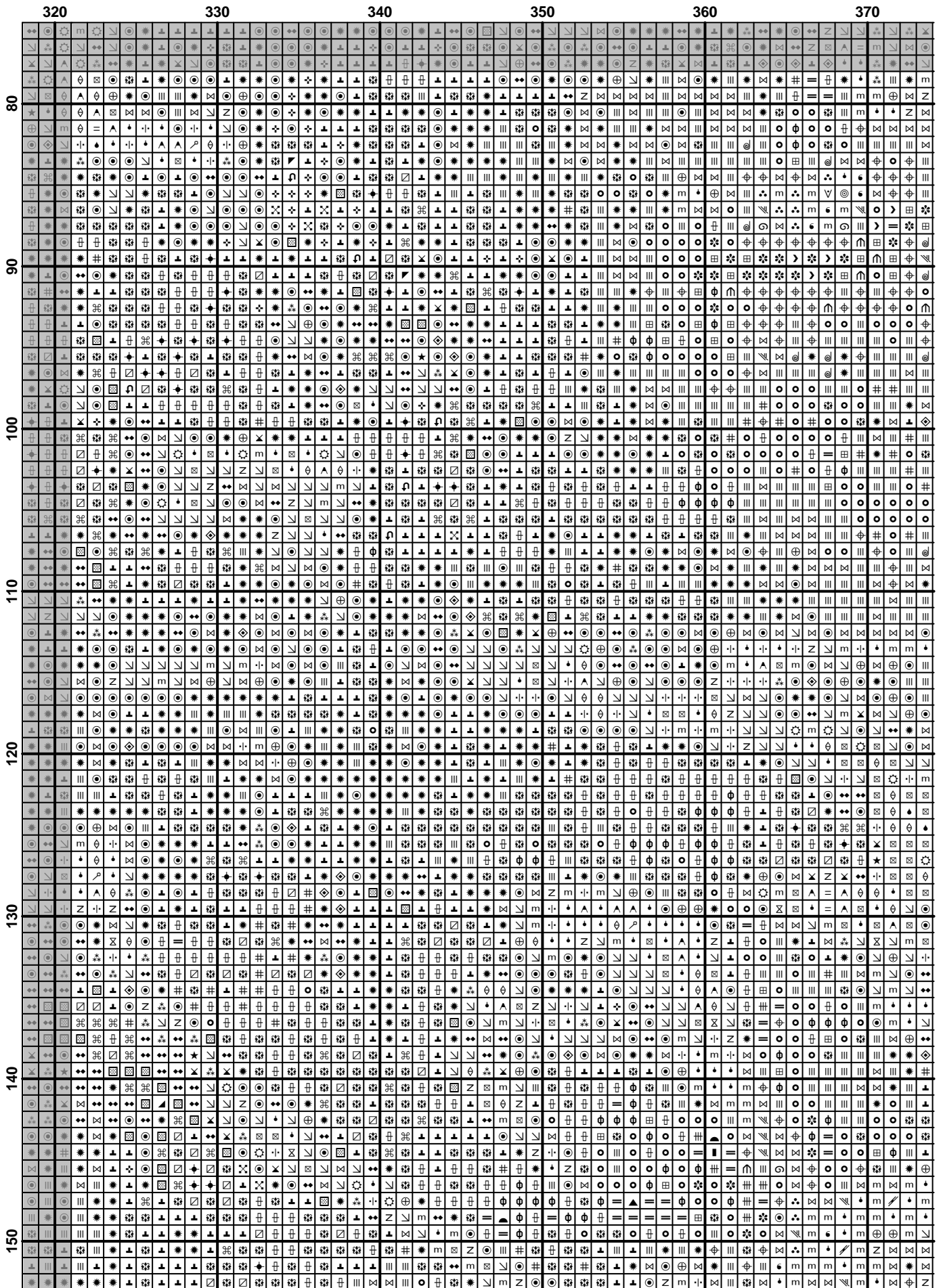


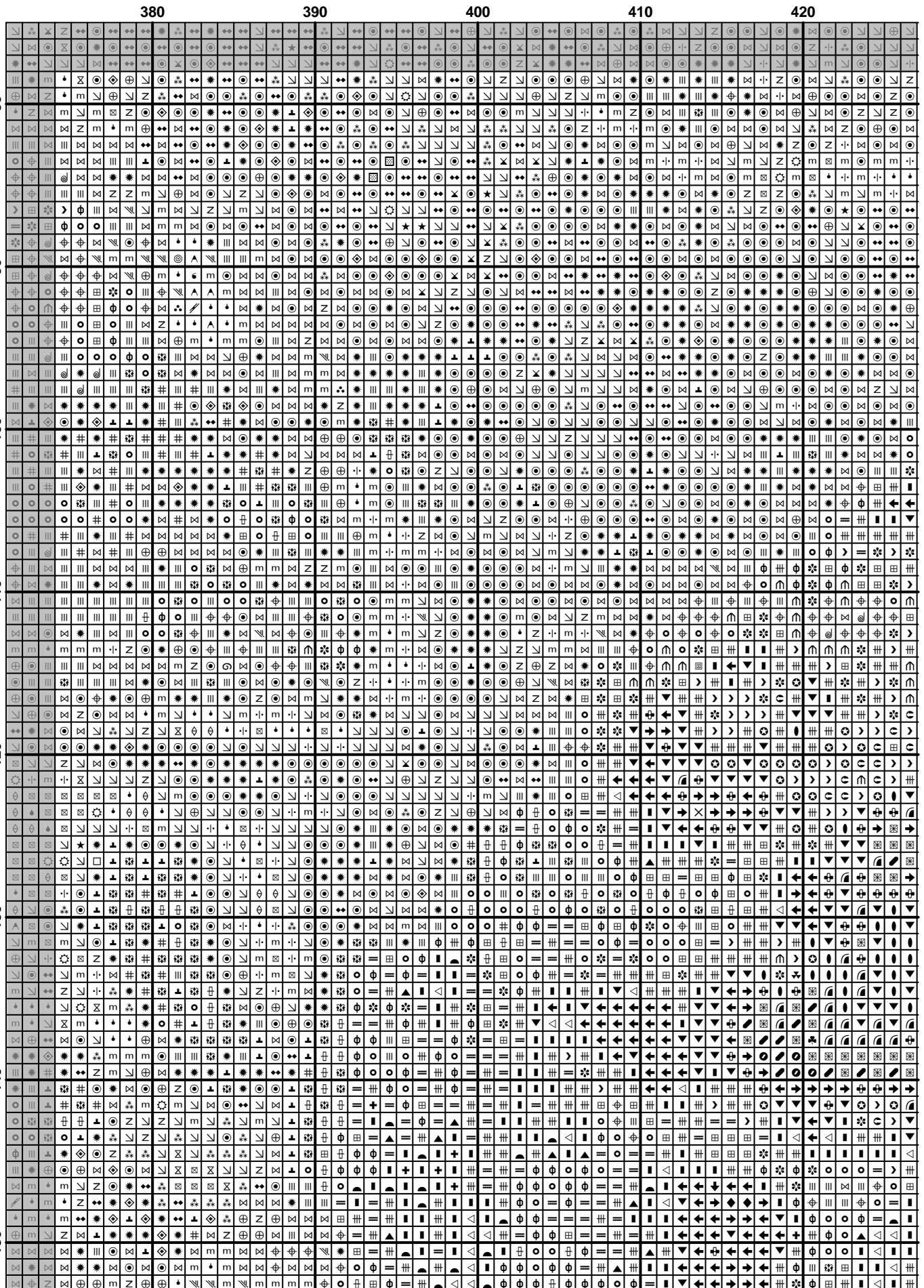
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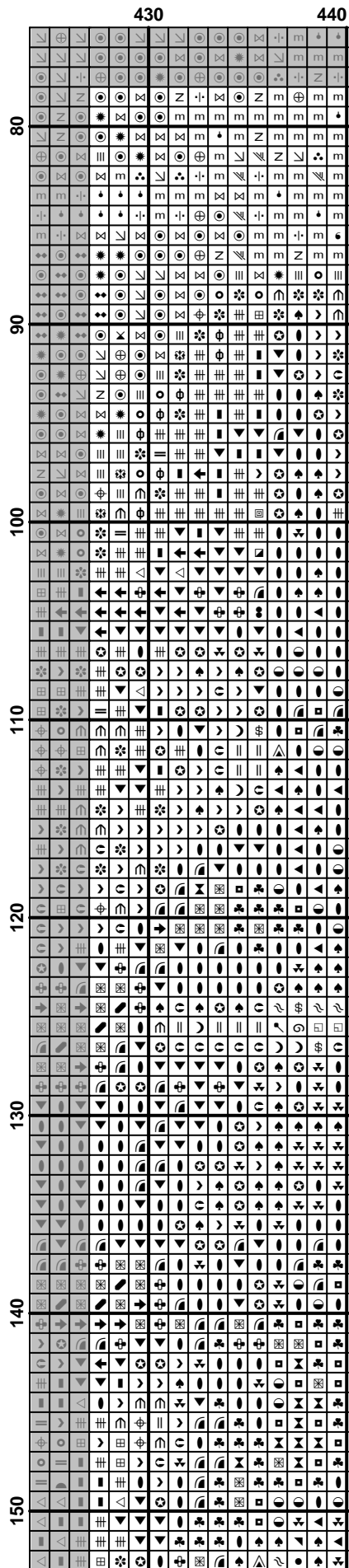




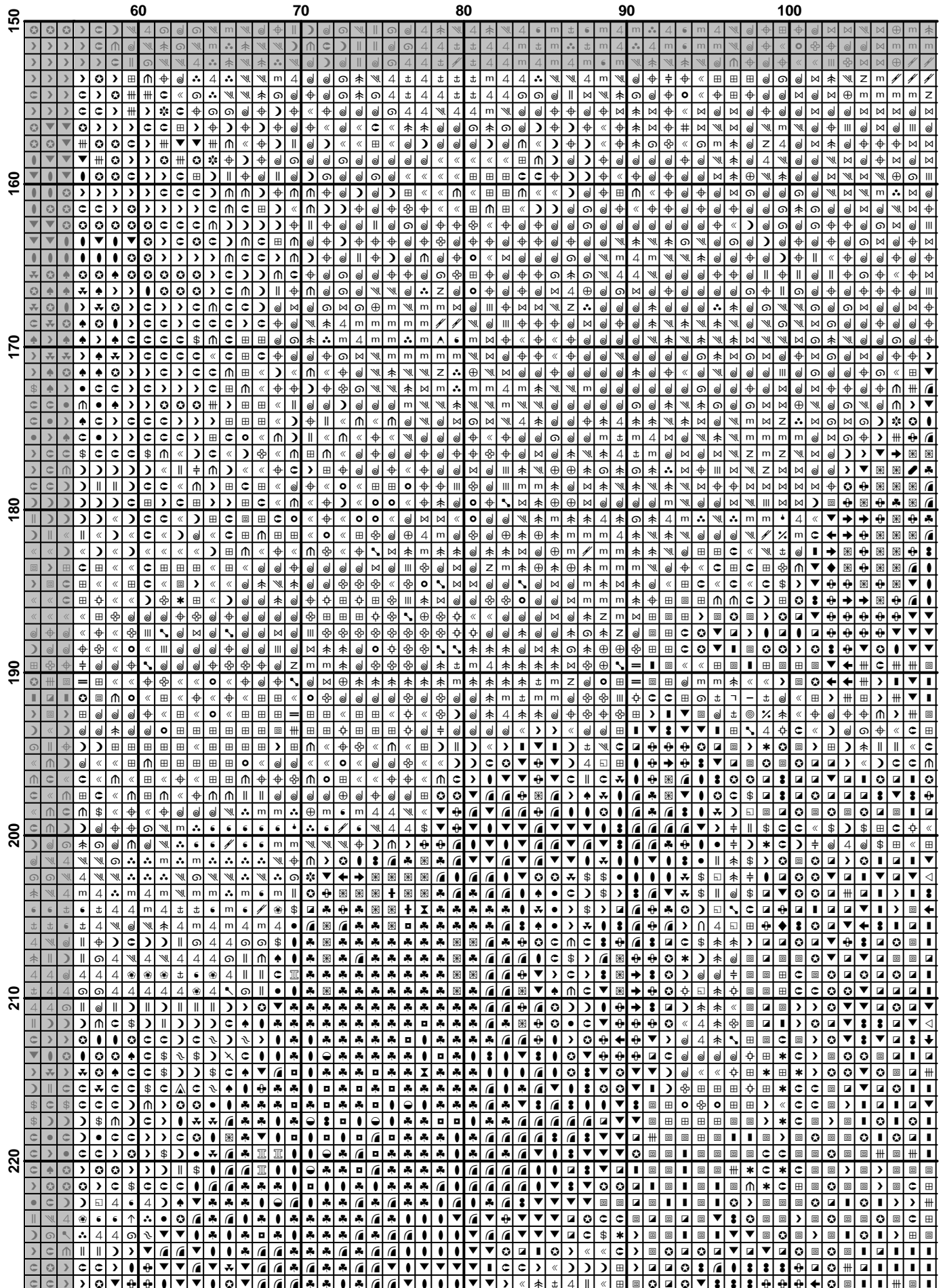




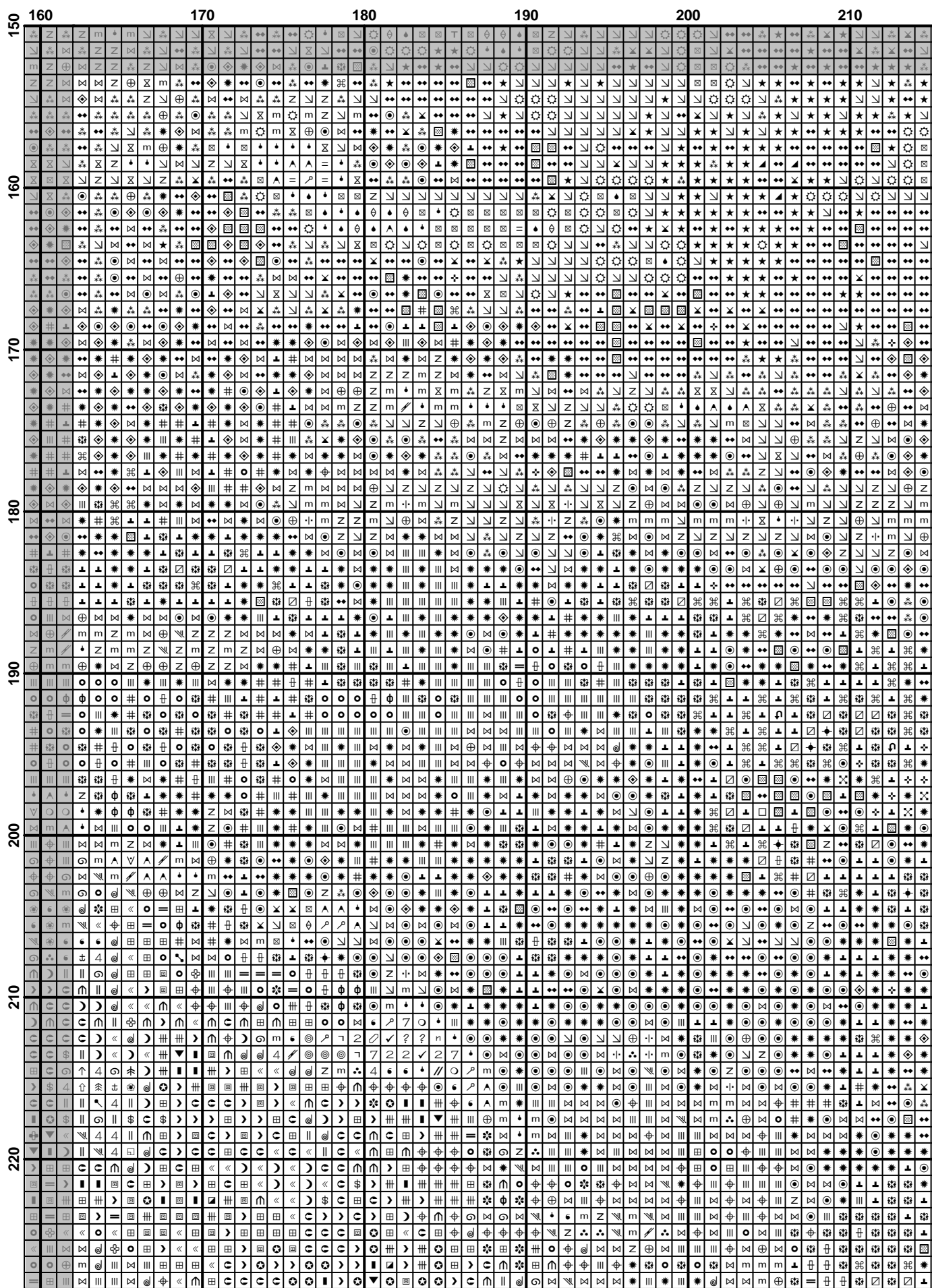


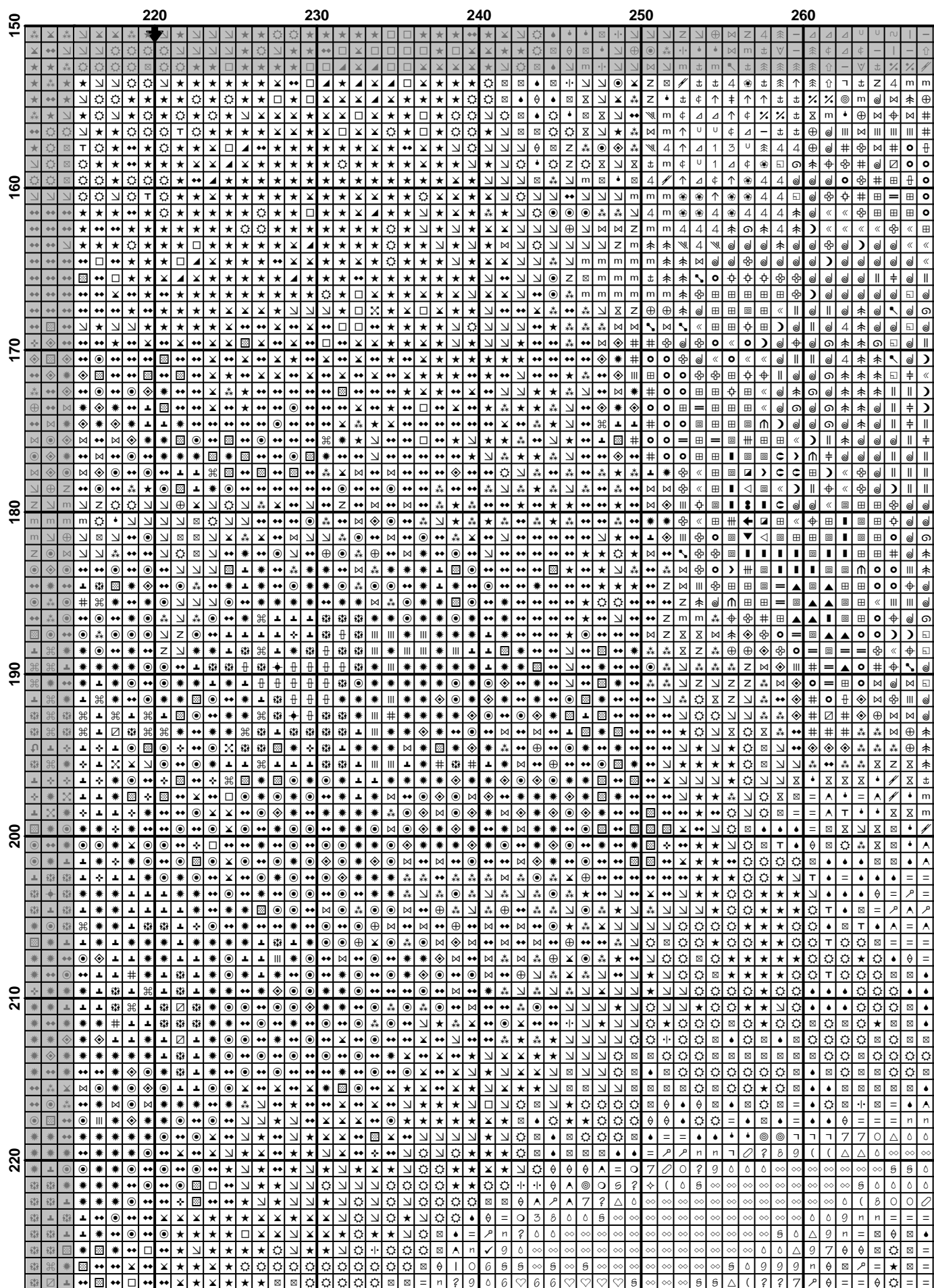


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190					
200					
210					
220					



	110	120	130	140	150	160
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170	⊕	⊕	⊕	⊕	⊕	⊕
180	⊕	⊕	⊕	⊕	⊕	⊕
190	⊕	⊕	⊕	⊕	⊕	⊕
200	⊕	⊕	⊕	⊕	⊕	⊕
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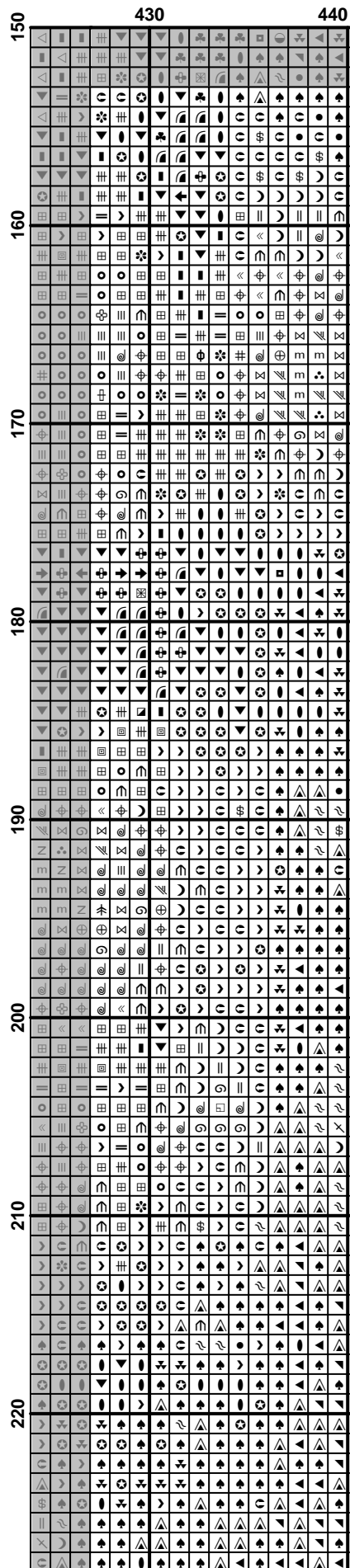




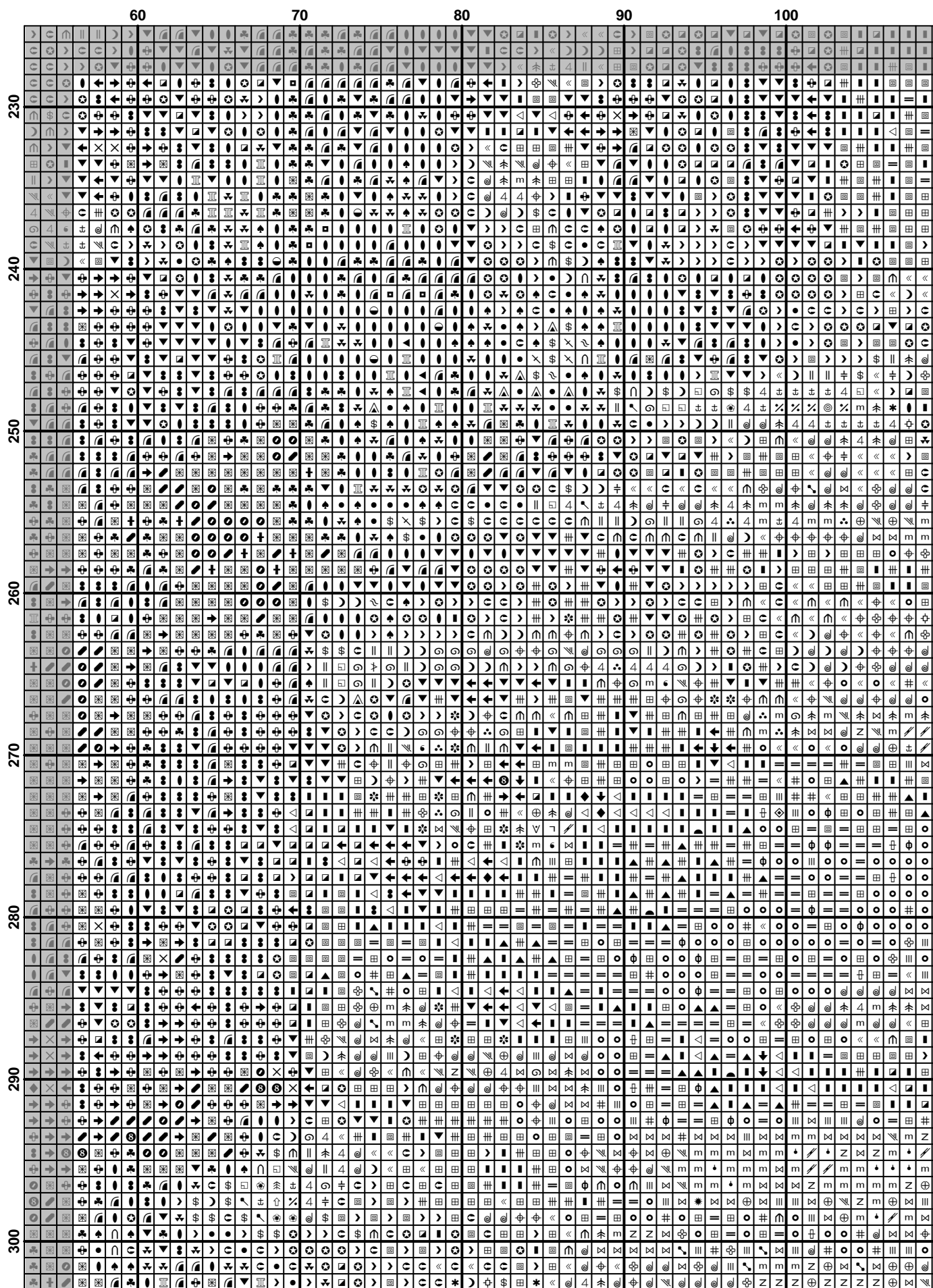
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150	380	390	400	410	420
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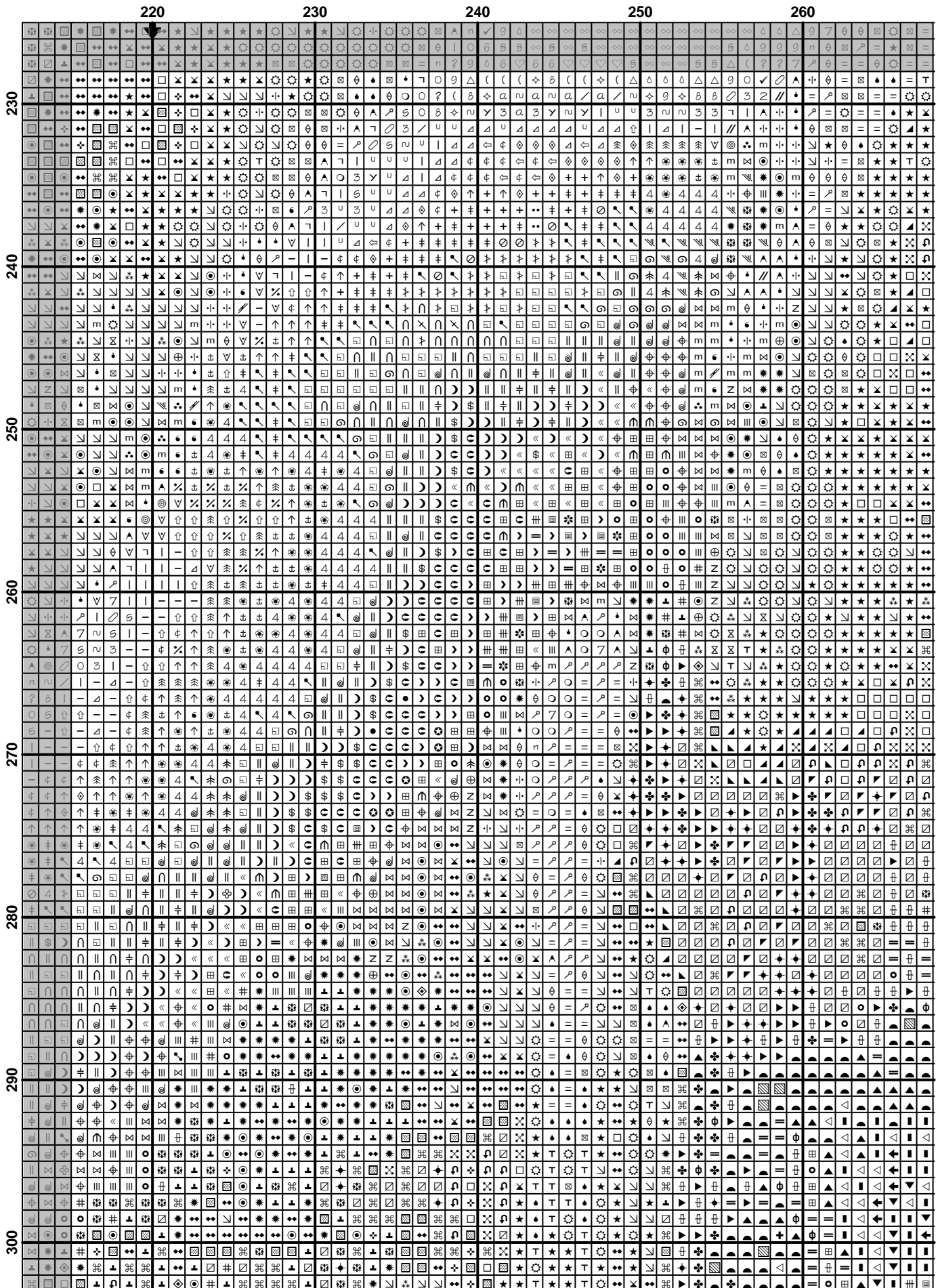


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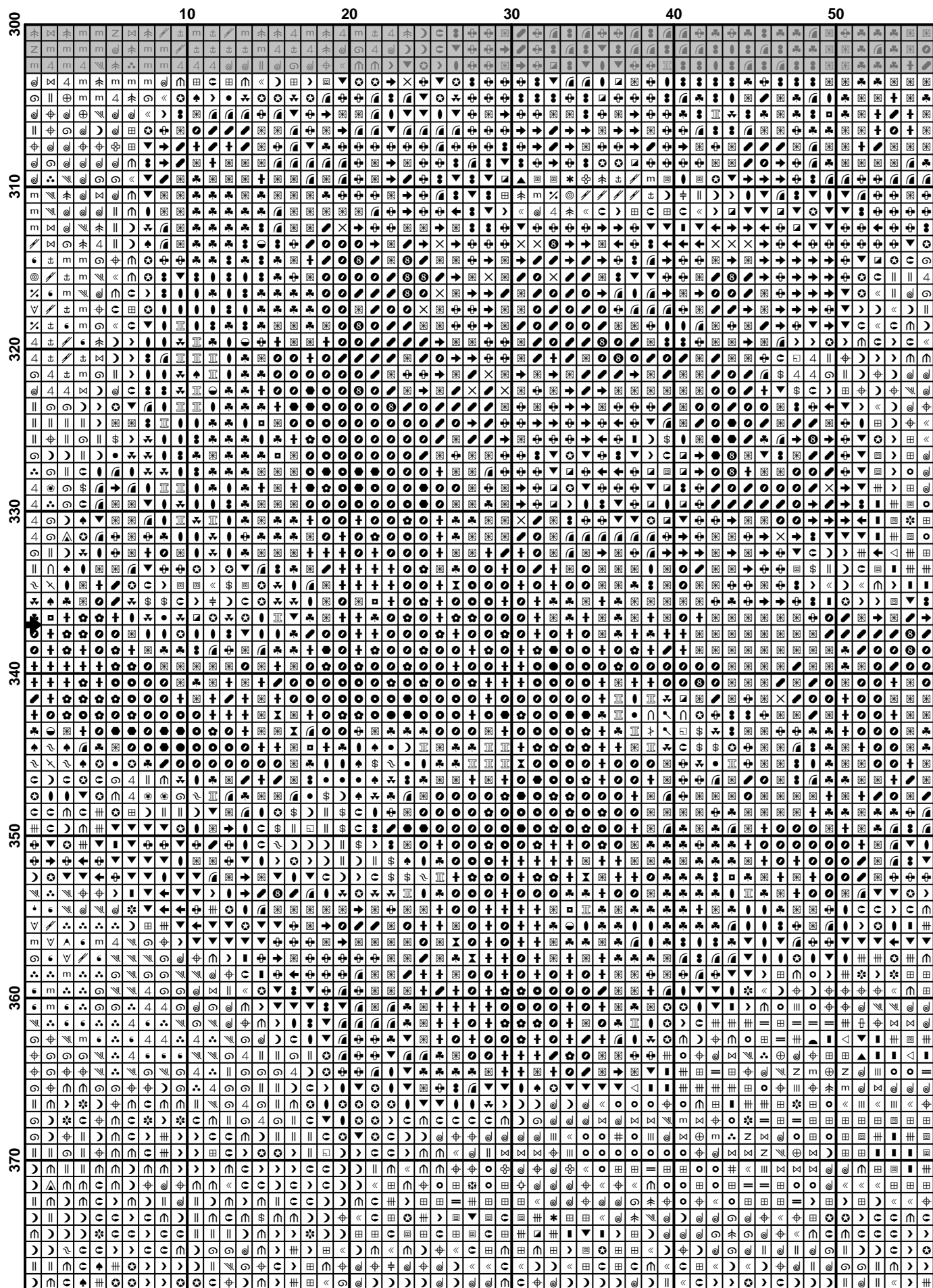


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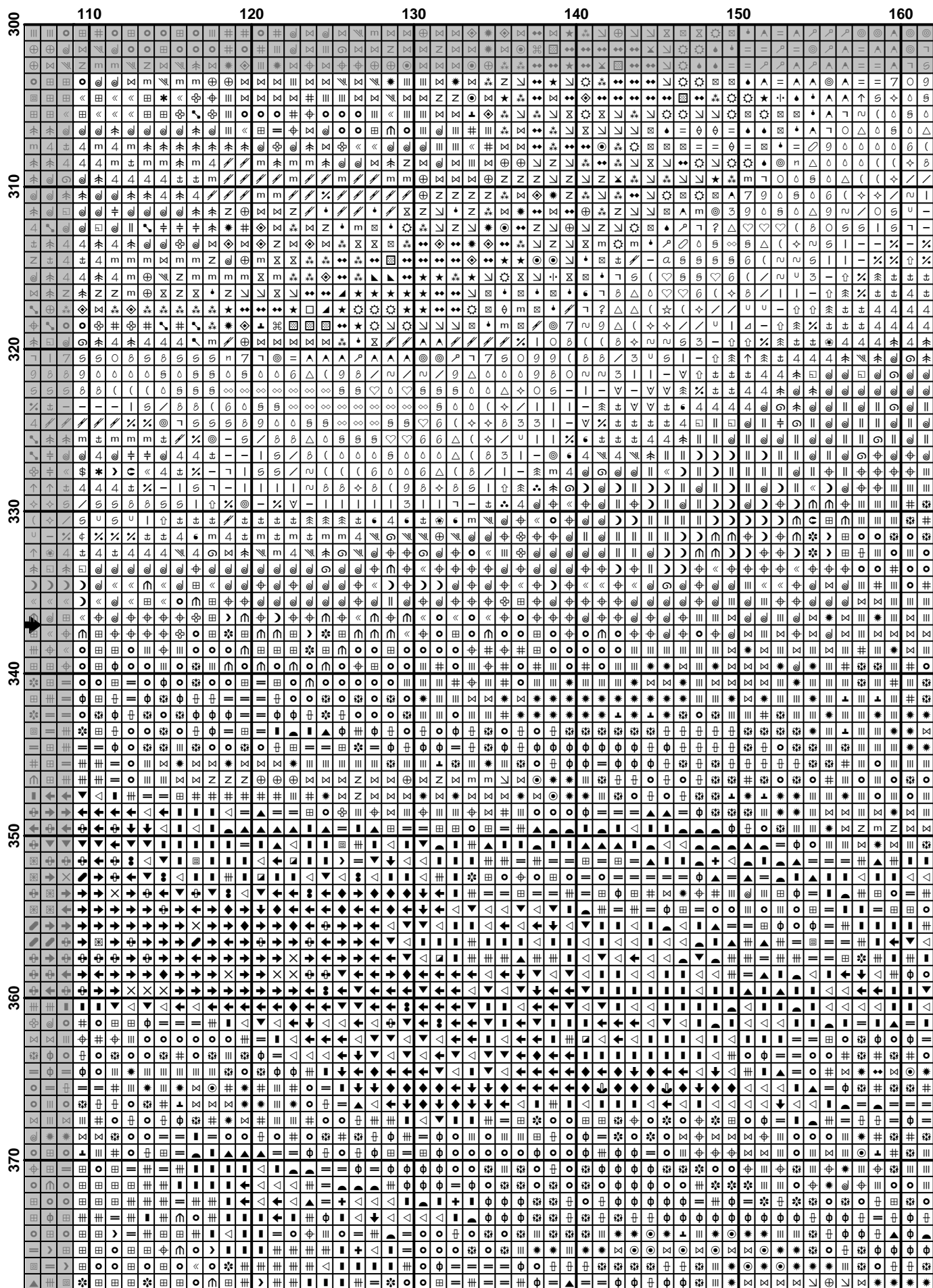
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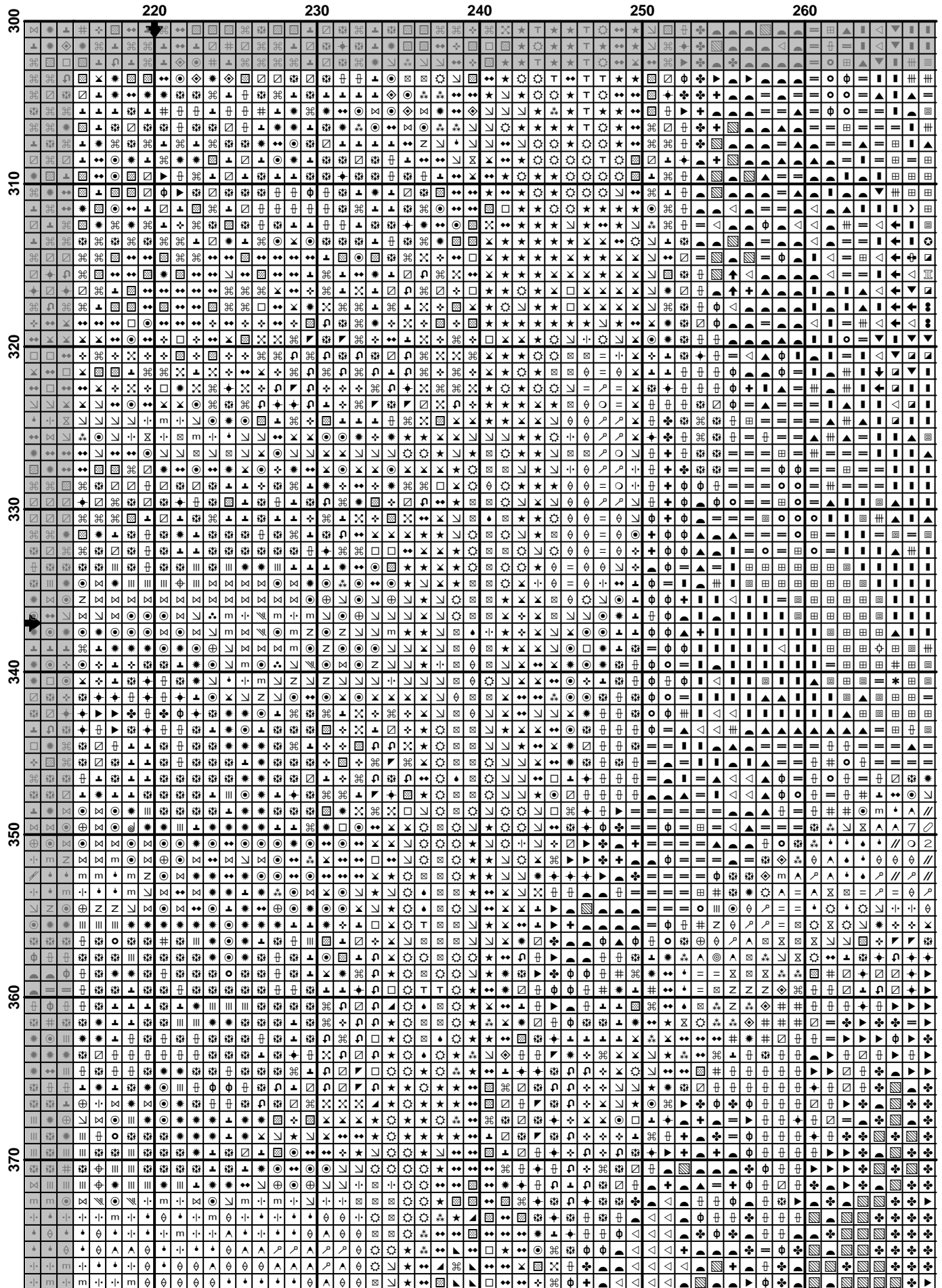
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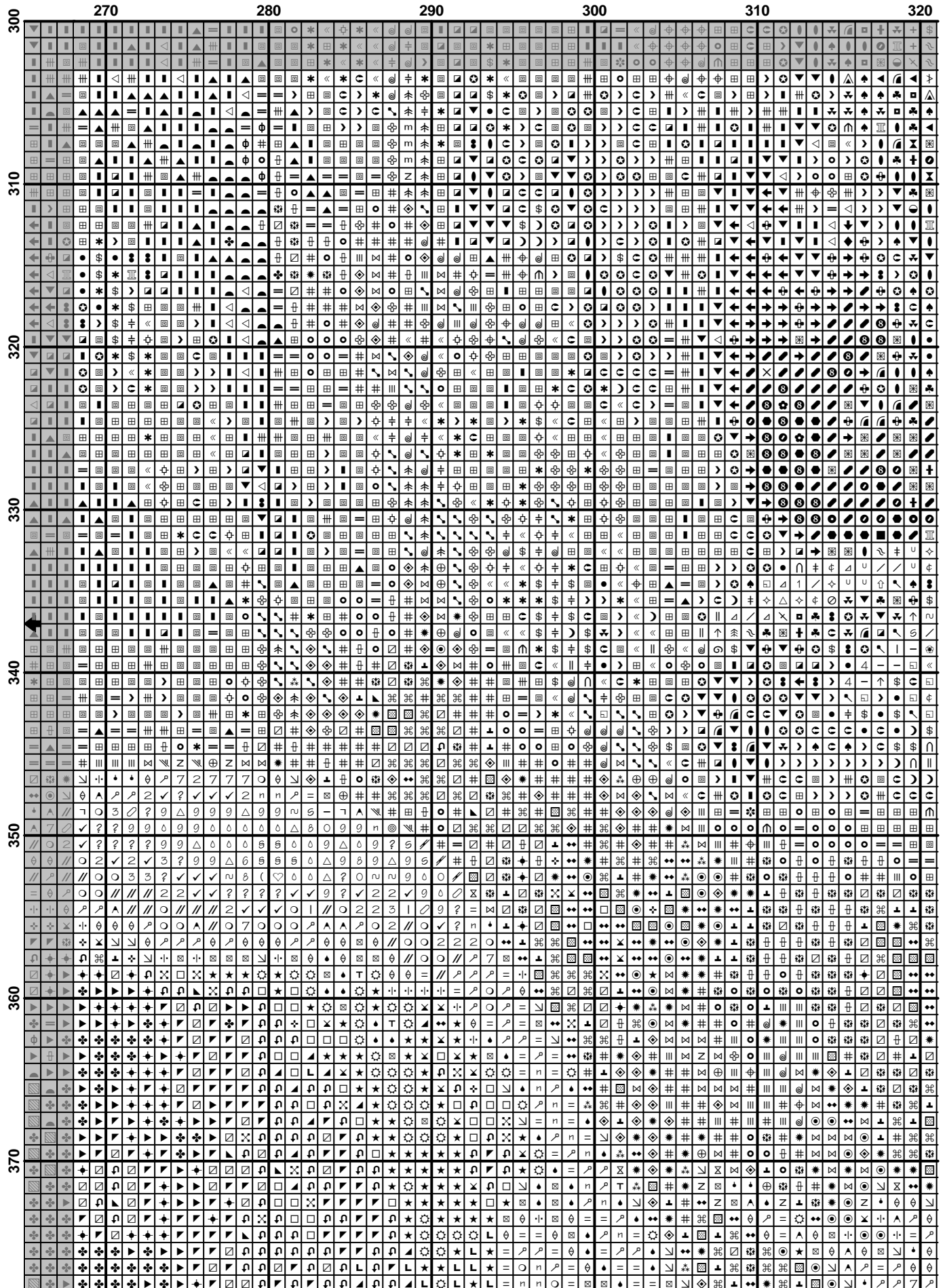


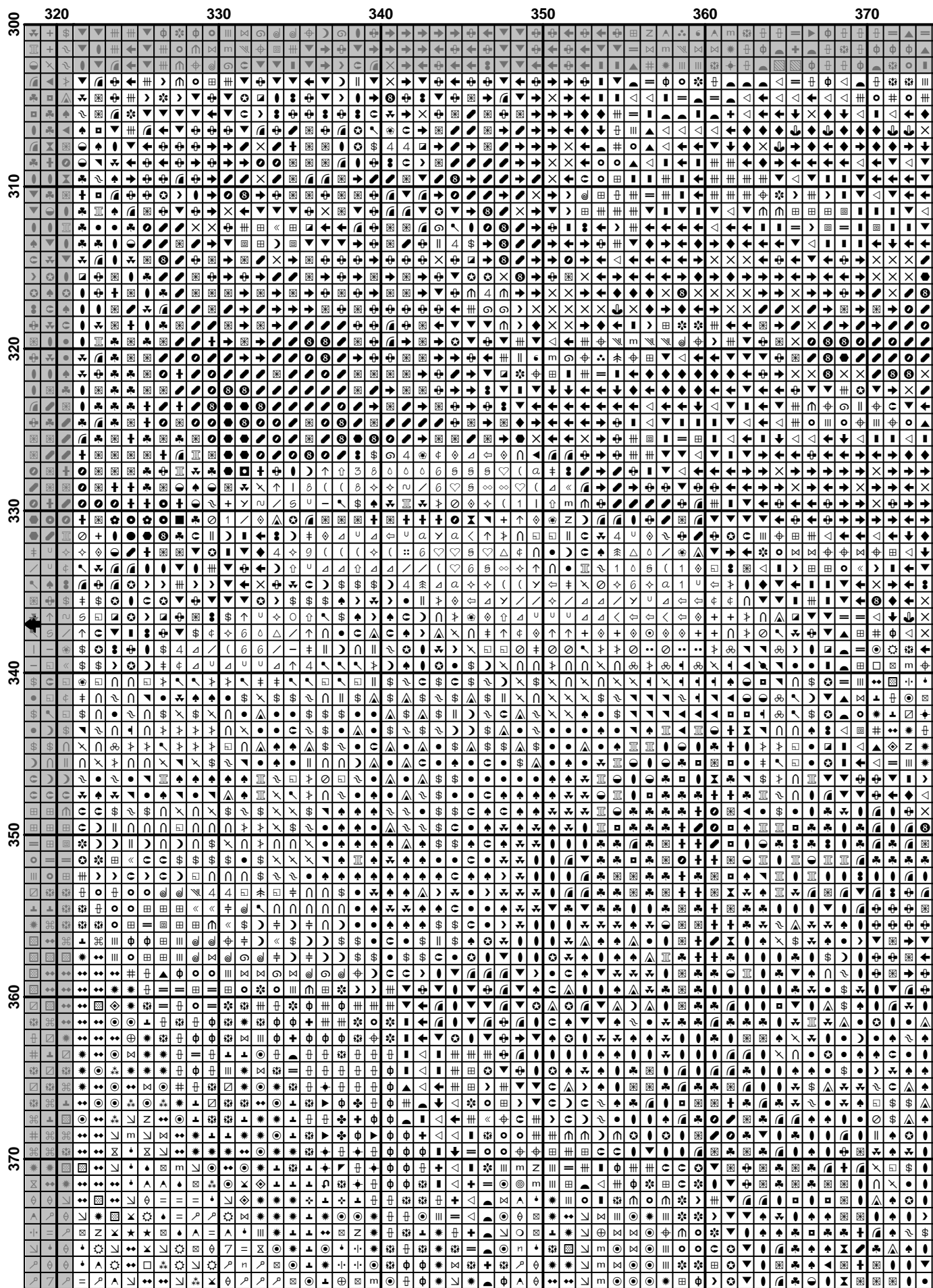
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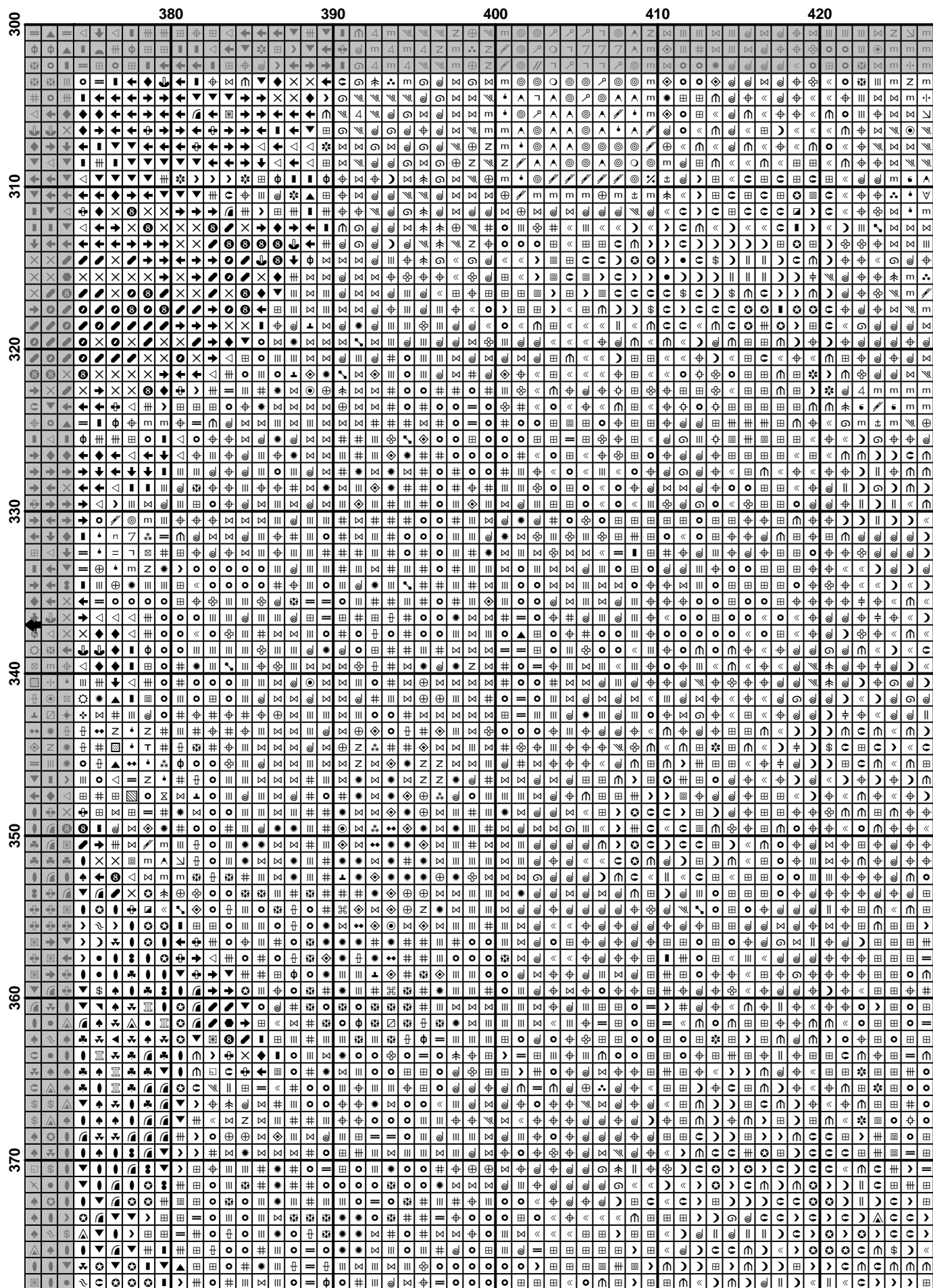


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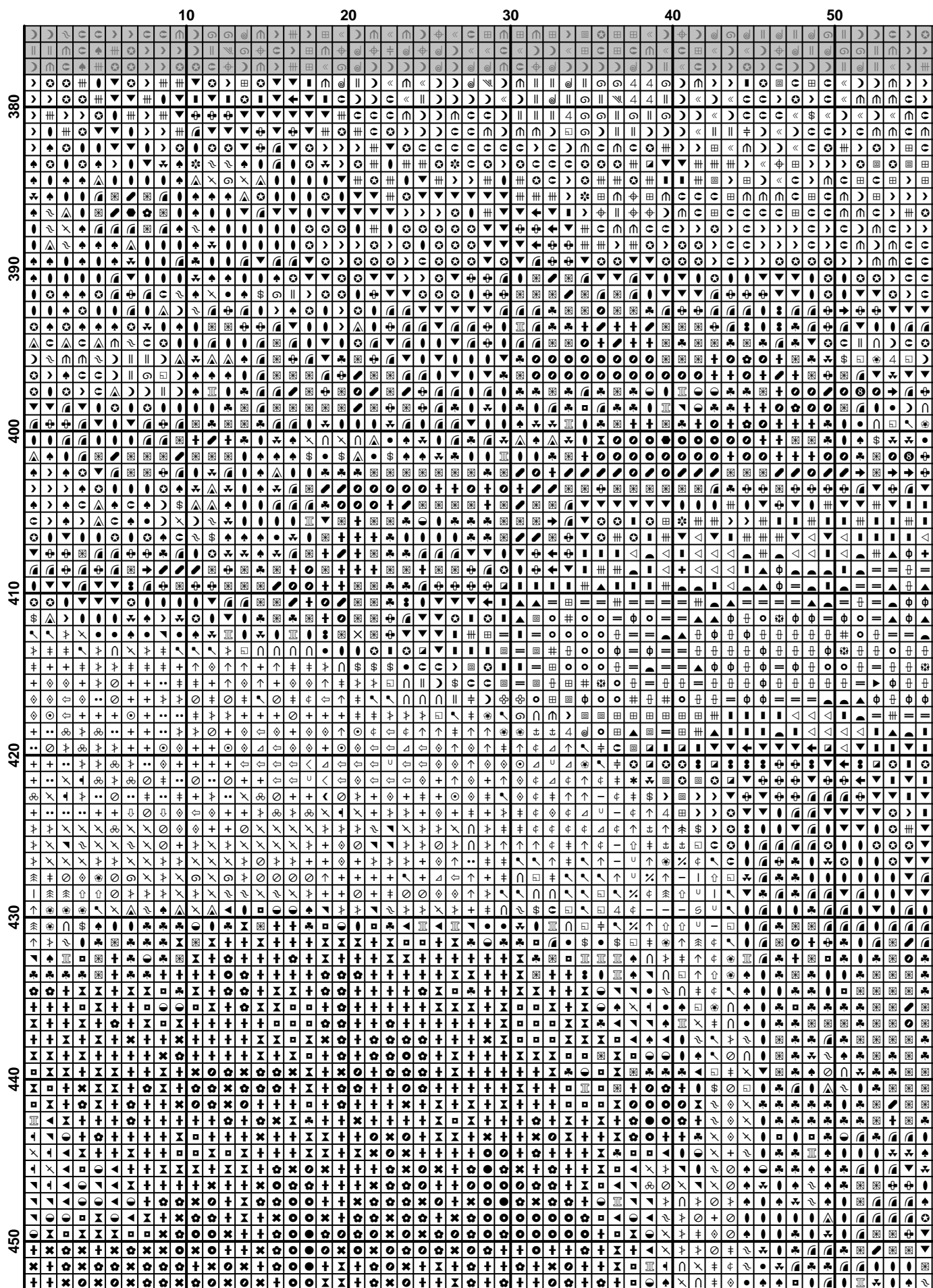


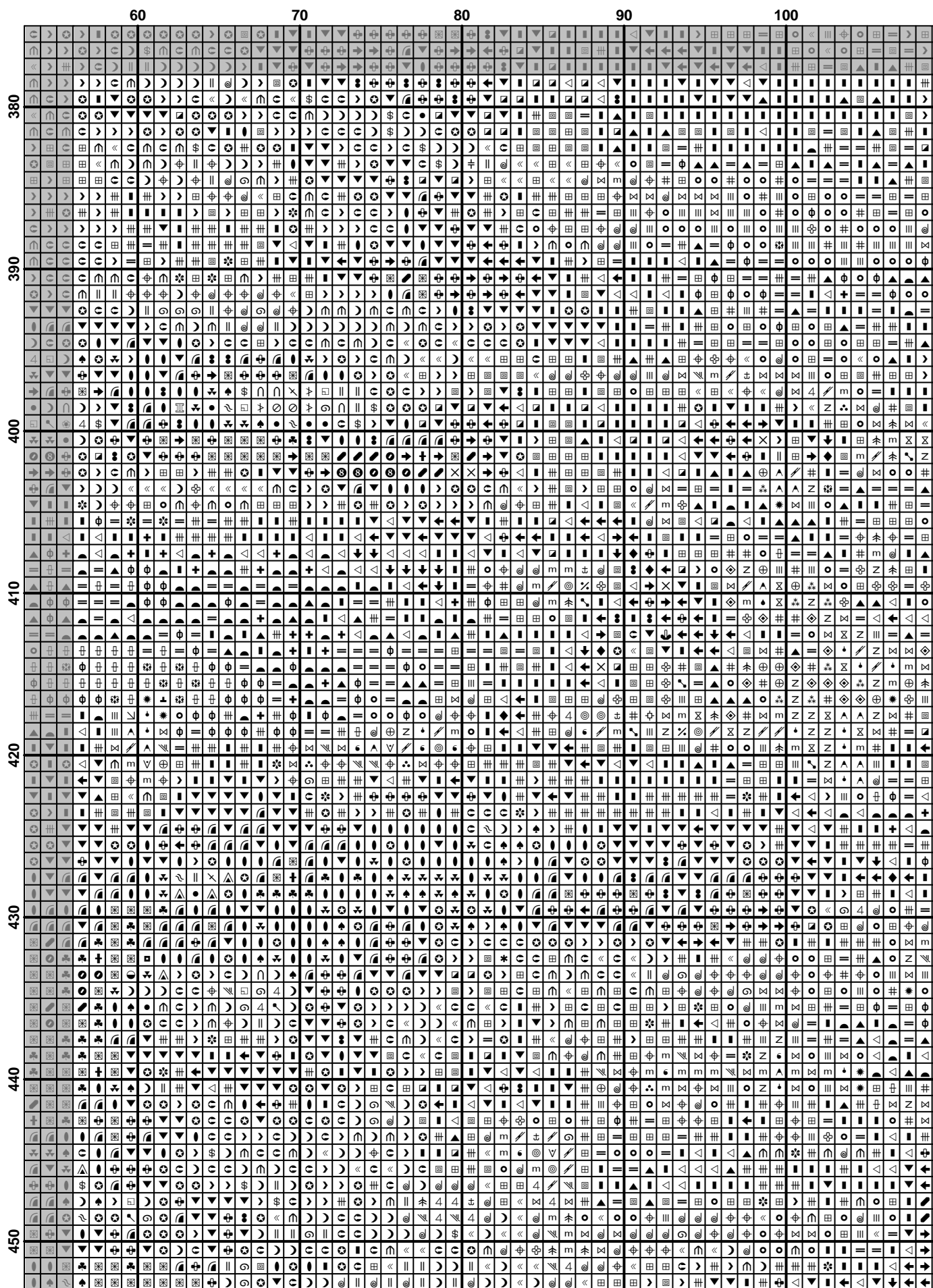


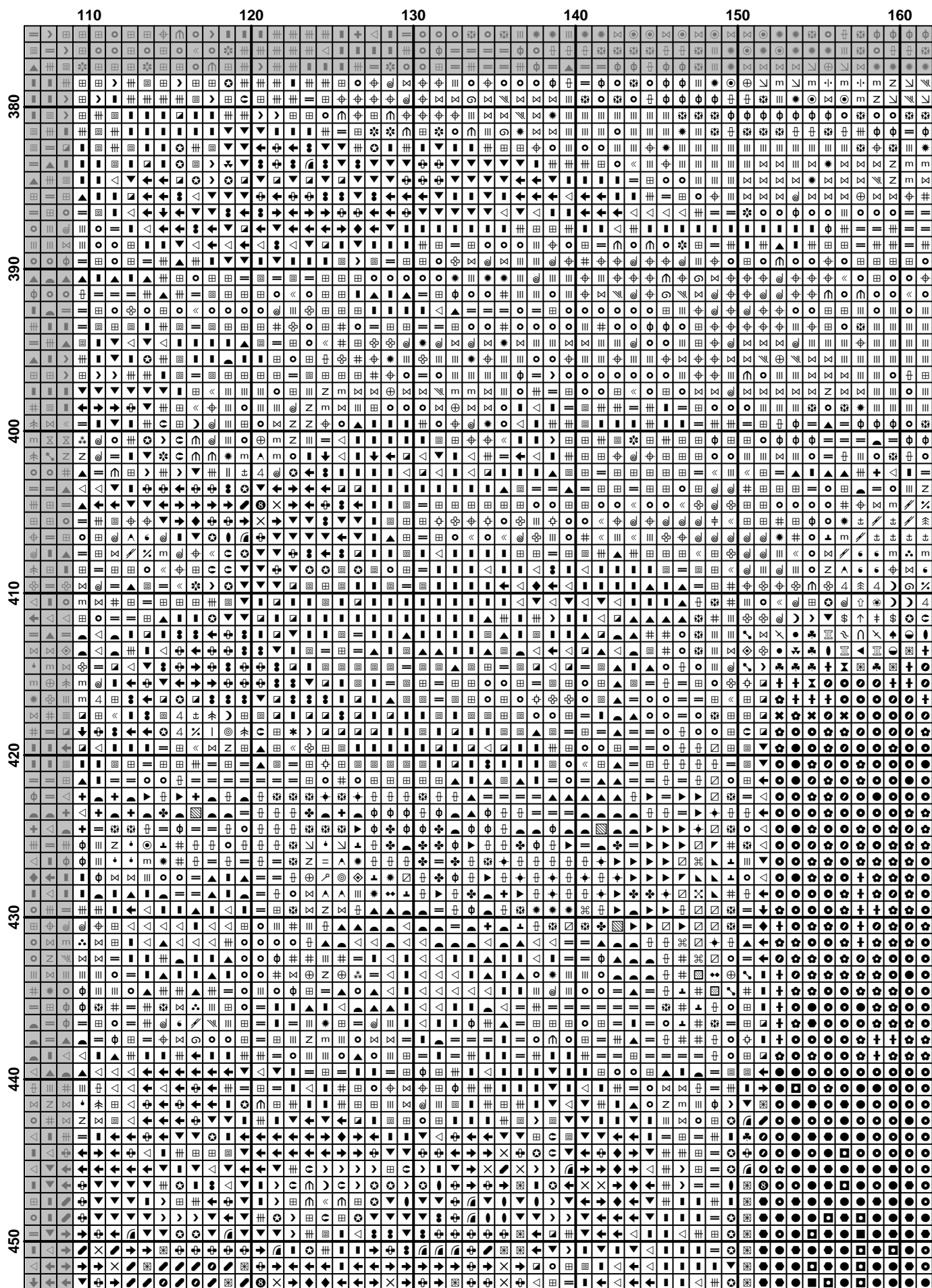


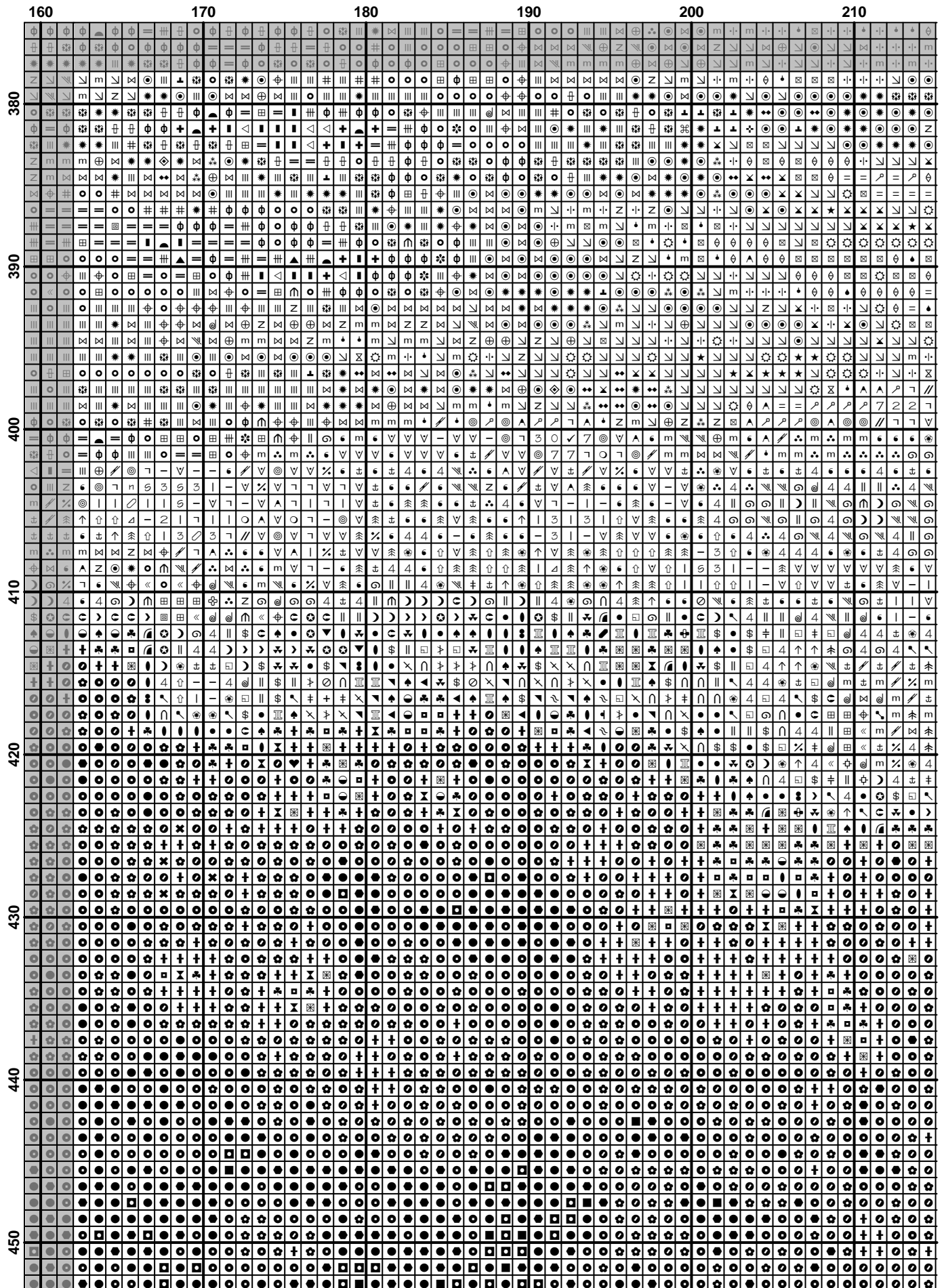


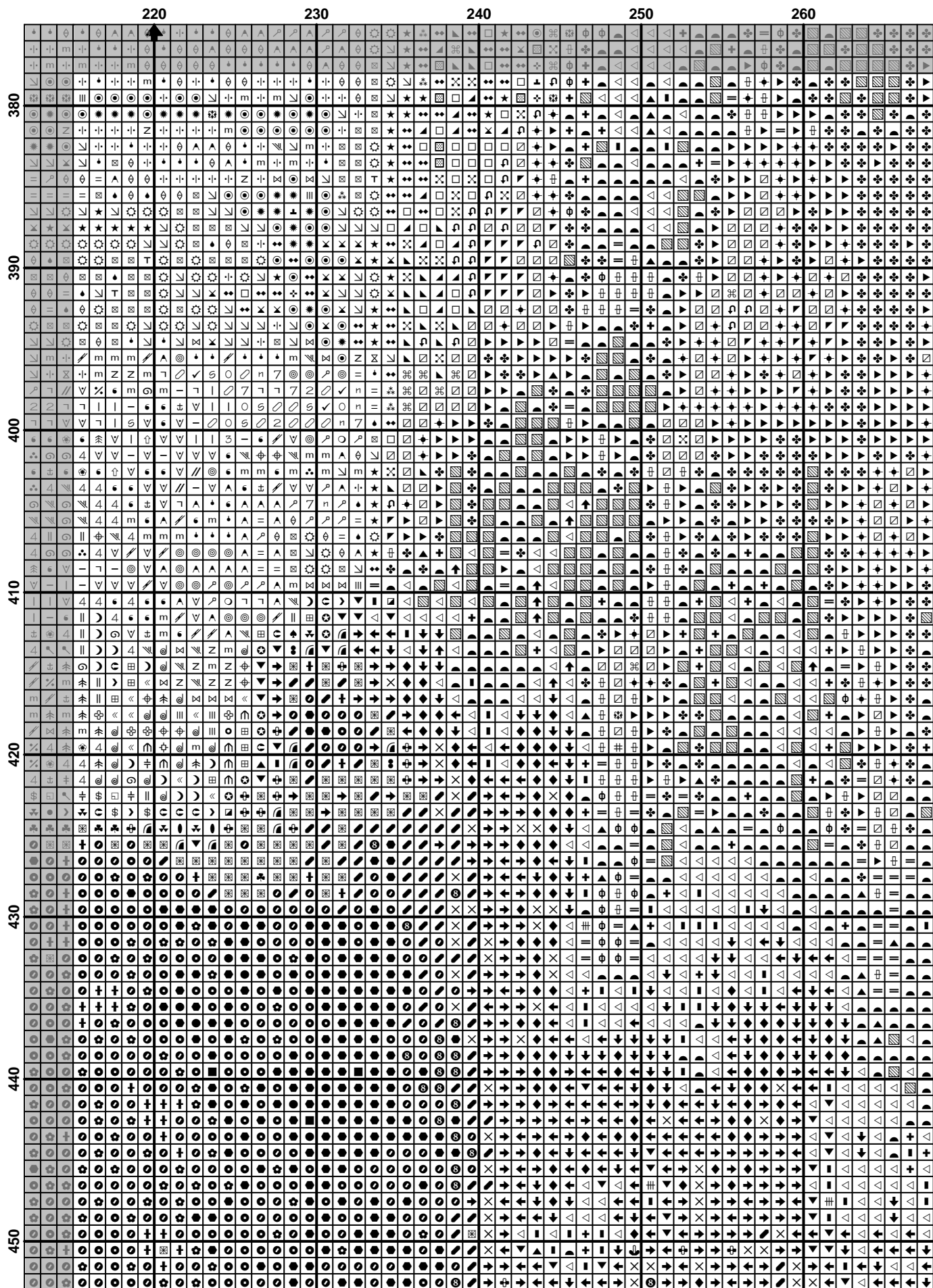
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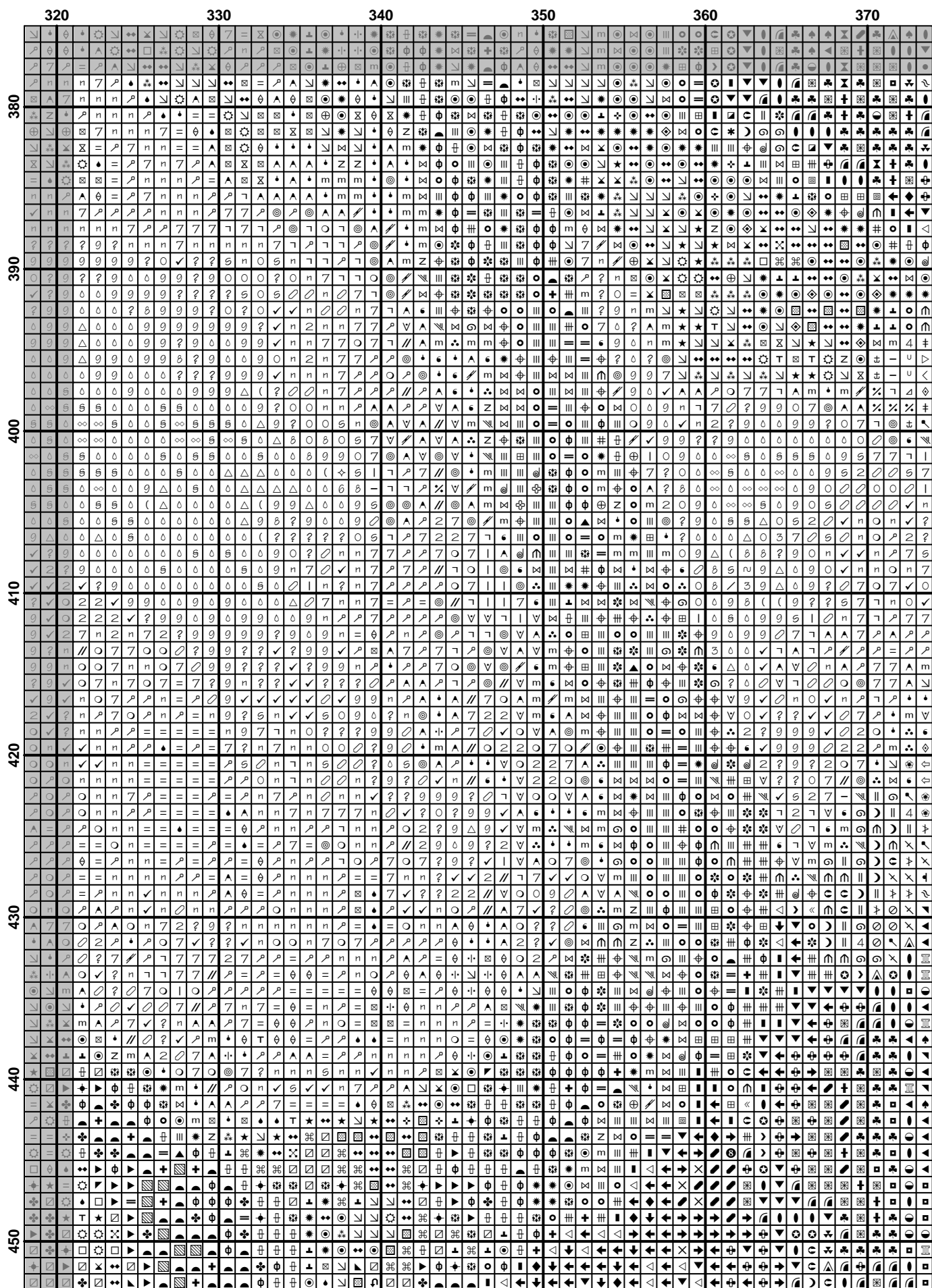




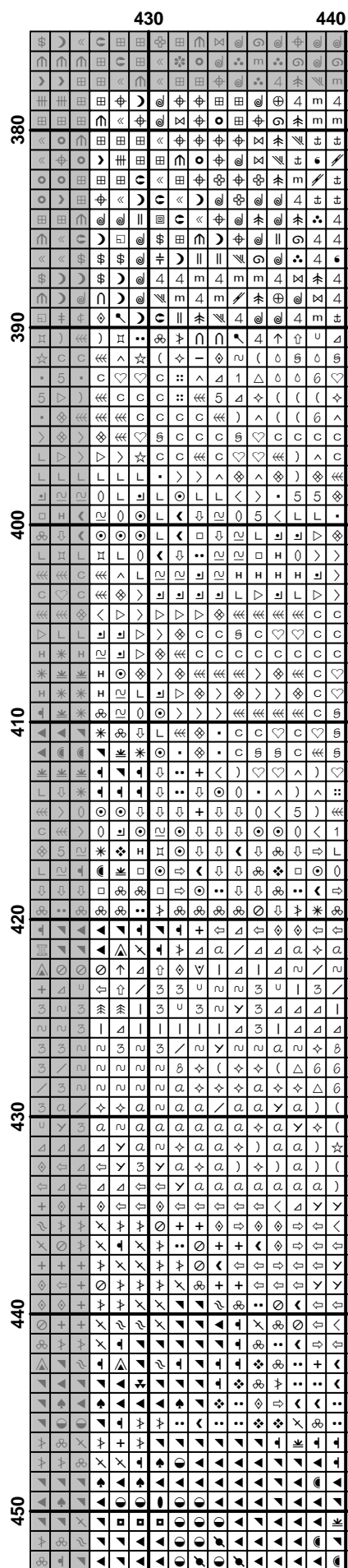


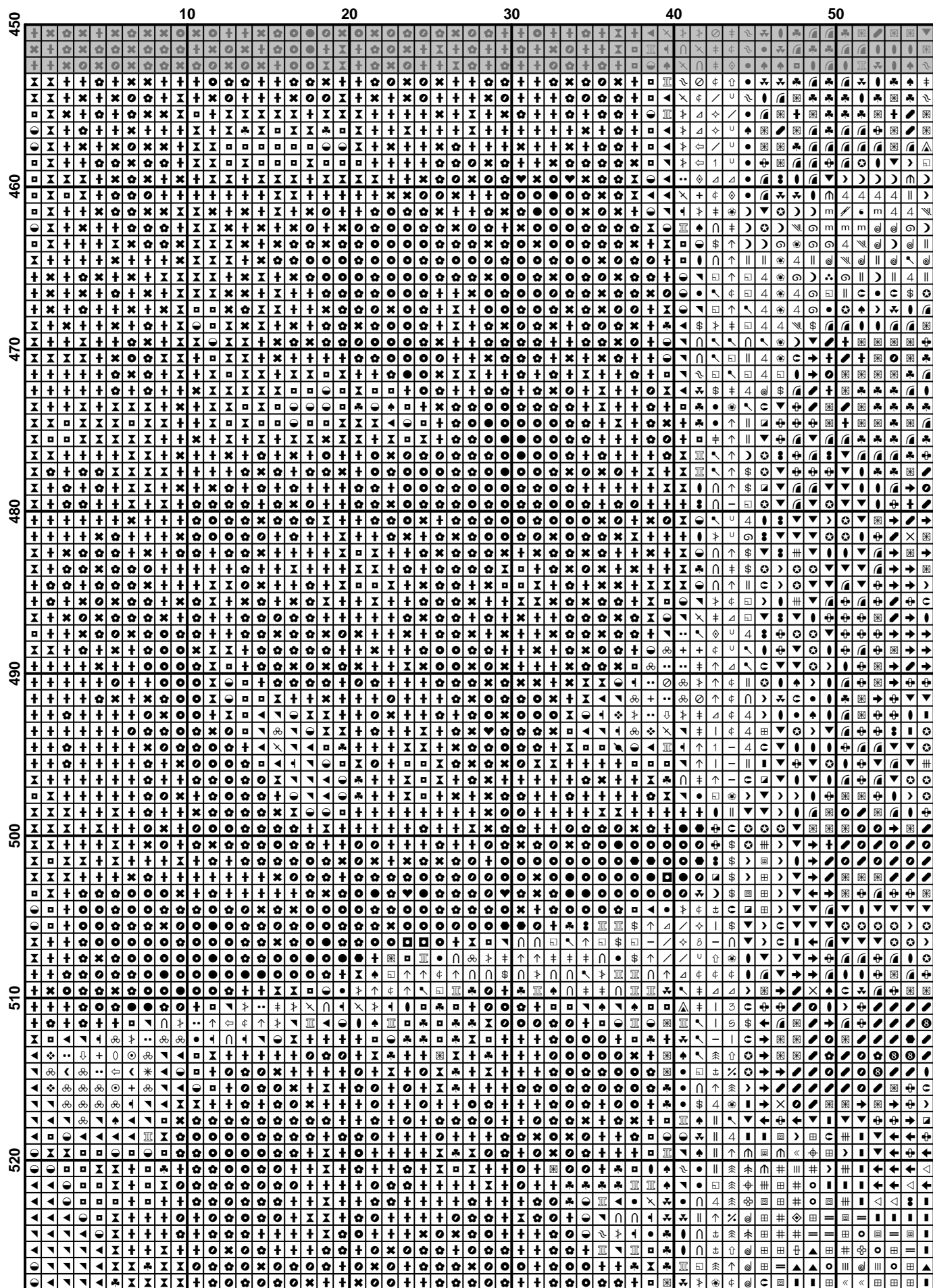


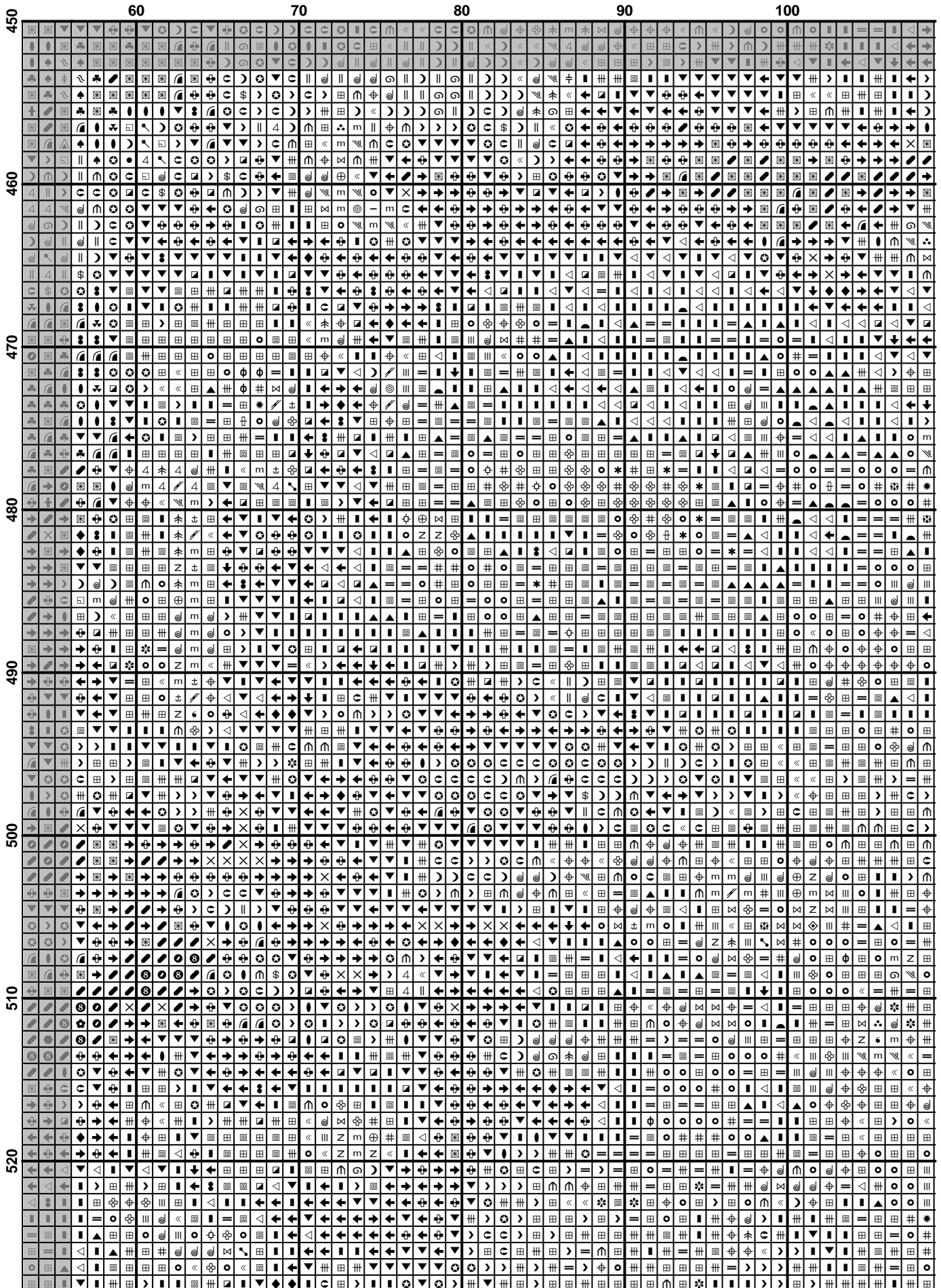
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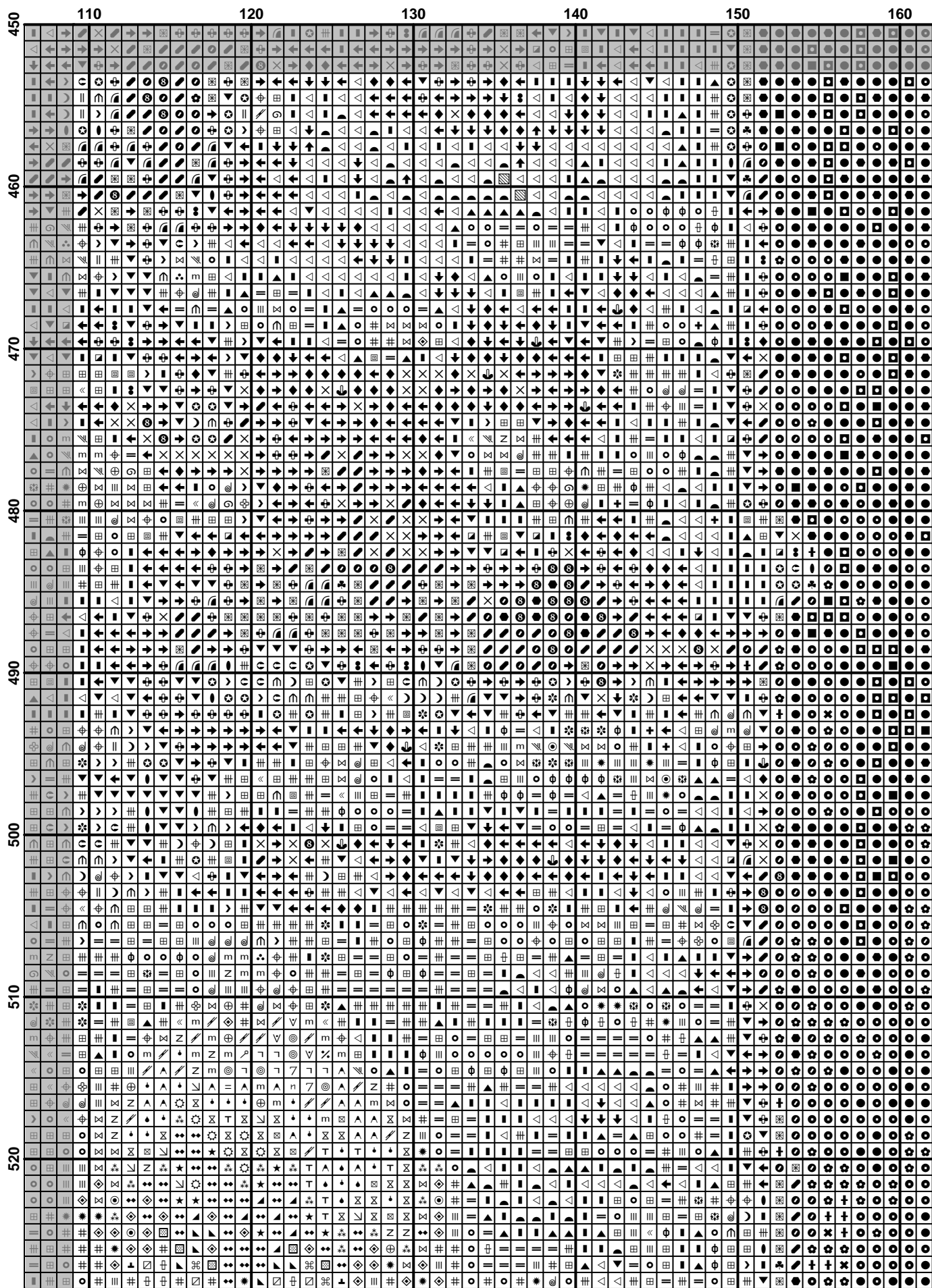


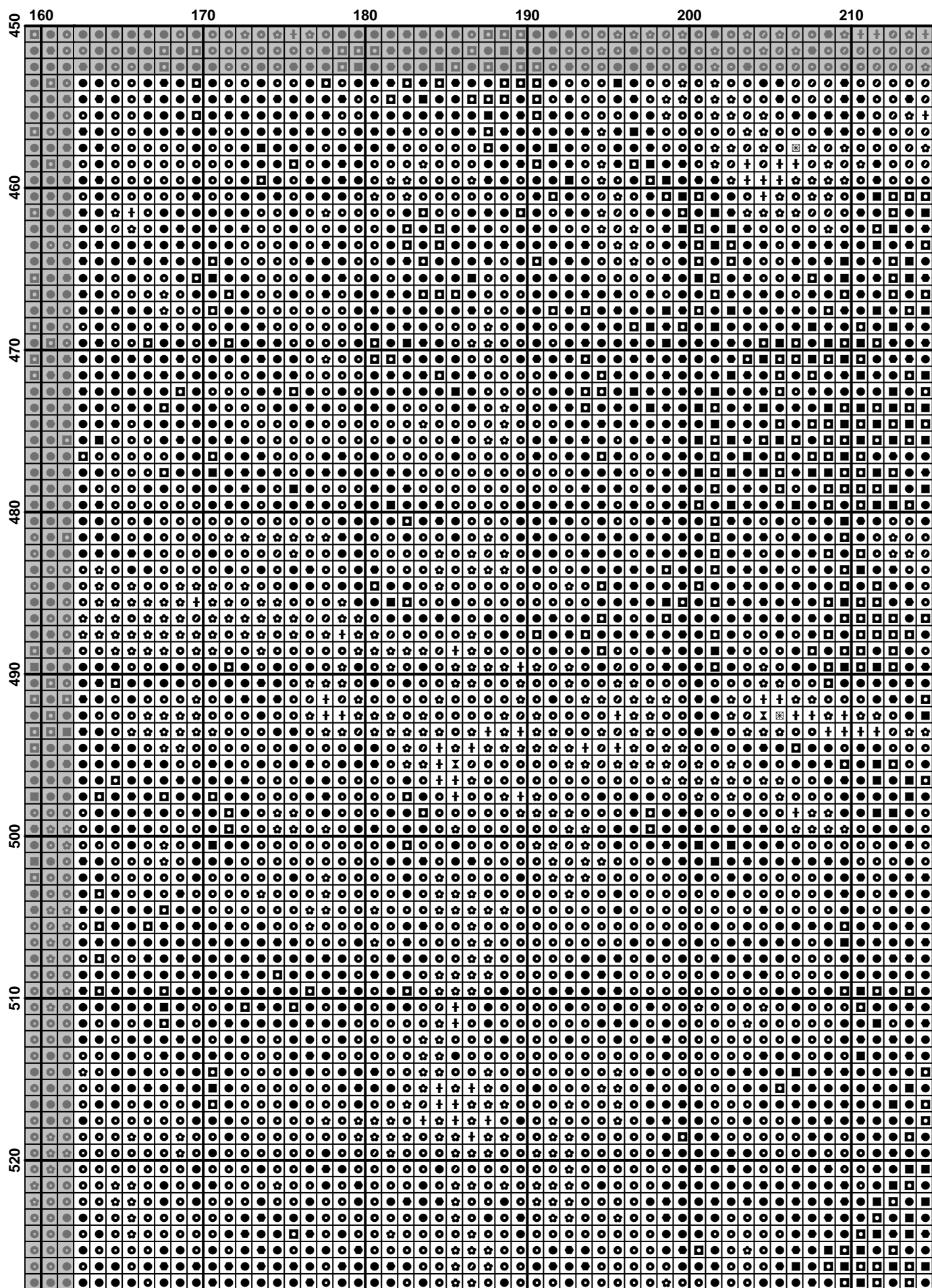
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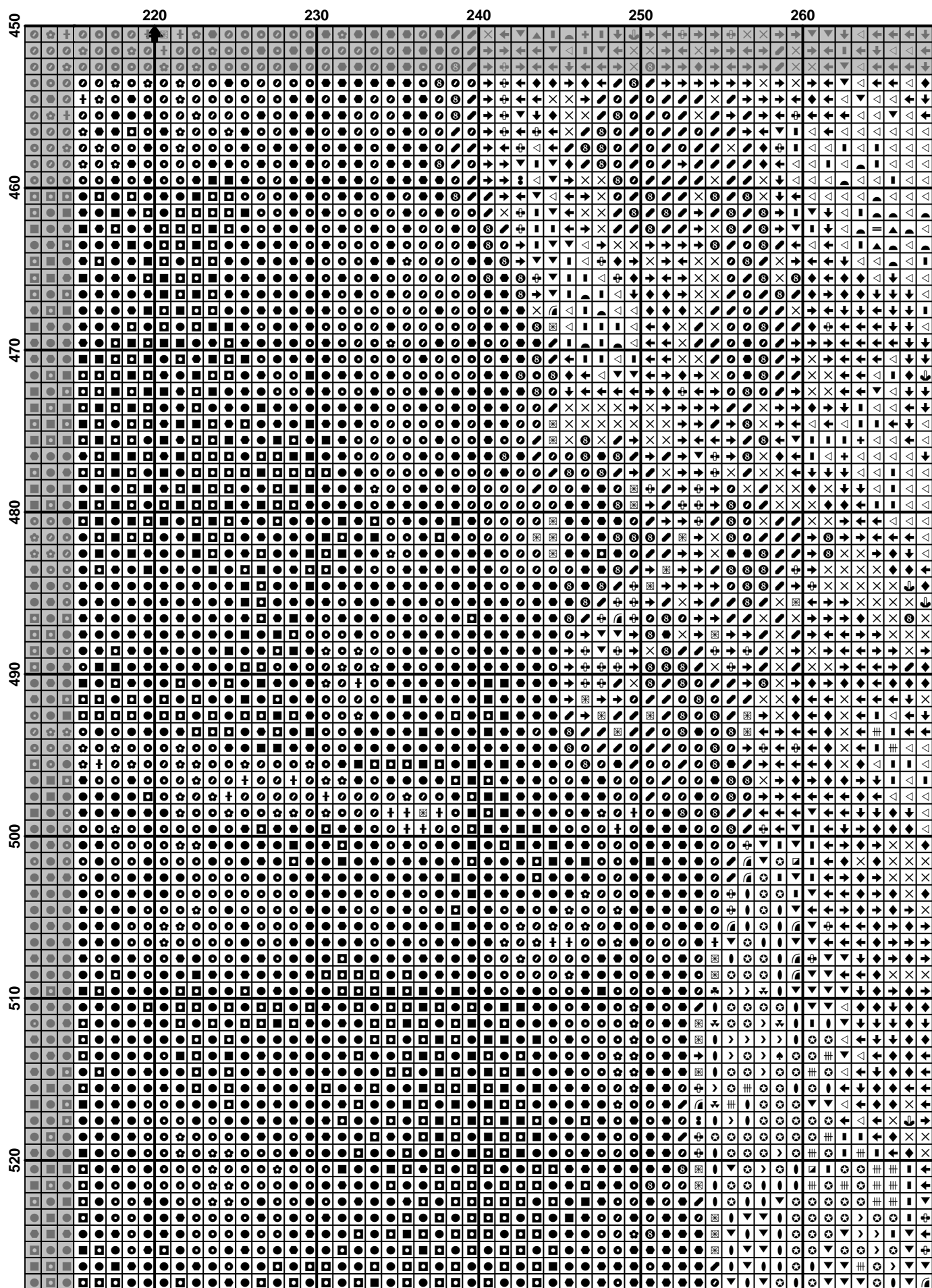


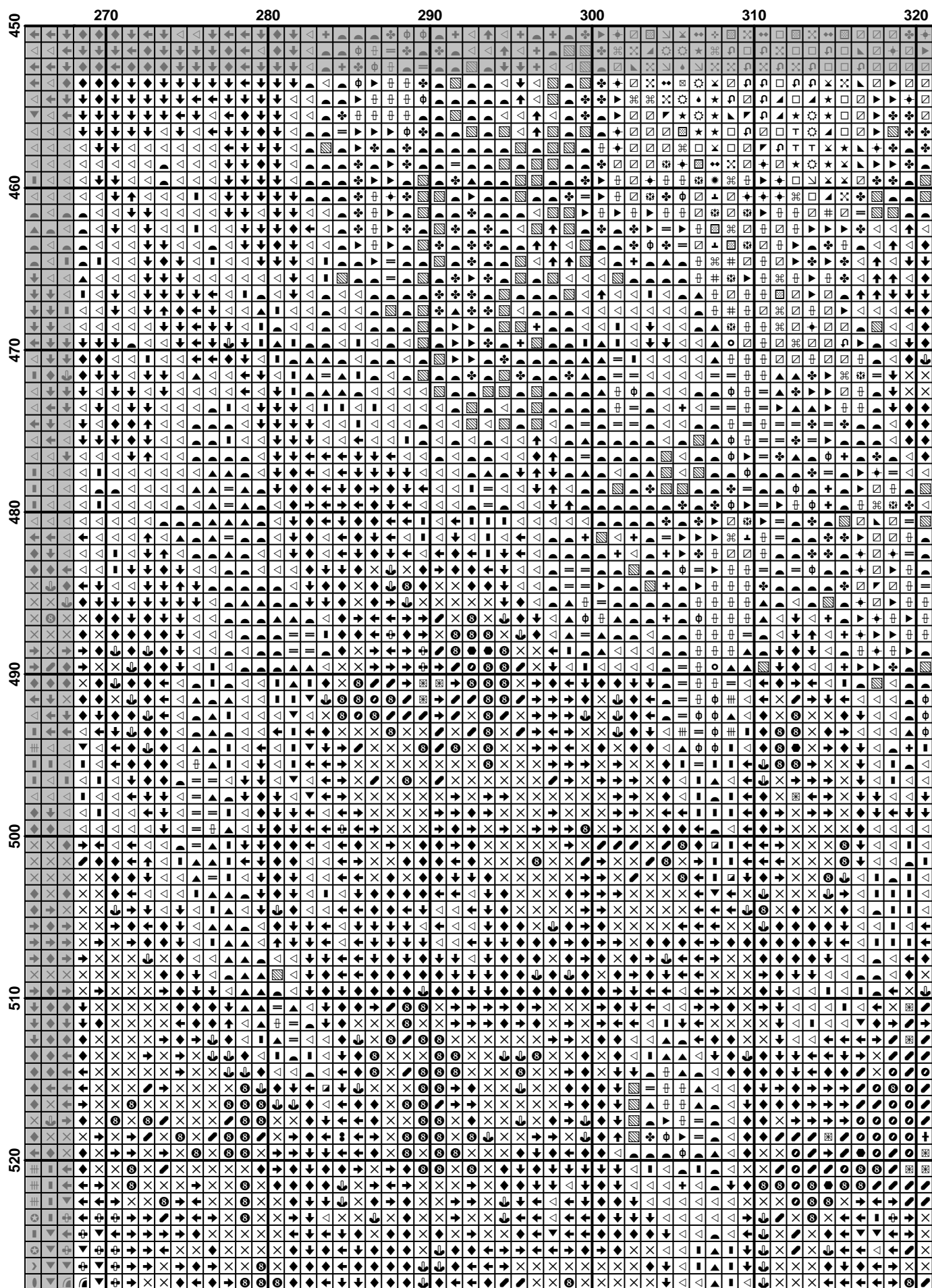


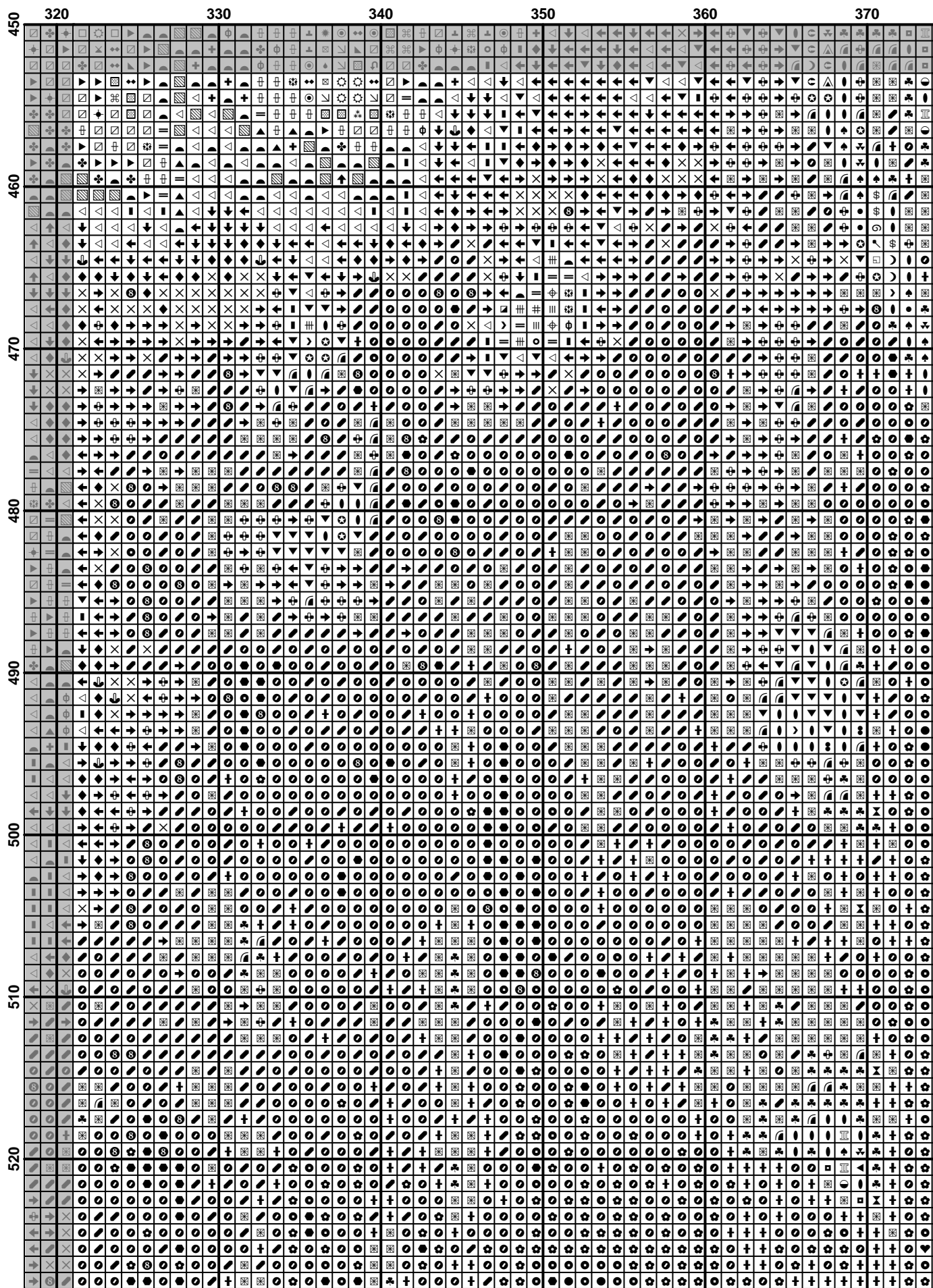


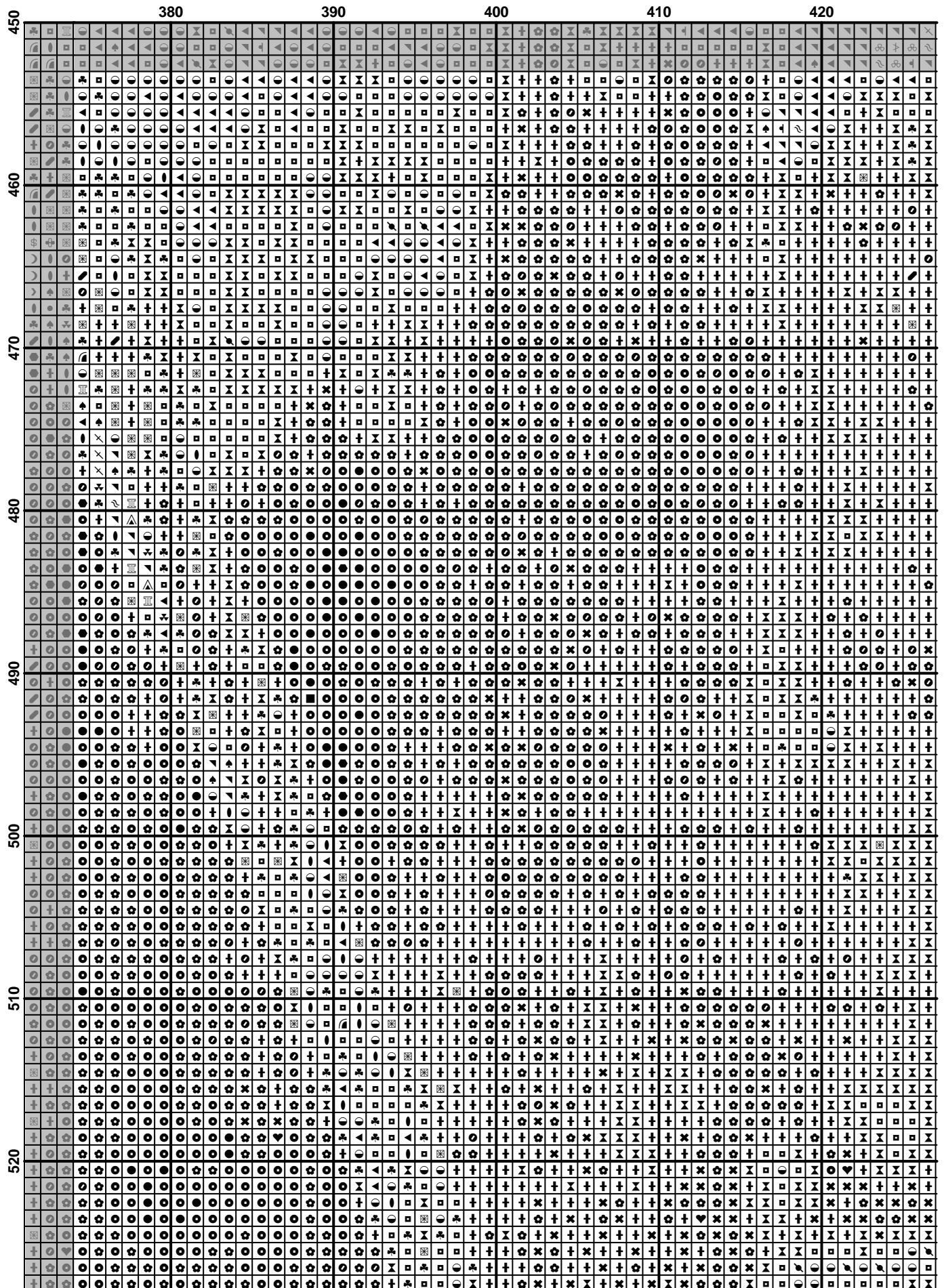


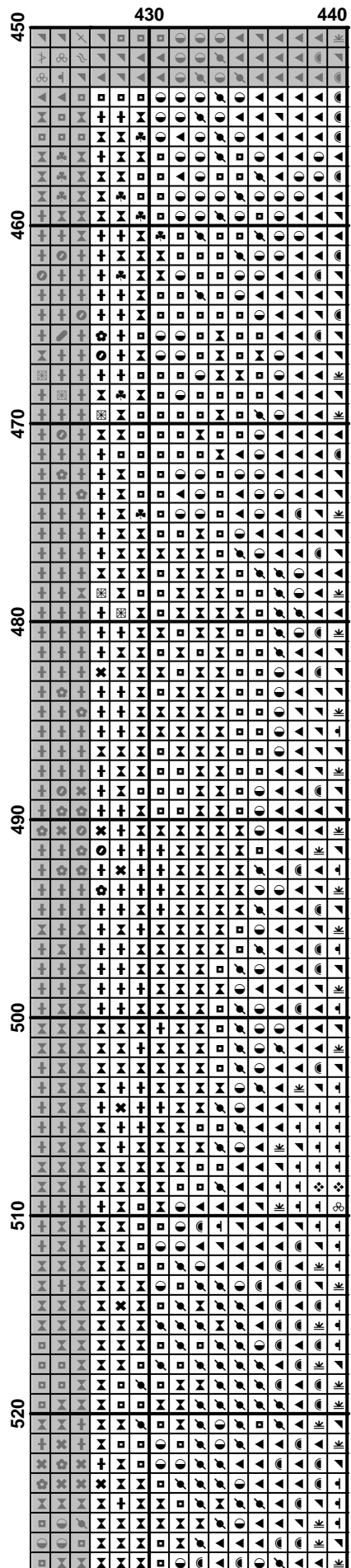












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