

1267 The Lion In Love



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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 Lion In Love

Stitch Count	
Horizontal:	460
Vertical:	364

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:	84	32.78	66	25.87	73	28.68	58	22.64	65	25.5	52	20.125
Including Margins:	100	39	82	32	89	35	74	29	81	32	68	27
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	117	45.89	92	36.21	98	38.24	77	30.18	49	19.12	38	15.09
Including Margins:	133	52	108	43	114	45	93	37	65	26	54	22
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	47	18.35	36	14.48	45	17.65	35	13.93	43	16.99	34	13.41
Including Margins:	63	25	52	21	61	24	51	20	59	23	50	20
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	42	16.39	33	12.93	39	15.29	30	12.07	36	14.34	28	11.31
Including Margins:	58	23	49	19	55	22	46	19	52	21	44	18

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
u	1	White 1
✕	300	Mahogany-VY DK
⊠	301	Mahogany-MD
⊞	350	Coral-MD
↑	352	Coral-LT
♣	355	Terra Cotta-DK
▲	356	Terra Cotta-MD
✂	371	Mustard
■	400	Mahogany-DK
⌘	407	Desert Sand-DK
◐	420	Hazelnut Brown-DK
◑	433	Brown-MD
▨	434	Brown-LT
✧	435	Brown-VY LT
◌	436	Tan
↘	437	Tan-LT
☾	451	Shell Gray-DK
⊞	452	Shell Gray-MD
⬇	498	Christmas Red-DK
⊕	612	Drab Brown-LT
⊞	613	Drab Brown-VY LT
⊞	632	Desert Sand-UL VY DK
†	666	Christmas Red-BRT
◇	676	Old Gold-LT
(677	Old Gold-VY LT
✕	680	Old Gold-DK
♣	721	Orange Spice-MD
⦿	722	Orange Spice-LT
3	725	Topaz
T	729	Old Gold-MD
♠	733	Olive Green-MD
#	734	Olive Green-LT
—	738	Tan-VY LT
♡	739	Tan-UL VY LT
«	746	Off White
8	754	Peach-LT
o	758	Terra Cotta-VY LT
◐	780	Topaz-UL VY DK
★	782	Topaz-DK
×	783	Topaz-MD
⊞	814	Garnet-DK
♣	815	Garnet-MD
⋮	817	Coral Red-VY DK
H	834	Golden Olive-VY LT
o	838	Beige Brown-VY DK
➔	839	Beige Brown-DK
▲	840	Beige Brown-MD
☆	842	Beige Brown-VY LT

☼	898	Coffee Brown-VY DK
o	900	Burnt Orange-DK
✕	918	Red Copper-DK
▲	919	Red Copper
▲	920	Copper-MD
▼	921	Copper
●	938	Coffee Brown-UL DK
e	945	Tawny
⋮	948	Peach-VY LT
5	950	Desert Sand-LT
•	951	Tawny-LT
↓	975	Golden Brown-DK
H	976	Golden Brown-MD
⊞	977	Golden Brown-LT
o	3033	Mocha Brown-VY LT
✓	3046	Yellow Beige-MD
⋮	3064	Desert Sand
∞	3078	Golden Yellow-VY LT
■	3371	Black Brown
▼	3721	Shell Pink-DK
△	3770	Tawny-VY LT
✂	3772	Desert Sand-VY DK
⊞	3776	Mahogany-LT
◐	3778	Terra Cotta-LT
«	3779	Terra Cotta-UL VY LT
⊞	3782	Mocha Brown-LT
⋮	3787	Brown Gray-DK
..	3820	Straw-DK
⦿	3822	Straw-LT
~	3823	Yellow-UL Pale
2	3825	Pumpkin-Pale
*	3826	Golden Brown
::	3827	Golden Brown-Pale
⊞	3828	Hazelnut Brown
✦	3829	Old Gold-VY DK
■	3830	Terra Cotta-MD
⊞	3852	Straw-VY DK
⊞	3853	Autumn Gold-DK
⊞	3854	Autumn Gold-MD
▷	3855	Autumn Gold-LT
↗	3856	Mahogany-UL VY LT
◆	3857	Rosewood-DK
↘	3859	Rosewood-LT
o	3861	Cocoa-LT
■	3862	Mocha Beige-DK
⊞	3864	Mocha Beige-LT
1	3865	Winter White
□	3866	Mocha Brown-UL VY LT

Blend Stitches. Use one strand of each of DMC1 and DMC2 for these stitches.

Symbol	DMC1	Name1	DMC2	Name2
✕	436	Tan	437	Tan-LT
‡	758	Terra Cotta-VY LT	842	Beige Brown-VY LT
⌵	758	Terra Cotta-VY LT	3864	Mocha Beige-LT
/	453	Shell Gray-LT	543	Beige Brown-UL VY LT
⦿	434	Brown-LT	831	Golden Olive-MD
●	780	Topaz-UL VY DK	782	Topaz-DK
✱	721	Orange Spice-MD	3852	Straw-VY DK
⦿	420	Hazelnut Brown-DK	3828	Hazelnut Brown
⊕	632	Desert Sand-UL VY DK	3862	Mocha Beige-DK
⬆	921	Copper	976	Golden Brown-MD
⦿	356	Terra Cotta-MD	436	Tan
✕	721	Orange Spice-MD	921	Copper
⌵	738	Tan-VY LT	754	Peach-LT
^	407	Desert Sand-DK	758	Terra Cotta-VY LT
//	420	Hazelnut Brown-DK	436	Tan
↩	3855	Autumn Gold-LT	3046	Yellow Beige-MD
⦿	976	Golden Brown-MD	3828	Hazelnut Brown
=	3830	Terra Cotta-MD	435	Brown-VY LT
^	3823	Yellow-UL Pale	951	Tawny-LT
4	543	Beige Brown-UL VY LT	950	Desert Sand-LT
)	822	Beige Gray-LT	948	Peach-VY LT
7	224	Shell Pink-VY LT	950	Desert Sand-LT
L	948	Peach-VY LT	950	Desert Sand-LT
:	453	Shell Gray-LT	225	Shell Pink-UL VY LT
6	842	Beige Brown-VY LT	225	Shell Pink-UL VY LT
I	225	Shell Pink-UL VY LT	3866	Mocha Brown-UL VY LT
o	ecru	Ecru	225	Shell Pink-UL VY LT
9	677	Old Gold-VY LT	758	Terra Cotta-VY LT
<	677	Old Gold-VY LT	3855	Autumn Gold-LT
=	3855	Autumn Gold-LT	754	Peach-LT
⊕	3776	Mahogany-LT	436	Tan
•	437	Tan-LT	3856	Mahogany-UL VY LT
n	746	Off White	225	Shell Pink-UL VY LT
⊕	729	Old Gold-MD	436	Tan
‡	739	Tan-UL VY LT	3828	Hazelnut Brown
↑	300	Mahogany-VY DK	400	Mahogany-DK
+	738	Tan-VY LT	948	Peach-VY LT
←	400	Mahogany-DK	919	Red Copper
●	814	Garnet-DK	938	Coffee Brown-UL DK
⦿	920	Copper-MD	921	Copper
⦿	3776	Mahogany-LT	3826	Golden Brown
‡	758	Terra Cotta-VY LT	3778	Terra Cotta-LT
⦿	3826	Golden Brown	975	Golden Brown-DK
⌵	3856	Mahogany-UL VY LT	758	Terra Cotta-VY LT
⌵	3825	Pumpkin-Pale	3826	Golden Brown
L	350	Coral-MD	3778	Terra Cotta-LT
⊕	301	Mahogany-MD	920	Copper-MD
\$	758	Terra Cotta-VY LT	351	Coral
+	900	Burnt Orange-DK	920	Copper-MD
*	350	Coral-MD	900	Burnt Orange-DK
⦿	976	Golden Brown-MD	977	Golden Brown-LT
∅	613	Drab Brown-VY LT	677	Old Gold-VY LT
m	453	Shell Gray-LT	224	Shell Pink-VY LT

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III	224	Shell Pink-VY LT	452	Shell Gray-MD
☺	733	Olive Green-MD	734	Olive Green-LT
◀	3778	Terra Cotta-LT	3064	Desert Sand
🦋	666	Christmas Red-BRT	817	Coral Red-VY DK
🦋	722	Orange Spice-LT	351	Coral
✓	3782	Mocha Brown-LT	3046	Yellow Beige-MD
◀	946	Burnt Orange-MD	666	Christmas Red-BRT
III	972	Canary-DK	3852	Straw-VY DK
✂	972	Canary-DK	741	Tangerine-MD
🦋	721	Orange Spice-MD	782	Topaz-DK
♠	918	Red Copper-DK	3776	Mahogany-LT
🦋	433	Brown-MD	632	Desert Sand-UL VY DK
🦋	3371	Black Brown	938	Coffee Brown-UL DK
✱	817	Coral Red-VY DK	900	Burnt Orange-DK
✂	920	Copper-MD	782	Topaz-DK
♦♦	420	Hazelnut Brown-DK	435	Brown-VY LT
♥	814	Garnet-DK	815	Garnet-MD

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	5210	2051	4962	1953	4466	1758
224	Shell Pink-VY LT	376	148	358	140	322	126
225	Shell Pink-UL VY LT	661	260	629	247	566	222
300	Mahogany-VY DK	3559	1401	3389	1334	3050	1200
301	Mahogany-MD	353	138	336	132	302	118
350	Coral-MD	39	15	38	14	34	13
351	Coral	32	12	30	11	27	10
352	Coral-LT	12	4	11	4	10	3
355	Terra Cotta-DK	38	14	37	14	33	12
356	Terra Cotta-MD	320	125	305	120	274	107
371	Mustard	30	11	29	11	26	10
400	Mahogany-DK	2731	1075	2601	1024	2341	921
407	Desert Sand-DK	410	161	390	153	351	138
420	Hazelnut Brown-DK	310	122	295	116	265	104
433	Brown-MD	258	101	246	96	221	87
434	Brown-LT	182	71	173	68	156	61
435	Brown-VY LT	459	180	437	172	393	154
436	Tan	854	336	814	320	732	288
437	Tan-LT	627	246	597	235	537	211
451	Shell Gray-DK	18	7	17	6	15	5
452	Shell Gray-MD	119	46	113	44	102	40
453	Shell Gray-LT	470	185	447	175	402	158
498	Christmas Red-DK	186	73	177	69	159	62
543	Beige Brown-UL VY LT	239	94	227	89	205	80
612	Drab Brown-LT	75	29	72	28	65	25
613	Drab Brown-VY LT	143	56	137	53	123	48
632	Desert Sand-UL VY DK	244	96	233	91	209	82
666	Christmas Red-BRT	309	121	294	115	265	104
676	Old Gold-LT	54	21	52	20	46	18
677	Old Gold-VY LT	334	131	319	125	287	112
680	Old Gold-DK	127	50	121	47	109	42
721	Orange Spice-MD	266	104	254	100	228	89
722	Orange Spice-LT	44	17	42	16	37	14
725	Topaz	21	8	20	7	18	7
729	Old Gold-MD	180	70	171	67	154	60
733	Olive Green-MD	67	26	64	25	58	22
734	Olive Green-LT	101	39	96	37	86	33
738	Tan-VY LT	579	227	552	217	496	195
739	Tan-UL VY LT	323	127	307	120	276	108
741	Tangerine-MD	8	3	8	3	7	2
746	Off White	93	36	89	35	80	31
754	Peach-LT	343	135	327	128	294	115
758	Terra Cotta-VY LT	907	357	864	340	777	305
780	Topaz-UL VY DK	692	272	659	259	593	233
782	Topaz-DK	717	282	683	268	614	241
783	Topaz-MD	86	33	82	32	74	29
814	Garnet-DK	2851	1122	2715	1068	2443	961
815	Garnet-MD	466	183	444	174	400	157
817	Coral Red-VY DK	359	141	342	134	308	121
822	Beige Gray-LT	114	44	108	42	97	38
831	Golden Olive-MD	22	8	21	8	19	7
834	Golden Olive-VY LT	128	50	122	48	109	42
838	Beige Brown-VY DK	31	12	30	11	27	10

839	Beige Brown-DK	42	16	40	15	36	14
840	Beige Brown-MD	34	13	33	12	29	11
842	Beige Brown-VY LT	649	255	619	243	557	219
898	Coffee Brown-VY DK	240	94	229	90	206	81
900	Burnt Orange-DK	146	57	139	54	125	49
918	Red Copper-DK	460	181	438	172	394	155
919	Red Copper	851	335	811	319	730	287
920	Copper-MD	817	321	778	306	700	275
921	Copper	378	148	360	141	324	127
938	Coffee Brown-UL DK	5100	2007	4857	1912	4372	1721
945	Tawny	71	27	68	26	61	24
946	Burnt Orange-MD	22	8	21	8	19	7
948	Peach-VY LT	562	221	536	211	482	189
950	Desert Sand-LT	696	274	663	261	596	234
951	Tawny-LT	439	172	419	164	377	148
972	Canary-DK	36	14	34	13	31	12
975	Golden Brown-DK	627	246	597	235	537	211
976	Golden Brown-MD	393	154	374	147	337	132
977	Golden Brown-LT	224	88	213	83	192	75
3033	Mocha Brown-VY LT	47	18	45	17	40	15
3046	Yellow Beige-MD	237	93	226	88	203	79
3064	Desert Sand	299	117	285	112	256	100
3078	Golden Yellow-VY LT	73	28	69	27	62	24
3371	Black Brown	2473	973	2356	927	2120	834
3721	Shell Pink-DK	18	7	18	7	16	6
3770	Tawny-VY LT	410	161	390	153	351	138
3772	Desert Sand-VY DK	249	98	237	93	213	83
3776	Mahogany-LT	301	118	287	112	258	101
3778	Terra Cotta-LT	132	51	125	49	113	44
3779	Terra Cotta-UL VY LT	12	4	12	4	10	3
3782	Mocha Brown-LT	64	25	61	24	55	21
3787	Brown Gray-DK	9	3	8	3	7	2
3820	Straw-DK	54	21	51	20	46	18
3822	Straw-LT	20	7	19	7	17	6
3823	Yellow-UL Pale	579	227	552	217	496	195
3825	Pumpkin-Pale	139	54	133	52	119	46
3826	Golden Brown	602	237	573	225	516	203
3827	Golden Brown-Pale	102	40	97	38	87	34
3828	Hazelnut Brown	316	124	301	118	271	106
3829	Old Gold-VY DK	107	42	102	40	91	35
3830	Terra Cotta-MD	161	63	153	60	138	54
3852	Straw-VY DK	175	68	167	65	150	59
3853	Autumn Gold-DK	40	15	38	14	35	13
3854	Autumn Gold-MD	43	16	41	16	37	14
3855	Autumn Gold-LT	213	83	203	79	183	72
3856	Mahogany-UL VY LT	270	106	257	101	232	91
3857	Rosewood-DK	48	18	46	18	41	16
3859	Rosewood-LT	169	66	161	63	145	57
3861	Cocoa-LT	42	16	40	15	36	14
3862	Mocha Beige-DK	95	37	91	35	82	32
3864	Mocha Beige-LT	417	164	398	156	358	140
3865	Winter White	66	25	63	24	57	22
3866	Mocha Brown-UL VY LT	202	79	192	75	173	68
ecru	Ecru	47	18	45	17	41	16

Extended thread usage table.

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
1	White 1	8039	3164	6699	2637	3350	1319
224	Shell Pink-VY LT	580	227	483	189	242	95
225	Shell Pink-UL VY LT	1019	400	849	333	425	167
300	Mahogany-VY DK	5490	2160	4575	1800	2288	900
301	Mahogany-MD	544	212	453	177	227	89
350	Coral-MD	61	23	51	20	26	10
351	Coral	49	18	41	15	20	8
352	Coral-LT	18	5	15	5	8	2
355	Terra Cotta-DK	59	22	50	18	25	9
356	Terra Cotta-MD	493	193	411	161	206	80
371	Mustard	47	18	39	15	20	8
400	Mahogany-DK	4214	1658	3512	1382	1756	691
407	Desert Sand-DK	632	248	527	207	263	104
420	Hazelnut Brown-DK	477	187	398	156	199	78
433	Brown-MD	398	157	332	131	166	65
434	Brown-LT	281	110	234	92	117	46
435	Brown-VY LT	707	277	590	231	295	116
436	Tan	1318	518	1098	432	549	216
437	Tan-LT	967	380	806	317	403	158
451	Shell Gray-DK	27	9	23	8	11	4
452	Shell Gray-MD	184	72	153	60	77	30
453	Shell Gray-LT	724	284	603	237	302	119
498	Christmas Red-DK	286	112	239	93	119	47
543	Beige Brown-UL VY LT	369	144	308	120	154	60
612	Drab Brown-LT	117	45	98	38	49	19
613	Drab Brown-VY LT	221	86	185	72	92	36
632	Desert Sand-UL VY DK	376	148	314	123	157	62
666	Christmas Red-BRT	477	187	398	156	199	78
676	Old Gold-LT	83	32	69	27	35	14
677	Old Gold-VY LT	517	202	431	168	215	84
680	Old Gold-DK	196	76	164	63	82	32
721	Orange Spice-MD	410	160	342	134	171	67
722	Orange Spice-LT	67	25	56	21	28	11
725	Topaz	32	13	27	11	14	5
729	Old Gold-MD	277	108	231	90	116	45
733	Olive Green-MD	104	40	87	33	44	17
734	Olive Green-LT	155	59	129	50	65	25
738	Tan-VY LT	893	351	744	293	372	146
739	Tan-UL VY LT	497	194	414	162	207	81
741	Tangerine-MD	13	4	11	3	5	2
746	Off White	144	56	120	47	60	23
754	Peach-LT	529	207	441	173	221	86
758	Terra Cotta-VY LT	1399	549	1166	458	583	229
780	Topaz-UL VY DK	1067	419	890	350	445	175
782	Topaz-DK	1105	434	921	362	461	181
783	Topaz-MD	133	52	111	44	56	22
814	Garnet-DK	4397	1730	3665	1442	1832	721
815	Garnet-MD	720	283	600	236	300	118
817	Coral Red-VY DK	554	218	462	182	231	91
822	Beige Gray-LT	175	68	146	57	73	29
831	Golden Olive-MD	34	13	29	11	14	5
834	Golden Olive-VY LT	196	76	164	63	82	32
838	Beige Brown-VY DK	49	18	41	15	20	8

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839	Beige Brown-DK	65	25	54	21	27	11
840	Beige Brown-MD	52	20	44	17	22	8
842	Beige Brown-VY LT	1003	394	836	329	418	164
898	Coffee Brown-VY DK	371	146	309	122	155	61
900	Burnt Orange-DK	225	88	188	74	94	37
918	Red Copper-DK	709	279	591	233	296	116
919	Red Copper	1314	517	1095	431	548	215
920	Copper-MD	1260	495	1050	413	525	206
921	Copper	583	229	486	191	243	95
938	Coffee Brown-UL DK	7870	3098	6558	2582	3279	1291
945	Tawny	110	43	92	36	46	18
946	Burnt Orange-MD	34	13	29	11	14	5
948	Peach-VY LT	868	340	723	284	362	142
950	Desert Sand-LT	1073	421	894	351	447	176
951	Tawny-LT	679	266	566	222	283	111
972	Canary-DK	56	22	47	18	23	9
975	Golden Brown-DK	967	380	806	317	403	158
976	Golden Brown-MD	607	238	506	198	253	99
977	Golden Brown-LT	346	135	288	113	144	56
3033	Mocha Brown-VY LT	72	27	60	23	30	11
3046	Yellow Beige-MD	365	142	305	119	152	59
3064	Desert Sand	461	180	384	150	192	75
3078	Golden Yellow-VY LT	112	43	93	36	47	18
3371	Black Brown	3816	1501	3180	1251	1590	626
3721	Shell Pink-DK	29	11	24	9	12	5
3770	Tawny-VY LT	632	248	527	207	263	104
3772	Desert Sand-VY DK	383	149	320	125	160	62
3776	Mahogany-LT	464	182	387	152	194	76
3778	Terra Cotta-LT	203	79	170	66	85	33
3779	Terra Cotta-UL VY LT	18	5	15	5	8	2
3782	Mocha Brown-LT	99	38	83	32	41	16
3787	Brown Gray-DK	13	4	11	3	5	2
3820	Straw-DK	83	32	69	27	35	14
3822	Straw-LT	31	11	26	9	13	5
3823	Yellow-UL Pale	893	351	744	293	372	146
3825	Pumpkin-Pale	214	83	179	69	89	35
3826	Golden Brown	929	365	774	305	387	152
3827	Golden Brown-Pale	157	61	131	51	65	26
3828	Hazelnut Brown	488	191	407	159	203	80
3829	Old Gold-VY DK	164	63	137	53	68	26
3830	Terra Cotta-MD	248	97	207	81	104	41
3852	Straw-VY DK	270	106	225	89	113	44
3853	Autumn Gold-DK	63	23	53	20	26	10
3854	Autumn Gold-MD	67	25	56	21	28	11
3855	Autumn Gold-LT	329	130	275	108	137	54
3856	Mahogany-UL VY LT	418	164	348	137	174	68
3857	Rosewood-DK	74	29	62	24	31	12
3859	Rosewood-LT	261	103	218	86	109	43
3861	Cocoa-LT	65	25	54	21	27	11
3862	Mocha Beige-DK	148	58	123	48	62	24
3864	Mocha Beige-LT	644	252	537	210	269	105
3865	Winter White	103	40	86	33	43	17
3866	Mocha Brown-UL VY LT	311	122	260	102	130	51
ecru	Ecru	74	29	62	24	31	12

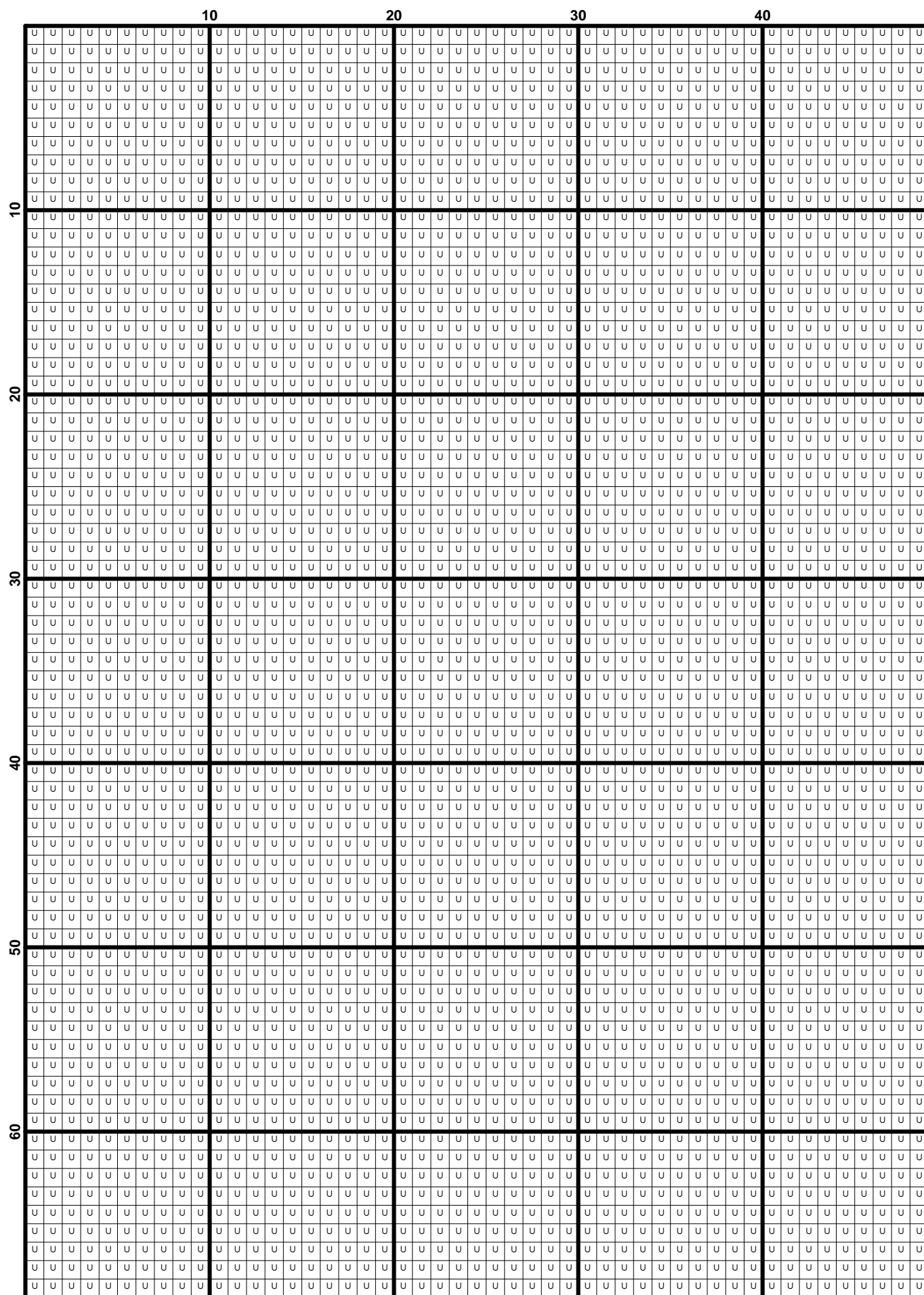
Extended thread usage table.

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
1	White 1	3216	1266	3092	1217	2977	1172
224	Shell Pink-VY LT	232	91	223	87	215	84
225	Shell Pink-UL VY LT	408	160	392	154	377	148
300	Mahogany-VY DK	2196	864	2112	831	2033	800
301	Mahogany-MD	217	85	209	82	201	79
350	Coral-MD	24	9	24	9	23	9
351	Coral	19	7	19	7	18	7
352	Coral-LT	7	2	7	2	7	2
355	Terra Cotta-DK	24	9	23	8	22	8
356	Terra Cotta-MD	197	77	190	74	183	71
371	Mustard	19	7	18	7	17	7
400	Mahogany-DK	1686	663	1621	638	1561	614
407	Desert Sand-DK	253	99	243	96	234	92
420	Hazelnut Brown-DK	191	75	183	72	177	69
433	Brown-MD	159	63	153	60	147	58
434	Brown-LT	112	44	108	42	104	41
435	Brown-VY LT	283	111	272	107	262	103
436	Tan	527	207	507	199	488	192
437	Tan-LT	387	152	372	146	358	141
451	Shell Gray-DK	11	4	10	3	10	3
452	Shell Gray-MD	73	29	71	28	68	27
453	Shell Gray-LT	289	114	278	109	268	105
498	Christmas Red-DK	114	45	110	43	106	41
543	Beige Brown-UL VY LT	148	58	142	55	137	53
612	Drab Brown-LT	47	18	45	17	43	17
613	Drab Brown-VY LT	89	35	85	33	82	32
632	Desert Sand-UL VY DK	150	59	145	57	139	55
666	Christmas Red-BRT	191	75	183	72	177	69
676	Old Gold-LT	33	13	32	12	31	12
677	Old Gold-VY LT	207	81	199	78	191	75
680	Old Gold-DK	78	30	75	29	73	28
721	Orange Spice-MD	164	64	158	62	152	59
722	Orange Spice-LT	27	10	26	10	25	9
725	Topaz	13	5	12	5	12	5
729	Old Gold-MD	111	43	107	42	103	40
733	Olive Green-MD	42	16	40	15	39	15
734	Olive Green-LT	62	24	60	23	57	22
738	Tan-VY LT	357	140	343	135	331	130
739	Tan-UL VY LT	199	78	191	75	184	72
741	Tangerine-MD	5	1	5	1	5	1
746	Off White	58	22	55	21	53	21
754	Peach-LT	212	83	204	80	196	77
758	Terra Cotta-VY LT	559	220	538	211	518	203
780	Topaz-UL VY DK	427	168	411	161	395	155
782	Topaz-DK	442	174	425	167	409	161
783	Topaz-MD	53	21	51	20	49	19
814	Garnet-DK	1759	692	1691	665	1629	641
815	Garnet-MD	288	113	277	109	267	105
817	Coral Red-VY DK	222	87	213	84	205	81
822	Beige Gray-LT	70	27	67	26	65	25
831	Golden Olive-MD	14	5	13	5	13	5
834	Golden Olive-VY LT	78	30	75	29	73	28
838	Beige Brown-VY DK	19	7	19	7	18	7

839	Beige Brown-DK	26	10	25	10	24	9
840	Beige Brown-MD	21	8	20	8	19	7
842	Beige Brown-VY LT	401	158	386	152	371	146
898	Coffee Brown-VY DK	148	58	143	56	137	54
900	Burnt Orange-DK	90	35	87	34	83	33
918	Red Copper-DK	284	112	273	107	263	103
919	Red Copper	526	207	505	199	487	191
920	Copper-MD	504	198	485	190	467	183
921	Copper	233	91	224	88	216	85
938	Coffee Brown-UL DK	3148	1239	3027	1191	2915	1147
945	Tawny	44	17	42	17	41	16
946	Burnt Orange-MD	14	5	13	5	13	5
948	Peach-VY LT	347	136	334	131	321	126
950	Desert Sand-LT	429	168	413	162	397	156
951	Tawny-LT	271	107	261	102	251	99
972	Canary-DK	22	9	21	8	21	8
975	Golden Brown-DK	387	152	372	146	358	141
976	Golden Brown-MD	243	95	233	91	225	88
977	Golden Brown-LT	138	54	133	52	128	50
3033	Mocha Brown-VY LT	29	11	28	10	27	10
3046	Yellow Beige-MD	146	57	141	55	135	53
3064	Desert Sand	184	72	177	69	171	67
3078	Golden Yellow-VY LT	45	17	43	17	41	16
3371	Black Brown	1526	600	1468	577	1413	556
3721	Shell Pink-DK	12	4	11	4	11	4
3770	Tawny-VY LT	253	99	243	96	234	92
3772	Desert Sand-VY DK	153	60	147	57	142	55
3776	Mahogany-LT	186	73	179	70	172	67
3778	Terra Cotta-LT	81	32	78	30	75	29
3779	Terra Cotta-UL VY LT	7	2	7	2	7	2
3782	Mocha Brown-LT	40	15	38	15	37	14
3787	Brown Gray-DK	5	1	5	1	5	1
3820	Straw-DK	33	13	32	12	31	12
3822	Straw-LT	12	4	12	4	11	4
3823	Yellow-UL Pale	357	140	343	135	331	130
3825	Pumpkin-Pale	86	33	82	32	79	31
3826	Golden Brown	372	146	357	141	344	135
3827	Golden Brown-Pale	63	24	60	24	58	23
3828	Hazelnut Brown	195	76	188	73	181	71
3829	Old Gold-VY DK	66	25	63	24	61	23
3830	Terra Cotta-MD	99	39	96	37	92	36
3852	Straw-VY DK	108	42	104	41	100	39
3853	Autumn Gold-DK	25	9	24	9	23	9
3854	Autumn Gold-MD	27	10	26	10	25	9
3855	Autumn Gold-LT	132	52	127	50	122	48
3856	Mahogany-UL VY LT	167	66	161	63	155	61
3857	Rosewood-DK	30	12	28	11	27	11
3859	Rosewood-LT	104	41	100	39	97	38
3861	Cocoa-LT	26	10	25	10	24	9
3862	Mocha Beige-DK	59	23	57	22	55	21
3864	Mocha Beige-LT	258	101	248	97	239	93
3865	Winter White	41	16	39	15	38	15
3866	Mocha Brown-UL VY LT	125	49	120	47	115	45
ecru	Ecru	30	12	28	11	27	11

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
1	White 1	2871	1130	2680	1055	2512	989
224	Shell Pink-VY LT	207	81	193	76	181	71
225	Shell Pink-UL VY LT	364	143	340	133	318	125
300	Mahogany-VY DK	1961	771	1830	720	1716	675
301	Mahogany-MD	194	76	181	71	170	66
350	Coral-MD	22	8	20	8	19	7
351	Coral	17	6	16	6	15	6
352	Coral-LT	6	2	6	2	6	2
355	Terra Cotta-DK	21	8	20	7	19	7
356	Terra Cotta-MD	176	69	164	64	154	60
371	Mustard	17	6	16	6	15	6
400	Mahogany-DK	1505	592	1405	553	1317	518
407	Desert Sand-DK	226	89	211	83	197	78
420	Hazelnut Brown-DK	170	67	159	62	149	59
433	Brown-MD	142	56	133	52	124	49
434	Brown-LT	100	39	94	37	88	34
435	Brown-VY LT	253	99	236	92	221	87
436	Tan	471	185	439	173	412	162
437	Tan-LT	345	136	322	127	302	119
451	Shell Gray-DK	10	3	9	3	8	3
452	Shell Gray-MD	66	26	61	24	57	23
453	Shell Gray-LT	258	102	241	95	226	89
498	Christmas Red-DK	102	40	95	37	89	35
543	Beige Brown-UL VY LT	132	51	123	48	115	45
612	Drab Brown-LT	42	16	39	15	37	14
613	Drab Brown-VY LT	79	31	74	29	69	27
632	Desert Sand-UL VY DK	134	53	125	49	118	46
666	Christmas Red-BRT	170	67	159	62	149	59
676	Old Gold-LT	30	12	28	11	26	10
677	Old Gold-VY LT	185	72	172	67	161	63
680	Old Gold-DK	70	27	65	25	61	24
721	Orange Spice-MD	147	57	137	53	128	50
722	Orange Spice-LT	24	9	22	8	21	8
725	Topaz	12	5	11	4	10	4
729	Old Gold-MD	99	39	92	36	87	34
733	Olive Green-MD	37	14	35	13	33	12
734	Olive Green-LT	55	21	52	20	48	19
738	Tan-VY LT	319	125	298	117	279	110
739	Tan-UL VY LT	177	69	166	65	155	61
741	Tangerine-MD	5	1	4	1	4	1
746	Off White	51	20	48	19	45	17
754	Peach-LT	189	74	176	69	165	65
758	Terra Cotta-VY LT	500	196	466	183	437	172
780	Topaz-UL VY DK	381	150	356	140	334	131
782	Topaz-DK	395	155	368	145	345	136
783	Topaz-MD	48	19	44	17	42	16
814	Garnet-DK	1571	618	1466	577	1374	541
815	Garnet-MD	257	101	240	94	225	88
817	Coral Red-VY DK	198	78	185	73	173	68
822	Beige Gray-LT	62	24	58	23	55	21
831	Golden Olive-MD	12	5	11	4	11	4
834	Golden Olive-VY LT	70	27	65	25	61	24
838	Beige Brown-VY DK	17	6	16	6	15	6

839	Beige Brown-DK	23	9	22	8	20	8
840	Beige Brown-MD	19	7	17	7	16	6
842	Beige Brown-VY LT	358	141	334	131	313	123
898	Coffee Brown-VY DK	132	52	124	49	116	46
900	Burnt Orange-DK	80	32	75	29	70	28
918	Red Copper-DK	253	100	236	93	222	87
919	Red Copper	469	185	438	172	411	161
920	Copper-MD	450	177	420	165	394	155
921	Copper	208	82	194	76	182	71
938	Coffee Brown-UL DK	2811	1106	2623	1033	2459	968
945	Tawny	39	15	37	14	34	14
946	Burnt Orange-MD	12	5	11	4	11	4
948	Peach-VY LT	310	122	289	113	271	106
950	Desert Sand-LT	383	150	358	140	335	132
951	Tawny-LT	242	95	226	89	212	83
972	Canary-DK	20	8	19	7	17	7
975	Golden Brown-DK	345	136	322	127	302	119
976	Golden Brown-MD	217	85	202	79	190	74
977	Golden Brown-LT	123	48	115	45	108	42
3033	Mocha Brown-VY LT	26	10	24	9	23	8
3046	Yellow Beige-MD	131	51	122	47	114	44
3064	Desert Sand	165	64	154	60	144	56
3078	Golden Yellow-VY LT	40	15	37	14	35	14
3371	Black Brown	1363	536	1272	500	1193	469
3721	Shell Pink-DK	10	4	10	4	9	3
3770	Tawny-VY LT	226	89	211	83	197	78
3772	Desert Sand-VY DK	137	53	128	50	120	47
3776	Mahogany-LT	166	65	155	61	145	57
3778	Terra Cotta-LT	73	28	68	26	64	25
3779	Terra Cotta-UL VY LT	6	2	6	2	6	2
3782	Mocha Brown-LT	35	14	33	13	31	12
3787	Brown Gray-DK	5	1	4	1	4	1
3820	Straw-DK	30	12	28	11	26	10
3822	Straw-LT	11	4	10	4	10	3
3823	Yellow-UL Pale	319	125	298	117	279	110
3825	Pumpkin-Pale	77	30	71	28	67	26
3826	Golden Brown	332	131	310	122	290	114
3827	Golden Brown-Pale	56	22	52	20	49	19
3828	Hazelnut Brown	174	68	163	64	152	60
3829	Old Gold-VY DK	59	23	55	21	51	20
3830	Terra Cotta-MD	89	35	83	32	78	30
3852	Straw-VY DK	96	38	90	35	84	33
3853	Autumn Gold-DK	23	8	21	8	20	7
3854	Autumn Gold-MD	24	9	22	8	21	8
3855	Autumn Gold-LT	118	46	110	43	103	41
3856	Mahogany-UL VY LT	149	59	139	55	131	51
3857	Rosewood-DK	26	10	25	10	23	9
3859	Rosewood-LT	93	37	87	34	82	32
3861	Cocoa-LT	23	9	22	8	20	8
3862	Mocha Beige-DK	53	21	49	19	46	18
3864	Mocha Beige-LT	230	90	215	84	201	79
3865	Winter White	37	14	34	13	32	12
3866	Mocha Brown-UL VY LT	111	44	104	41	97	38
ecru	Ecru	26	10	25	10	23	9



$$(12) \quad \frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$$

$$(13) \quad \frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$$

[illegible]

$$(15) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} g(s) ds + \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} h(s) ds$$

$$(16) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} g(s) ds + \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} h(s) ds$$

$$(17) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (18)$$

[illegible]

[illegible]

(20)

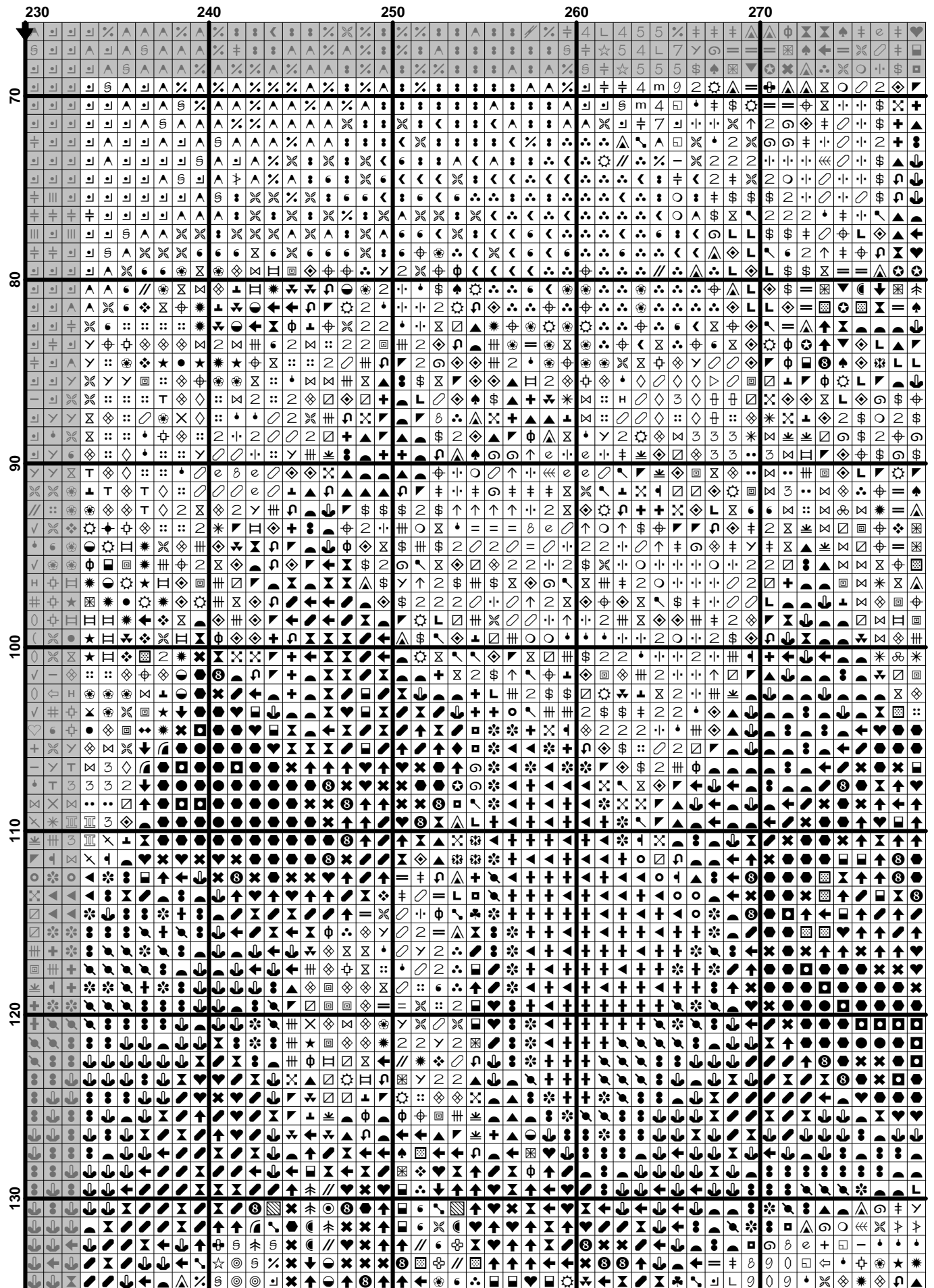
$$(21) \quad \mathcal{H}^{\text{reg}}_{\text{reg}} = \mathcal{H}^{\text{reg}}_{\text{reg}} \quad (22)$$

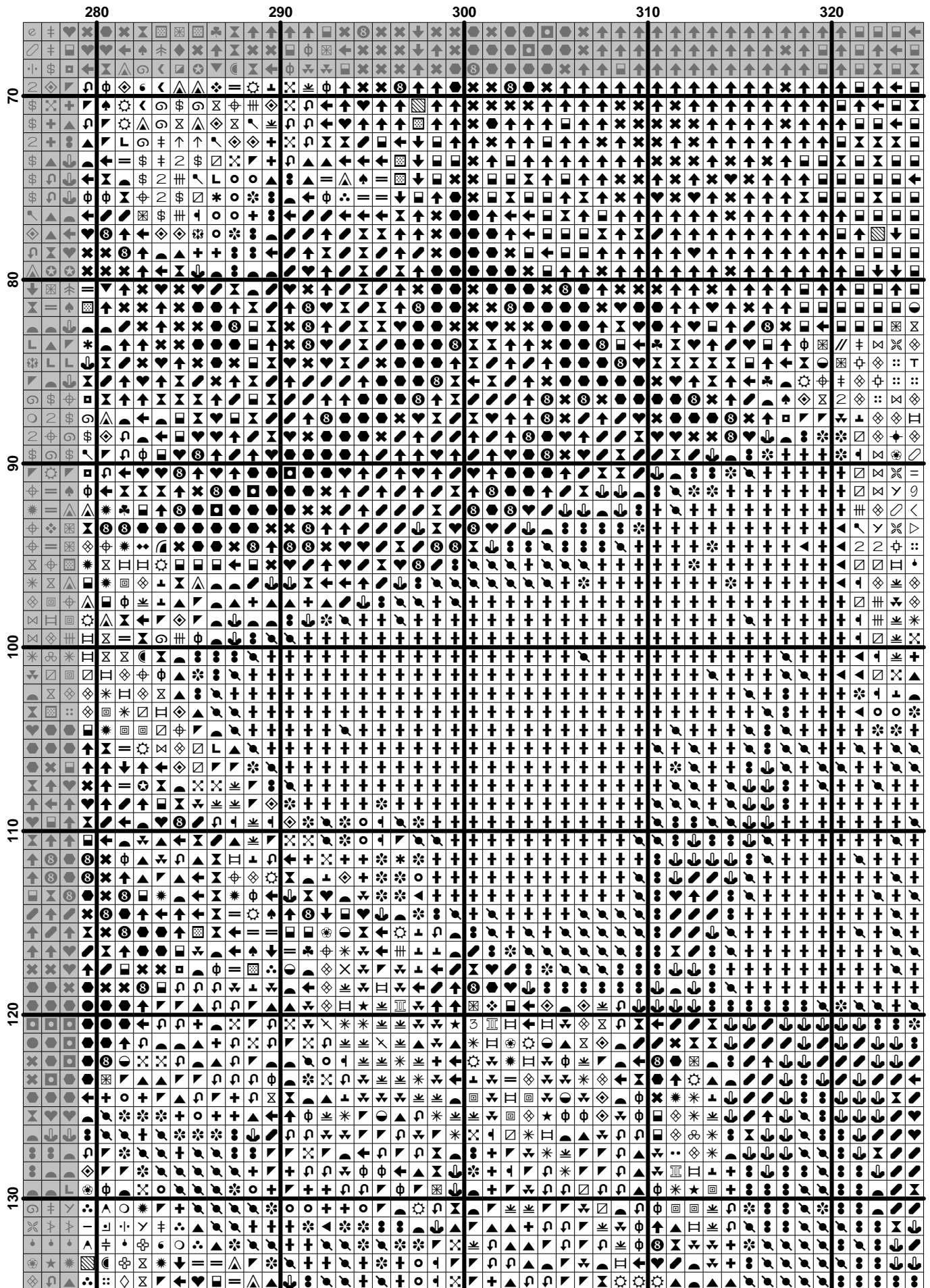
$$(22) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (23)$$

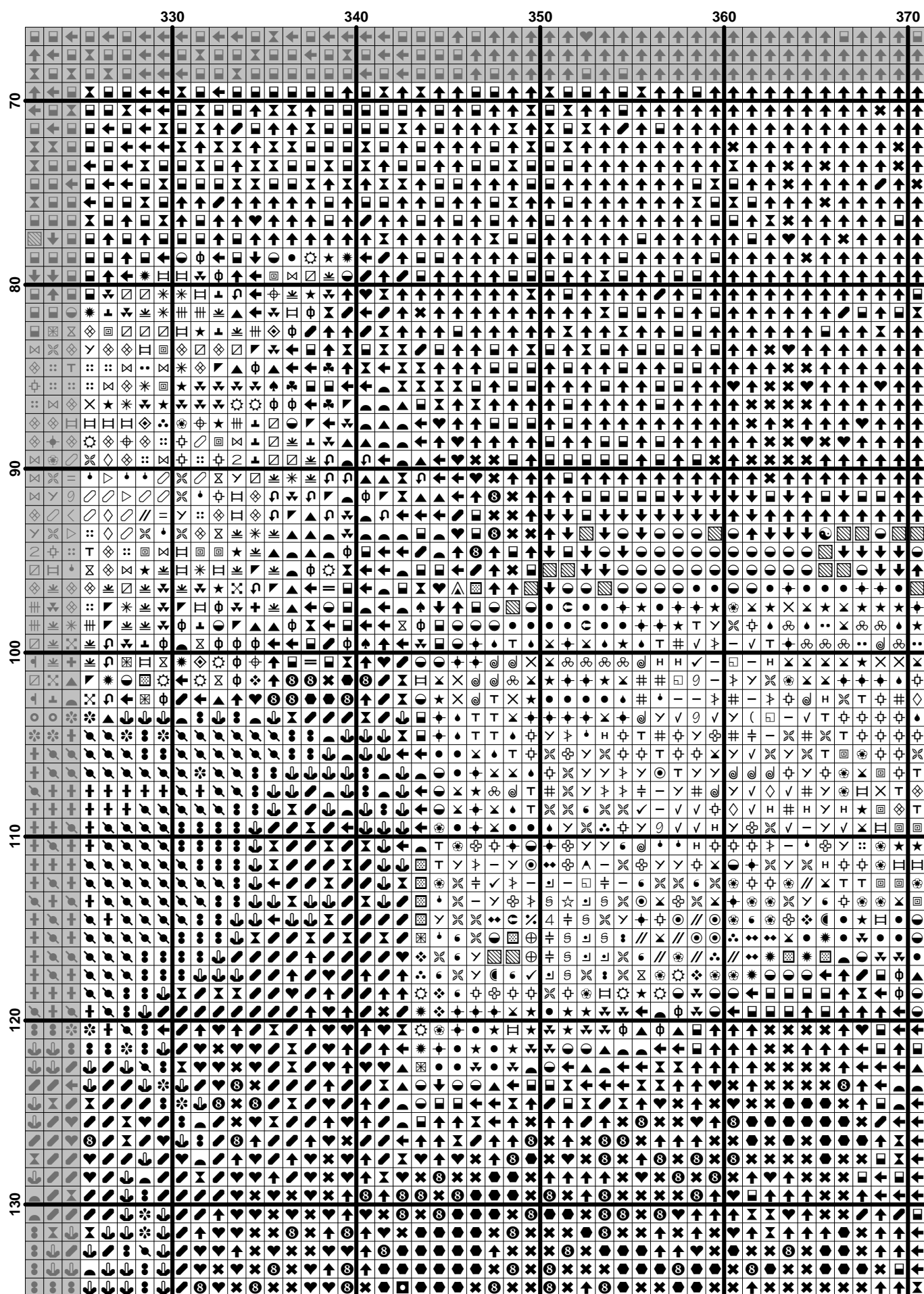
$$(23) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (24)$$

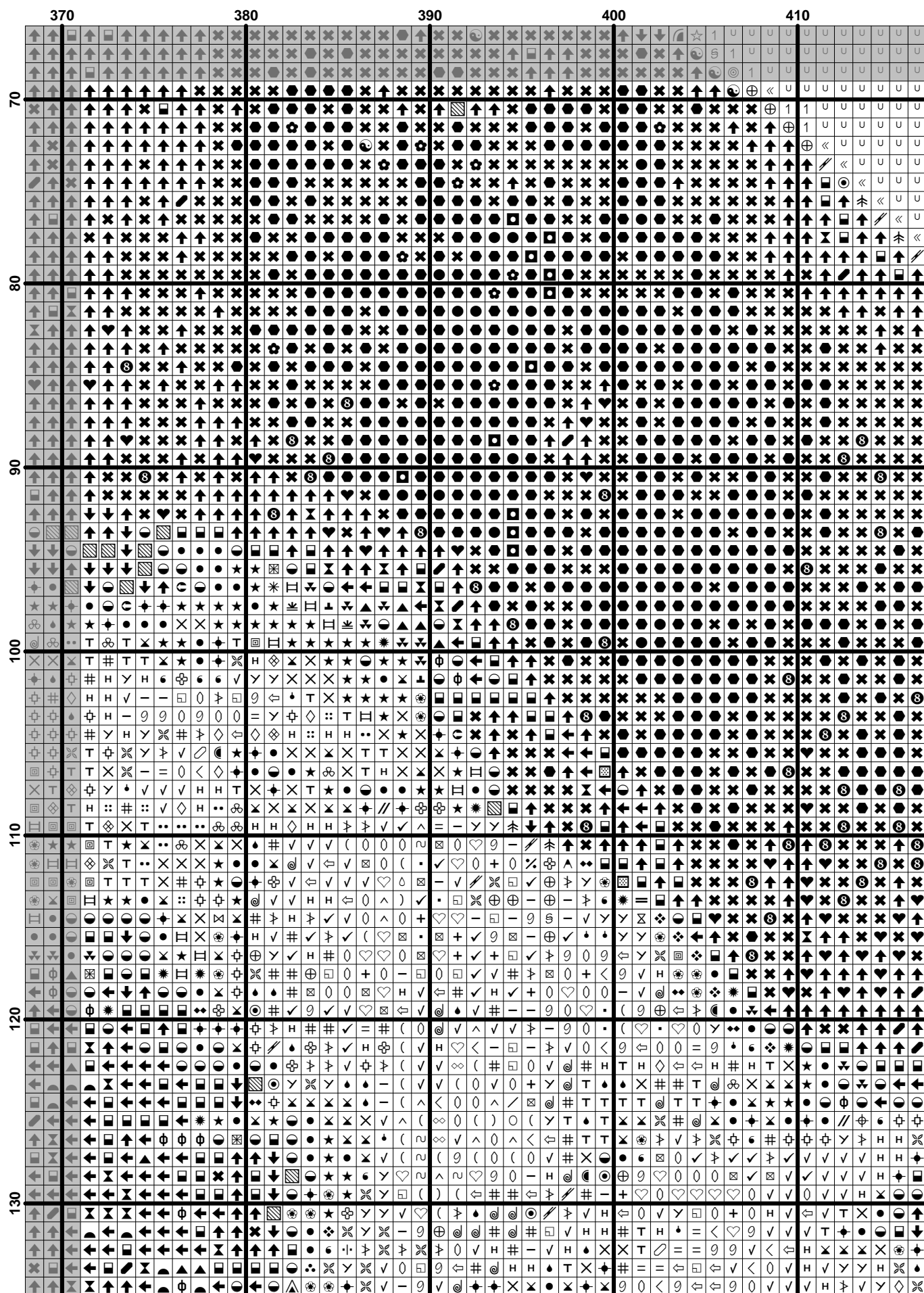
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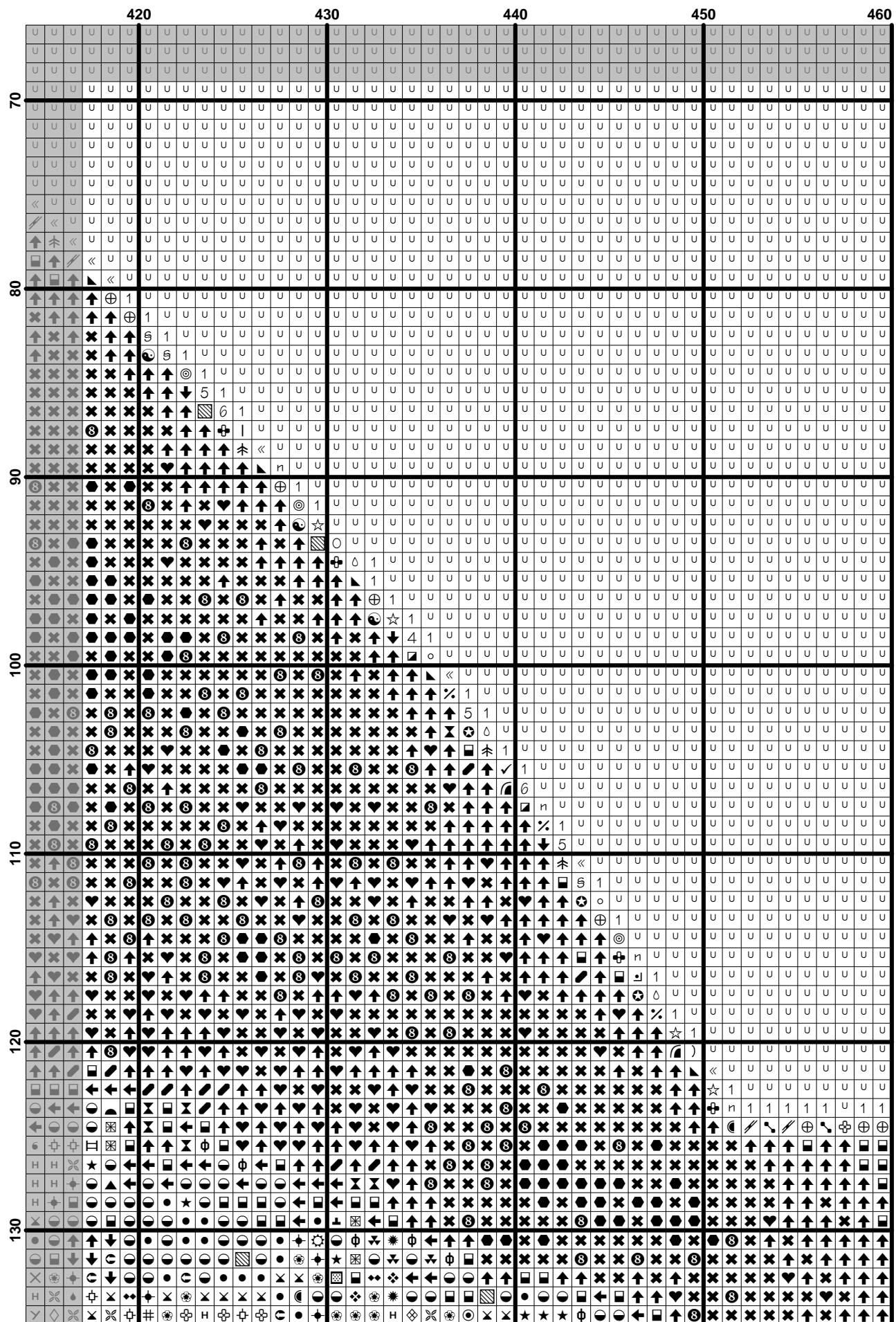
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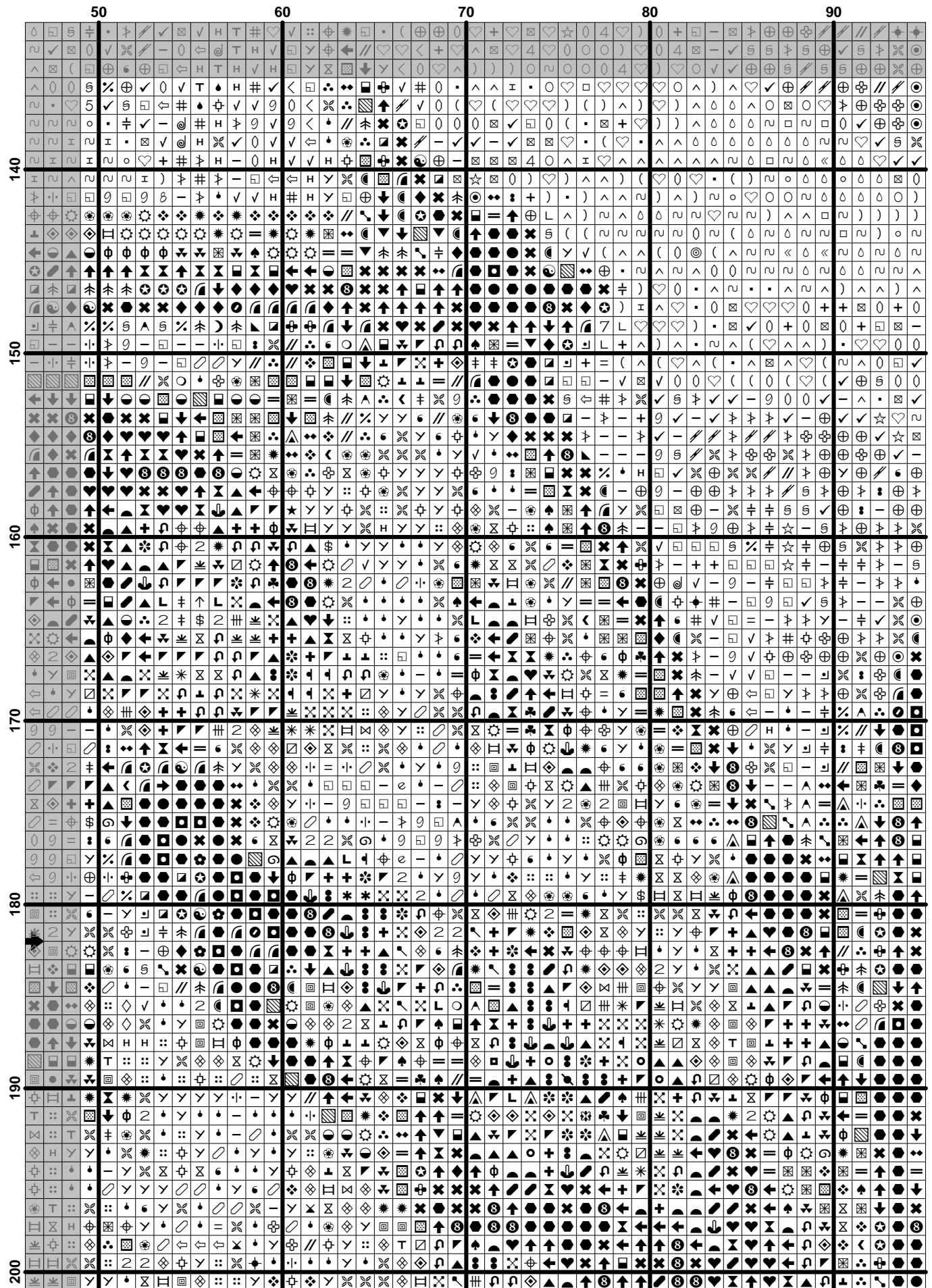




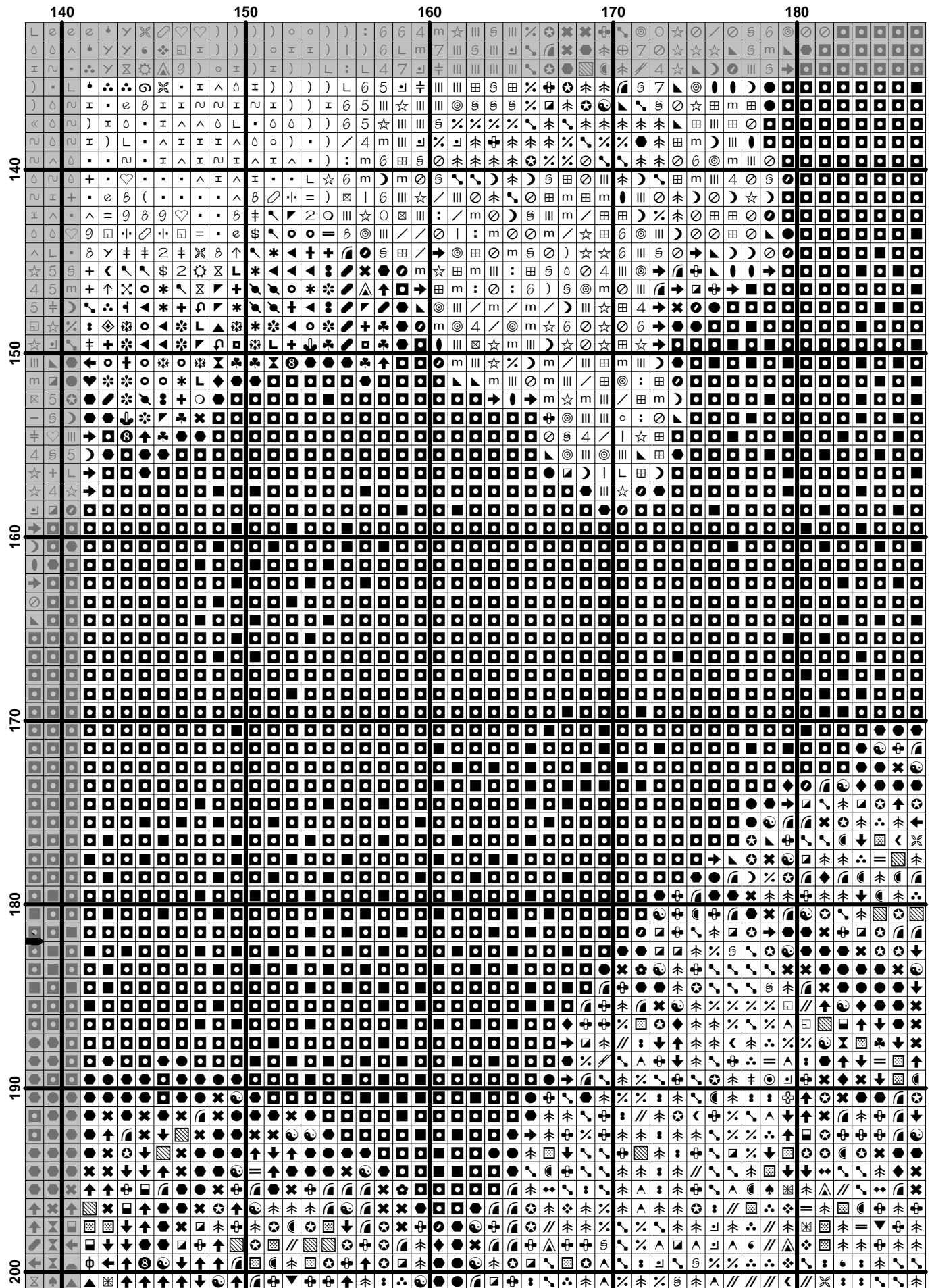


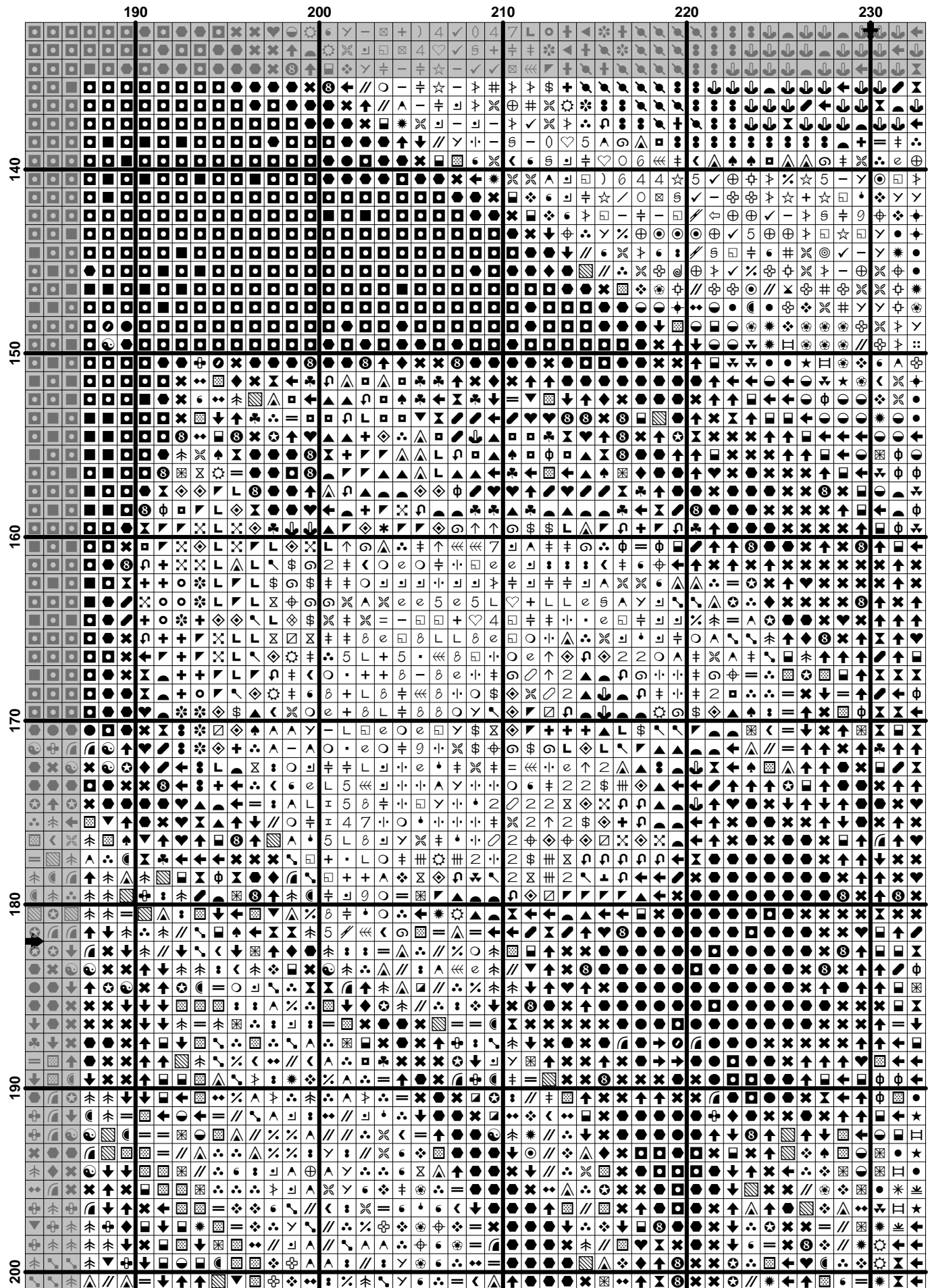


$$(31) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (32)$$

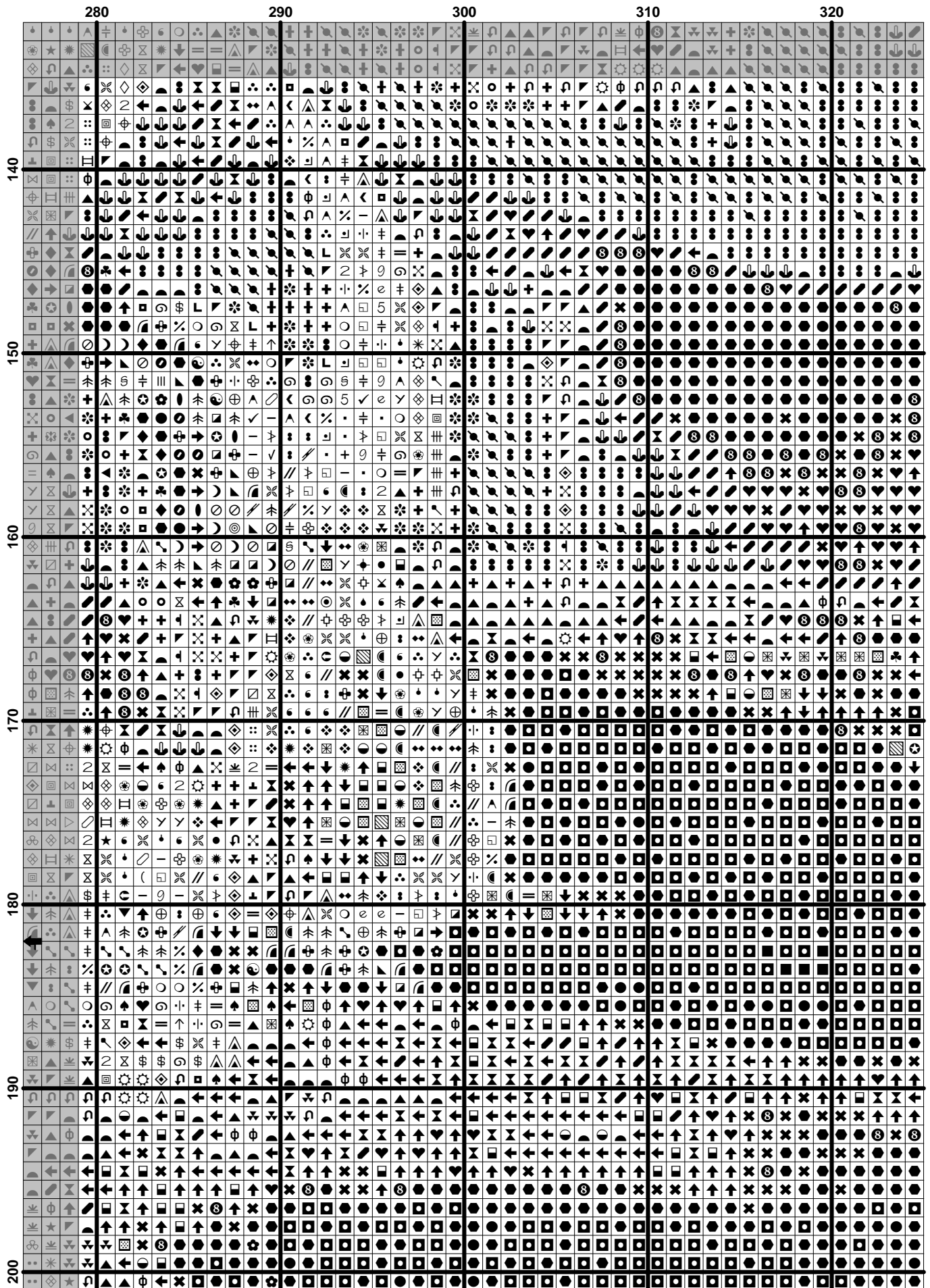


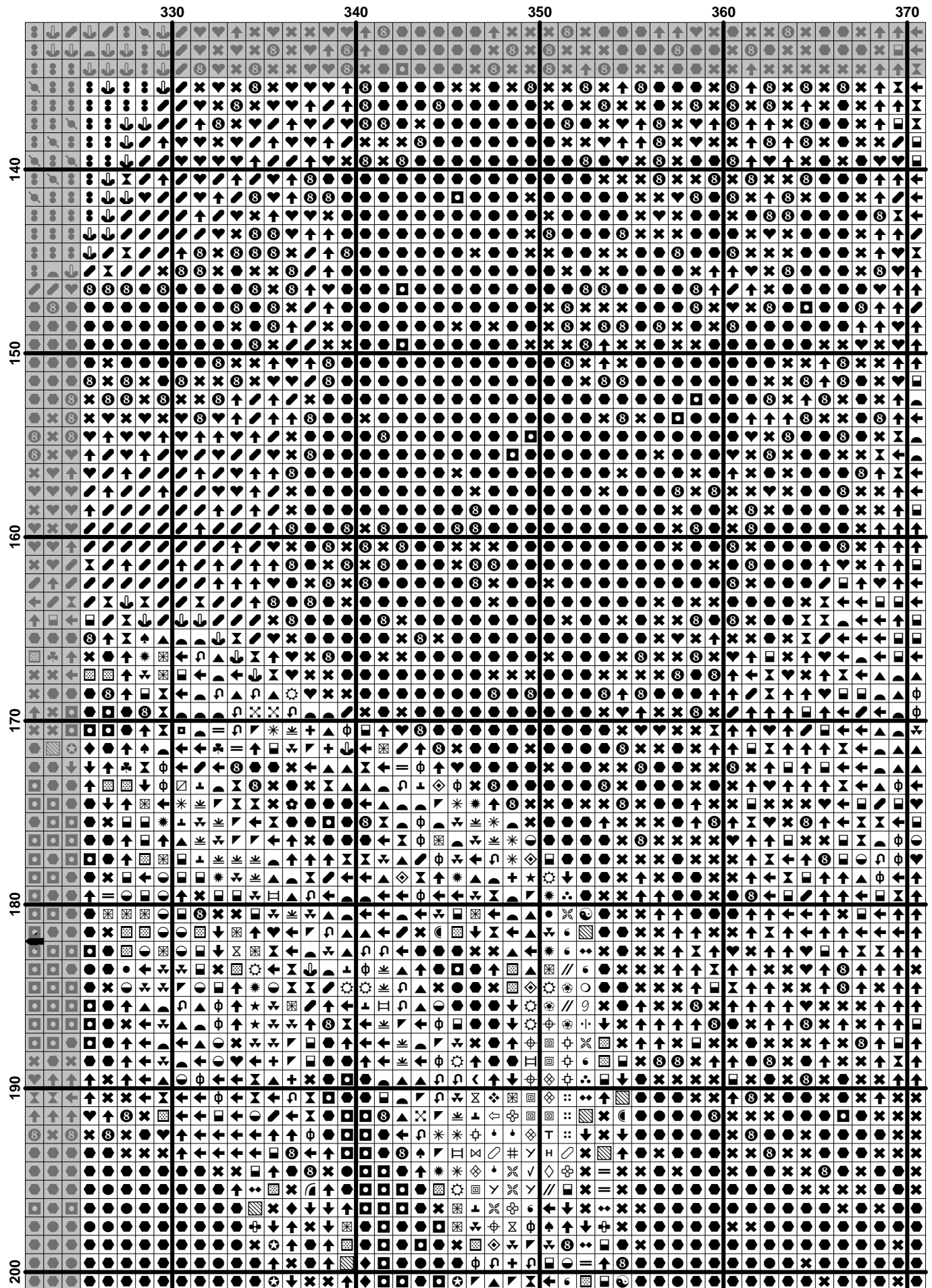
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200

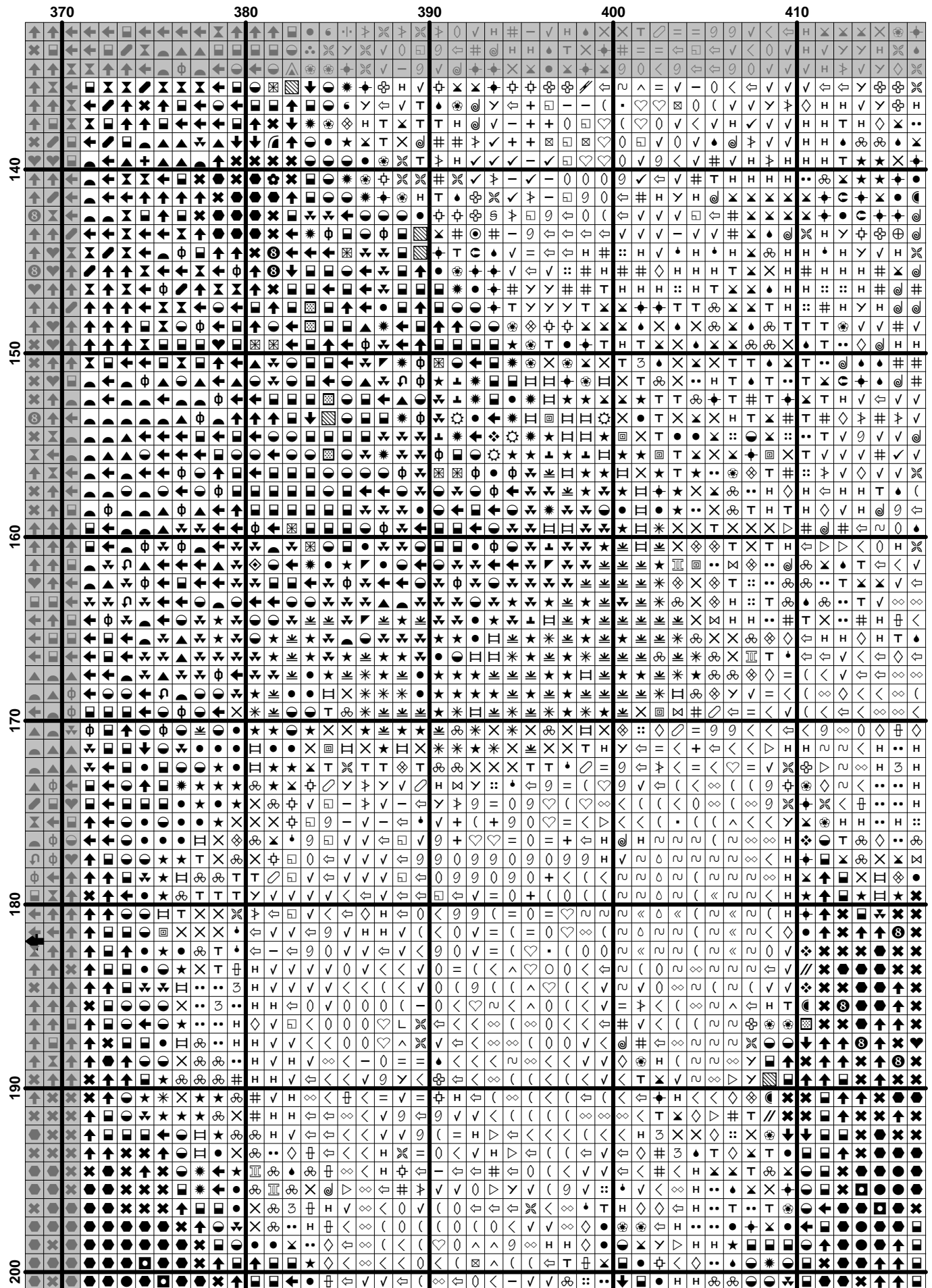


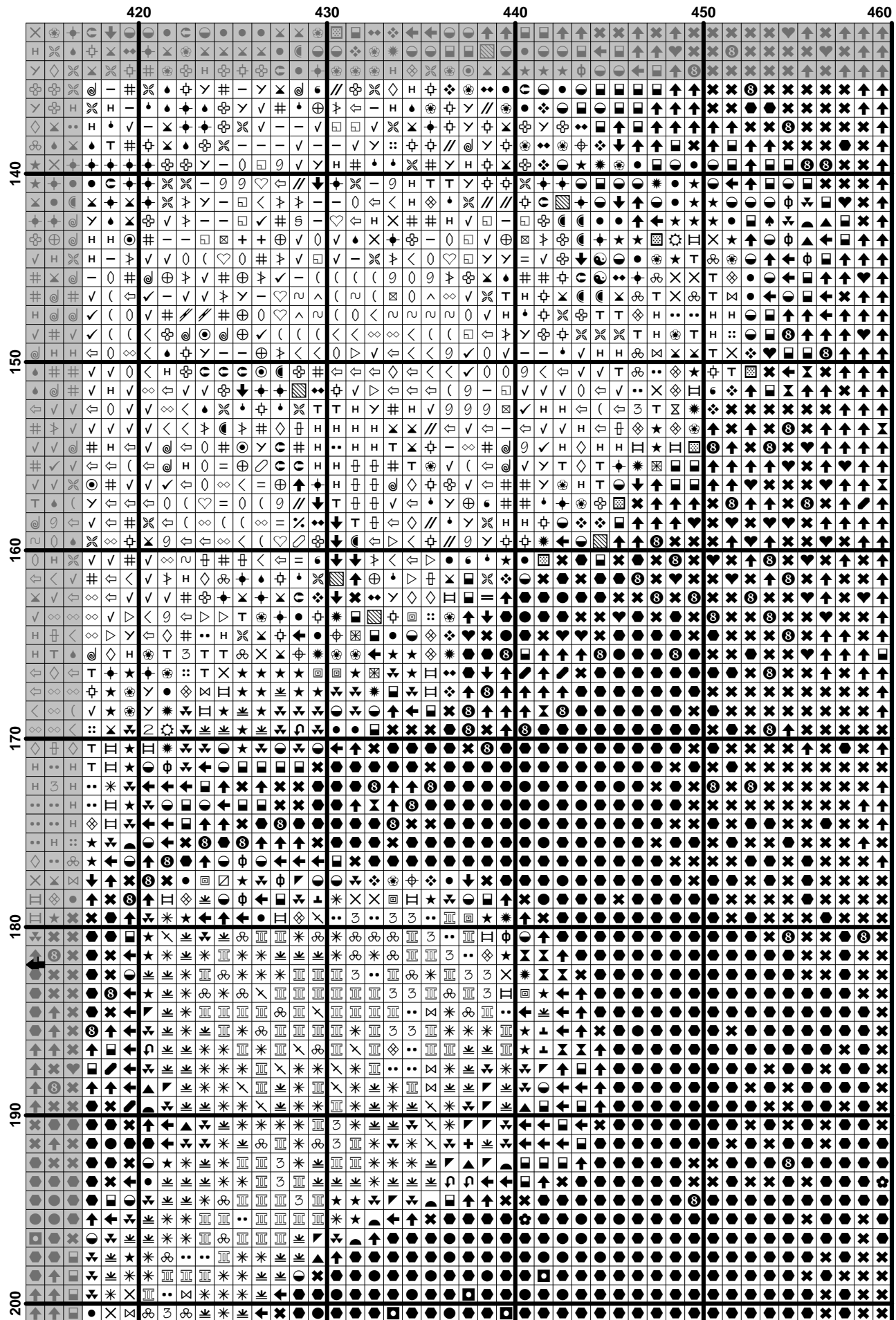


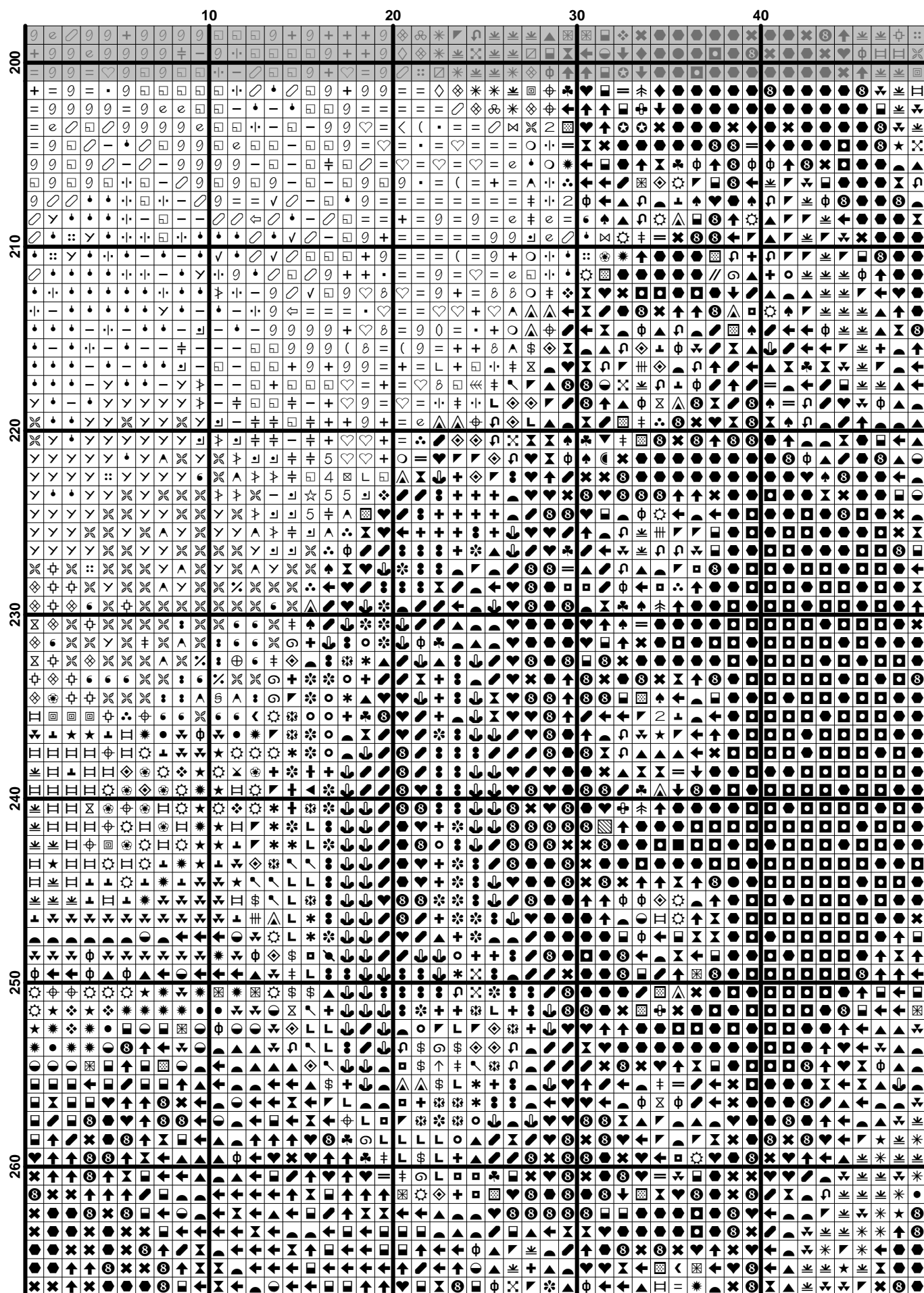


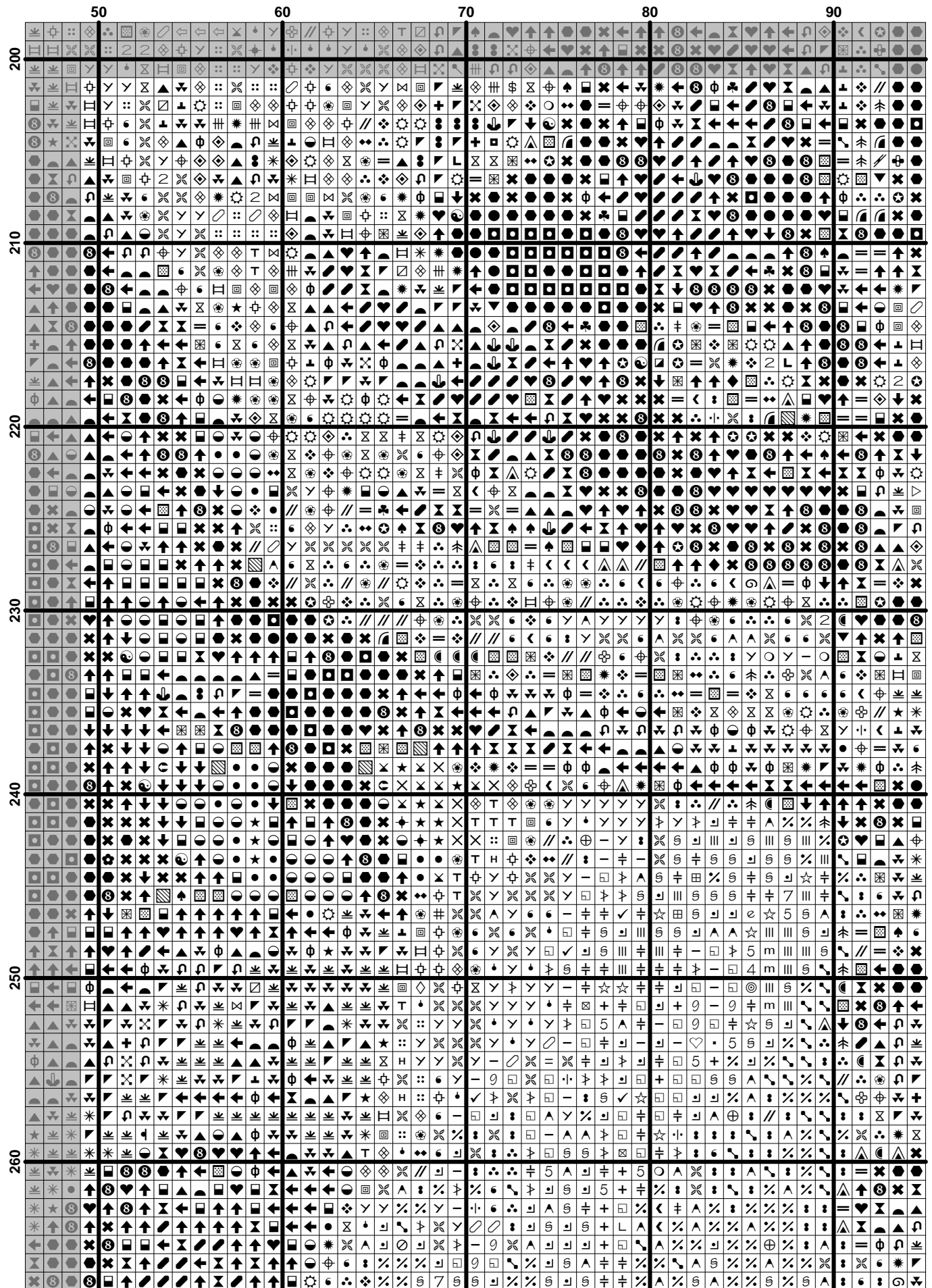








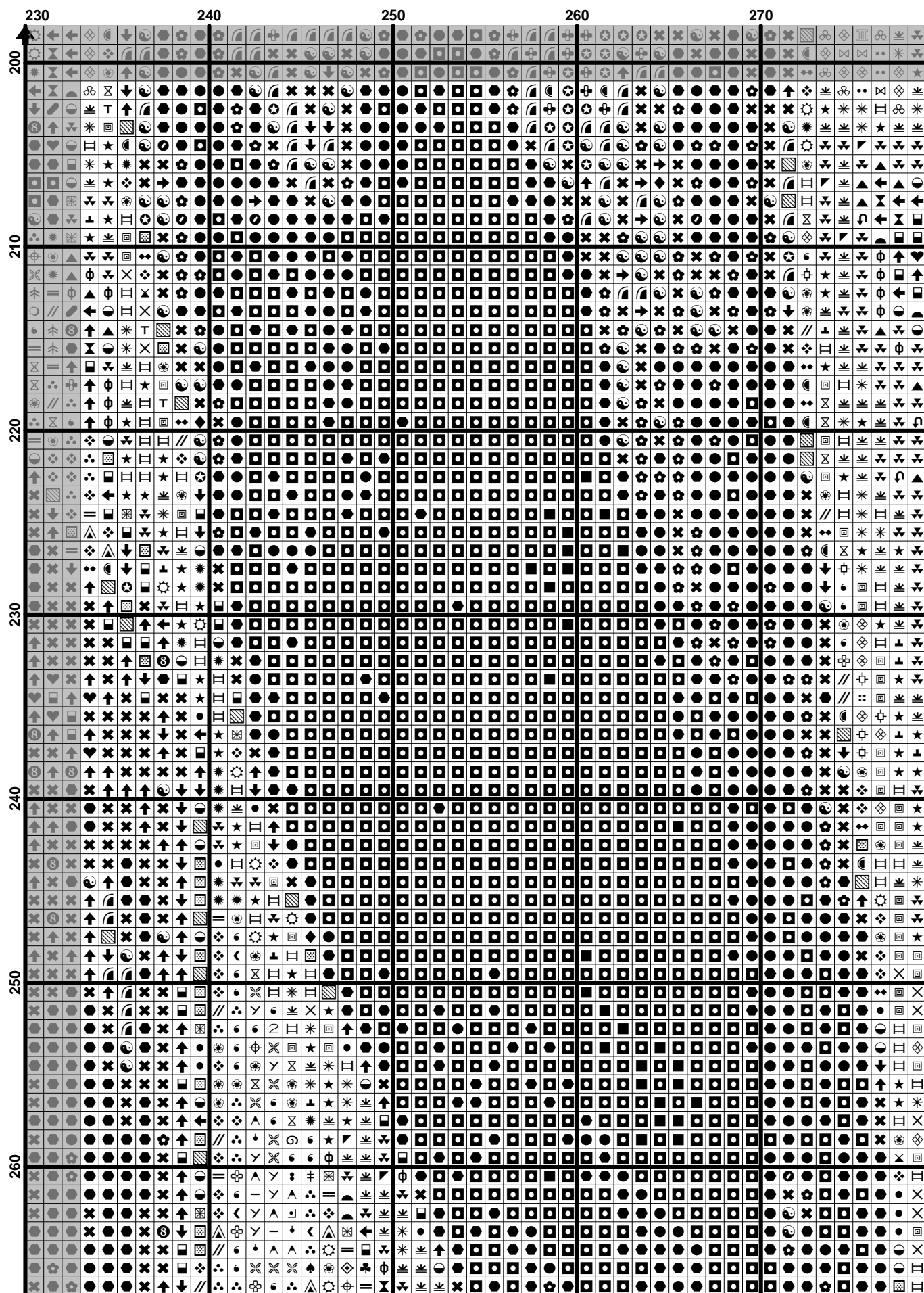


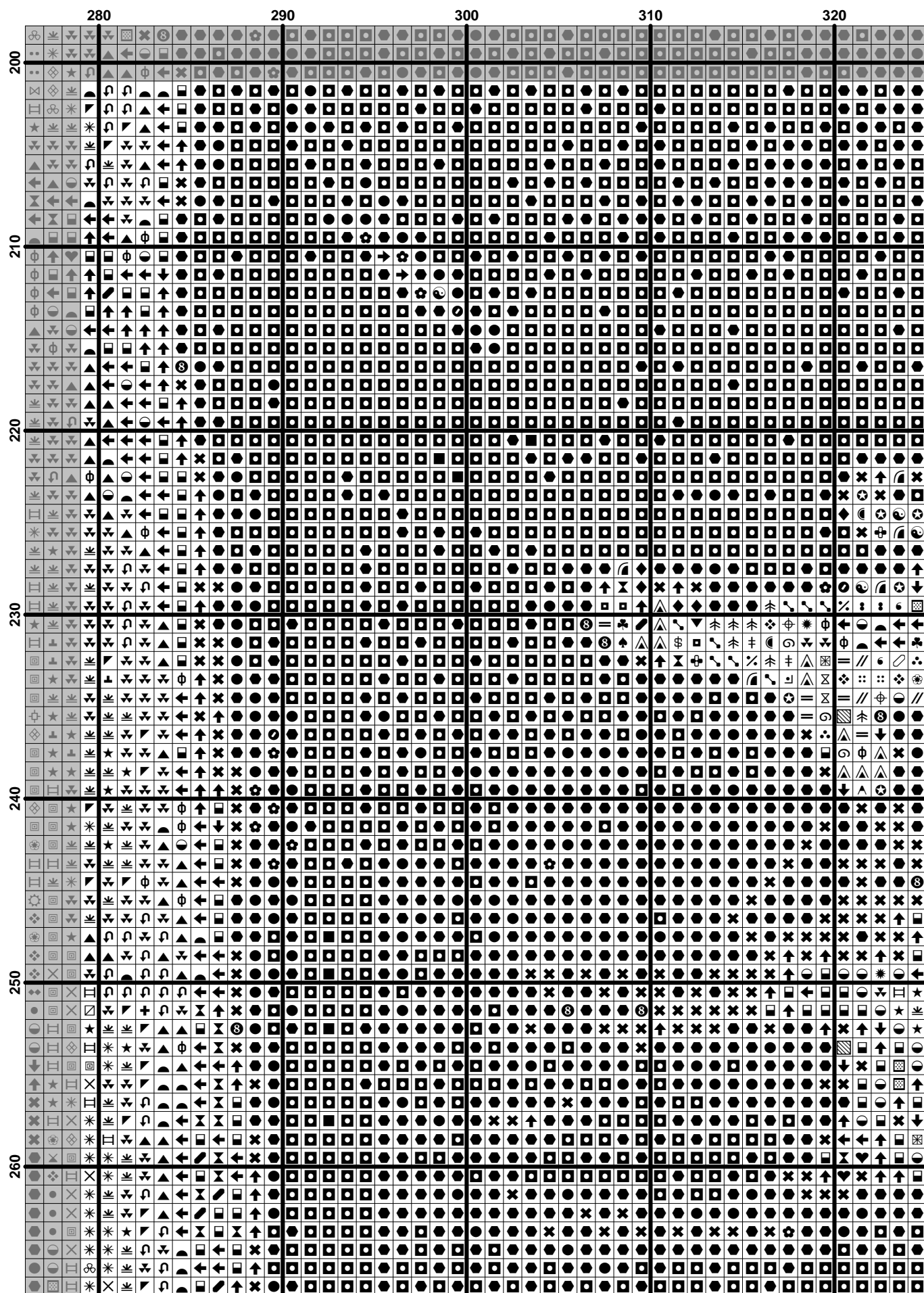


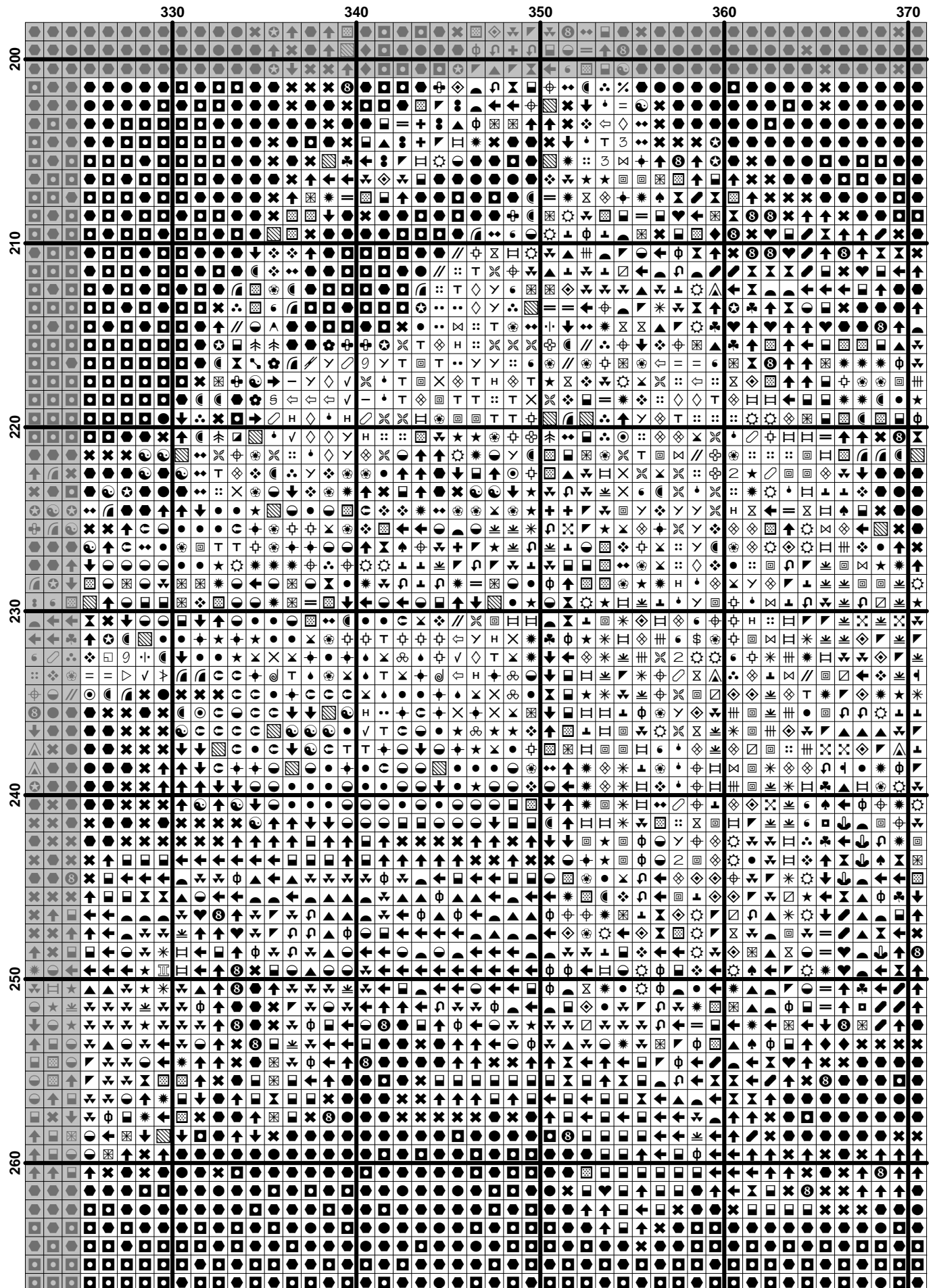
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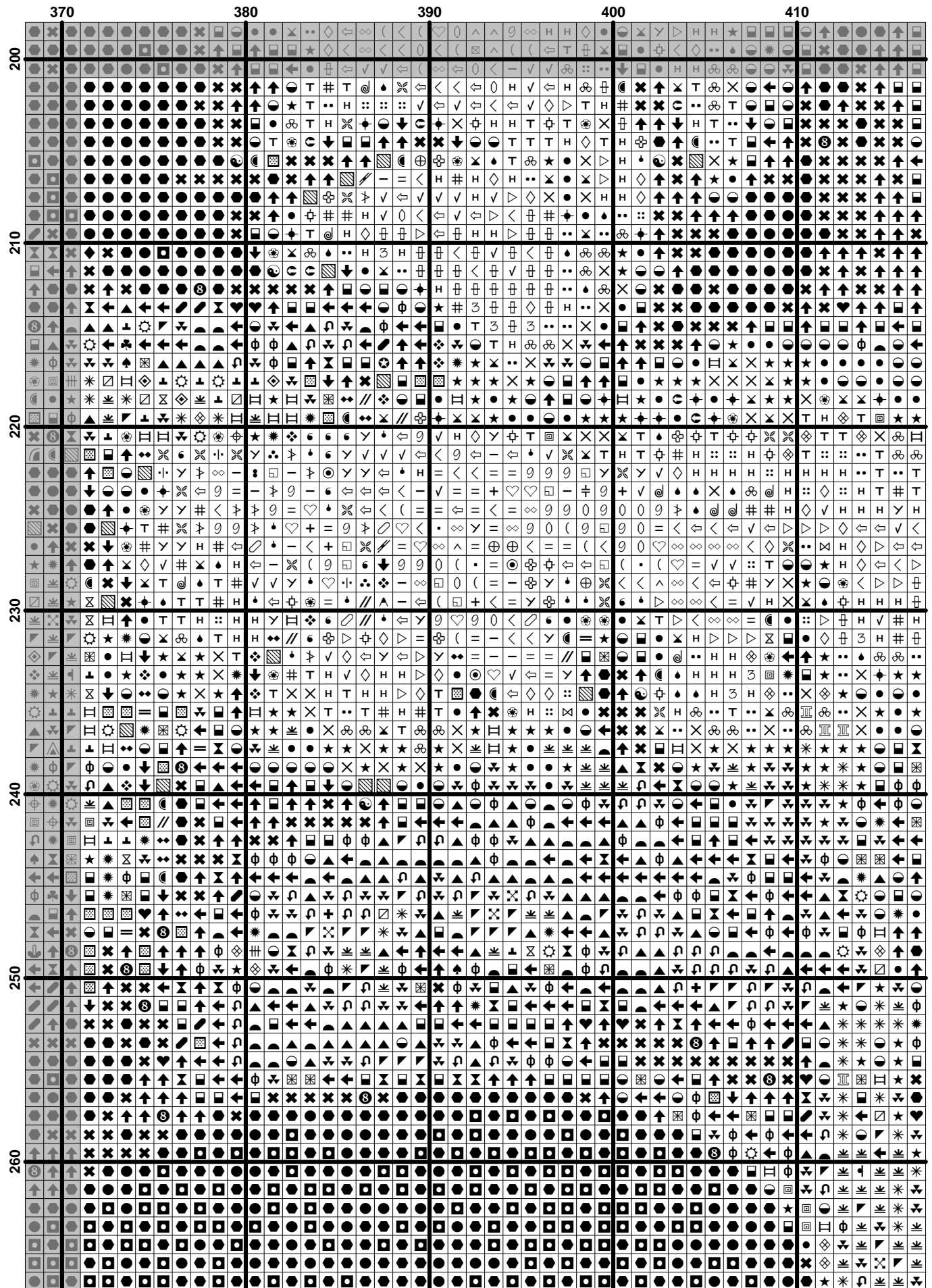
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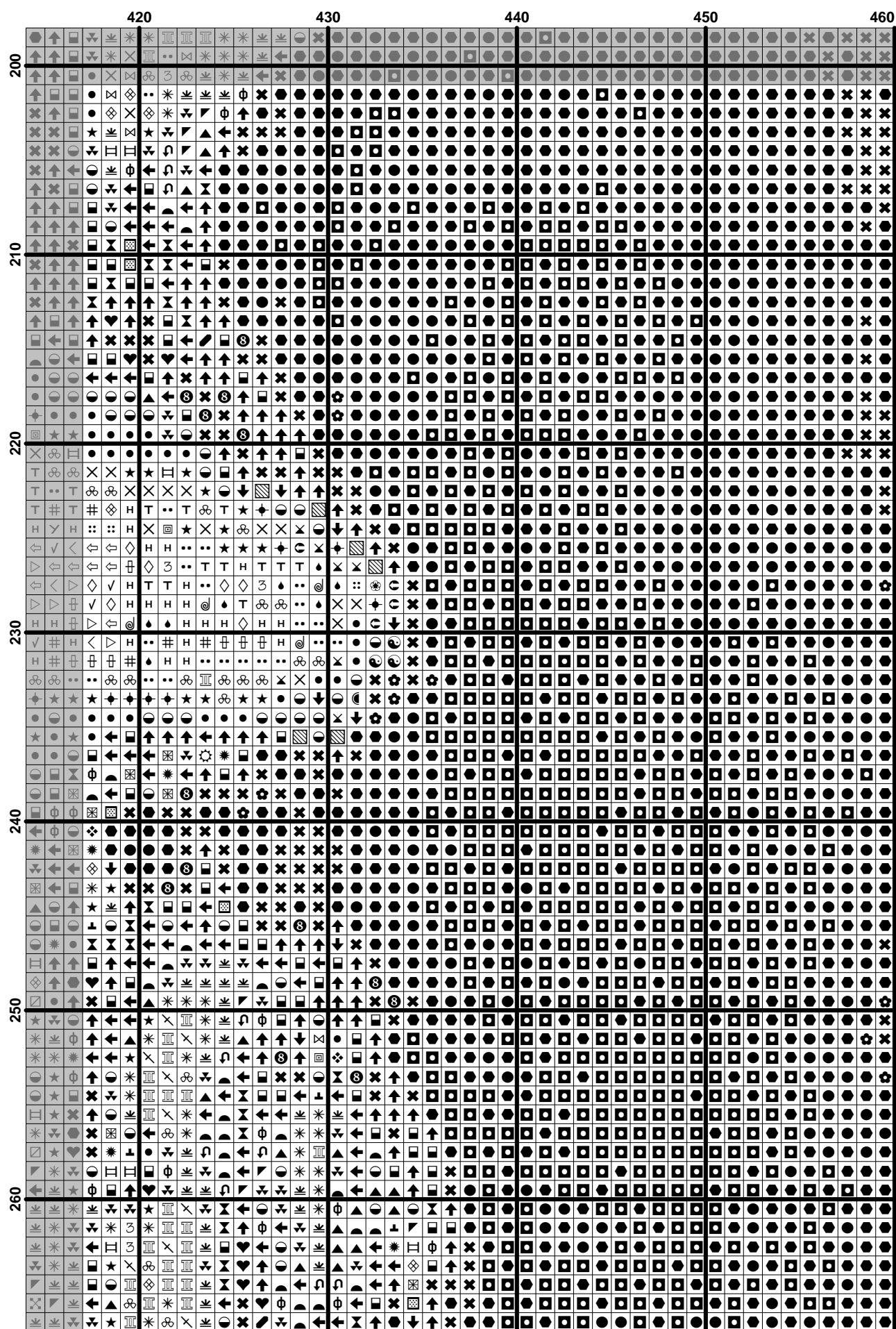
$$(45) \quad \begin{aligned} & \text{[The } \langle \text{Noun}_i \rangle \text{ is a noun]} \\ & \rightarrow [\text{The } \langle \text{Noun}_i \rangle \text{ is a noun}] \end{aligned}$$

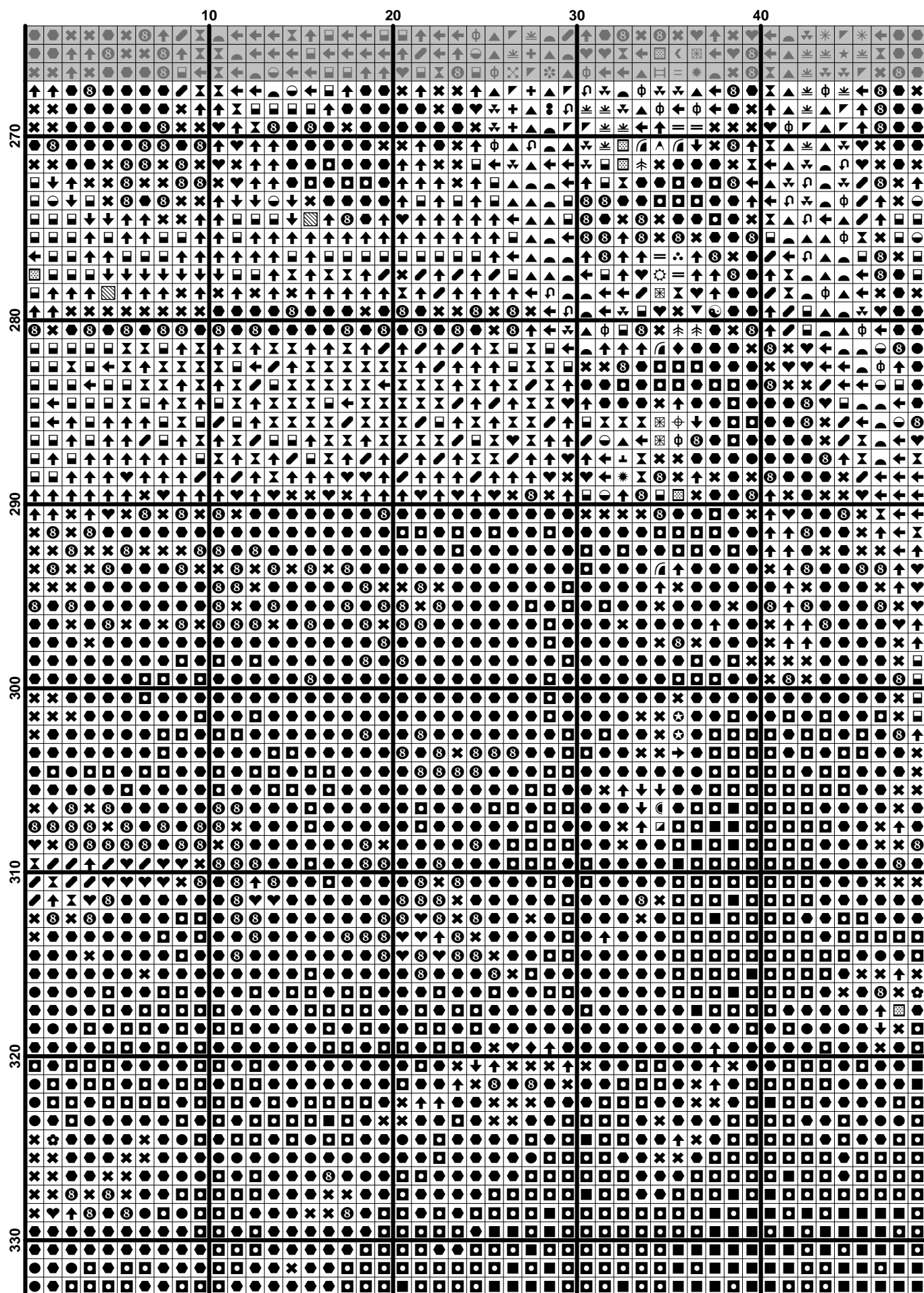


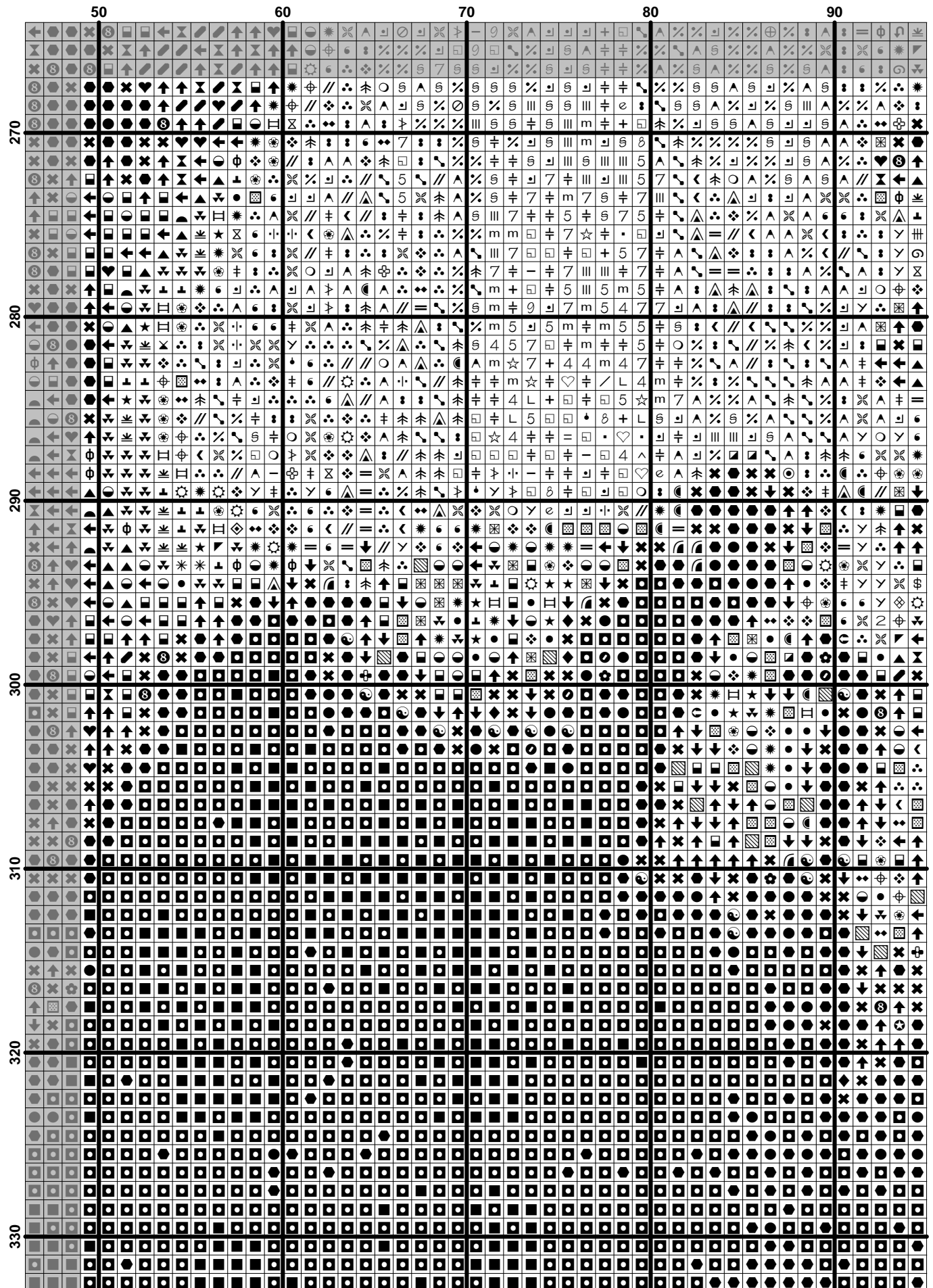








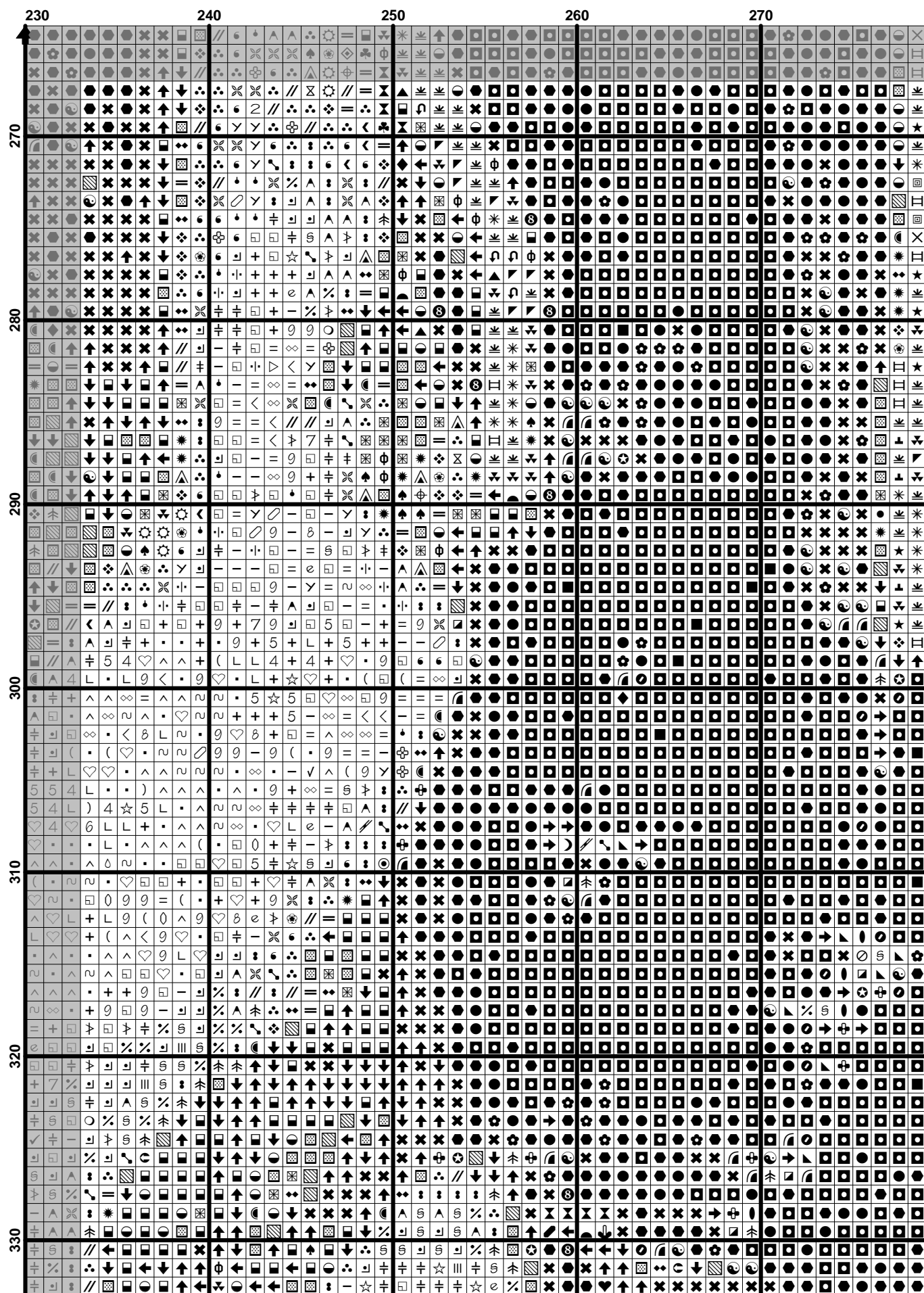


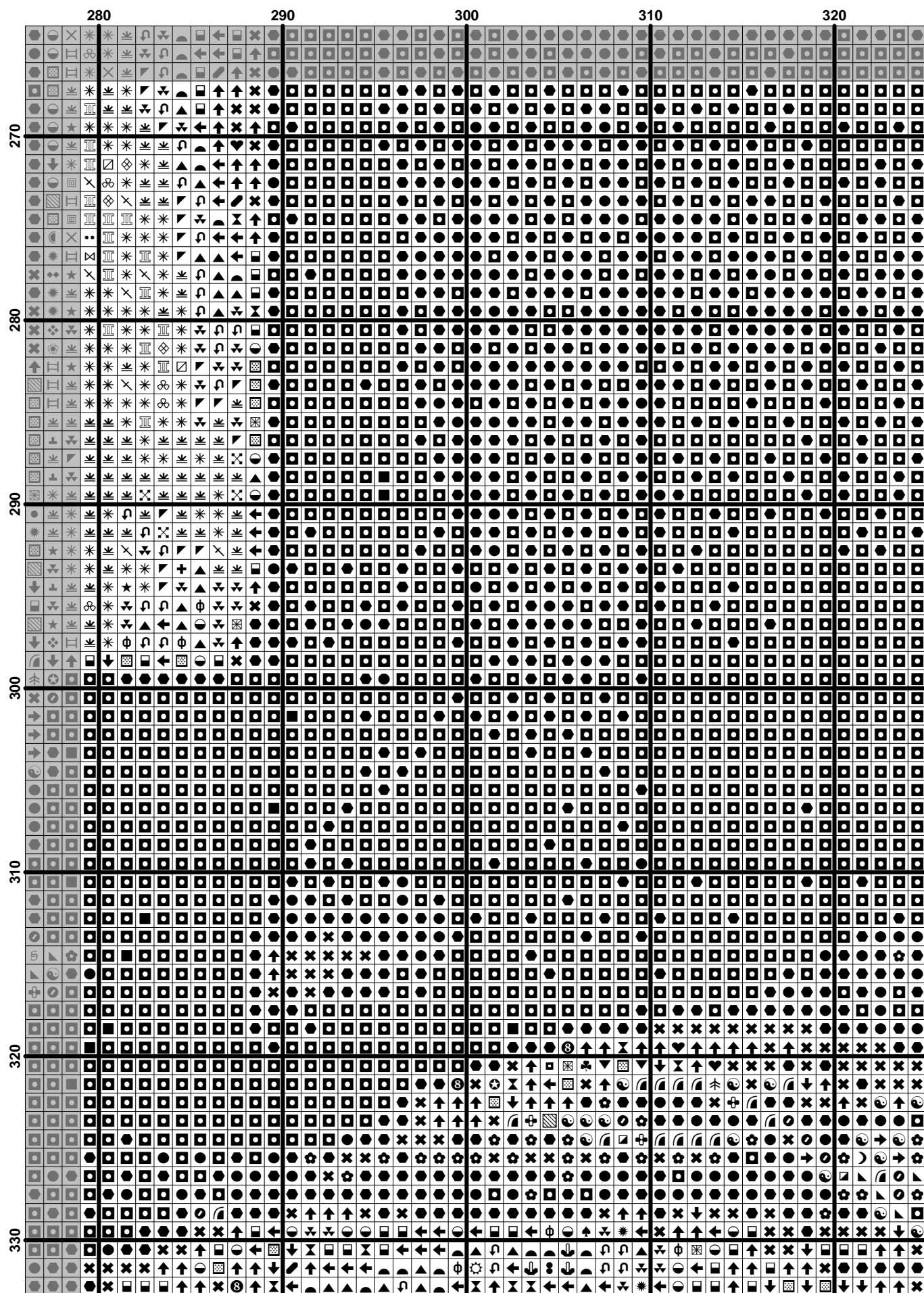


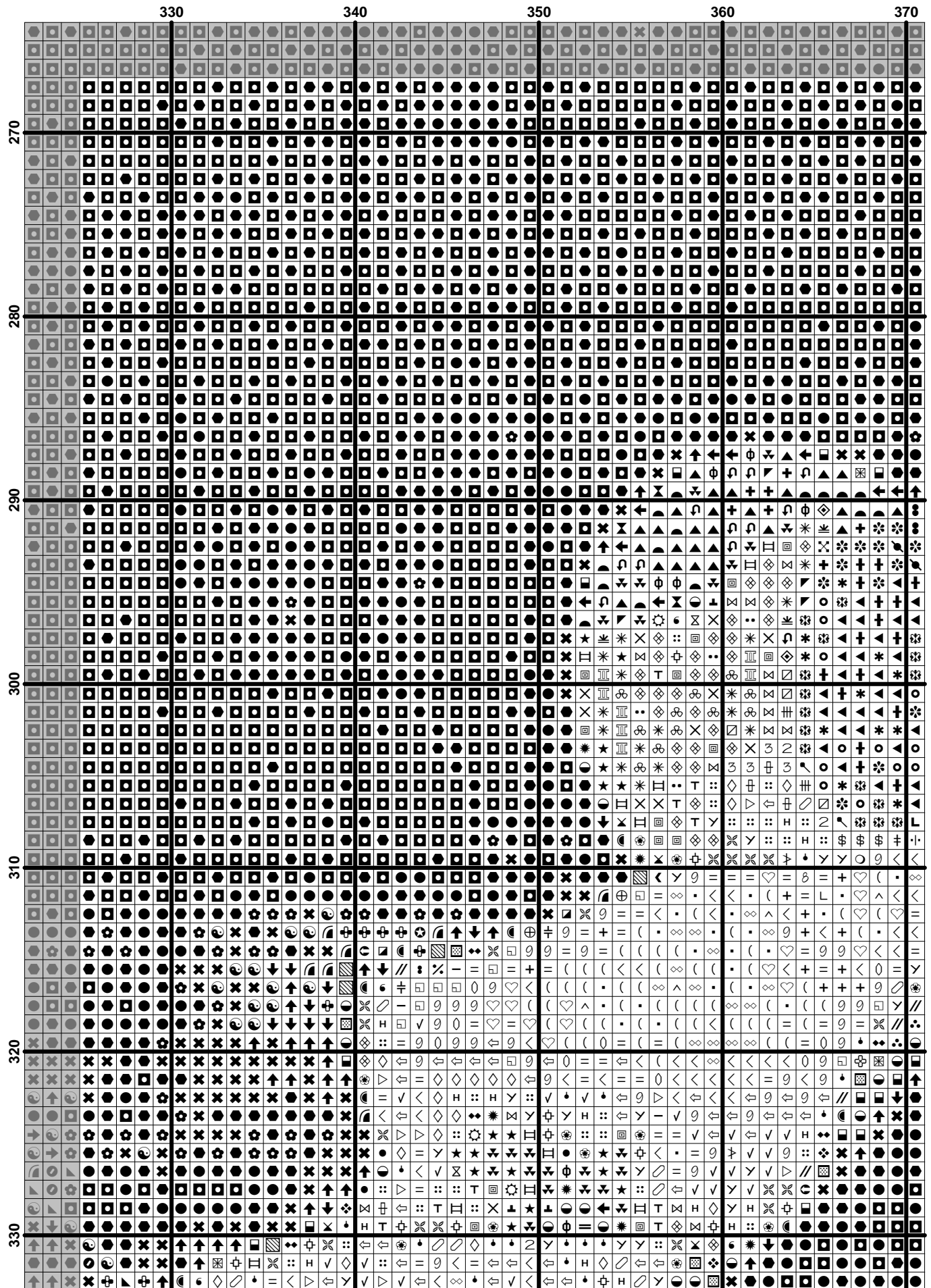
$$(53) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$

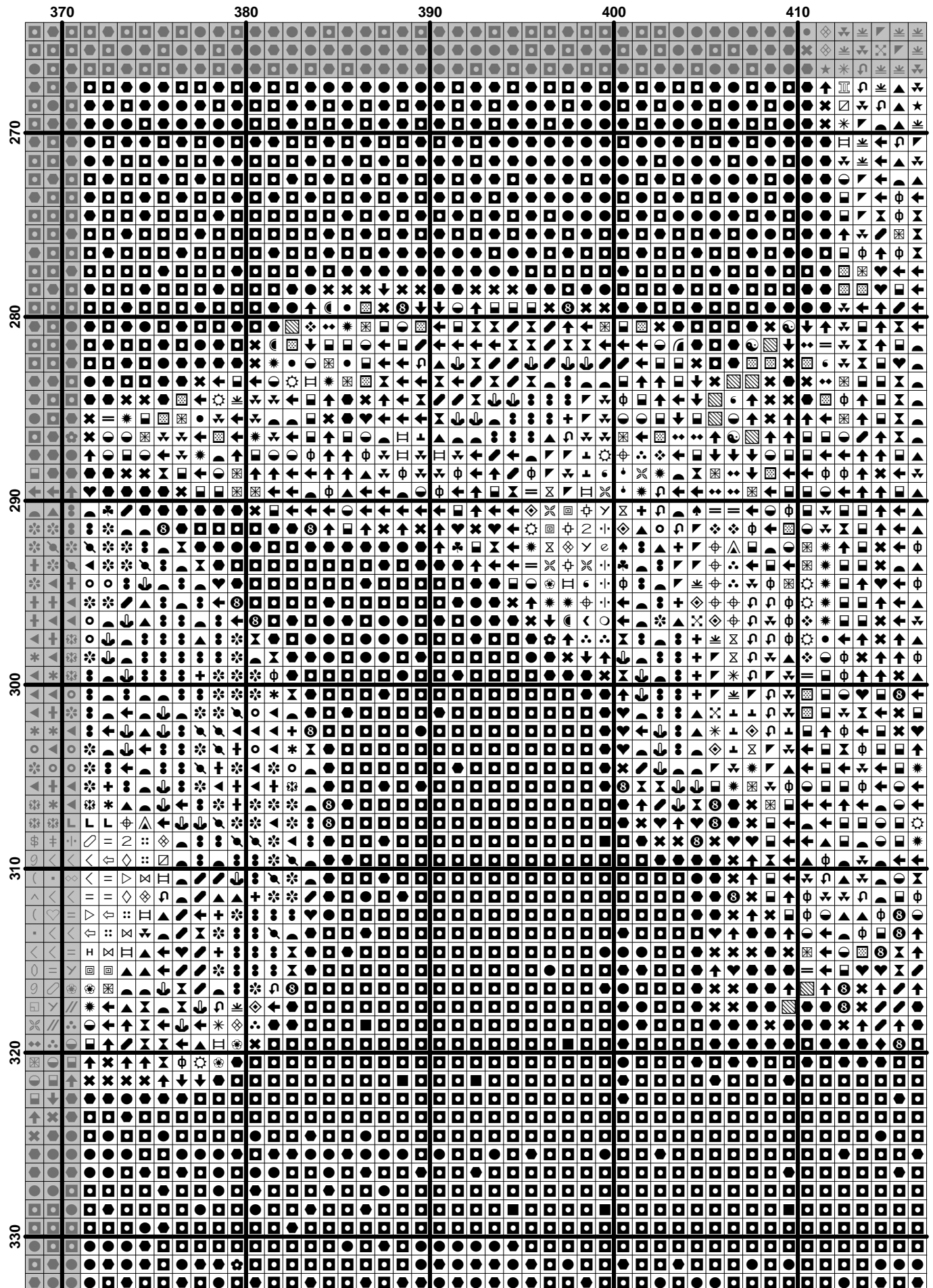
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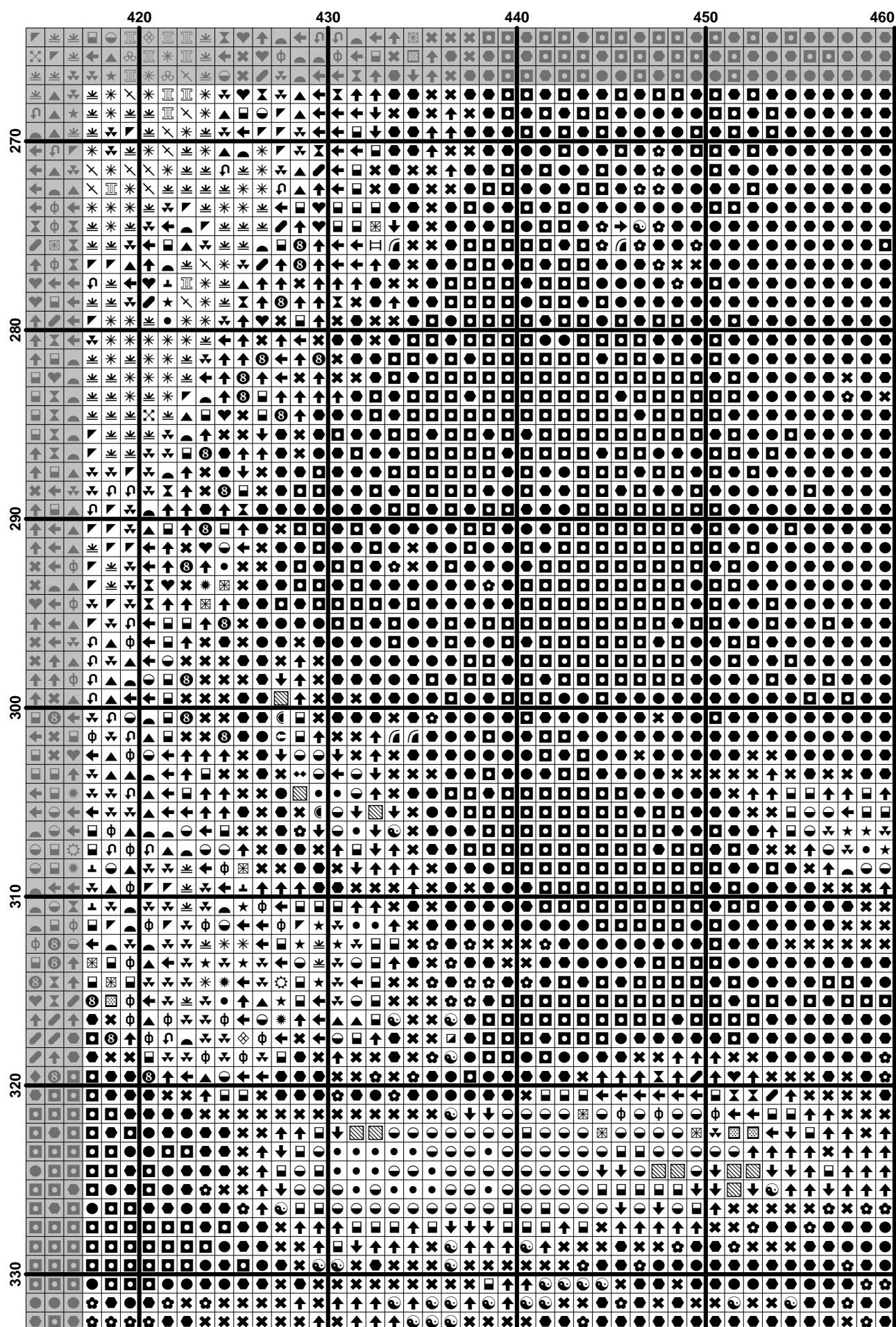
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270					
280					
290					
300					
310					
320					
330					

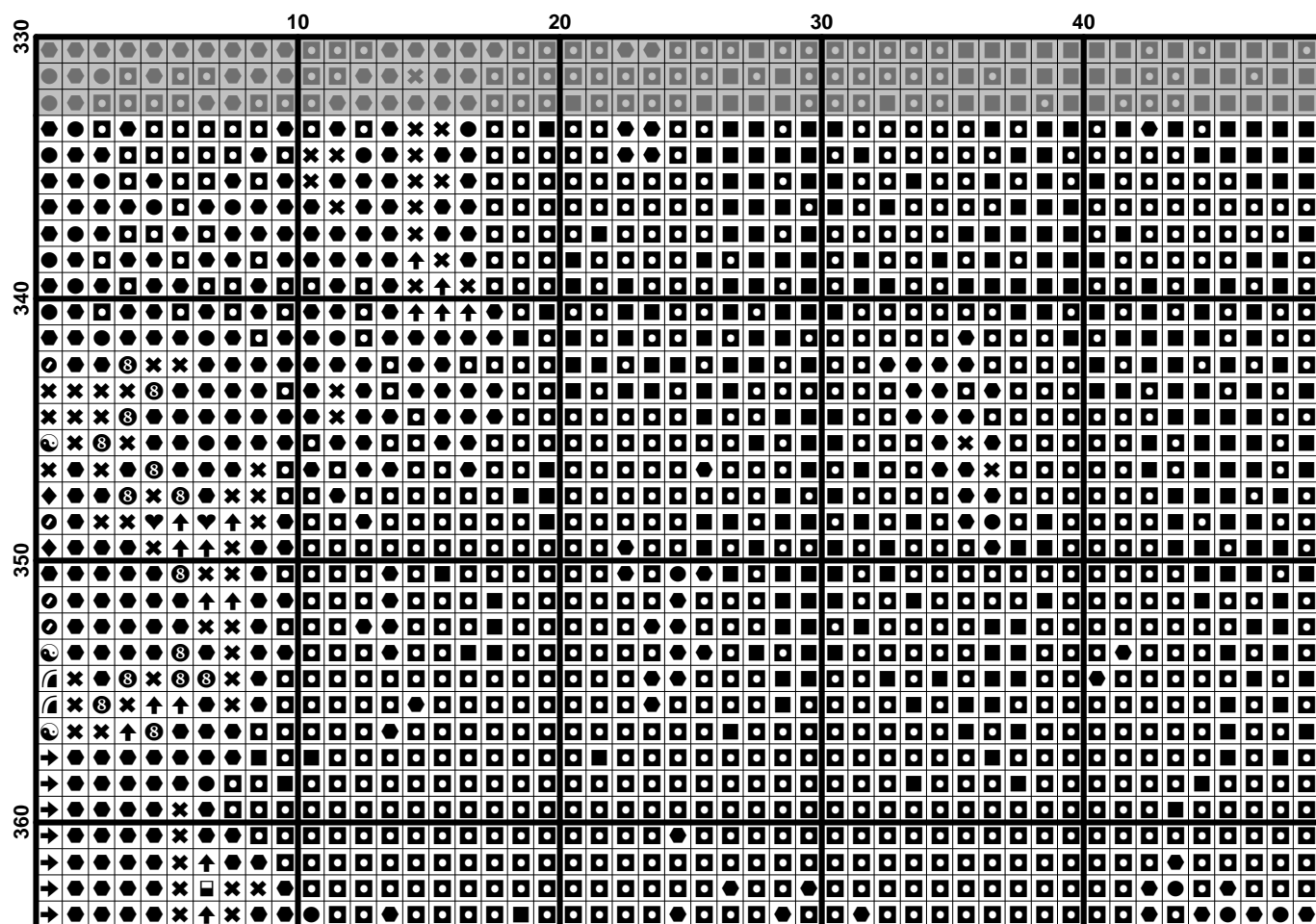


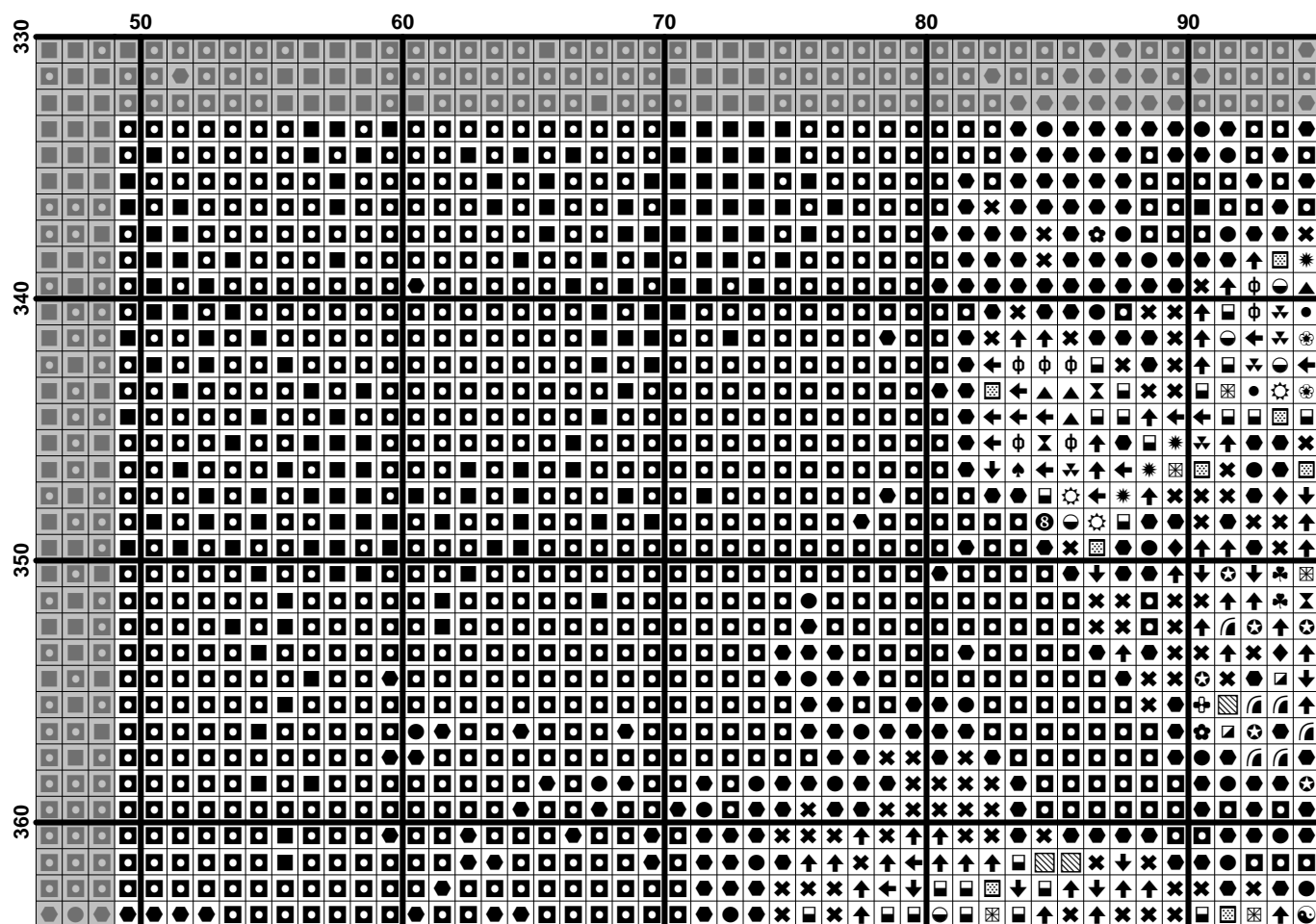


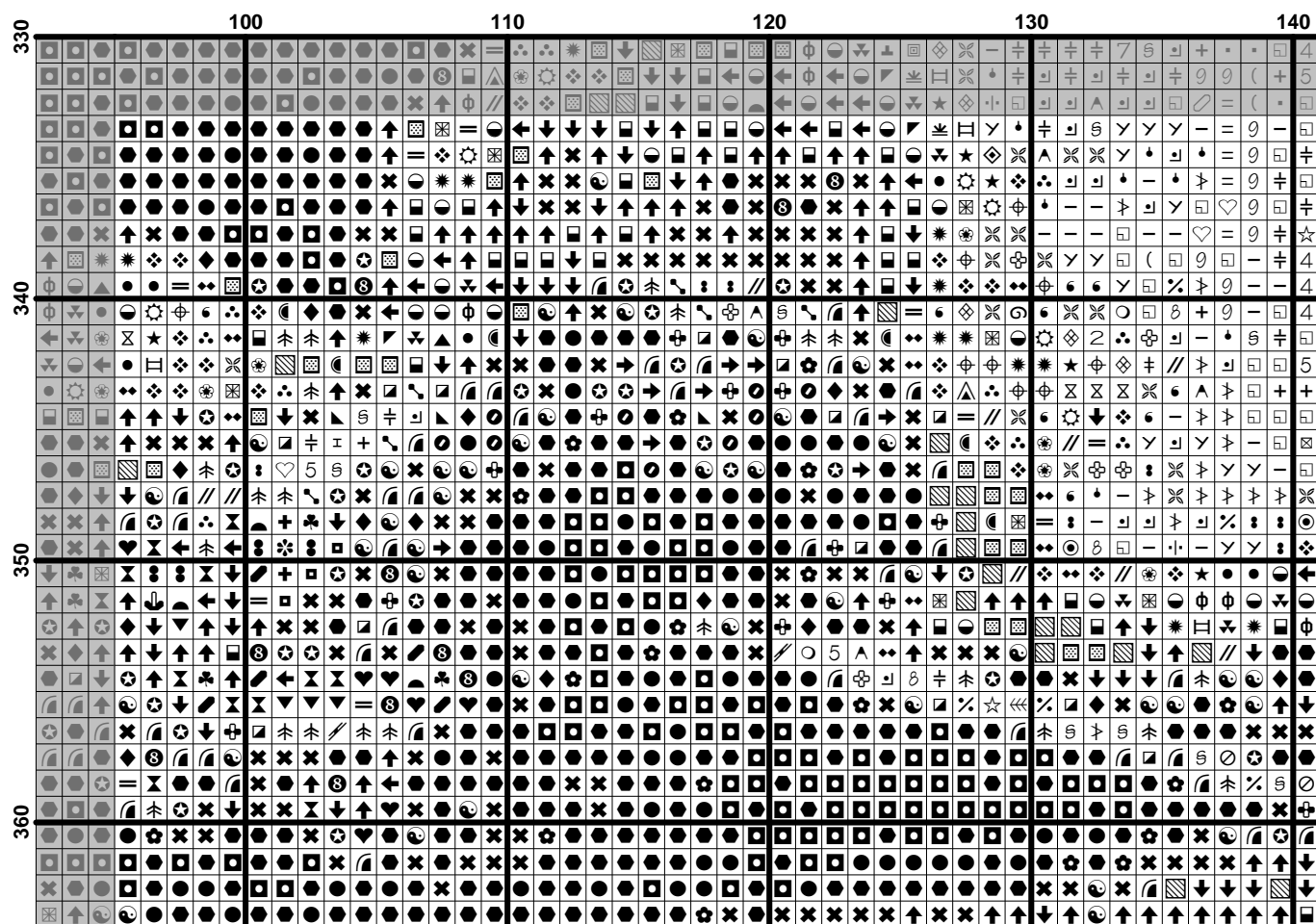


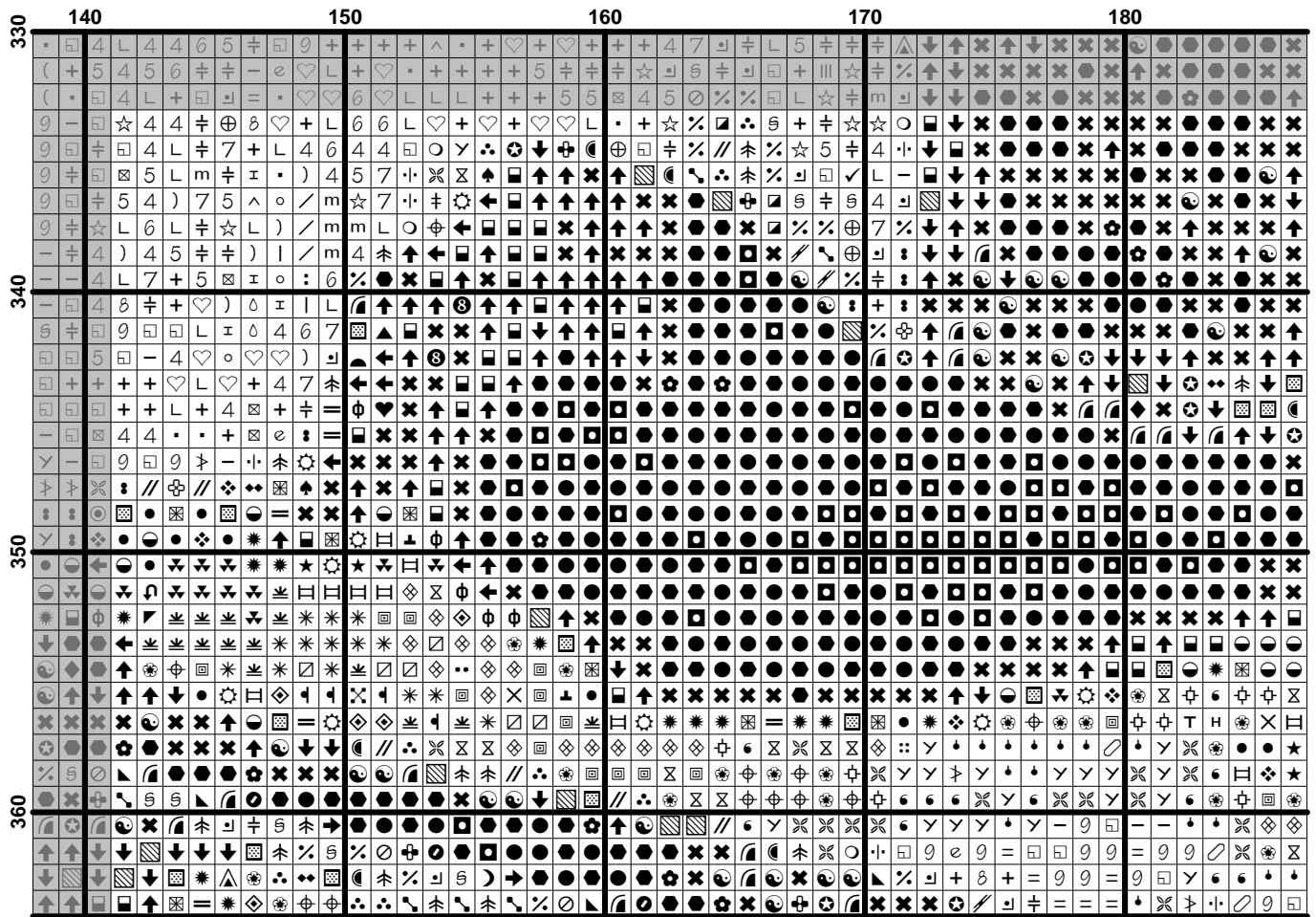












[illegible]

