

1084 The Broken Vase



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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 Broken Vase												
<div>Stitch Count</div>					<div>Recommended Fabric Color</div>							
Horizontal:		400			Antique White							
Vertical:		597										
<p>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.</p> <p>The sizes are given for 14, 16 and 18 stitches per inch fabric s.</p> <p>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.</p>												
	14				16				18			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	73	28.44	109	42.58	64	24.89	95	37.26	57	22.125	85	33.125
Including Margins:	89	35	125	49	80	31	111	44	73	29	101	40
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	102	39.81	152	59.61	85	33.18	127	49.67	42	16.59	63	24.83
Including Margins:	118	46	168	66	101	40	143	56	58	23	79	31
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	40	15.92	61	23.84	39	15.31	58	22.92	37	14.74	56	22.07
Including Margins:	56	22	77	30	55	22	74	29	53	21	72	29
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	36	14.22	54	21.29	34	13.27	50	19.87	31	12.44	47	18.62
Including Margins:	52	21	70	28	50	20	66	26	47	19	63	25

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
●	310	Black
⊗	315	Antique Mauve-VY DK
★	317	Pewter Gray
⊕	356	Terra Cotta-MD
⦶	371	Mustard
· ·	372	Mustard-LT
∩	407	Desert Sand-DK
+	413	Pewter Gray -DK
⊙	414	Steel Gray-DK
⧻	420	Hazelnut Brown-DK
ⓔ	422	Hazelnut Brown-LT
5	437	Tan-LT
⬤	451	Shell Gray-DK
√	452	Shell Gray-MD
∪	524	Fern Green-VY LT
⋈	535	Ash Gray-VY LT
<	543	Beige Brown-UL VY LT
‡	597	Turquoise
⦿	610	Drab Brown-DK
2	612	Drab Brown-LT
*	632	Desert Sand-UL VY DK
⬆	645	Beaver Gray-VY DK
↘	646	Beaver Gray-DK
◇	647	Beaver Gray-MD
β	648	Beaver Gray-LT
n	712	Cream
+	738	Tan-VY LT
>	739	Tan-UL VY LT
1	746	Off White
♡	754	Peach-LT
9	758	Terra Cotta-VY LT
✓	807	Peacock Blue
Ⓢ	823	Navy Blue-DK
◀	840	Beige Brown-MD
‡	841	Beige Brown-LT
⊕	844	Beaver Brown-UL DK

⊗	926	Gray Green-MD
::	927	Gray Green-LT
/	928	Gray Green-VY LT
☛	938	Coffee Brown-UL DK
■	939	Navy Blue-VY DK
:	950	Desert Sand-LT
(951	Tawny -LT
Ⓢ	993	Aquamarine-LT
⇒	3024	Brown Gray -VY LT
⊕	3041	Antique Violet-MD
↑	3064	Desert Sand
•	3072	Beaver Gray-VY LT
Δ	3078	Golden Yellow -VY LT
↖	3328	Salmon-DK
●	3371	Black Brown
⦿	3722	Shell Pink- MD
*	3740	Antique Violet-DK
↑	3750	Antique Blue-VY DK
)	3753	Antique Blue-UL VY LT
o	3768	Gray Green-DK
‡	3772	Desert Sand-VY DK
∇	3778	Terra Cotta-LT
▲	3781	Mocha Brown-DK
∩	3782	Mocha Brown-LT
‡	3787	Brown Gray -DK
//	3790	Beige Gray-UL DK
➔	3799	Pewter Gray -VY DK
⦿	3802	Antique Mauve-VY DK
△	3823	Yellow -UL Pale
○	3824	Apricot-LT
▼	3828	Hazelnut Brown
..	3849	Teal Green-LT
‡	3856	Mahogany-UL VY LT
∩	3861	Cocoa-LT
Z	3863	Mocha Beige-MD
∩	3864	Mocha Beige-LT
u	3865	Winter White
±	3866	Mocha Brown-UL VY LT
∩	Ecu	Ecu

Blend Stitches. Use one strand of each of DMC1 and DMC2 for these stitches.				
Symbol	DMC1	Name1	DMC2	Name2
←	3021	Brown Gray -VY DK	3799	Pewter Gray -VY DK
◇	738	Tan-VY LT	3782	Mocha Brown-LT
▶	839	Beige Brown-DK	3787	Brown Gray -DK
◀	610	Drab Brown-DK	839	Beige Brown-DK
✓	3861	Cocoa-LT	647	Beaver Gray-MD
‡	3787	Brown Gray -DK	3790	Beige Gray-UL DK
⬆	3021	Brown Gray -VY DK	844	Beaver Brown-UL DK
∅	451	Shell Gray-DK	3860	Cocoa
=	738	Tan-VY LT	739	Tan-UL VY LT
♠	610	Drab Brown-DK	3781	Mocha Brown-DK

▲	610	Drab Brown-DK	632	Desert Sand-UL VY DK
■	413	Pewter Gray -DK	3799	Pewter Gray -VY DK
☼	3772	Desert Sand-VY DK	632	Desert Sand-UL VY DK
◆	938	Coffee Brown-UL DK	3799	Pewter Gray -VY DK
☼	938	Coffee Brown-UL DK	3371	Black Brown
☼	938	Coffee Brown-UL DK	3021	Brown Gray -VY DK
☼	844	Beaver Brown-UL DK	3834	Grape-DK
♣	844	Beaver Brown-UL DK	3799	Pewter Gray -VY DK
☼	938	Coffee Brown-UL DK	844	Beaver Brown-UL DK
■	3371	Black Brown	939	Navy Blue-VY DK
■	3799	Pewter Gray -VY DK	3834	Grape-DK
☼	938	Coffee Brown-UL DK	3802	Antique Mauve-VY DK
↓	3802	Antique Mauve-VY DK	3799	Pewter Gray -VY DK
▼	839	Beige Brown-DK	3802	Antique Mauve-VY DK
✕	823	Navy Blue-DK	3802	Antique Mauve-VY DK
○	823	Navy Blue-DK	938	Coffee Brown-UL DK
♥	823	Navy Blue-DK	838	Beige Brown-VY DK
○	823	Navy Blue-DK	924	Gray Green-VY DK
↓	823	Navy Blue-DK	930	Antique Blue-DK
♫	930	Antique Blue-DK	3809	Turquoise-VY DK
■	3808	Turquoise-UL VY DK	3809	Turquoise-VY DK
☾	317	Pewter Gray	3809	Turquoise-VY DK
✕	3809	Turquoise-VY DK	931	Antique Blue-MD
■	838	Beige Brown-VY DK	3031	Mocha Brown-VY DK
■	3834	Grape-DK	413	Pewter Gray -DK
●	3740	Antique Violet-DK	535	Ash Gray -VY LT
▲	645	Beaver Gray-VY DK	3740	Antique Violet-DK
✕	315	Antique Mauve-VY DK	840	Beige Brown-MD
L	3041	Antique Violet-MD	3860	Cocoa
=	315	Antique Mauve-VY DK	3787	Brown Gray -DK
✕	3834	Grape-DK	3787	Brown Gray -DK
✕	3861	Cocoa-LT	841	Beige Brown-LT
■	413	Pewter Gray -DK	535	Ash Gray -VY LT
●	3802	Antique Mauve-VY DK	844	Beaver Brown-UL DK
✕	407	Desert Sand-DK	3733	Dusty Rose
■	223	Shell Pink-LT	407	Desert Sand-DK
☼	3722	Shell Pink-MD	3772	Desert Sand-VY DK
c	223	Shell Pink-LT	451	Shell Gray-DK
☆	407	Desert Sand-DK	758	Terra Cotta-VY LT
☼	3726	Antique Mauve-DK	3772	Desert Sand-VY DK
✕	3721	Shell Pink-DK	3726	Antique Mauve-DK
?	3722	Shell Pink-MD	223	Shell Pink-LT
Φ	632	Desert Sand-UL VY DK	3802	Antique Mauve-VY DK
c	3721	Shell Pink-DK	3802	Antique Mauve-VY DK
☼	3772	Desert Sand-VY DK	3802	Antique Mauve-VY DK
	407	Desert Sand-DK	3864	Mocha Beige-LT
■	224	Shell Pink-VY LT	3864	Mocha Beige-LT
6	224	Shell Pink-VY LT	950	Desert Sand-LT
□	754	Peach-LT	951	Tawny -LT
■	407	Desert Sand-DK	451	Shell Gray-DK
✕	223	Shell Pink-LT	3772	Desert Sand-VY DK
☼	3772	Desert Sand-VY DK	451	Shell Gray-DK
**	823	Navy Blue-DK	844	Beaver Brown-UL DK
■	407	Desert Sand-DK	3772	Desert Sand-VY DK
o	3823	Yellow -UL Pale	951	Tawny -LT
a	224	Shell Pink-VY LT	758	Terra Cotta-VY LT
^	3823	Yellow -UL Pale	353	Peach
■	413	Pewter Gray -DK	645	Beaver Gray -VY DK
†	3768	Gray Green-DK	3799	Pewter Gray -VY DK

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⌈	3860	Cocoa	645	Beaver Gray-VY DK
⌋	451	Shell Gray-DK	645	Beaver Gray-VY DK
⌋	420	Hazelnut Brown-DK	3790	Beige Gray-UL DK
⌋	840	Beige Brown-MD	3772	Desert Sand-VY DK
⌋	3721	Shell Pink-DK	315	Antique Mauve-VY DK
⌋	754	Peach-LT	758	Terra Cotta-VY LT
△	3824	Apricot-LT	758	Terra Cotta-VY LT
▷	3824	Apricot-LT	353	Peach
⌋	3823	Yellow-UL Pale	3824	Apricot-LT
⌋	3778	Terra Cotta-LT	356	Terra Cotta-MD
7	407	Desert Sand-DK	352	Coral-LT
⌋	3861	Cocoa-LT	414	Steel Gray-DK
⊙	3726	Antique Mauve-DK	3860	Cocoa
3	3864	Mocha Beige-LT	758	Terra Cotta-VY LT
⌋	3772	Desert Sand-VY DK	3778	Terra Cotta-LT
○	407	Desert Sand-DK	3778	Terra Cotta-LT
⌋	3721	Shell Pink-DK	221	Shell Pink-VY DK
↑	739	Tan-UL VY LT	3823	Yellow-UL Pale
L	754	Peach-LT	3824	Apricot-LT
∞	353	Peach	746	Off White
«	746	Off White	3823	Yellow-UL Pale
♠	3849	Teal Green-LT	3809	Turquoise-VY DK
#	414	Steel Gray-DK	927	Gray Green-LT
m	452	Shell Gray-MD	927	Gray Green-LT
⌋	648	Beaver Gray-LT	927	Gray Green-LT
III	414	Steel Gray-DK	452	Shell Gray-MD
⌋	3041	Antique Violet-MD	317	Pewter Gray
△	317	Pewter Gray	3860	Cocoa
⌋	778	Antique Mauve-VY LT	3024	Brown Gray-VY LT
T	3861	Cocoa-LT	3041	Antique Violet-MD
⌋	451	Shell Gray-DK	3041	Antique Violet-MD
⌋	451	Shell Gray-DK	646	Beaver Gray-DK
♦	317	Pewter Gray	3740	Antique Violet-DK
\$	3828	Hazelnut Brown	420	Hazelnut Brown-DK
v	543	Beige Brown-UL VY LT	3024	Brown Gray-VY LT
⊕	926	Gray Green-MD	931	Antique Blue-MD
H	317	Pewter Gray	926	Gray Green-MD
▲	414	Steel Gray-DK	3849	Teal Green-LT
⌋	3849	Teal Green-LT	597	Turquoise
⌋	926	Gray Green-MD	3849	Teal Green-LT
⌋	931	Antique Blue-MD	3849	Teal Green-LT
⌋	414	Steel Gray-DK	503	Blue Green-MD
⌋	926	Gray Green-MD	414	Steel Gray-DK
⌋	648	Beaver Gray-LT	993	Aquamarine-LT
⌋	3766	Peacock Blue-LT	932	Antique Blue-LT
⌋	648	Beaver Gray-LT	598	Turquoise-LT
♠	927	Gray Green-LT	932	Antique Blue-LT
⌋	414	Steel Gray-DK	932	Antique Blue-LT
H	932	Antique Blue-LT	3849	Teal Green-LT
*	3328	Salmon-DK	3830	Terra Cotta-MD
⌋	3809	Turquoise-VY DK	926	Gray Green-MD
⌋	3834	Grape-DK	3740	Antique Violet-DK
■	3740	Antique Violet-DK	413	Pewter Gray-DK
4	224	Shell Pink-VY LT	648	Beaver Gray-LT
⊙	3778	Terra Cotta-LT	3328	Salmon-DK
—	437	Tan-LT	3064	Desert Sand

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	6	2	5	1	5	1
223	Shell Pink-LT	430	169	410	161	369	145
224	Shell Pink-VY LT	618	243	589	231	530	208
310	Black	98	38	93	36	84	33
315	Antique Mauve-VY DK	683	268	650	255	585	230
317	Pewter Gray	927	364	882	347	794	312
352	Coral-LT	24	9	23	9	21	8
353	Peach	183	72	175	68	157	61
356	Terra Cotta-MD	33	12	31	12	28	11
371	Mustard	388	152	370	145	333	131
372	Mustard-LT	215	84	205	80	184	72
407	Desert Sand-DK	1823	717	1736	683	1562	614
413	Pewter Gray -DK	1036	407	986	388	888	349
414	Steel Gray-DK	1072	422	1021	401	919	361
420	Hazelnut Brown-DK	203	79	193	75	174	68
422	Hazelnut Brown-LT	103	40	98	38	88	34
437	Tan-LT	144	56	137	53	123	48
451	Shell Gray-DK	1527	601	1455	572	1309	515
452	Shell Gray-MD	682	268	649	255	584	229
503	Blue Green-MD	64	25	61	24	55	21
524	Fern Green-VY LT	118	46	112	44	101	39
535	Ash Gray-VY LT	701	275	668	262	601	236
543	Beige Brown-UL VY LT	505	198	481	189	433	170
597	Turquoise	25	9	24	9	22	8
598	Turquoise-LT	73	28	70	27	63	24
610	Drab Brown-DK	337	132	321	126	289	113
612	Drab Brown-LT	550	216	524	206	471	185
632	Desert Sand-UL VY DK	301	118	287	112	258	101
645	Beaver Gray-VY DK	972	382	925	364	833	327
646	Beaver Gray-DK	217	85	207	81	186	73
647	Beaver Gray-MD	311	122	296	116	266	104
648	Beaver Gray-LT	777	305	740	291	666	262
712	Cream	559	220	533	209	479	188
738	Tan-VY LT	1000	393	953	375	857	337
739	Tan-UL VY LT	894	351	851	335	766	301
746	Off White	3519	1385	3352	1319	3016	1187
754	Peach-LT	1073	422	1021	401	919	361
758	Terra Cotta-VY LT	860	338	819	322	737	290
778	Antique Mauve-VY LT	129	50	123	48	110	43
807	Peacock Blue	5	1	5	1	4	1
823	Navy Blue-DK	4699	1850	4475	1761	4027	1585
838	Beige Brown-VY DK	936	368	892	351	803	316
839	Beige Brown-DK	518	203	494	194	444	174
840	Beige Brown-MD	727	286	692	272	623	245
841	Beige Brown-LT	462	181	440	173	396	155
844	Beaver Brown-UL DK	3500	1377	3333	1312	3000	1181
924	Gray Green-VY DK	183	72	174	68	156	61
926	Gray Green-MD	473	186	450	177	405	159
927	Gray Green-LT	856	337	816	321	734	288
928	Gray Green-VY LT	283	111	270	106	243	95
930	Antique Blue-DK	67	26	64	25	57	22
931	Antique Blue-MD	215	84	205	80	184	72
932	Antique Blue-LT	199	78	189	74	170	66
938	Coffee Brown-UL DK	3969	1562	3780	1488	3402	1339

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939	Navy Blue-VY DK	1175	462	1119	440	1007	396
950	Desert Sand-LT	395	155	376	148	338	133
951	Tawny-LT	249	98	237	93	213	83
993	Aquamarine-LT	103	40	99	38	89	35
3021	Brown Gray -VY DK	1097	431	1045	411	940	370
3024	Brown Gray -VY LT	604	237	575	226	518	203
3031	Mocha Brown-VY DK	39	15	37	14	33	12
3041	Antique Violet-MD	840	330	800	314	720	283
3064	Desert Sand	190	74	181	71	163	64
3072	Beaver Gray-VY LT	353	138	336	132	302	118
3078	Golden Yellow -VY LT	182	71	173	68	156	61
3328	Salmon-DK	65	25	62	24	56	22
3371	Black Brown	824	324	784	308	706	277
3721	Shell Pink- DK	58	22	55	21	49	19
3722	Shell Pink- MD	74	29	70	27	63	24
3726	Antique Mauve-DK	337	132	321	126	289	113
3733	Dusty Rose	40	15	38	14	34	13
3740	Antique Violet-DK	896	352	853	335	768	302
3750	Antique Blue-VY DK	19	7	18	7	16	6
3753	Antique Blue-UL VY LT	14	5	13	5	12	4
3766	Peacock Blue-LT	17	6	16	6	14	5
3768	Gray Green-DK	252	99	240	94	216	85
3772	Desert Sand-VY DK	1441	567	1372	540	1235	486
3778	Terra Cotta-LT	103	40	99	38	89	35
3781	Mocha Brown-DK	288	113	274	107	246	96
3782	Mocha Brown-LT	483	190	460	181	414	162
3787	Brown Gray -DK	1461	575	1392	548	1252	492
3790	Beige Gray-UL DK	620	244	590	232	531	209
3799	Pewter Gray -VY DK	3637	1431	3464	1363	3118	1227
3802	Antique Mauve-VY DK	1362	536	1297	510	1168	459
3808	Turquoise-UL VY DK	11	4	10	3	9	3
3809	Turquoise-VY DK	193	75	183	72	165	64
3823	Yellow -UL Pale	1556	612	1481	583	1333	524
3824	Apricot-LT	466	183	444	174	400	157
3828	Hazelnut Brown	299	117	285	112	256	100
3830	Terra Cotta-MD	17	6	16	6	15	5
3834	Grape-DK	1173	461	1117	439	1005	395
3849	Teal Green-LT	283	111	269	105	242	95
3856	Mahogany-UL VY LT	63	24	60	23	54	21
3860	Cocoa	1013	398	964	379	868	341
3861	Cocoa-LT	658	259	627	246	564	222
3863	Mocha Beige-MD	488	192	464	182	418	164
3864	Mocha Beige-LT	1233	485	1174	462	1057	416
3865	Winter White	1205	474	1148	451	1033	406
3866	Mocha Brown-UL VY LT	707	278	674	265	606	238
Ecru	Ecru	490	192	467	183	420	165

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	9	2	8	2	4	1
223	Shell Pink-LT	664	261	554	218	277	109
224	Shell Pink-VY LT	954	374	795	312	398	156
310	Black	151	59	126	50	63	25
315	Antique Mauve-VY DK	1053	414	878	345	439	173
317	Pewter Gray	1429	562	1191	468	596	234

352	Coral-LT	38	14	32	12	16	6
353	Peach	283	110	236	92	118	46
356	Terra Cotta-MD	50	20	42	17	21	8
371	Mustard	599	236	500	197	250	98
372	Mustard-LT	331	130	276	108	138	54
407	Desert Sand-DK	2812	1105	2343	921	1172	461
413	Pewter Gray -DK	1598	628	1332	524	666	262
414	Steel Gray-DK	1654	650	1379	542	689	271
420	Hazelnut Brown-DK	313	122	261	102	131	51
422	Hazelnut Brown-LT	158	61	132	51	66	26
437	Tan-LT	221	86	185	72	92	36
451	Shell Gray-DK	2356	927	1964	773	982	386
452	Shell Gray-MD	1051	412	876	344	438	172
503	Blue Green-MD	99	38	83	32	41	16
524	Fern Green-VY LT	182	70	152	59	76	29
535	Ash Gray -VY LT	1082	425	902	354	451	177
543	Beige Brown-UL VY LT	779	306	650	255	325	128
597	Turquoise	40	14	33	12	17	6
598	Turquoise-LT	113	43	95	36	47	18
610	Drab Brown-DK	520	203	434	170	217	85
612	Drab Brown-LT	848	333	707	278	353	139
632	Desert Sand-UL VY DK	464	182	387	152	194	76
645	Beaver Gray-VY DK	1499	589	1250	491	625	245
646	Beaver Gray-DK	335	131	279	110	140	55
647	Beaver Gray-MD	479	187	399	156	200	78
648	Beaver Gray-LT	1199	472	999	393	500	197
712	Cream	862	338	719	282	359	141
738	Tan-VY LT	1543	607	1286	506	643	253
739	Tan-UL VY LT	1379	542	1149	452	575	226
746	Off White	5429	2137	4524	1781	2262	890
754	Peach-LT	1654	650	1379	542	689	271
758	Terra Cotta-VY LT	1327	522	1106	435	553	218
778	Antique Mauve-VY LT	198	77	165	65	83	32
807	Peacock Blue	7	2	6	2	3	1
823	Navy Blue-DK	7249	2853	6041	2378	3020	1189
838	Beige Brown-VY DK	1445	569	1205	474	602	237
839	Beige Brown-DK	799	313	666	261	333	131
840	Beige Brown-MD	1121	441	935	368	467	184
841	Beige Brown-LT	713	279	594	233	297	116
844	Beaver Brown-UL DK	5400	2126	4500	1772	2250	886
924	Gray Green-VY DK	281	110	234	92	117	46
926	Gray Green-MD	729	286	608	239	304	119
927	Gray Green-LT	1321	518	1101	432	551	216
928	Gray Green-VY LT	437	171	365	143	182	71
930	Antique Blue-DK	103	40	86	33	43	17
931	Antique Blue-MD	331	130	276	108	138	54
932	Antique Blue-LT	306	119	255	99	128	50
938	Coffee Brown-UL DK	6124	2410	5103	2009	2552	1004
939	Navy Blue-VY DK	1813	713	1511	594	755	297
950	Desert Sand-LT	608	239	507	200	254	100
951	Tawny -LT	383	149	320	125	160	62
993	Aquamarine-LT	160	63	134	53	67	26
3021	Brown Gray -VY DK	1692	666	1410	555	705	278
3024	Brown Gray -VY LT	932	365	777	305	389	152
3031	Mocha Brown-VY DK	59	22	50	18	25	9
3041	Antique Violet-MD	1296	509	1080	425	540	212
3064	Desert Sand	293	115	245	96	122	48
3072	Beaver Gray-VY LT	544	212	453	177	227	89
3078	Golden Yellow -VY LT	281	110	234	92	117	46

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3328	Salmon-DK	101	40	84	33	42	17
3371	Black Brown	1271	499	1059	416	530	208
3721	Shell Pink-DK	88	34	74	29	37	14
3722	Shell Pink-MD	113	43	95	36	47	18
3726	Antique Mauve-DK	520	203	434	170	217	85
3733	Dusty Rose	61	23	51	20	26	10
3740	Antique Violet-DK	1382	544	1152	453	576	227
3750	Antique Blue-VY DK	29	11	24	9	12	5
3753	Antique Blue-UL VY LT	22	7	18	6	9	3
3766	Peacock Blue-LT	25	9	21	8	11	4
3768	Gray Green-DK	389	153	324	128	162	64
3772	Desert Sand-VY DK	2223	875	1853	729	926	365
3778	Terra Cotta-LT	160	63	134	53	67	26
3781	Mocha Brown-DK	443	173	369	144	185	72
3782	Mocha Brown-LT	745	292	621	243	311	122
3787	Brown Gray -DK	2254	886	1878	738	939	369
3790	Beige Gray-UL DK	956	376	797	314	398	157
3799	Pewter Gray-VY DK	5612	2209	4677	1841	2339	920
3802	Antique Mauve-VY DK	2102	826	1752	689	876	344
3808	Turquoise-UL VY DK	16	5	14	5	7	2
3809	Turquoise-VY DK	297	115	248	96	124	48
3823	Yellow -UL Pale	2399	943	2000	786	1000	393
3824	Apricot-LT	720	283	600	236	300	118
3828	Hazelnut Brown	461	180	384	150	192	75
3830	Terra Cotta-MD	27	9	23	8	11	4
3834	Grape-DK	1809	711	1508	593	754	296
3849	Teal Green-LT	436	171	363	143	182	71
3856	Mahogany-UL VY LT	97	38	81	32	41	16
3860	Cocoa	1562	614	1302	512	651	256
3861	Cocoa-LT	1015	400	846	333	423	167
3863	Mocha Beige-MD	752	295	627	246	314	123
3864	Mocha Beige-LT	1903	749	1586	624	793	312
3865	Winter White	1859	731	1550	609	775	305
3866	Mocha Brown-UL VY LT	1091	428	909	357	455	179
Ecru	Ecru	756	297	630	248	315	124

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	4	1	3	1	3	1
223	Shell Pink-LT	266	104	255	100	246	97
224	Shell Pink-VY LT	382	150	367	144	353	139
310	Black	60	24	58	23	56	22
315	Antique Mauve-VY DK	421	166	405	159	390	153
317	Pewter Gray	572	225	550	216	529	208
352	Coral-LT	15	6	15	6	14	5
353	Peach	113	44	109	42	105	41
356	Terra Cotta-MD	20	8	19	8	19	7
371	Mustard	240	94	231	91	222	87
372	Mustard-LT	132	52	127	50	123	48
407	Desert Sand-DK	1125	442	1081	425	1041	409
413	Pewter Gray -DK	639	251	615	242	592	233
414	Steel Gray-DK	662	260	636	250	613	241
420	Hazelnut Brown-DK	125	49	120	47	116	45
422	Hazelnut Brown-LT	63	24	61	24	59	23
437	Tan-LT	89	35	85	33	82	32

451	Shell Gray-DK	942	371	906	357	873	343
452	Shell Gray-MD	420	165	404	159	389	153
503	Blue Green-MD	40	15	38	15	37	14
524	Fern Green-VY LT	73	28	70	27	67	26
535	Ash Gray-VY LT	433	170	416	163	401	157
543	Beige Brown-UL VY LT	312	122	300	118	289	113
597	Turquoise	16	6	15	6	15	5
598	Turquoise-LT	45	17	44	17	42	16
610	Drab Brown-DK	208	81	200	78	193	75
612	Drab Brown-LT	339	133	326	128	314	123
632	Desert Sand-UL VY DK	186	73	179	70	172	67
645	Beaver Gray-VY DK	600	235	577	226	555	218
646	Beaver Gray-DK	134	53	129	51	124	49
647	Beaver Gray-MD	192	75	184	72	177	69
648	Beaver Gray-LT	480	189	461	181	444	175
712	Cream	345	135	332	130	319	125
738	Tan-VY LT	617	243	593	233	571	225
739	Tan-UL VY LT	552	217	530	208	511	201
746	Off White	2172	855	2088	822	2011	791
754	Peach-LT	662	260	636	250	613	241
758	Terra Cotta-VY LT	531	209	510	201	491	193
778	Antique Mauve-VY LT	79	31	76	30	73	29
807	Peacock Blue	3	1	3	1	3	1
823	Navy Blue-DK	2899	1141	2788	1097	2685	1057
838	Beige Brown-VY DK	578	228	556	219	535	211
839	Beige Brown-DK	320	125	307	120	296	116
840	Beige Brown-MD	449	176	431	170	415	163
841	Beige Brown-LT	285	112	274	107	264	103
844	Beaver Brown-UL DK	2160	850	2077	818	2000	787
924	Gray Green-VY DK	112	44	108	42	104	41
926	Gray Green-MD	292	114	280	110	270	106
927	Gray Green-LT	528	207	508	199	489	192
928	Gray Green-VY LT	175	68	168	66	162	63
930	Antique Blue-DK	41	16	39	15	38	15
931	Antique Blue-MD	132	52	127	50	123	48
932	Antique Blue-LT	122	48	118	46	113	44
938	Coffee Brown-UL DK	2449	964	2355	927	2268	893
939	Navy Blue-VY DK	725	285	697	274	671	264
950	Desert Sand-LT	243	96	234	92	225	89
951	Tawny -LT	153	60	147	57	142	55
993	Aquamarine-LT	64	25	62	24	59	23
3021	Brown Gray -VY DK	677	266	651	256	627	247
3024	Brown Gray -VY LT	373	146	359	141	345	135
3031	Mocha Brown-VY DK	24	9	23	8	22	8
3041	Antique Violet-MD	518	204	498	196	480	189
3064	Desert Sand	117	46	113	44	109	43
3072	Beaver Gray-VY LT	217	85	209	82	201	79
3078	Golden Yellow -VY LT	112	44	108	42	104	41
3328	Salmon-DK	40	16	39	15	37	15
3371	Black Brown	508	199	489	192	471	185
3721	Shell Pink-DK	35	14	34	13	33	13
3722	Shell Pink-MD	45	17	44	17	42	16
3726	Antique Mauve-DK	208	81	200	78	193	75
3733	Dusty Rose	24	9	24	9	23	9
3740	Antique Violet-DK	553	217	532	209	512	201
3750	Antique Blue-VY DK	12	4	11	4	11	4
3753	Antique Blue-UL VY LT	9	3	8	3	8	3
3766	Peacock Blue-LT	10	4	10	3	9	3
3768	Gray Green-DK	156	61	150	59	144	57

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3772	Desert Sand-VY DK	889	350	855	336	823	324
3778	Terra Cotta-LT	64	25	62	24	59	23
3781	Mocha Brown-DK	177	69	170	66	164	64
3782	Mocha Brown-LT	298	117	287	112	276	108
3787	Brown Gray -DK	901	354	867	341	835	328
3790	Beige Gray-UL DK	382	150	368	145	354	139
3799	Pewter Gray -VY DK	2245	883	2159	849	2079	818
3802	Antique Mauve-VY DK	841	330	809	318	779	306
3808	Turquoise-UL VY DK	6	2	6	2	6	2
3809	Turquoise-VY DK	119	46	114	44	110	43
3823	Yellow -UL Pale	960	377	923	363	889	349
3824	Apricot-LT	288	113	277	109	267	105
3828	Hazelnut Brown	184	72	177	69	171	67
3830	Terra Cotta-MD	11	4	10	3	10	3
3834	Grape-DK	724	284	696	273	670	263
3849	Teal Green-LT	174	68	168	66	161	63
3856	Mahogany-UL VY LT	39	15	37	15	36	14
3860	Cocoa	625	246	601	236	579	227
3861	Cocoa-LT	406	160	390	154	376	148
3863	Mocha Beige-MD	301	118	289	114	279	109
3864	Mocha Beige-LT	761	300	732	288	705	277
3865	Winter White	744	292	715	281	689	271
3866	Mocha Brown-UL VY LT	436	171	420	165	404	159
Ecru	Ecru	302	119	291	114	280	110

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	3	1	3	1	3	1
223	Shell Pink-LT	237	93	221	87	208	82
224	Shell Pink-VY LT	341	134	318	125	298	117
310	Black	54	21	50	20	47	19
315	Antique Mauve-VY DK	376	148	351	138	329	129
317	Pewter Gray	510	201	476	187	447	176
352	Coral-LT	14	5	13	5	12	5
353	Peach	101	39	94	37	88	34
356	Terra Cotta-MD	18	7	17	7	16	6
371	Mustard	214	84	200	79	187	74
372	Mustard-LT	118	46	110	43	104	41
407	Desert Sand-DK	1004	395	937	368	879	345
413	Pewter Gray -DK	571	224	533	209	500	196
414	Steel Gray-DK	591	232	551	217	517	203
420	Hazelnut Brown-DK	112	44	104	41	98	38
422	Hazelnut Brown-LT	57	22	53	20	50	19
437	Tan-LT	79	31	74	29	69	27
451	Shell Gray-DK	842	331	785	309	736	290
452	Shell Gray-MD	375	147	350	137	329	129
503	Blue Green-MD	35	14	33	13	31	12
524	Fern Green-VY LT	65	25	61	23	57	22
535	Ash Gray-VY LT	386	152	361	142	338	133
543	Beige Brown-UL VY LT	278	109	260	102	244	96
597	Turquoise	14	5	13	5	12	5
598	Turquoise-LT	41	15	38	14	35	14
610	Drab Brown-DK	186	73	173	68	163	64
612	Drab Brown-LT	303	119	283	111	265	104
632	Desert Sand-UL VY DK	166	65	155	61	145	57
645	Beaver Gray-VY DK	536	210	500	196	469	184

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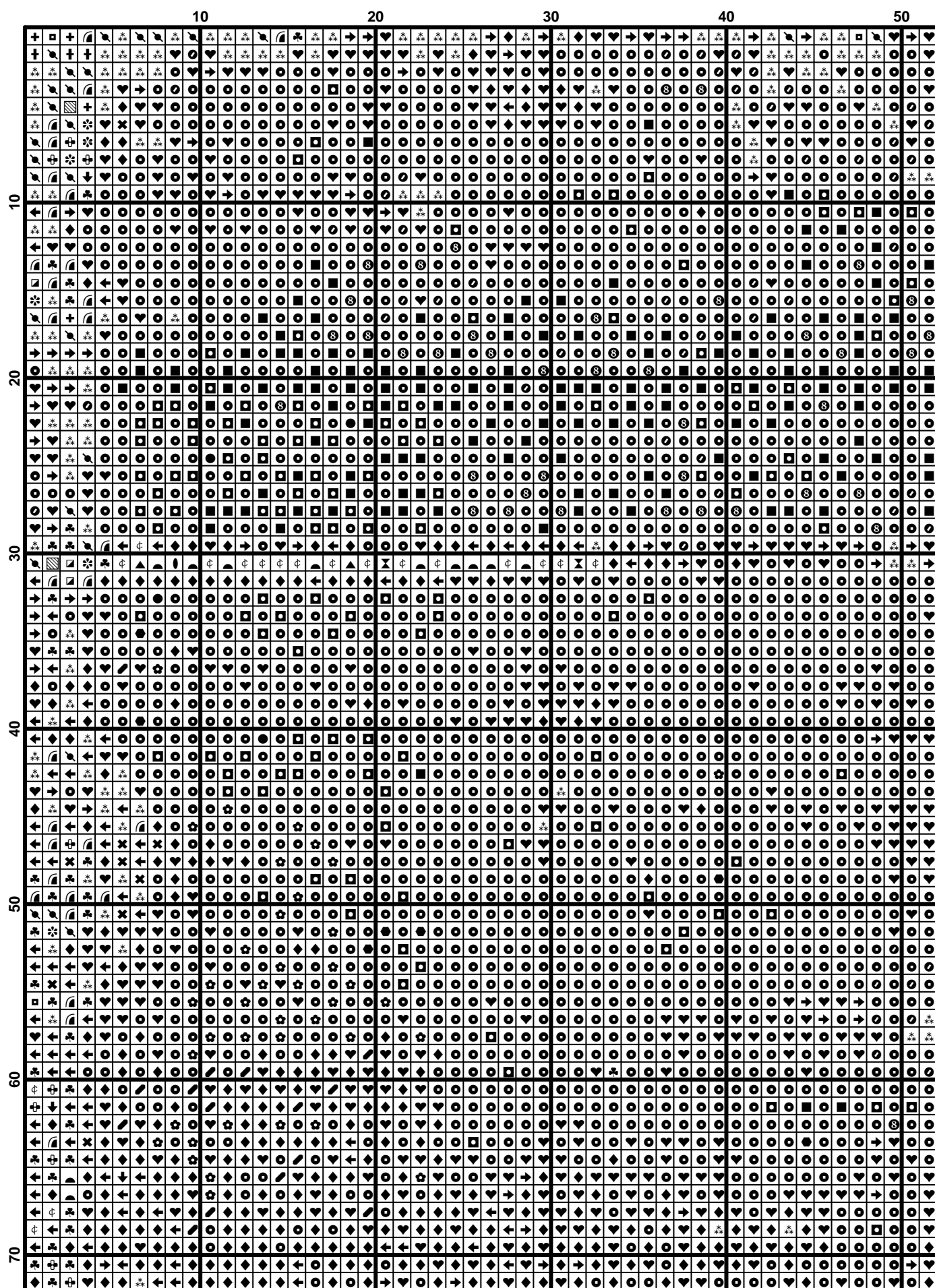
646	Beaver Gray-DK	120	47	112	44	105	41
647	Beaver Gray-MD	171	67	160	62	150	59
648	Beaver Gray-LT	428	168	400	157	375	147
712	Cream	308	121	287	113	269	106
738	Tan-VY LT	551	217	514	202	482	190
739	Tan-UL VY LT	492	194	460	181	431	169
746	Off White	1939	763	1810	712	1697	668
754	Peach-LT	591	232	551	217	517	203
758	Terra Cotta-VY LT	474	186	442	174	415	163
778	Antique Mauve-VY LT	71	28	66	26	62	24
807	Peacock Blue	3	1	2	1	2	1
823	Navy Blue-DK	2589	1019	2416	951	2265	892
838	Beige Brown-VY DK	516	203	482	190	452	178
839	Beige Brown-DK	285	112	266	104	250	98
840	Beige Brown-MD	401	158	374	147	350	138
841	Beige Brown-LT	255	100	238	93	223	87
844	Beaver Brown-UL DK	1929	759	1800	709	1688	664
924	Gray Green-VY DK	100	39	94	37	88	34
926	Gray Green-MD	260	102	243	95	228	89
927	Gray Green-LT	472	185	440	173	413	162
928	Gray Green-VY LT	156	61	146	57	137	53
930	Antique Blue-DK	37	14	34	13	32	12
931	Antique Blue-MD	118	46	110	43	104	41
932	Antique Blue-LT	109	42	102	40	96	37
938	Coffee Brown-UL DK	2187	861	2041	803	1914	753
939	Navy Blue-VY DK	647	255	604	238	566	223
950	Desert Sand-LT	217	86	203	80	190	75
951	Tawny-LT	137	53	128	50	120	47
993	Aquamarine-LT	57	23	53	21	50	20
3021	Brown Gray-VY DK	604	238	564	222	529	208
3024	Brown Gray-VY LT	333	131	311	122	291	114
3031	Mocha Brown-VY DK	21	8	20	7	19	7
3041	Antique Violet-MD	463	182	432	170	405	159
3064	Desert Sand	105	41	98	38	92	36
3072	Beaver Gray-VY LT	194	76	181	71	170	66
3078	Golden Yellow-VY LT	100	39	94	37	88	34
3328	Salmon-DK	36	14	34	13	32	12
3371	Black Brown	454	178	424	166	397	156
3721	Shell Pink-DK	32	12	29	11	28	11
3722	Shell Pink-MD	41	15	38	14	35	14
3726	Antique Mauve-DK	186	73	173	68	163	64
3733	Dusty Rose	22	8	20	8	19	7
3740	Antique Violet-DK	494	194	461	181	432	170
3750	Antique Blue-VY DK	10	4	10	4	9	3
3753	Antique Blue-UL VY LT	8	3	7	2	7	2
3766	Peacock Blue-LT	9	3	8	3	8	3
3768	Gray Green-DK	139	55	130	51	122	48
3772	Desert Sand-VY DK	794	312	741	292	695	273
3778	Terra Cotta-LT	57	23	53	21	50	20
3781	Mocha Brown-DK	158	62	148	58	138	54
3782	Mocha Brown-LT	266	104	248	97	233	91
3787	Brown Gray-DK	805	316	751	295	704	277
3790	Beige Gray-UL DK	341	134	319	125	299	118
3799	Pewter Gray-VY DK	2004	789	1871	736	1754	690
3802	Antique Mauve-VY DK	751	295	701	275	657	258
3808	Turquoise-UL VY DK	6	2	5	2	5	2
3809	Turquoise-VY DK	106	41	99	38	93	36
3823	Yellow-UL Pale	857	337	800	314	750	295
3824	Apricot-LT	257	101	240	94	225	88

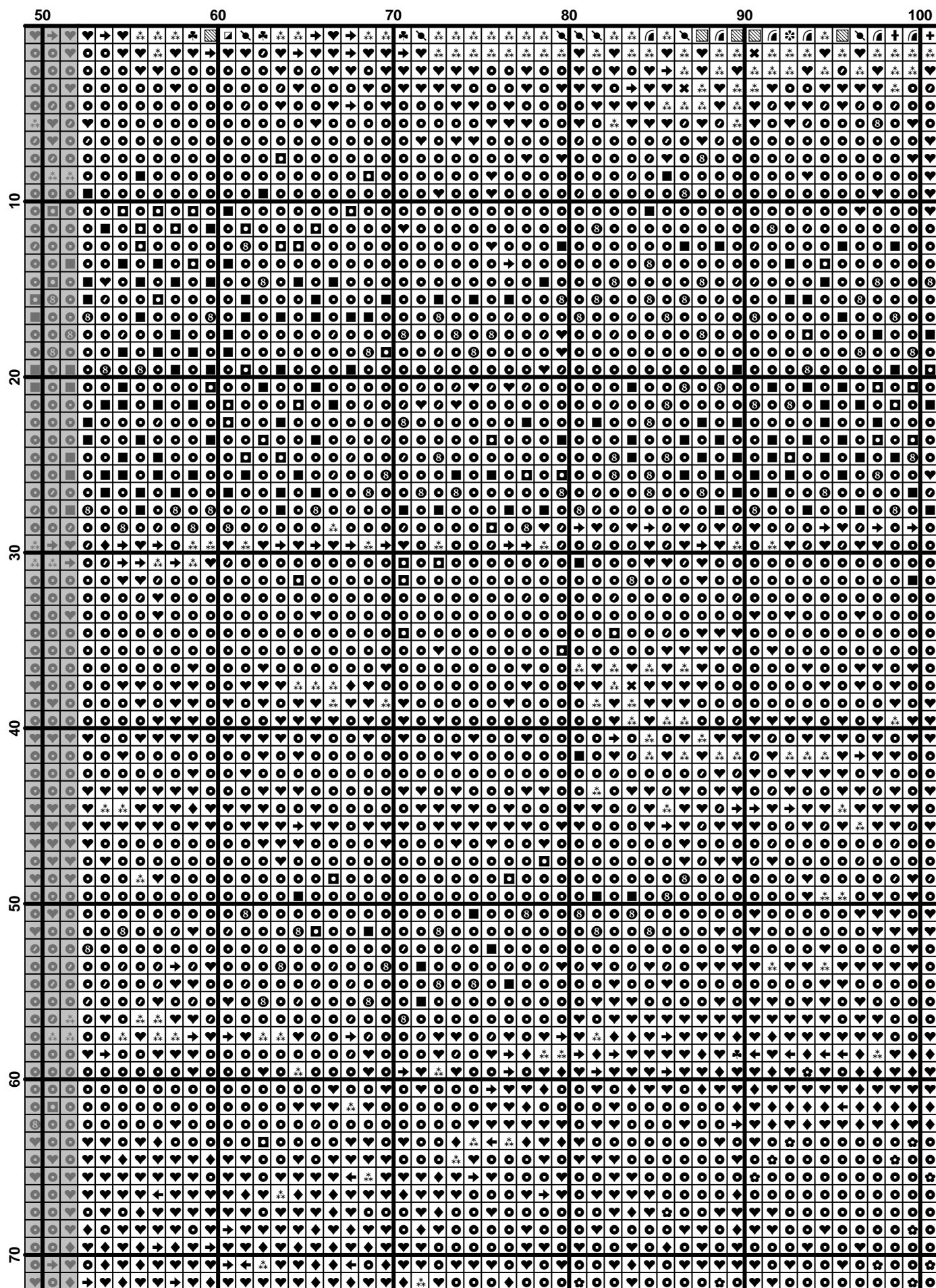
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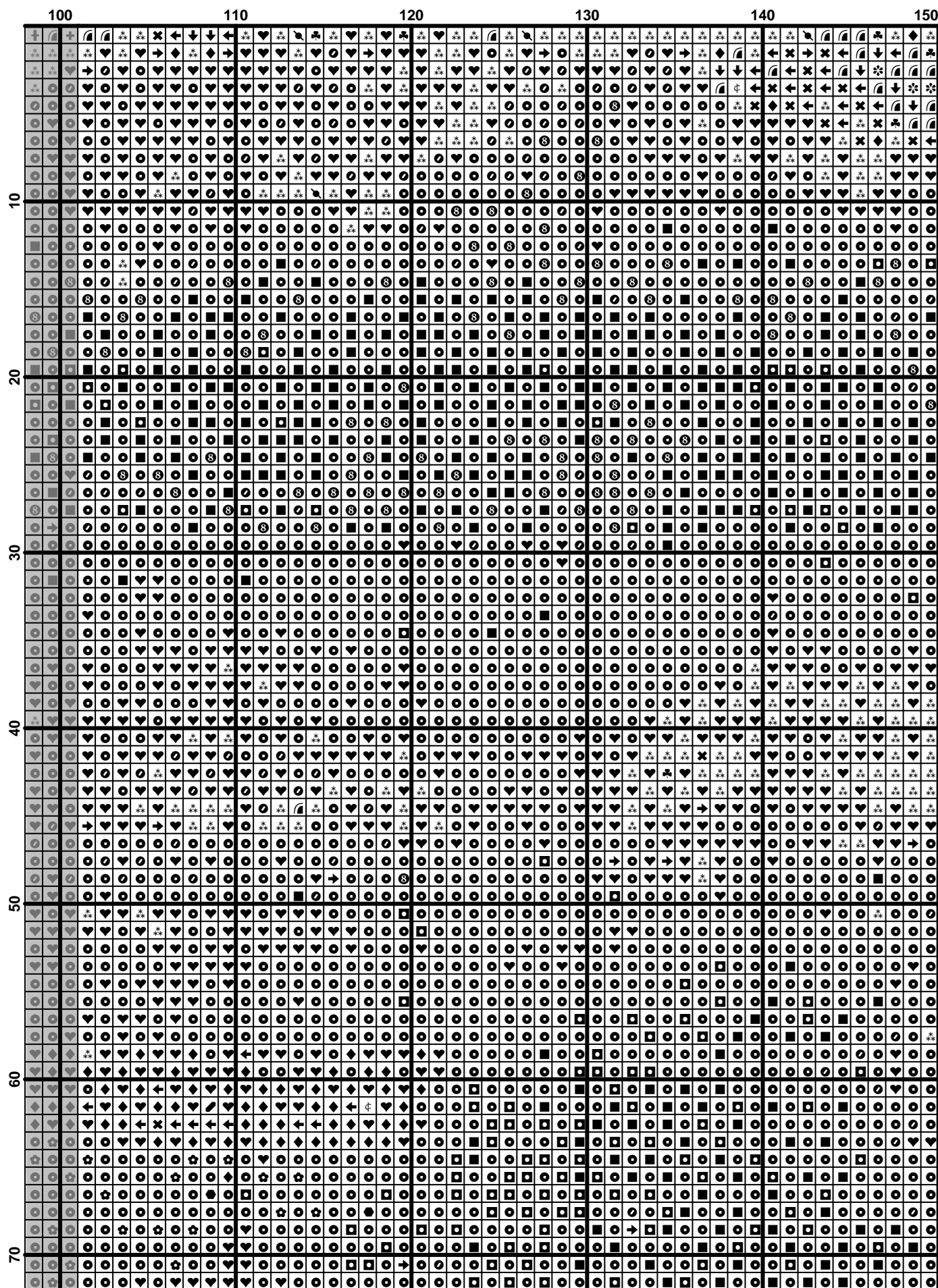
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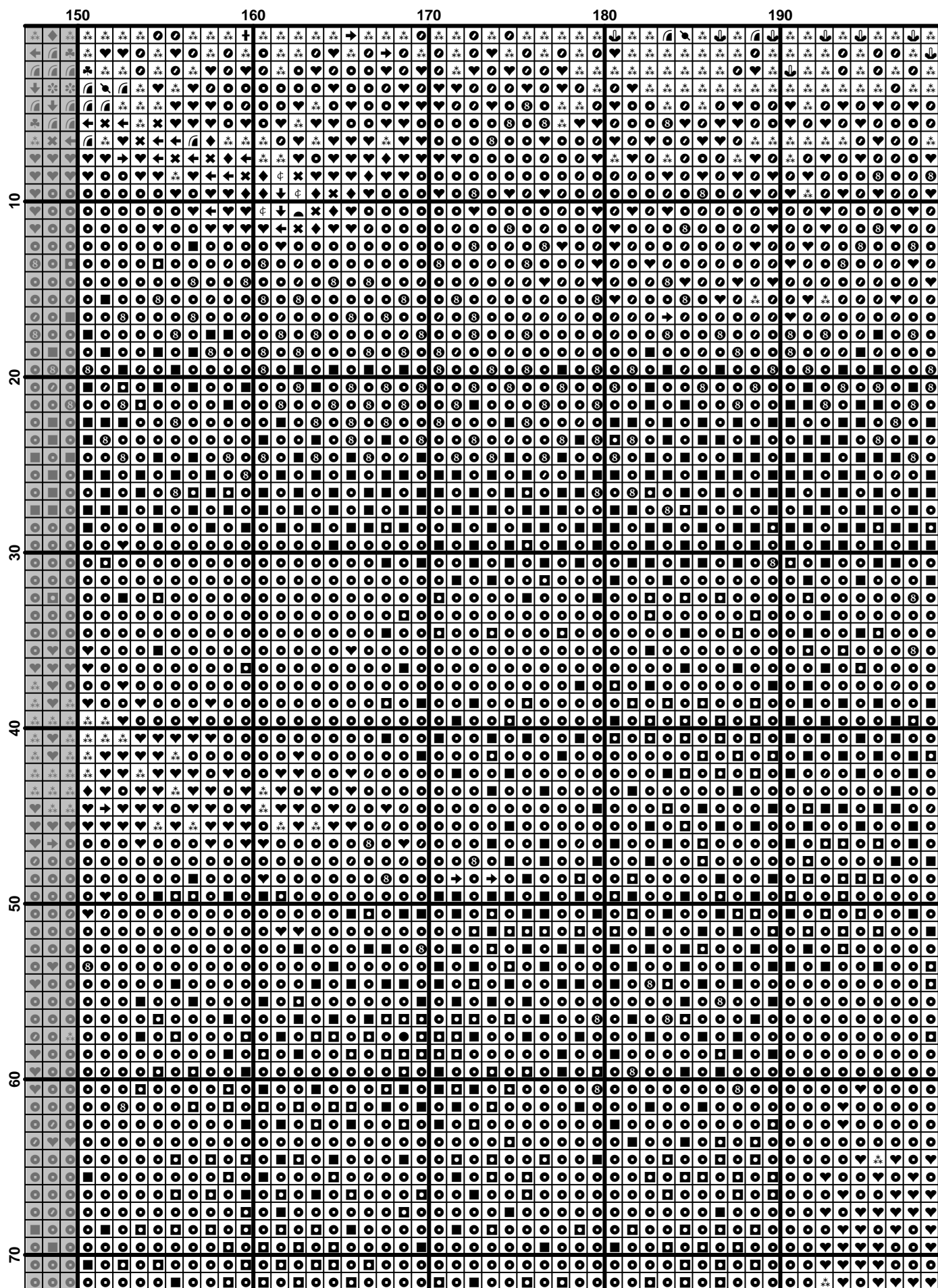
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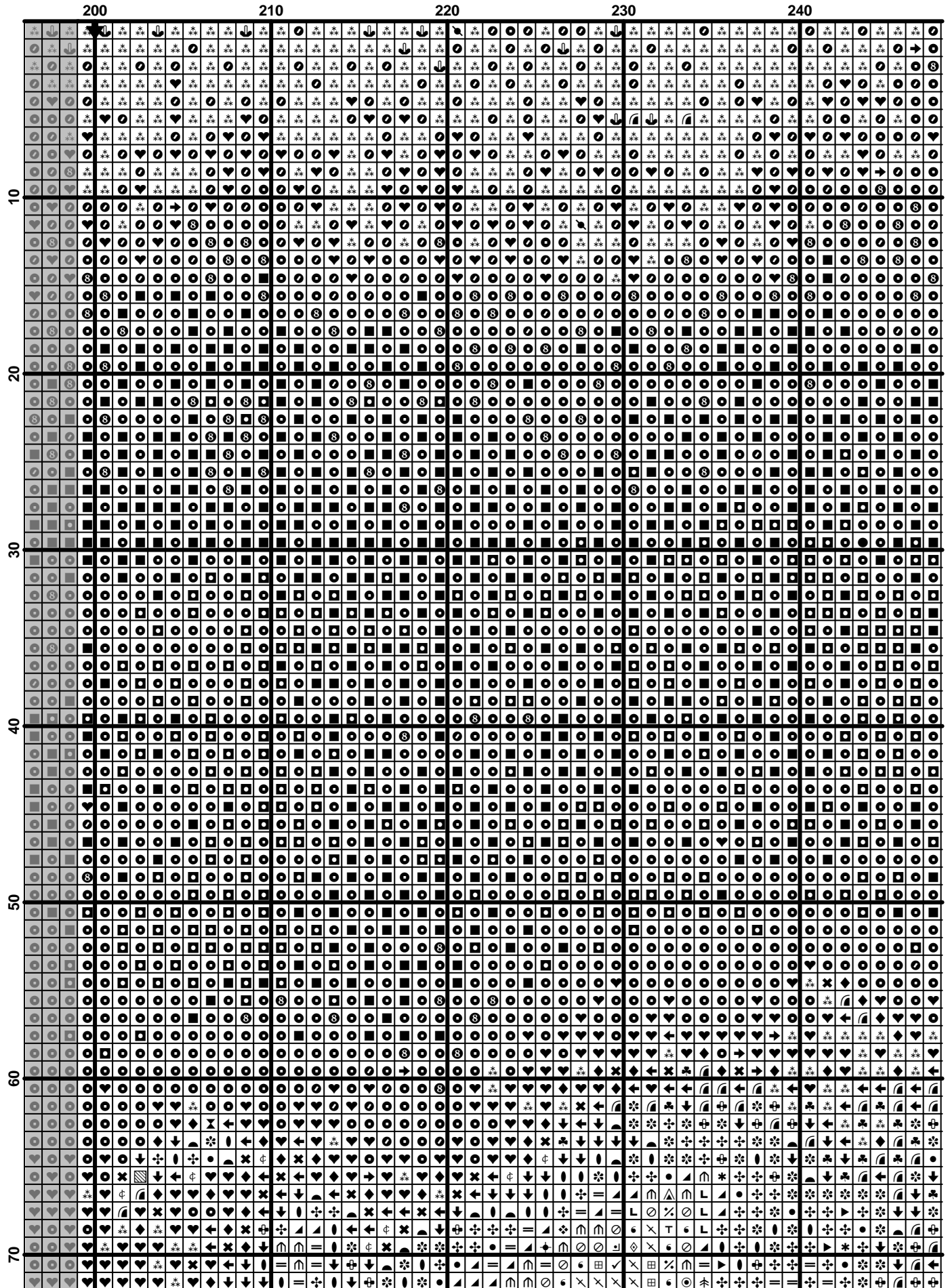
3828	Hazelnut Brown	165	64	154	60	144	56
3830	Terra Cotta-MD	10	3	9	3	8	3
3834	Grape-DK	646	254	603	237	565	222
3849	Teal Green-LT	156	61	145	57	136	53
3856	Mahogany-UL VY LT	35	14	32	13	30	12
3860	Cocoa	558	219	521	205	488	192
3861	Cocoa-LT	363	143	338	133	317	125
3863	Mocha Beige-MD	269	105	251	98	235	92
3864	Mocha Beige-LT	680	267	634	250	595	234
3865	Winter White	664	261	620	244	581	228
3866	Mocha Brown-UL VY LT	390	153	364	143	341	134
Ecru	Ecru	270	106	252	99	236	93



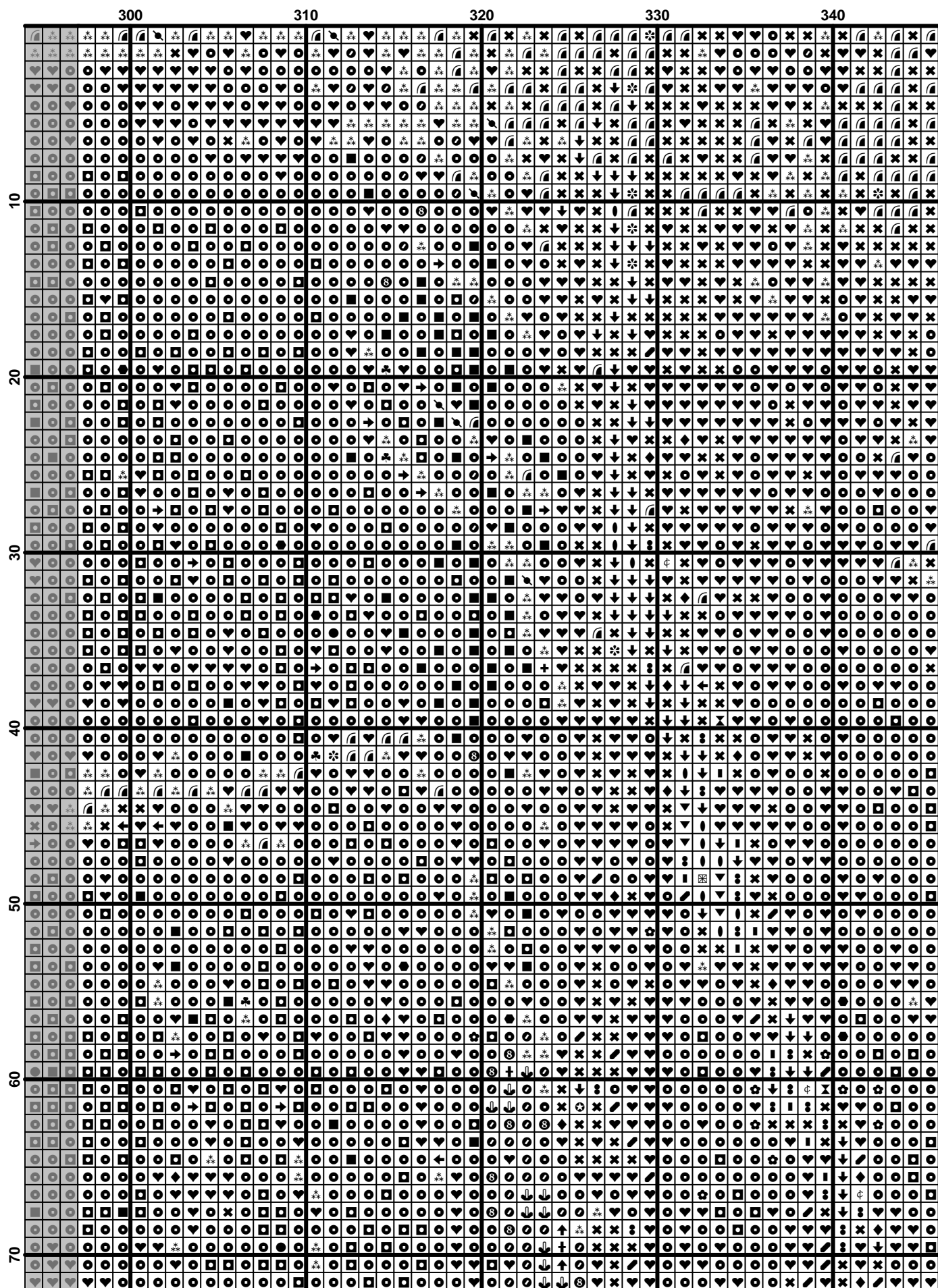


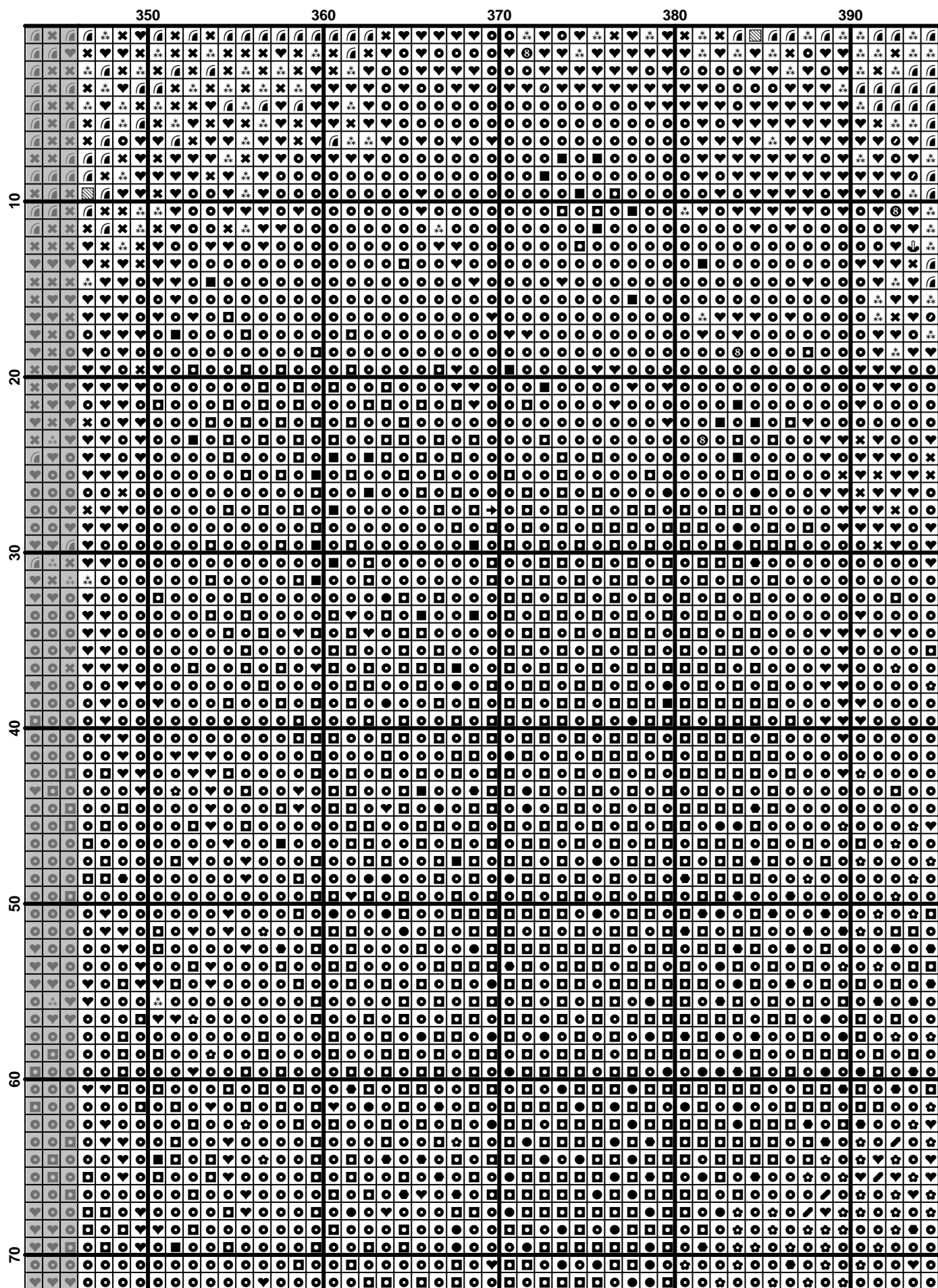


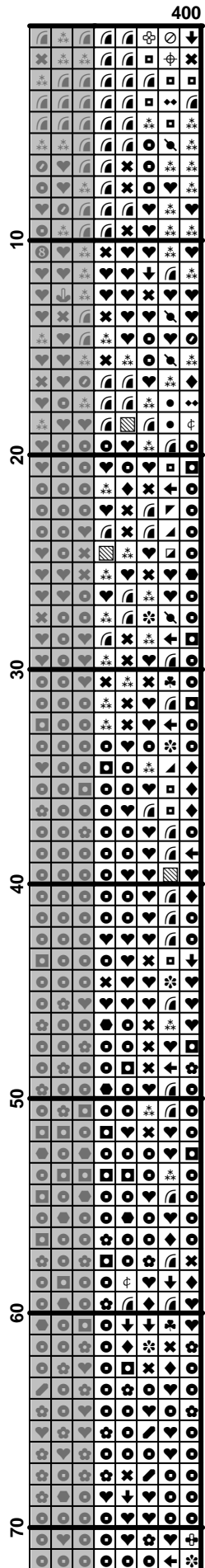


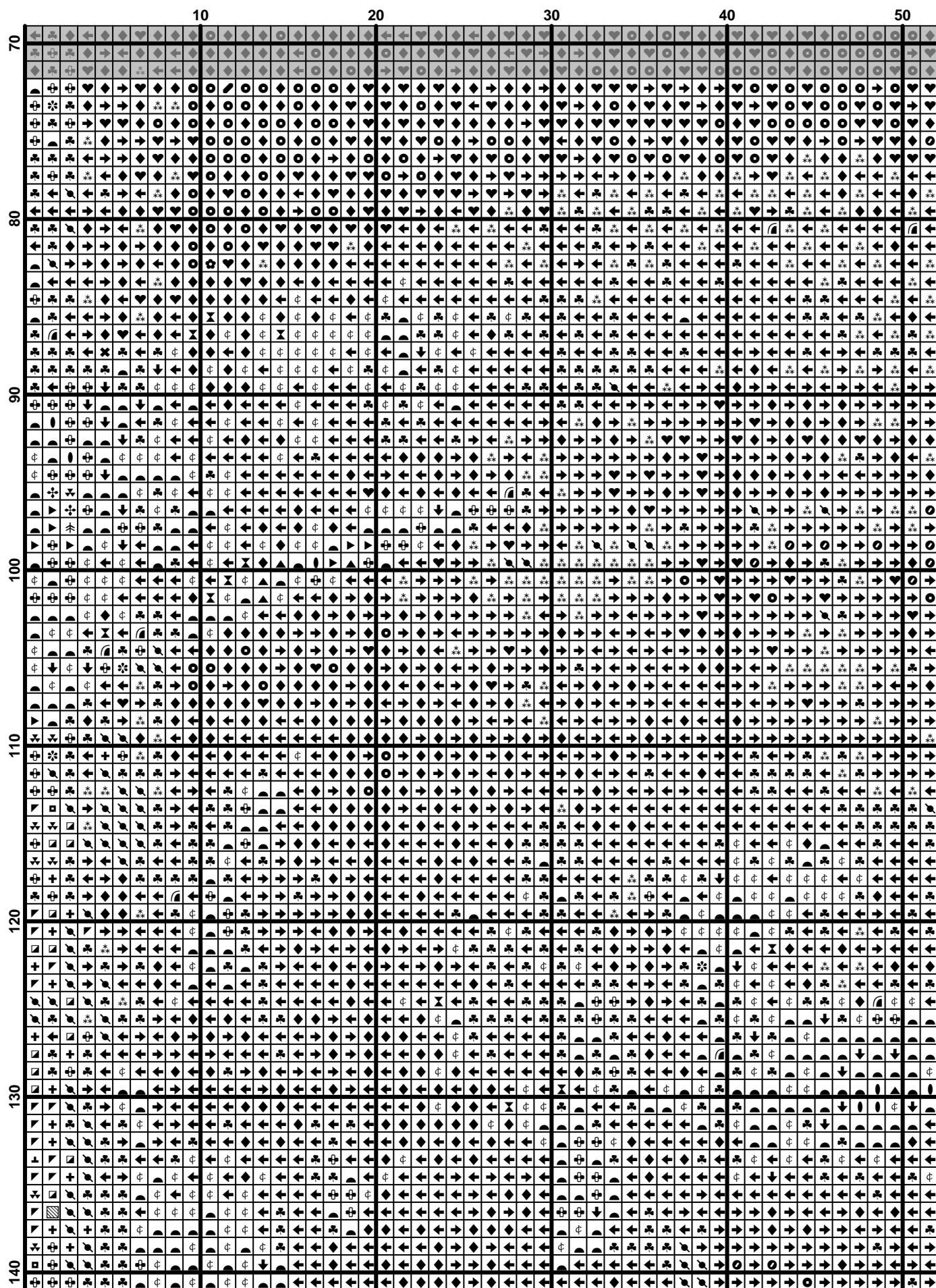


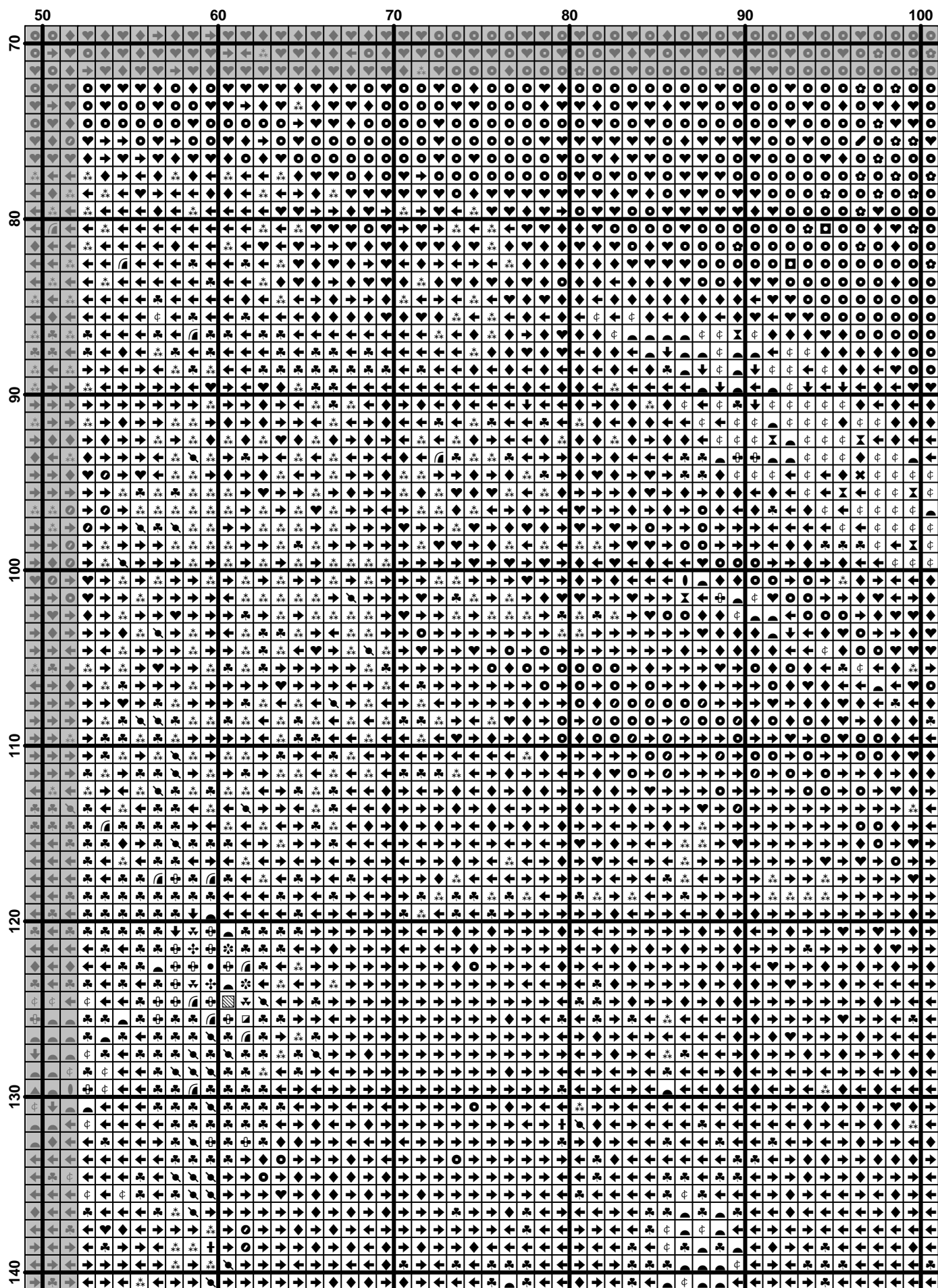


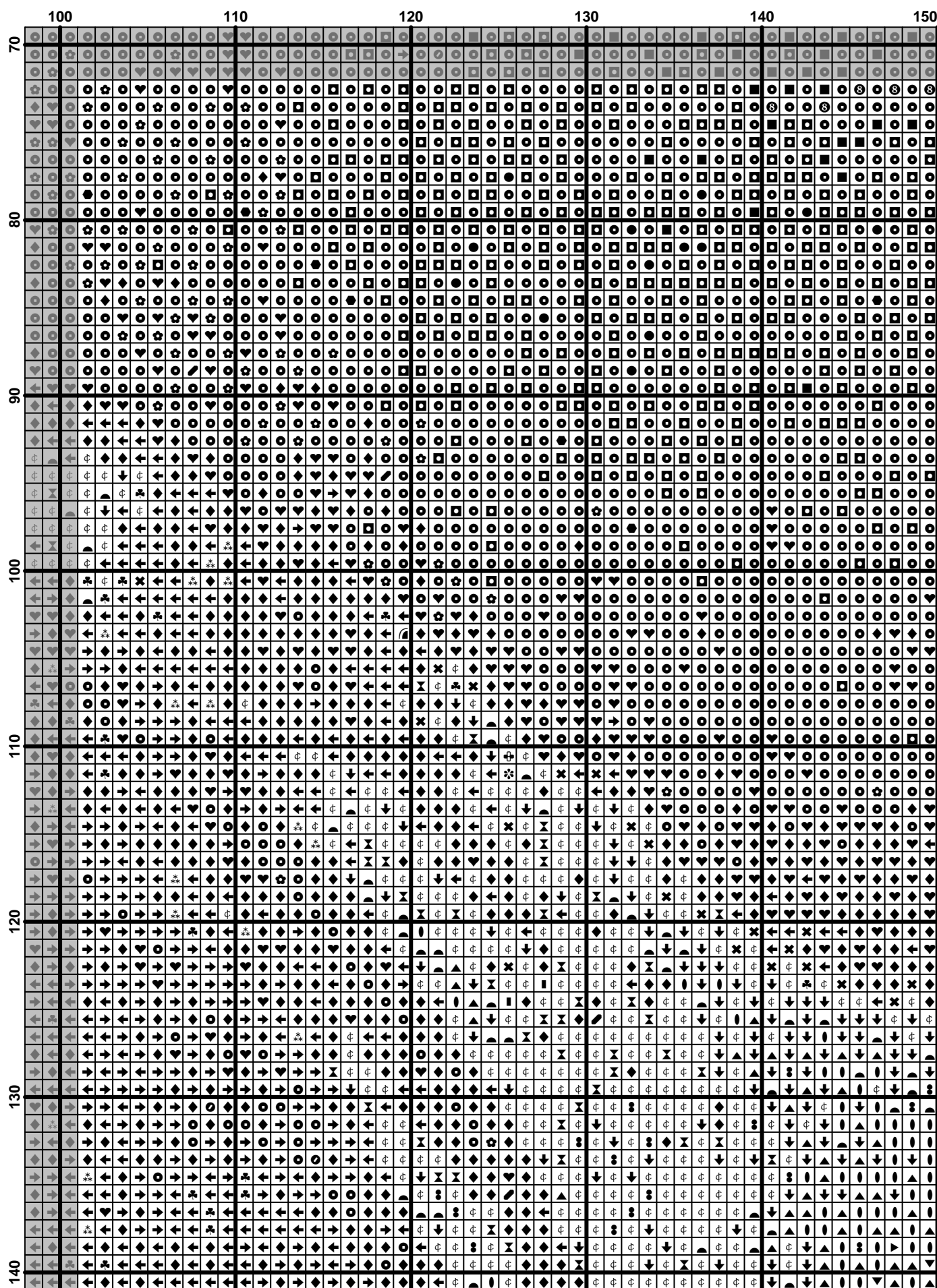


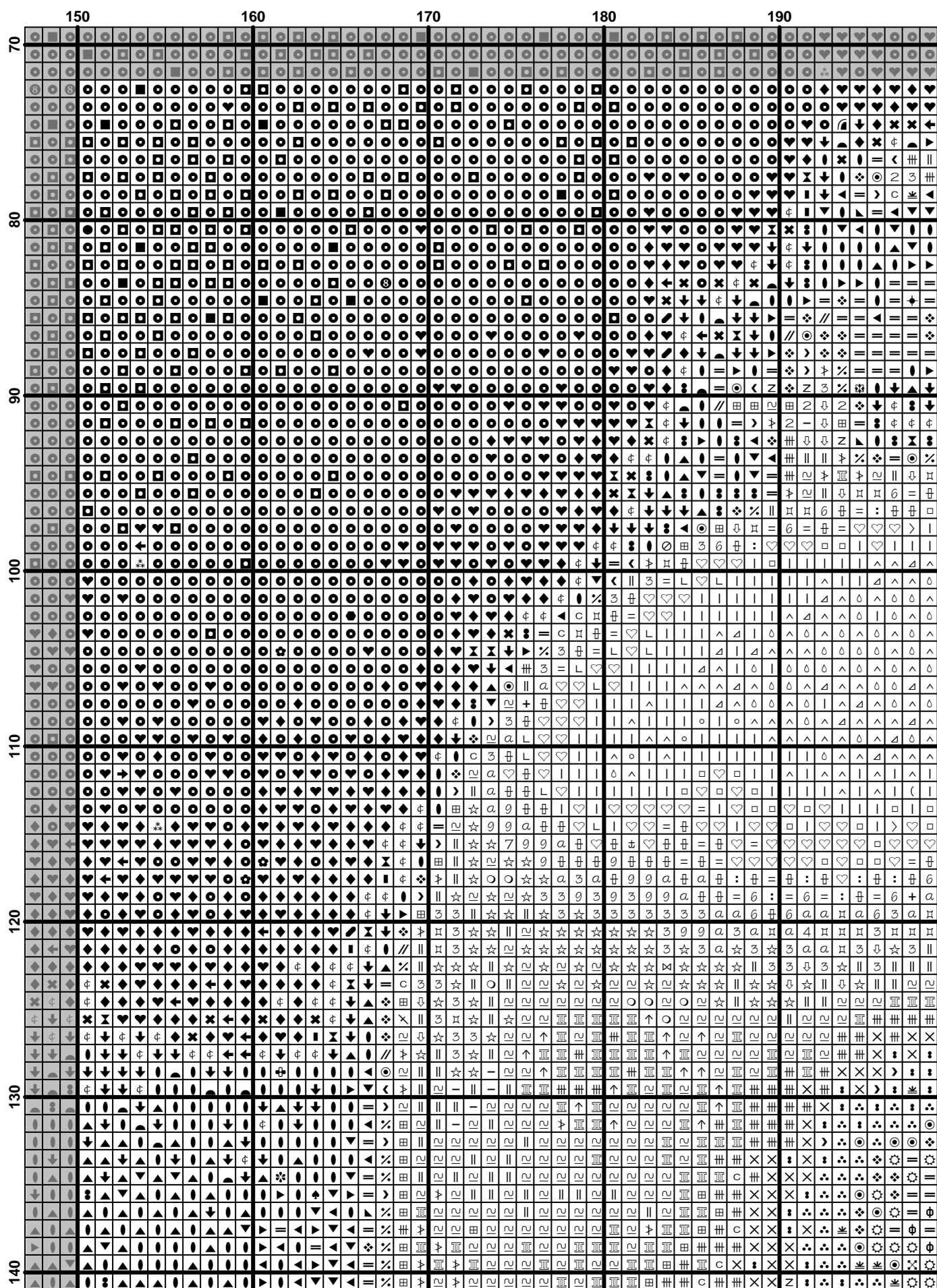




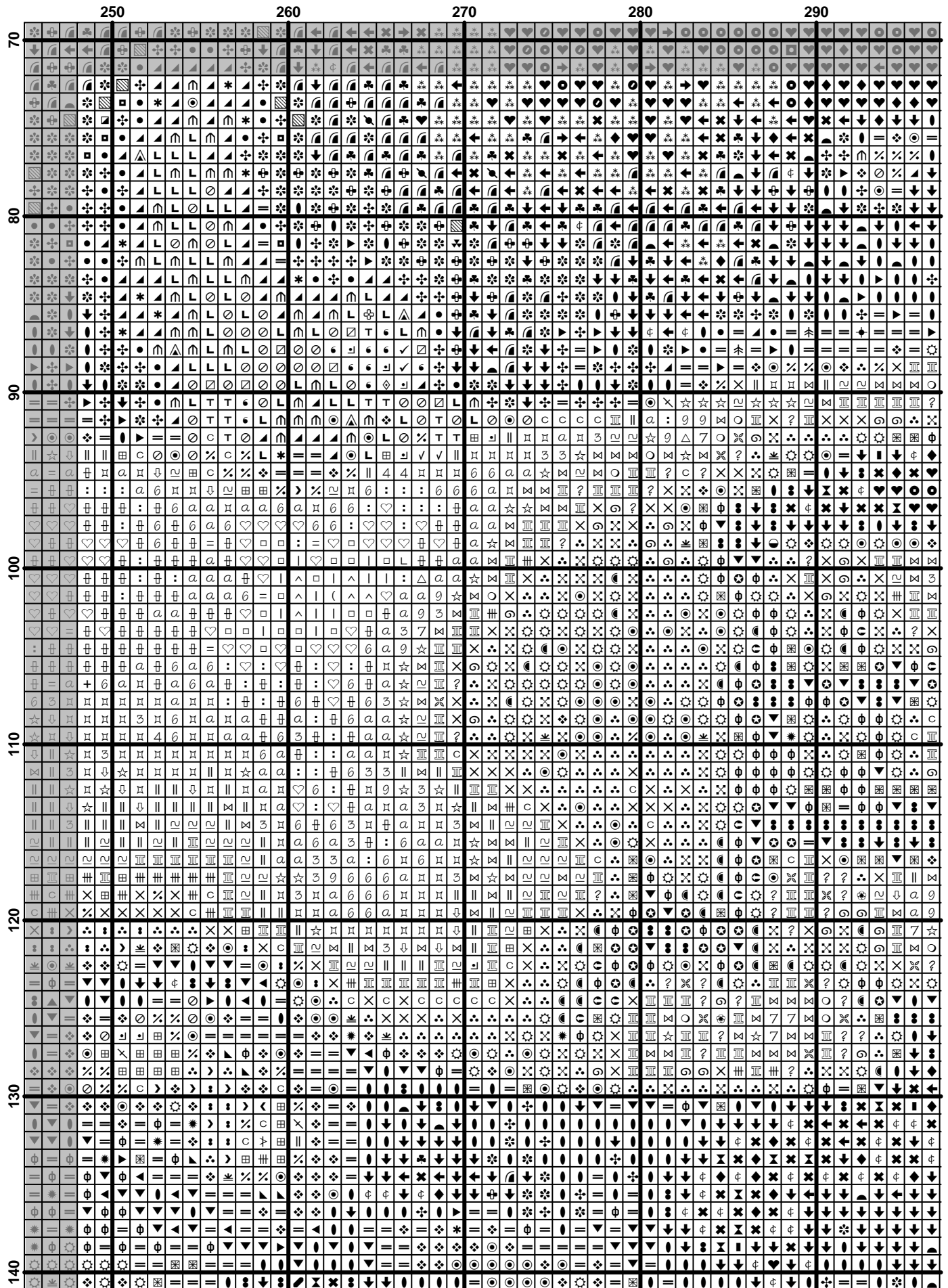


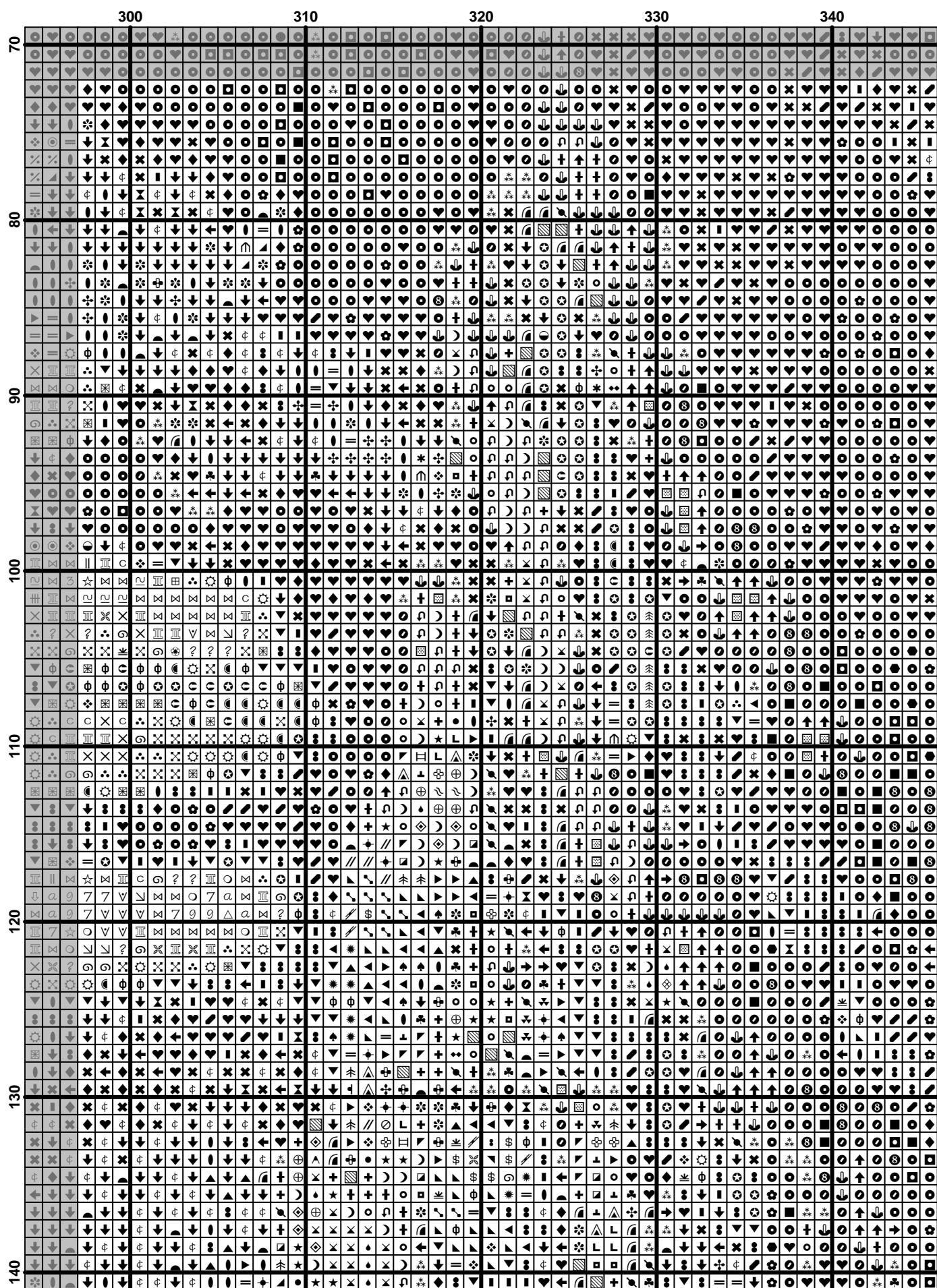


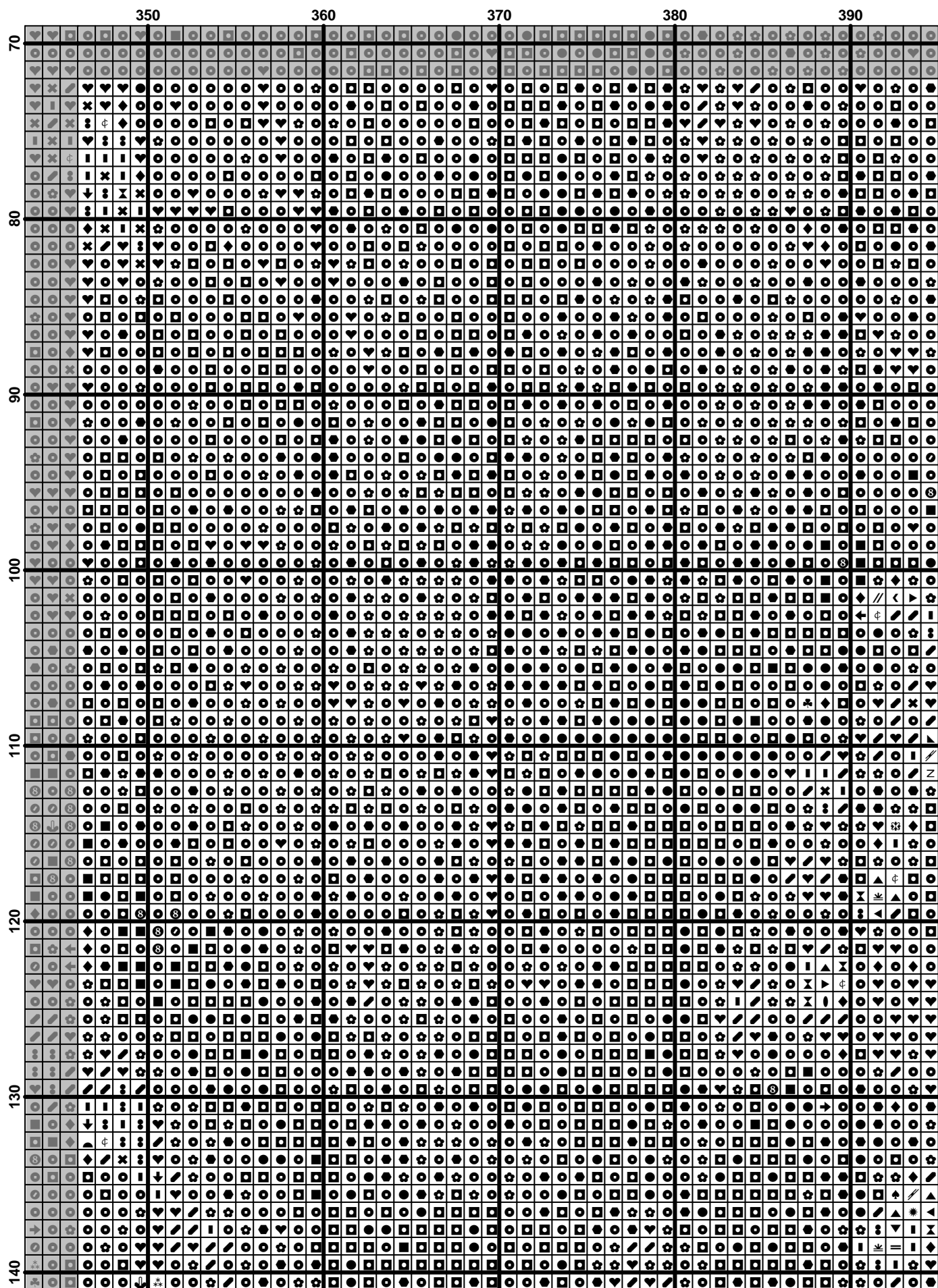


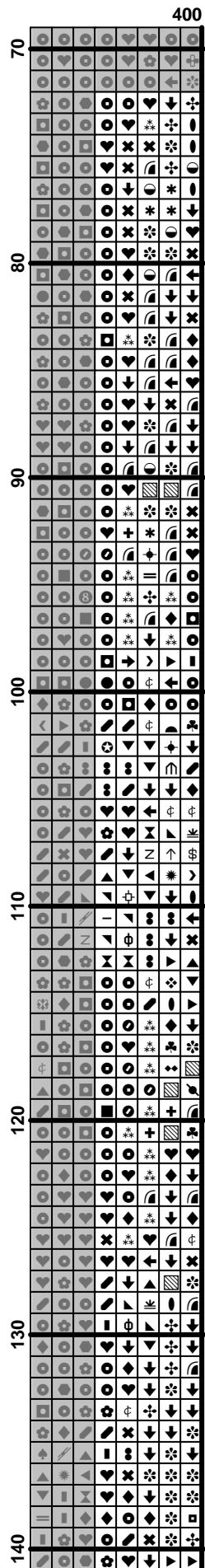


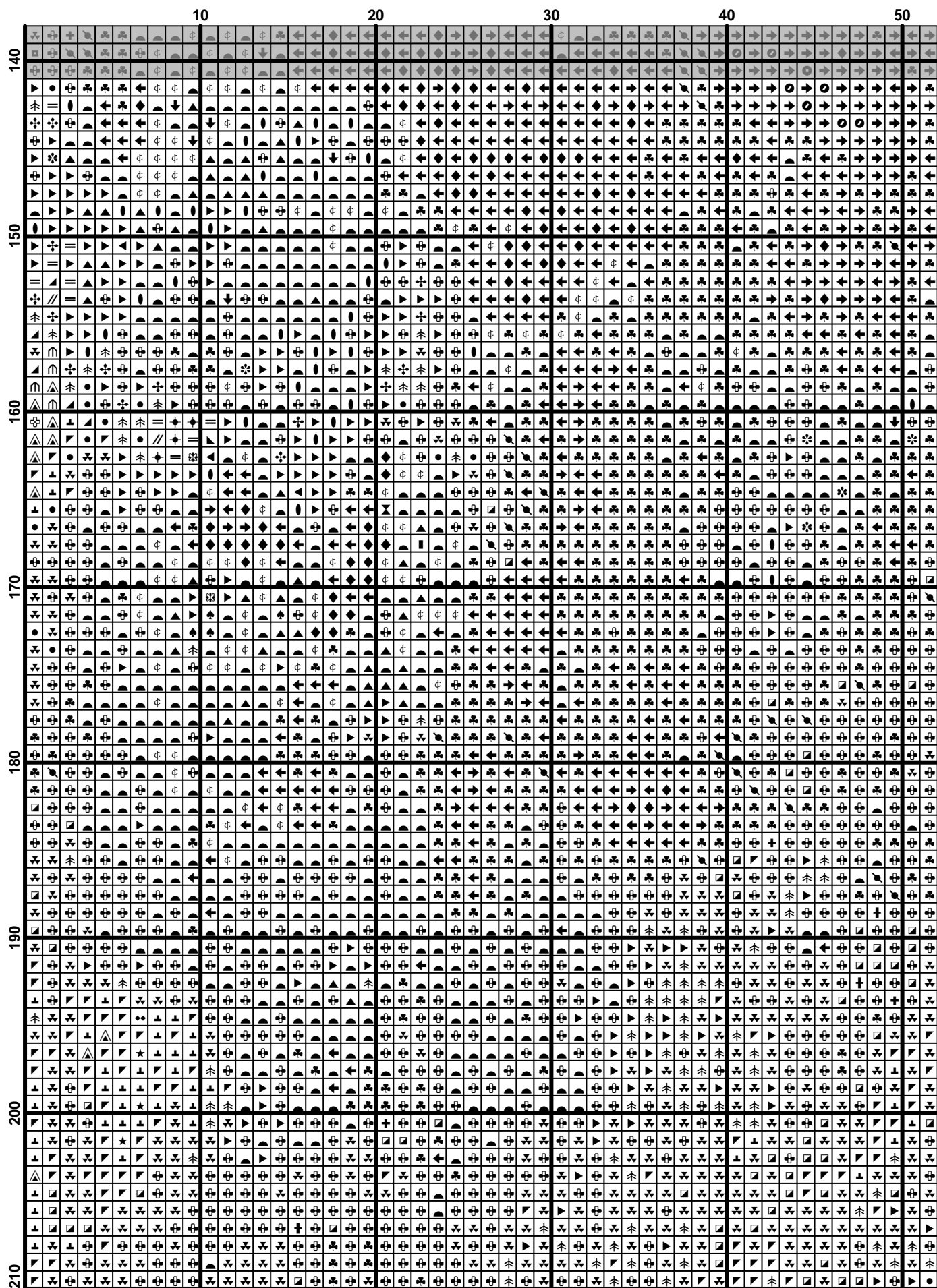
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80					
90					
100					
110					
120					
130					
140					

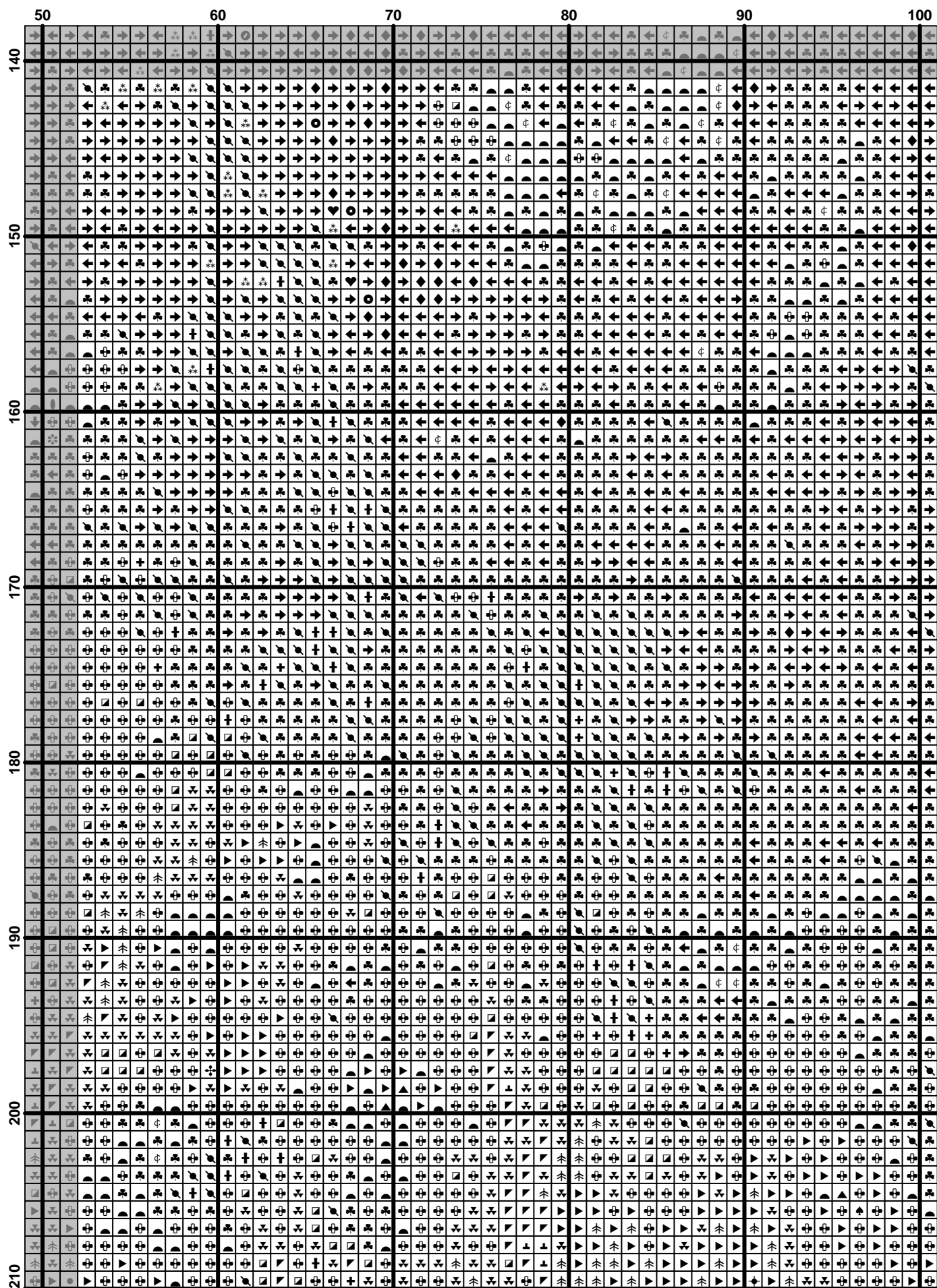


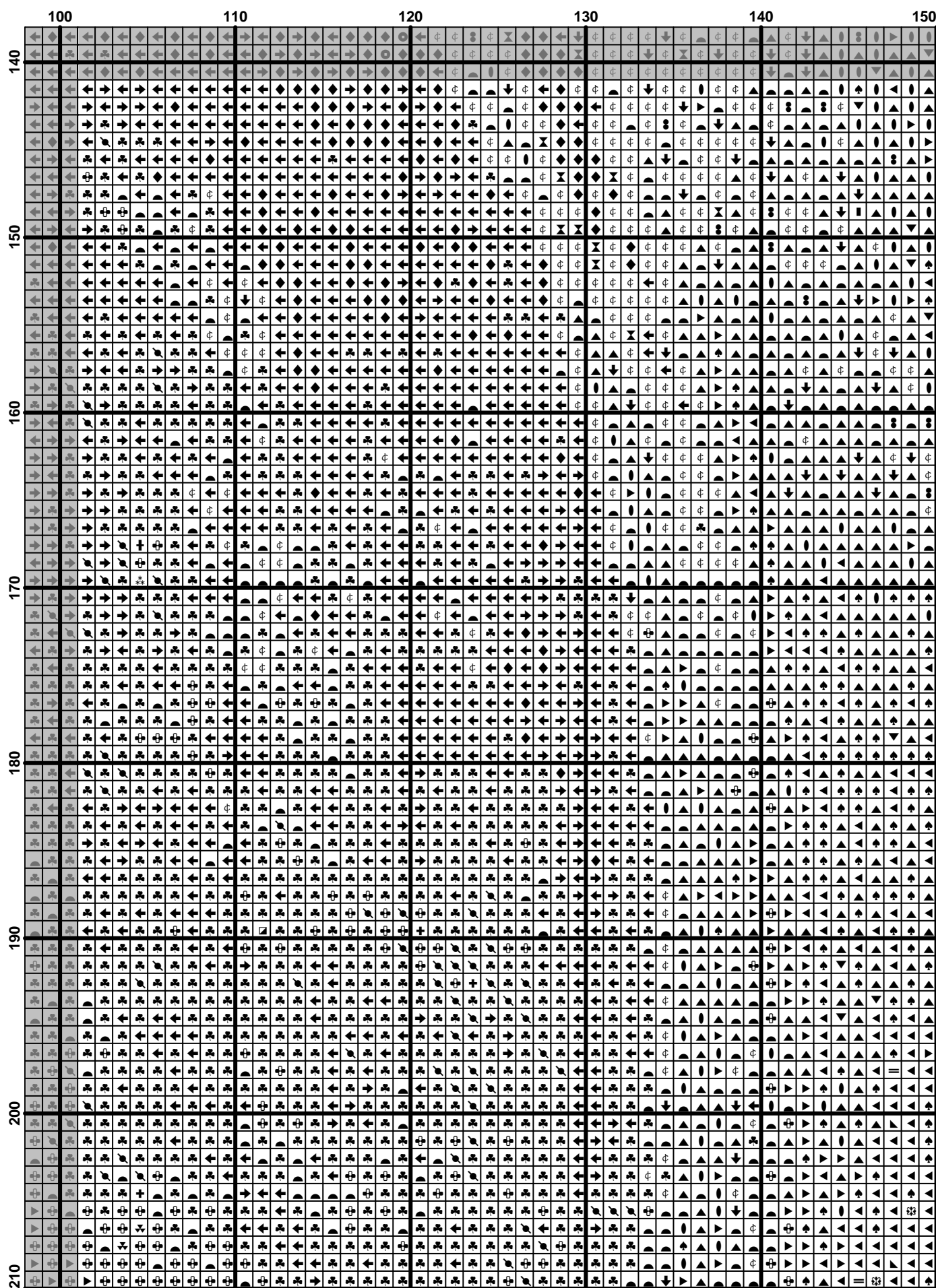








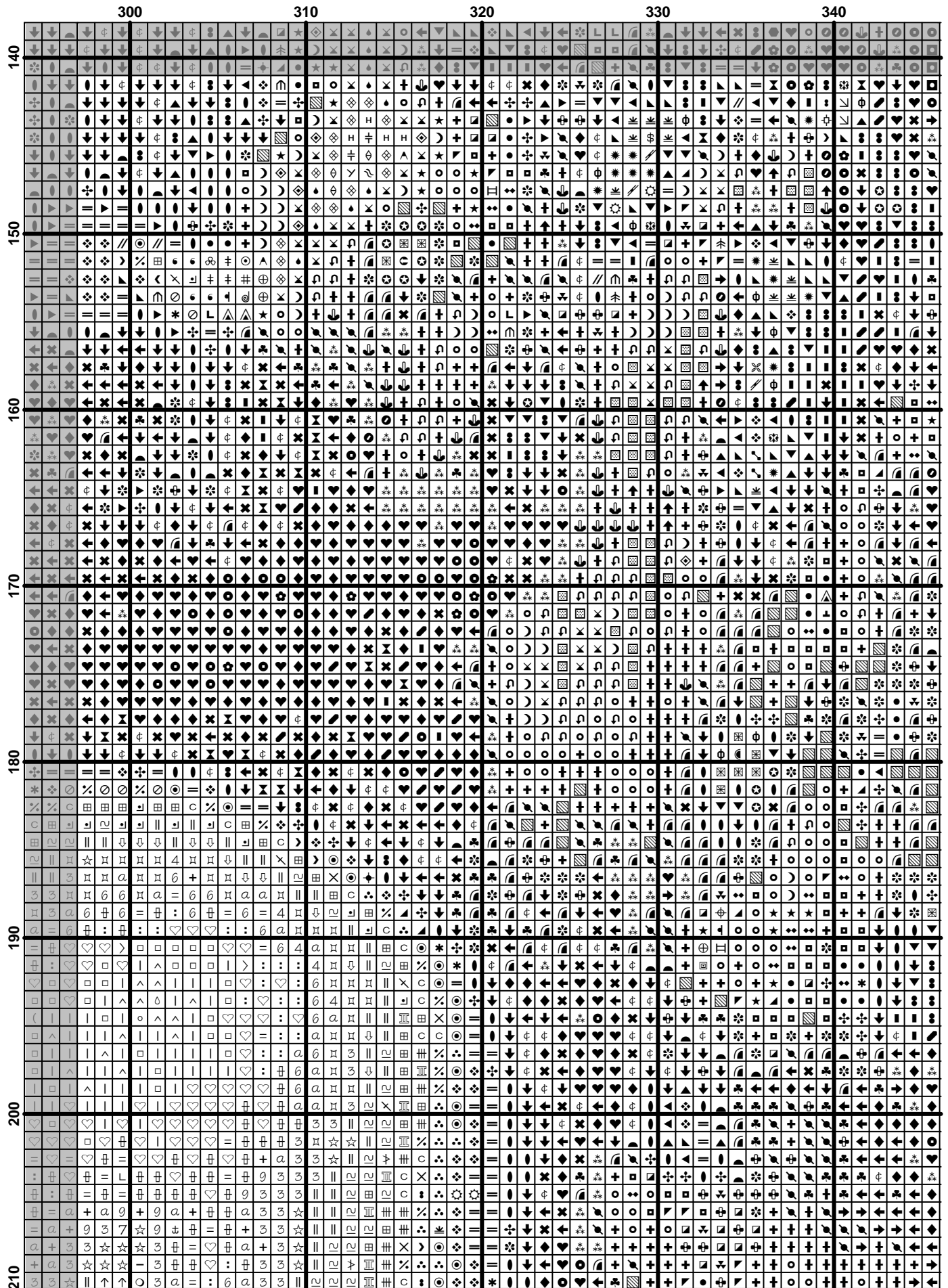


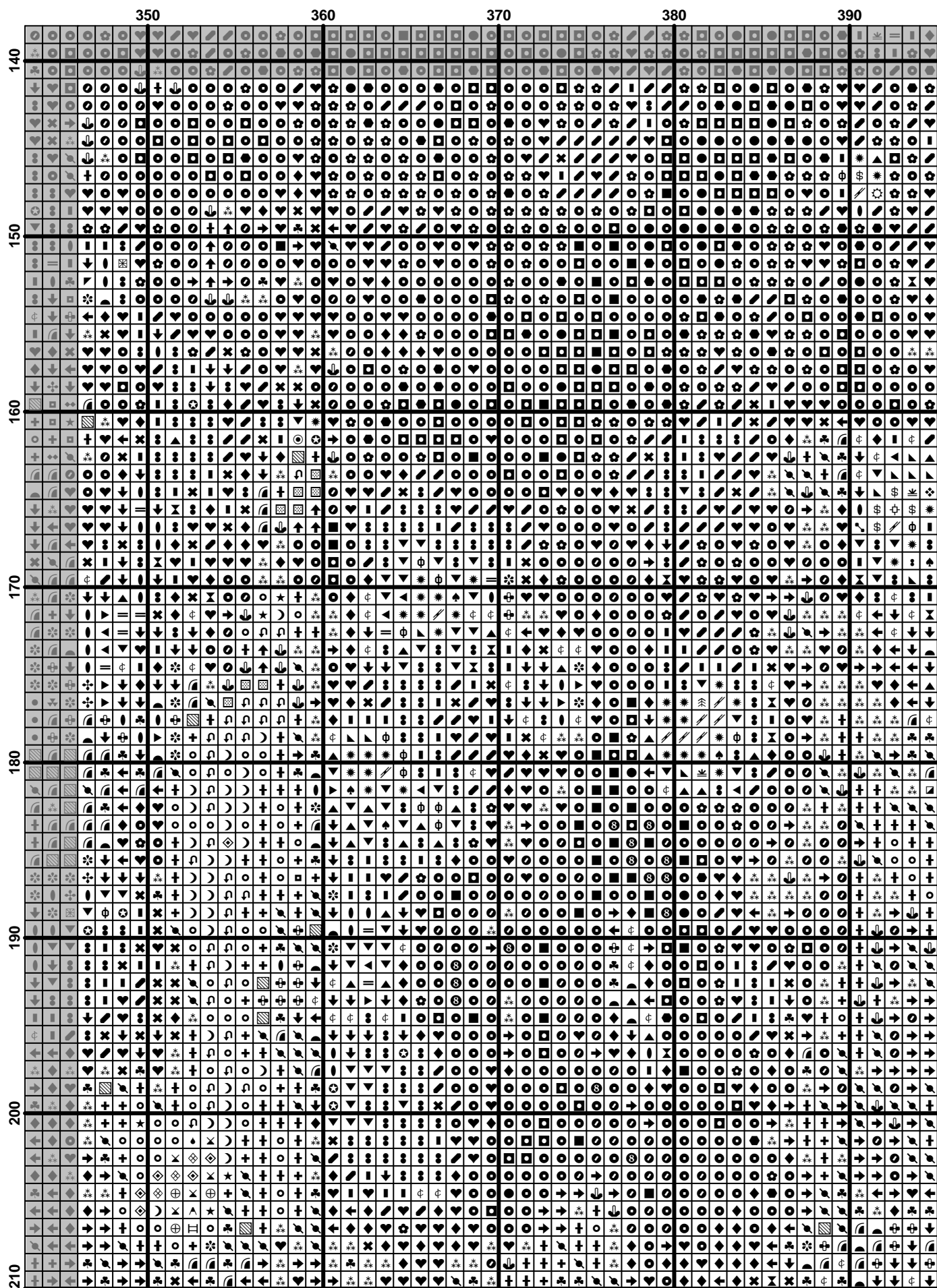


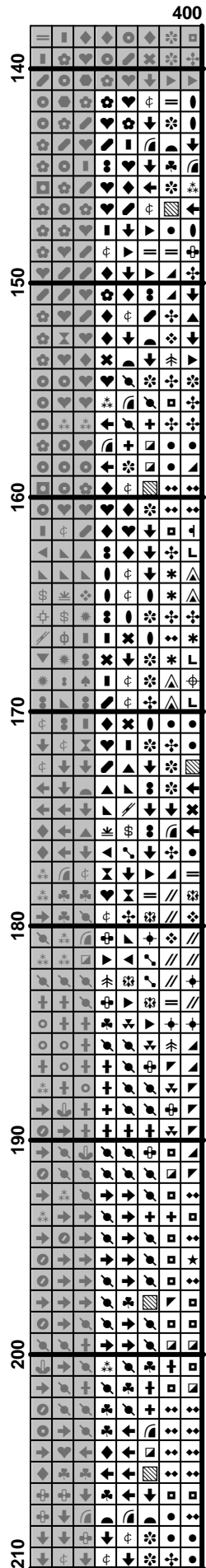
$$(31) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left(\sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

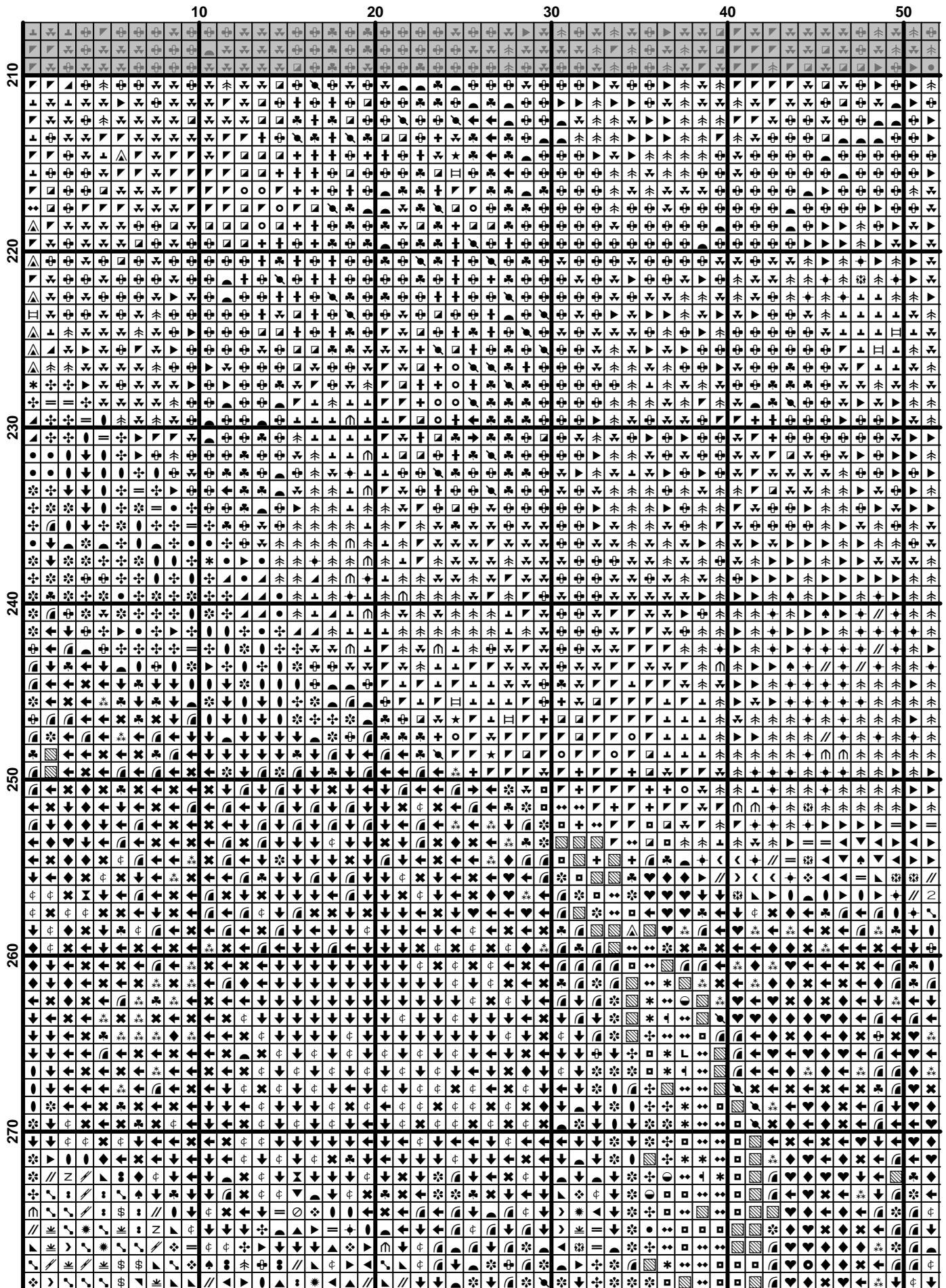
$$(32) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$

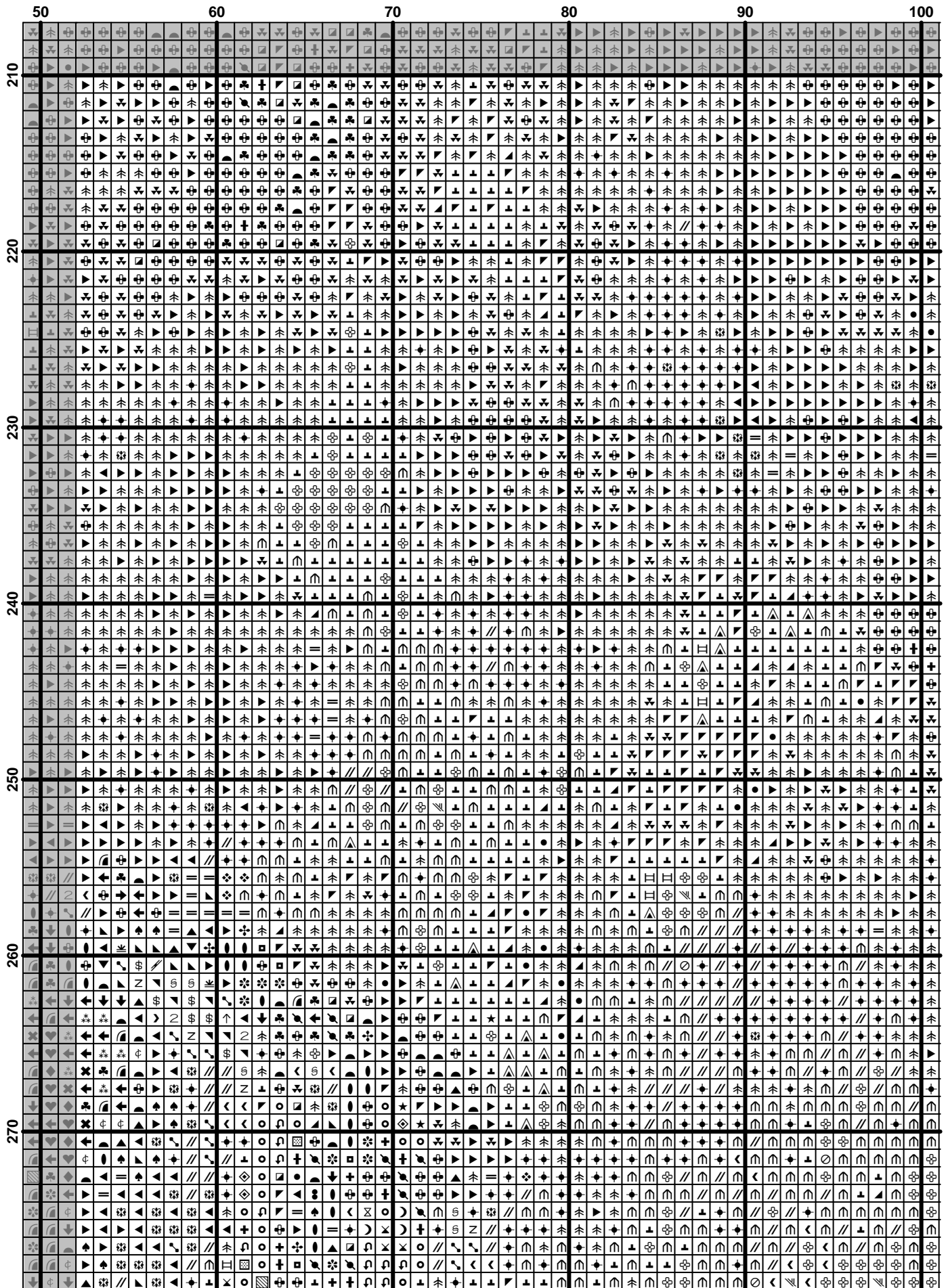
[illegible]









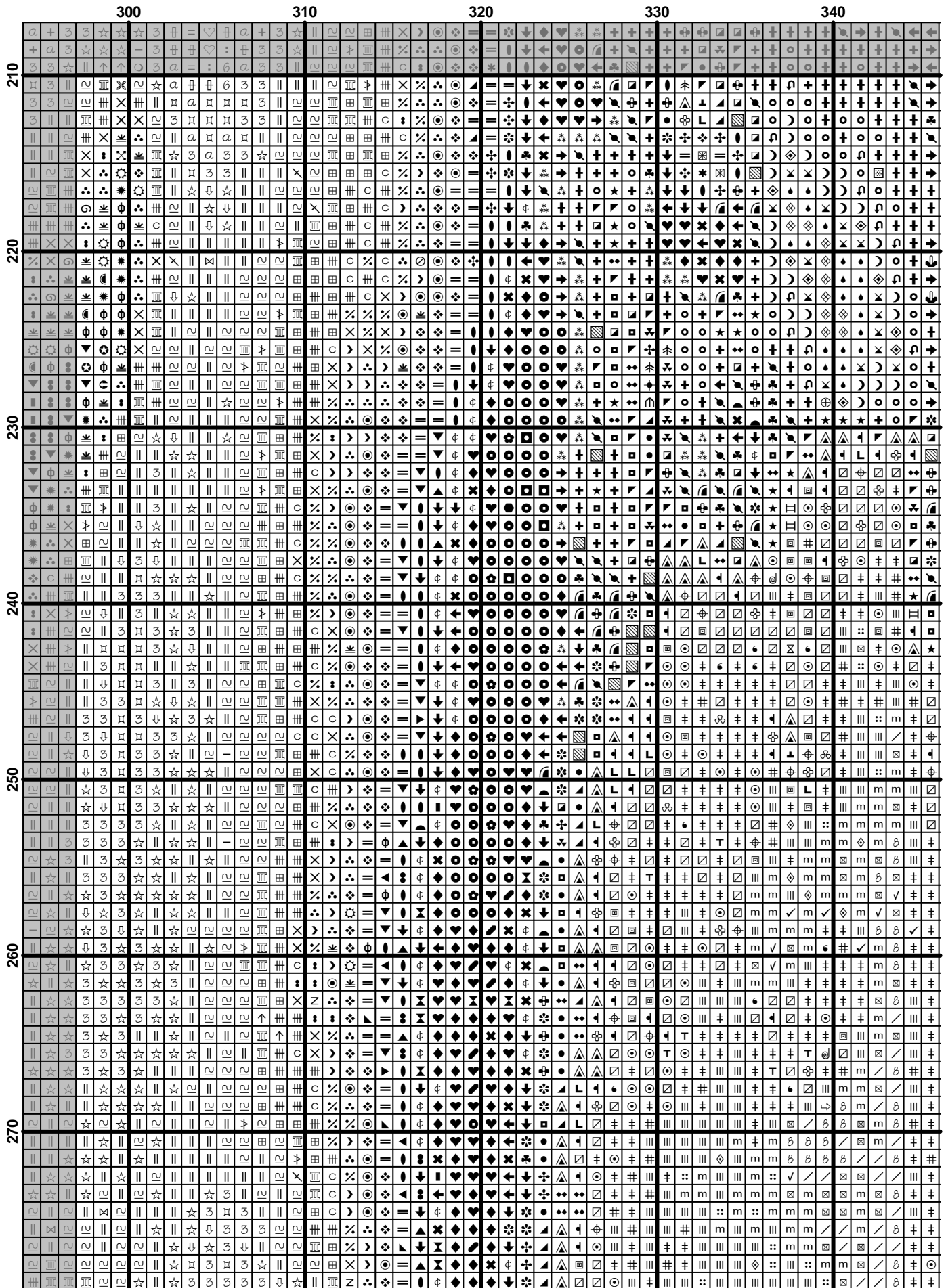


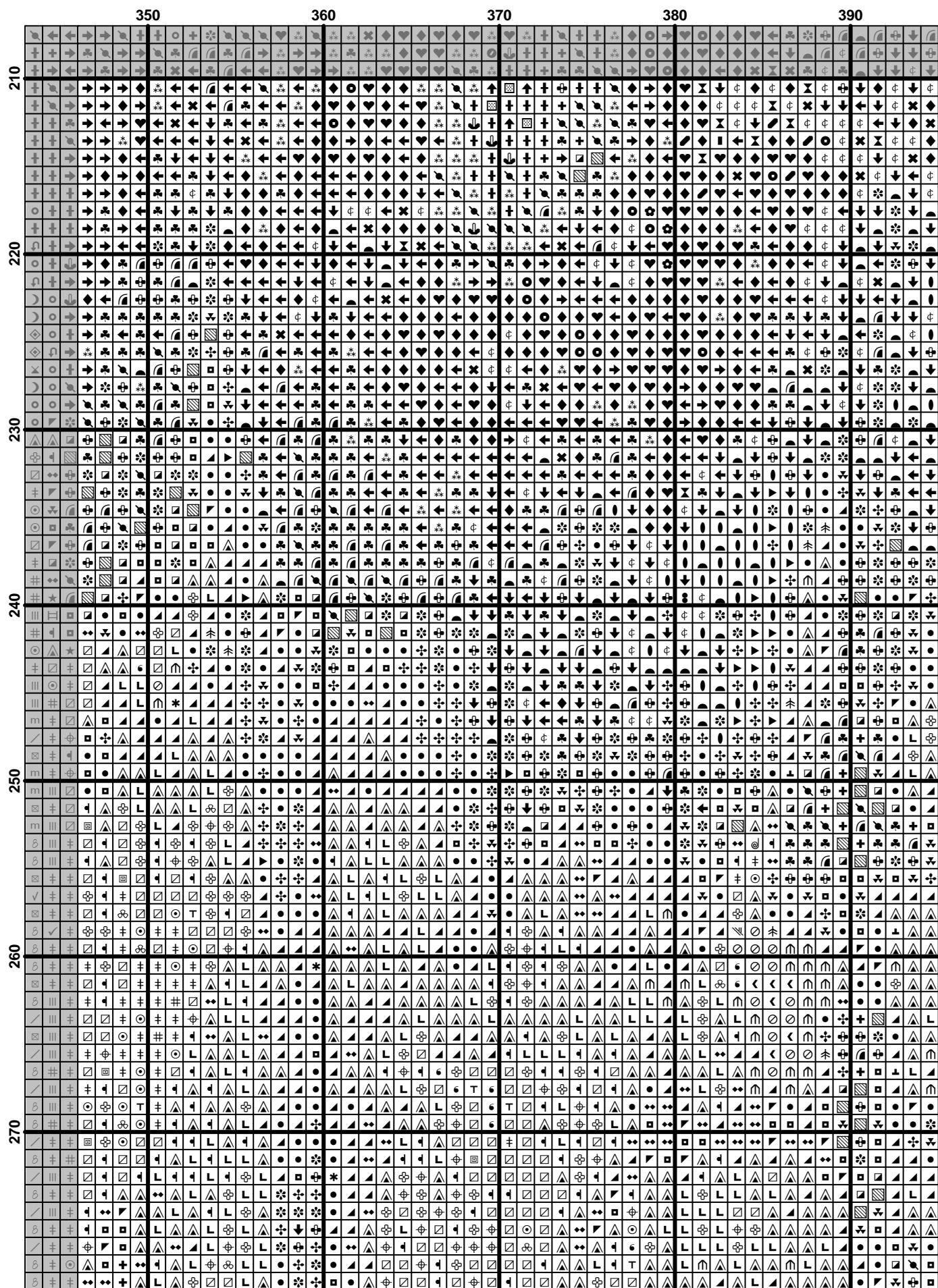
[illegible]

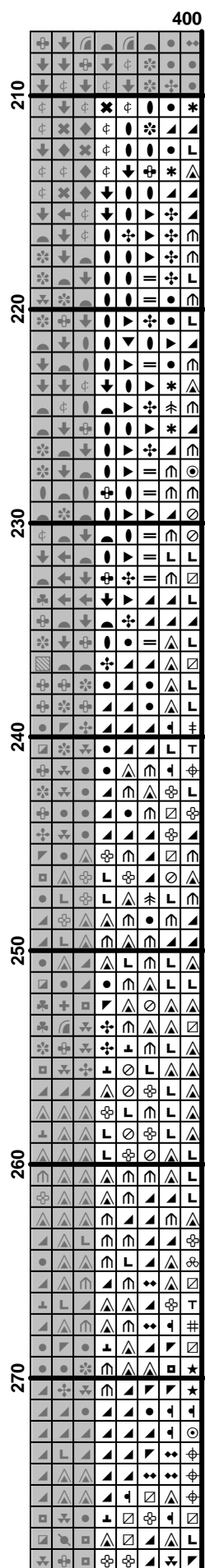
[illegible]

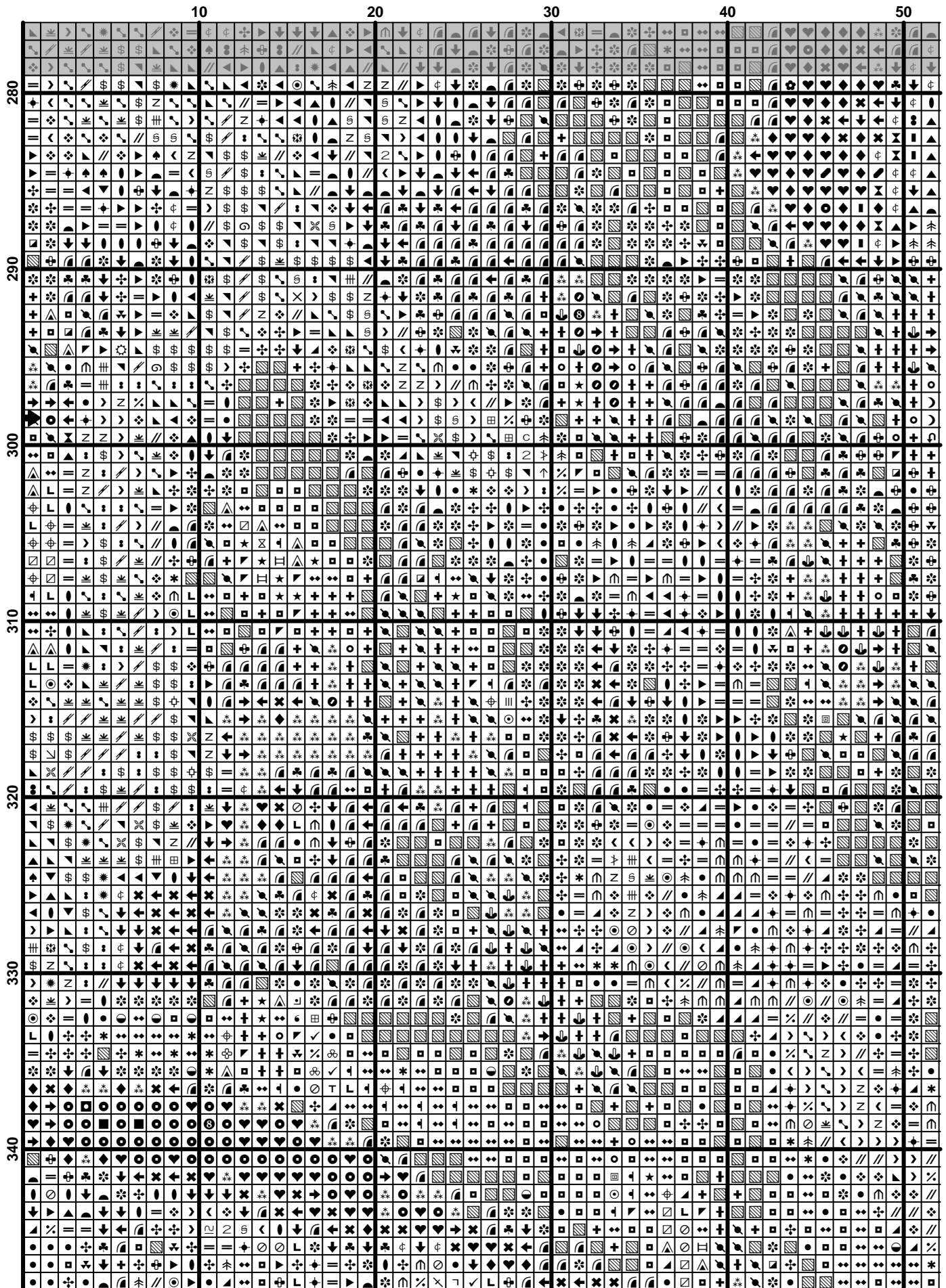
[illegible]

[illegible]









	50	60	70	80	90	100
280
290
300
310
320
330
340

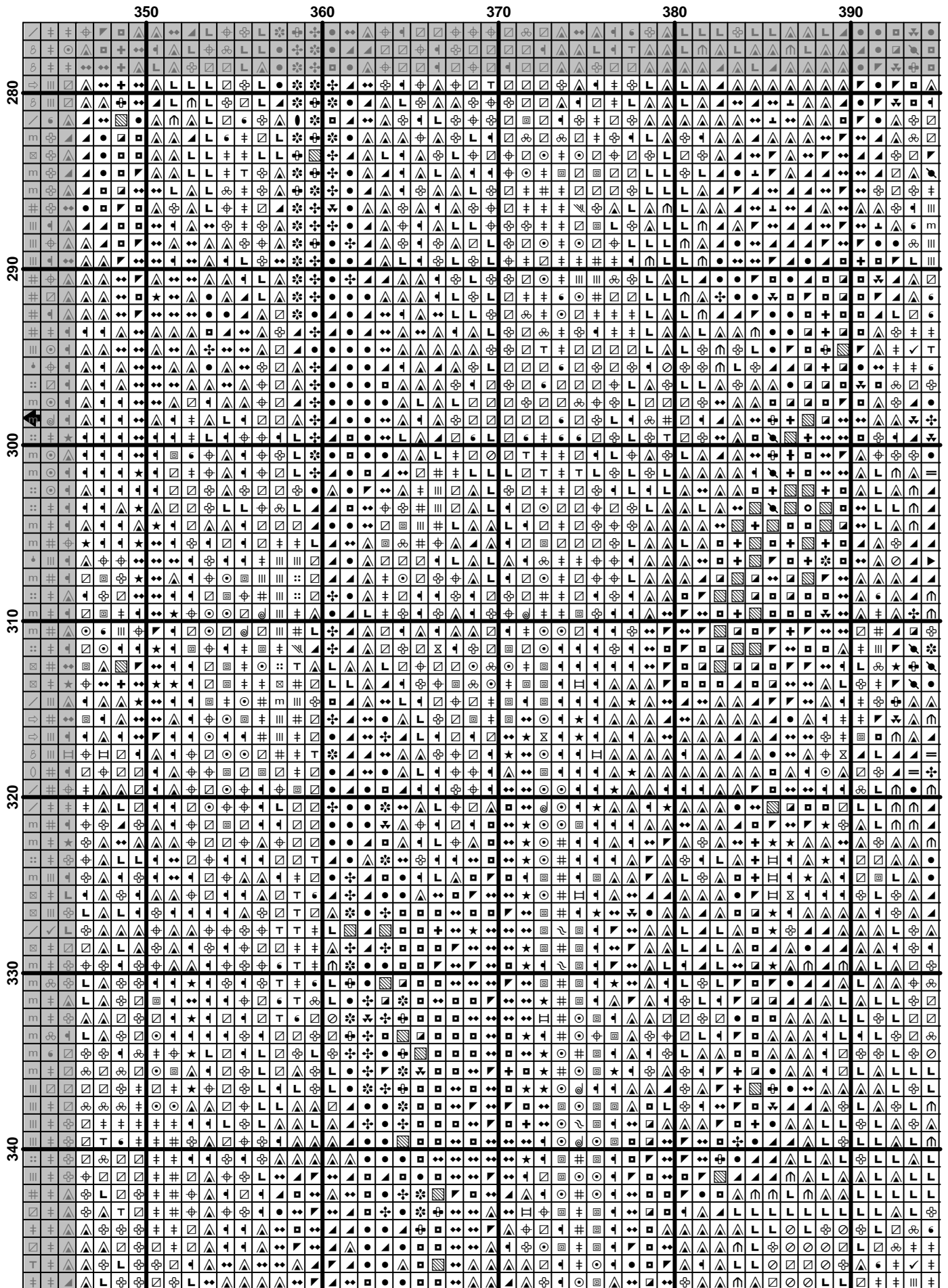
	100	110	120	130	140	150
280
290
300
310
320
330
340

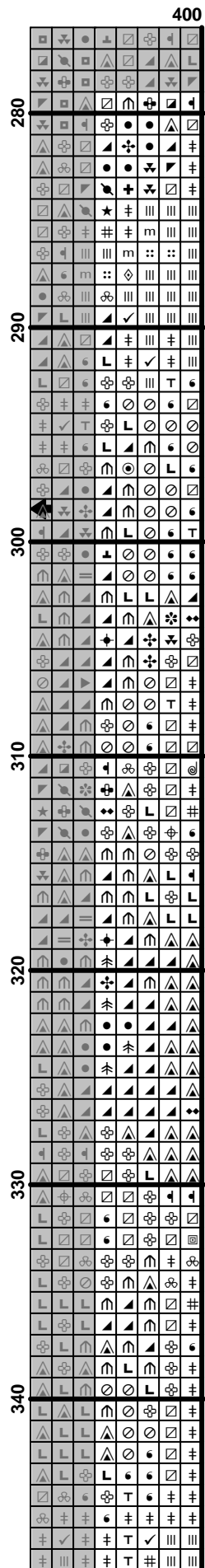
[illegible]

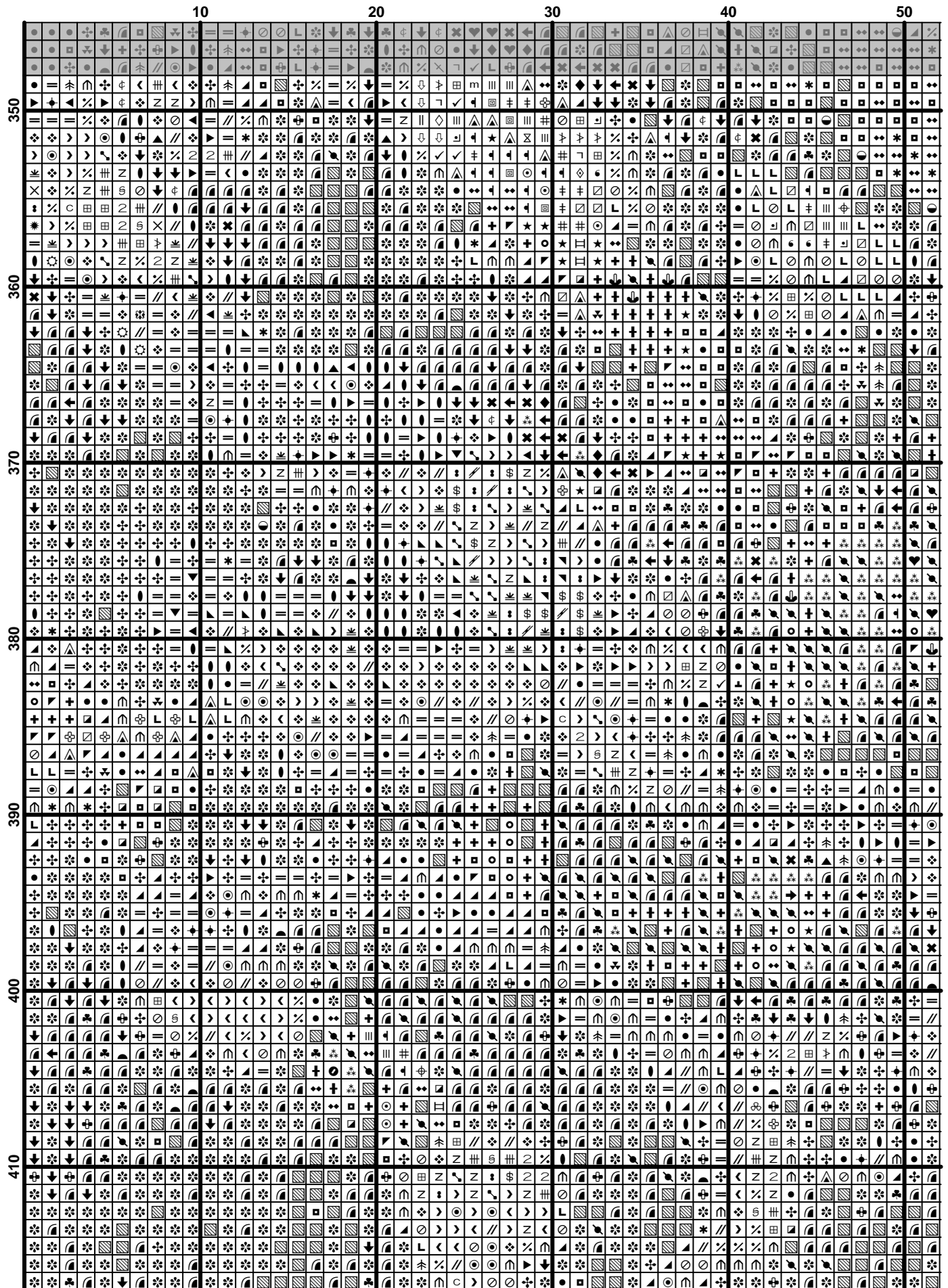
[illegible]

[illegible]

	300	310	320	330	340
280
290
300
310
320
330
340





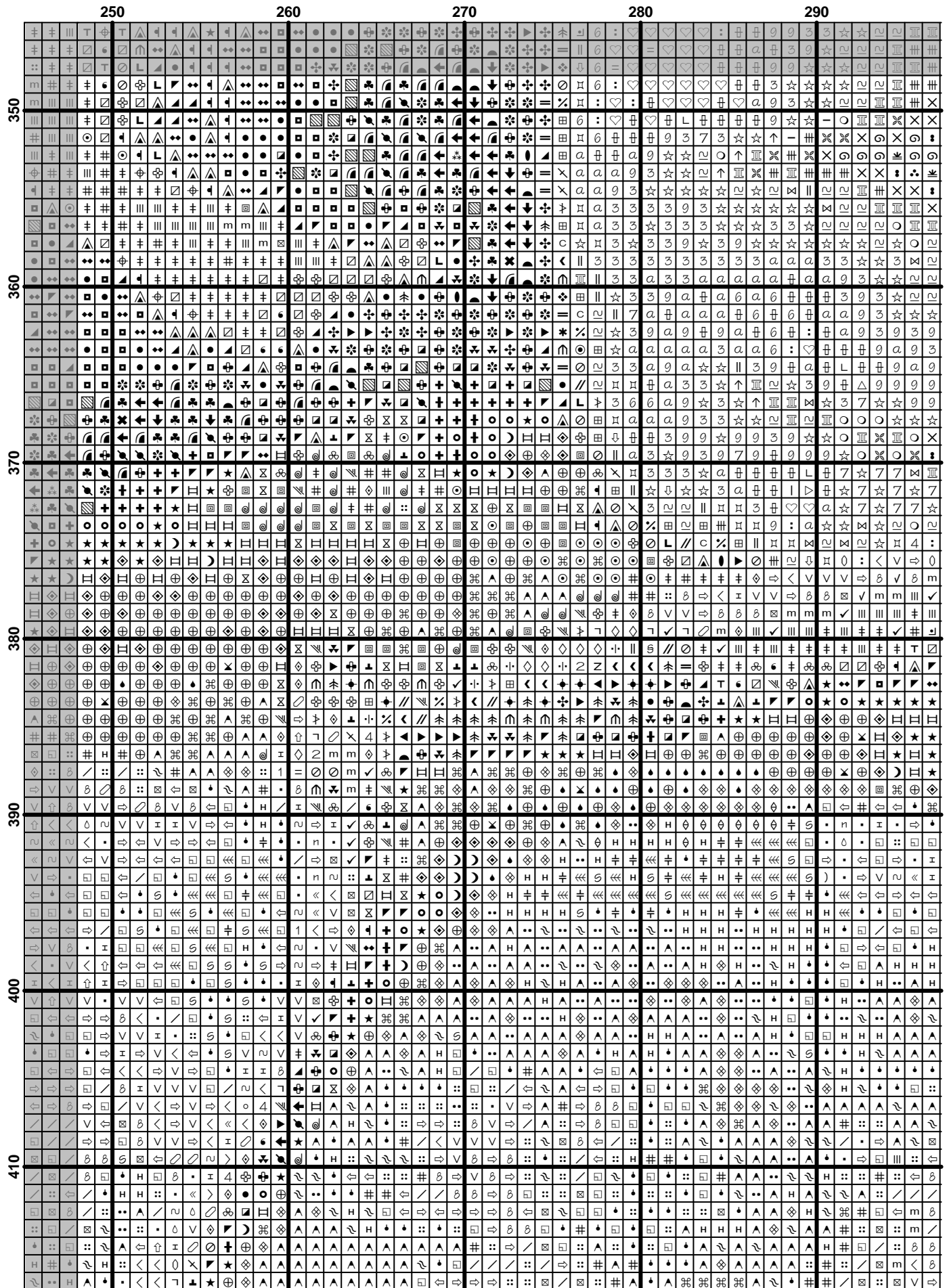


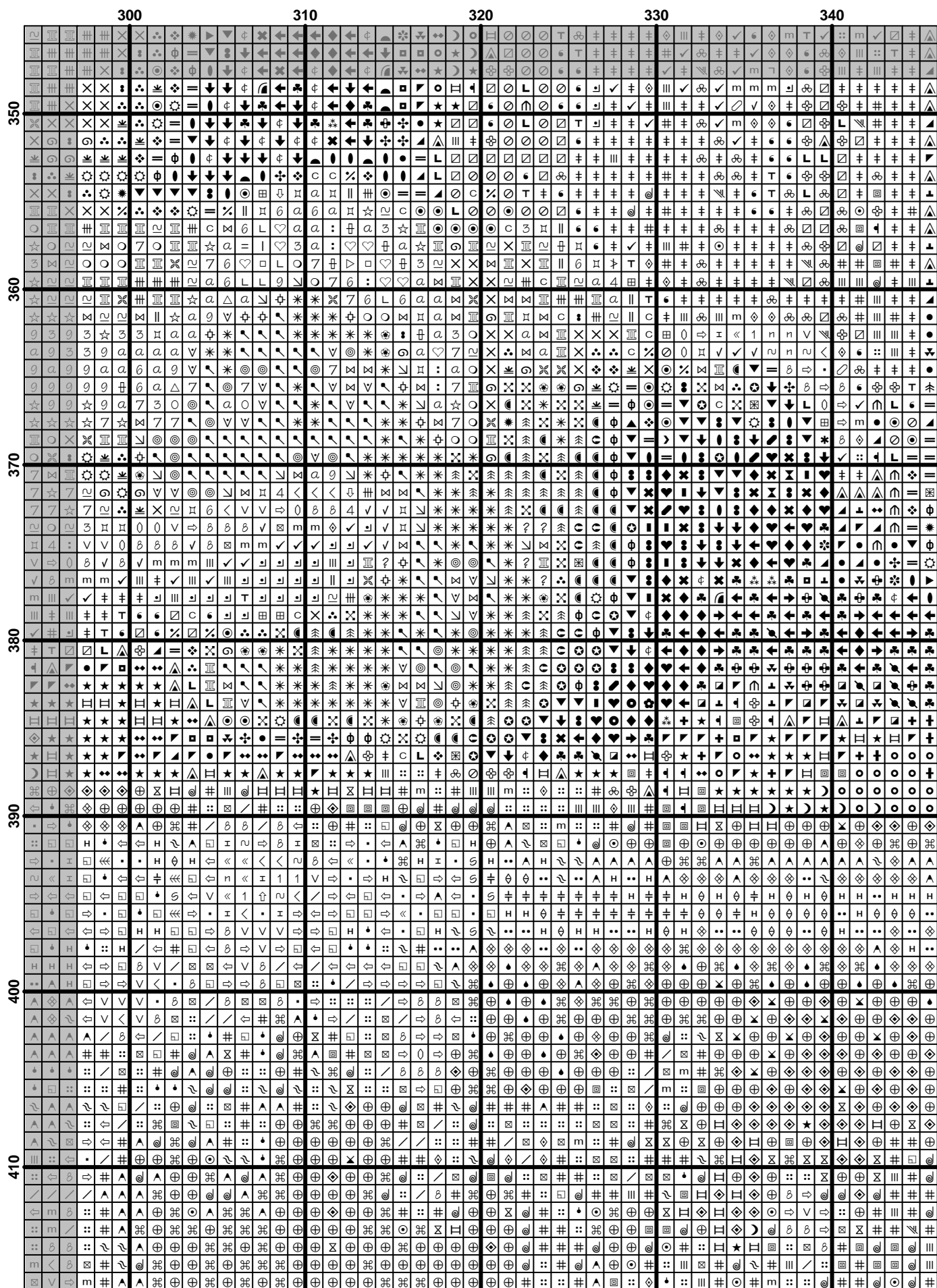
$$(56) \quad \begin{aligned} & \text{[The } \langle \text{N} \rangle \text{ is a } \langle \text{N} \rangle \text{]} \\ & \text{[The } \langle \text{N} \rangle \text{ is a } \langle \text{N} \rangle \text{]} \end{aligned} \quad (57)$$

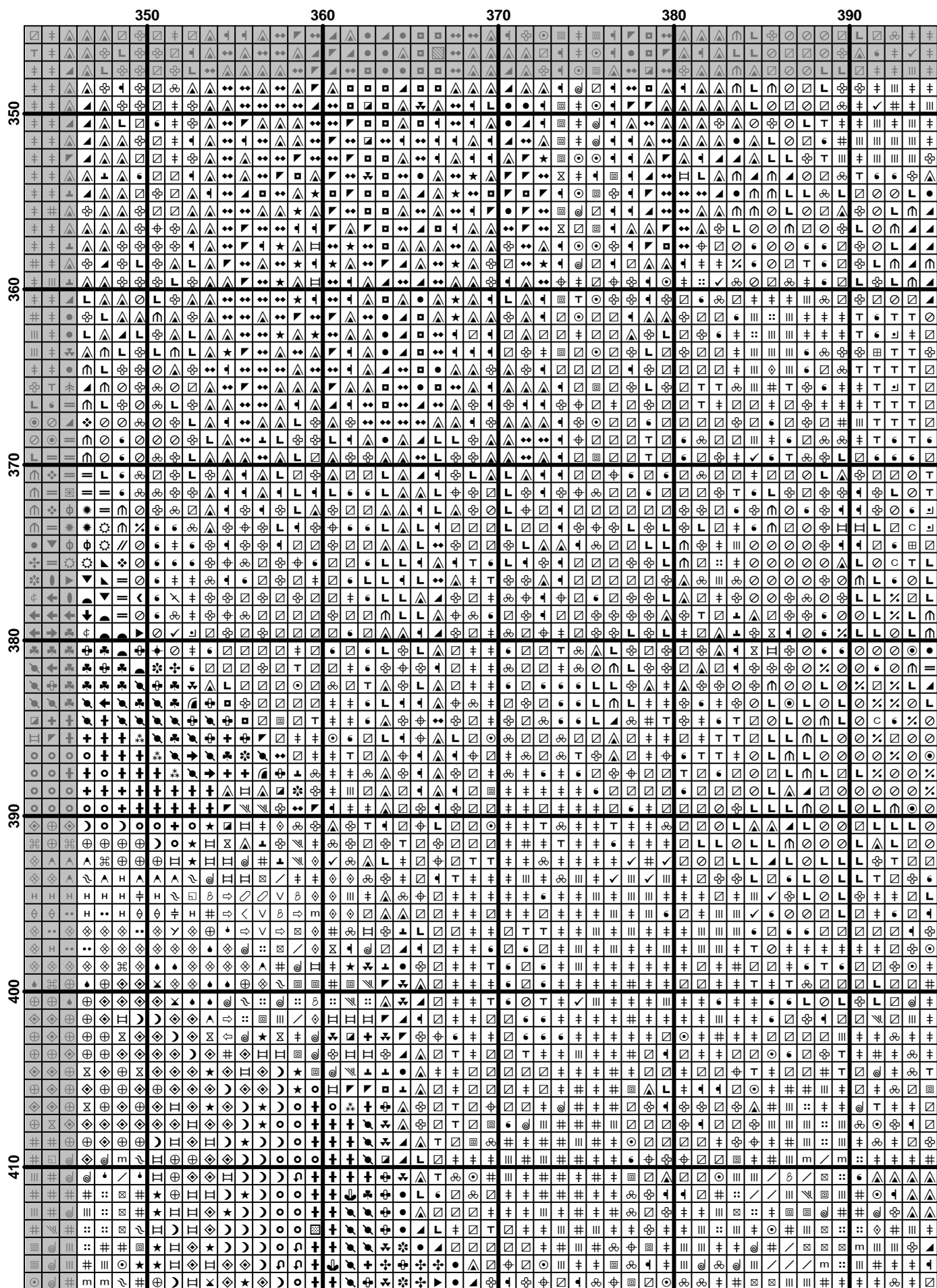
[illegible]

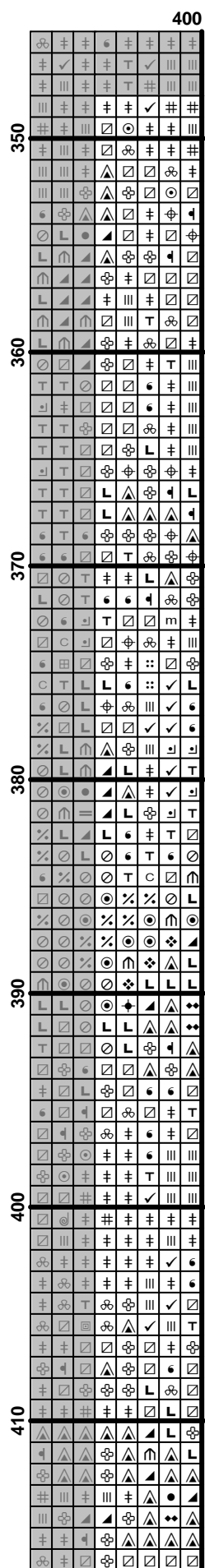
[illegible]

[illegible]









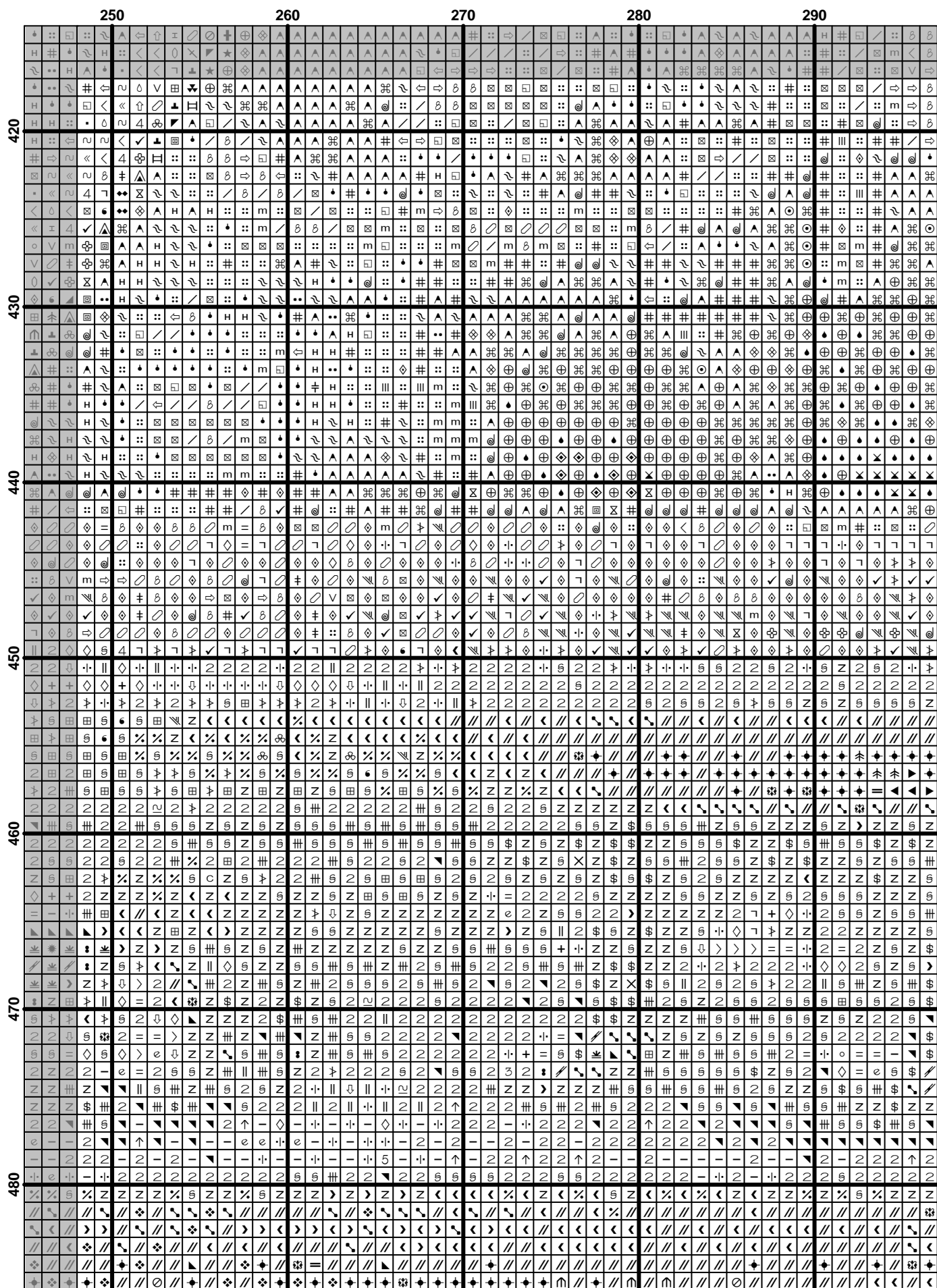
	10	20	30	40	50
420
430
440
450
460
470
480

$$(65) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \mathcal{I}_\alpha f(t), \quad t \in [0, T],$$

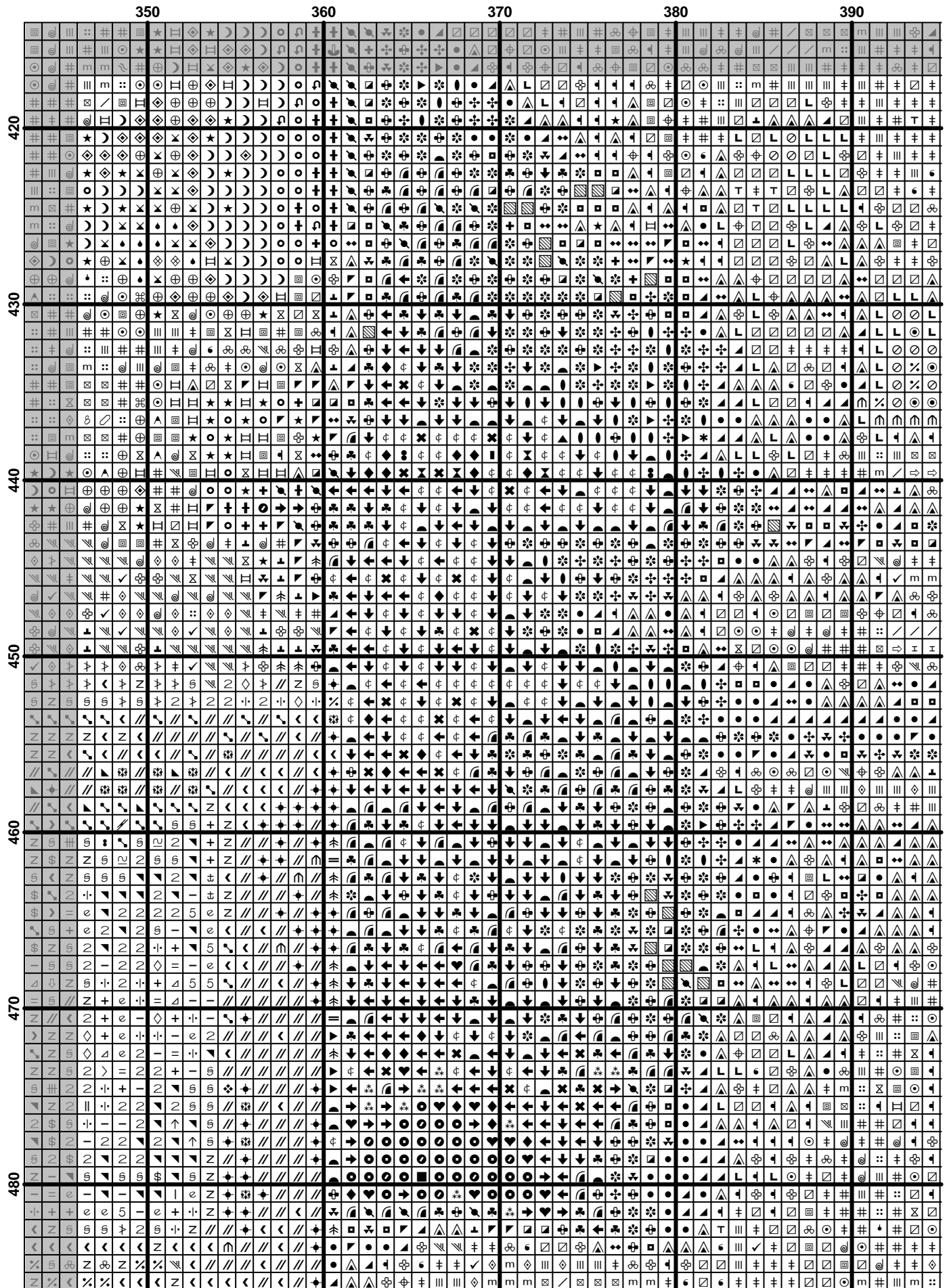
	100	110	120	130	140	150
420
430
440
450
460
470
480

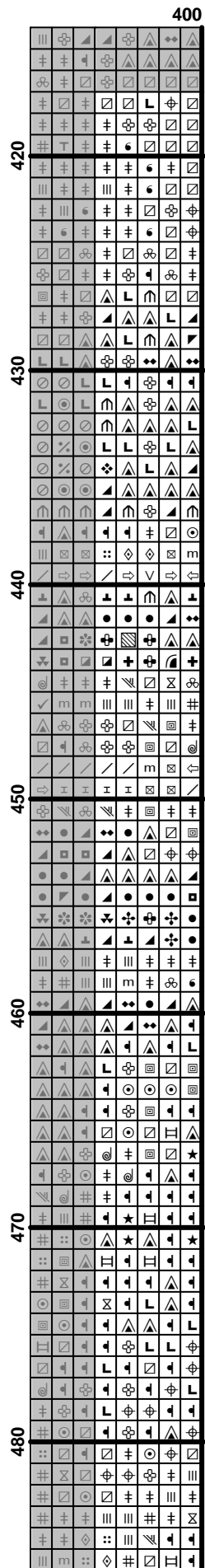
$$(67) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds + \frac{1}{\Gamma(\alpha)} \int_t^\infty (t-s)^{\alpha-1} f(s) ds$$

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



[illegible]



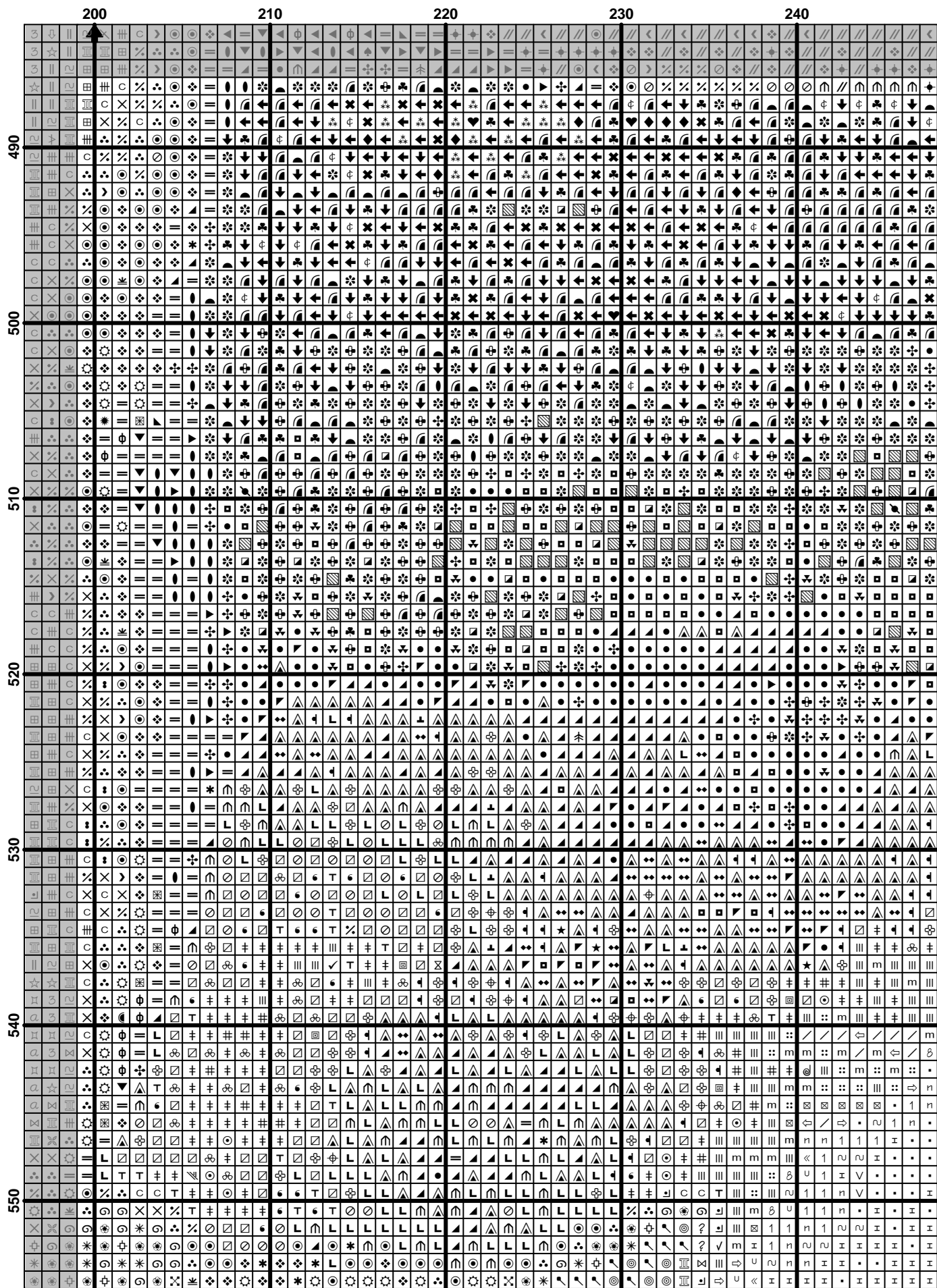


(74)

	50	60	70	80	90	100
490	4	4	4	4	4	4
491	4	4	4	4	4	4
492	4	4	4	4	4	4
493	4	4	4	4	4	4
494	4	4	4	4	4	4
495	4	4	4	4	4	4
496	4	4	4	4	4	4
497	4	4	4	4	4	4
498	4	4	4	4	4	4
499	4	4	4	4	4	4
500	4	4	4	4	4	4
501	4	4	4	4	4	4
502	4	4	4	4	4	4
503	4	4	4	4	4	4
504	4	4	4	4	4	4
505	4	4	4	4	4	4
506	4	4	4	4	4	4
507	4	4	4	4	4	4
508	4	4	4	4	4	4
509	4	4	4	4	4	4
510	4	4	4	4	4	4
511	4	4	4	4	4	4
512	4	4	4	4	4	4
513	4	4	4	4	4	4
514	4	4	4	4	4	4
515	4	4	4	4	4	4
516	4	4	4	4	4	4
517	4	4	4	4	4	4
518	4	4	4	4	4	4
519	4	4	4	4	4	4
520	4	4	4	4	4	4
521	4	4	4	4	4	4
522	4	4	4	4	4	4
523	4	4	4	4	4	4
524	4	4	4	4	4	4
525	4	4	4	4	4	4
526	4	4	4	4	4	4
527	4	4	4	4	4	4
528	4	4	4	4	4	4
529	4	4	4	4	4	4
530	4	4	4	4	4	4
531	4	4	4	4	4	4
532	4	4	4	4	4	4
533	4	4	4	4	4	4
534	4	4	4	4	4	4
535	4	4	4	4	4	4
536	4	4	4	4	4	4
537	4	4	4	4	4	4
538	4	4	4	4	4	4
539	4	4	4	4	4	4
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542	4	4	4	4	4	4
543	4	4	4	4	4	4
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545	4	4	4	4	4	4
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547	4	4	4	4	4	4
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551	4	4	4	4	4	4
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553	4	4	4	4	4	4
554	4	4	4	4	4	4
555	4	4	4	4	4	4
556	4	4	4	4	4	4
557	4	4	4	4	4	4
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559	4	4	4	4	4	4
560	4	4	4	4	4	4
561	4	4	4	4	4	4
562	4	4	4	4	4	4
563	4	4	4	4	4	4
564	4	4	4	4	4	4
565	4	4	4	4	4	4
566	4	4	4	4	4	4
567	4	4	4	4	4	4
568	4	4	4	4	4	4
569	4	4	4	4	4	4
570	4	4	4	4	4	4
571	4	4	4	4	4	4
572	4	4	4	4	4	4
573	4	4	4	4	4	4
574	4	4	4	4	4	4
575	4	4	4	4	4	4
576	4	4	4	4	4	4
577	4	4	4	4	4	4
578	4	4	4	4	4	4
579	4	4	4	4	4	4
580	4	4	4	4	4	4
581	4	4	4	4	4	4
582	4	4	4	4	4	4
583	4	4	4	4	4	4
584	4	4	4	4	4	4
585	4	4	4	4	4	4
586	4	4	4	4	4	4
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588	4	4	4	4	4	4
589	4	4	4	4	4	4
590	4	4	4	4	4	4
591	4	4	4	4	4	4
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596	4	4	4	4	4	4
597	4	4	4	4	4	4
598	4	4	4	4	4	4
599	4	4	4	4	4	4
600	4	4	4	4	4	4

[illegible]

$$(76) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \mathcal{I}_\alpha f(t), \quad t \in [0, T],$$



(79)

	300	310	320	330	340
490
500
510
520
530
540
550

$$(80) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left(\sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

	300										310										320										330										340																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
560	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1

[illegible]

[illegible]