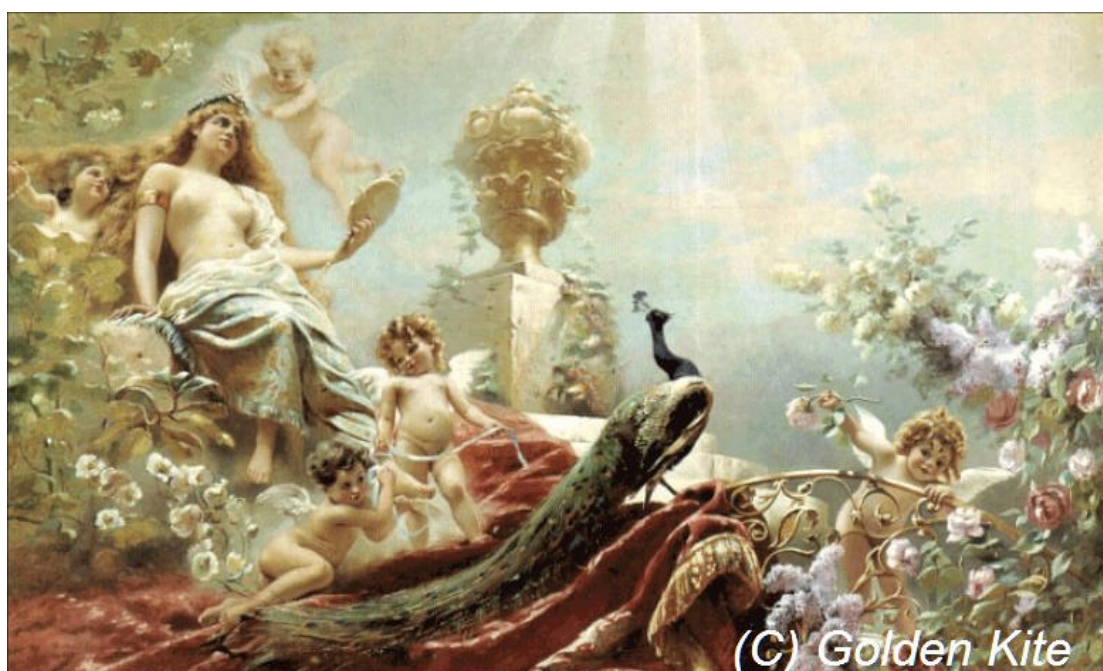


# 1073 The Toilet of Venus



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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 Toilet of Venus												
Stitch Count					Recommended Fabric Color							
Horizontal:		700			Antique White							
Vertical:		420										
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:	127	49.98	76	29.89	112	43.73	67	26.15	99	38.875	60	23.25
Including Margins:	143	56	92	36	128	50	83	33	115	45	76	30
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	177	69.97	106	41.84	148	58.31	88	34.87	74	29.15	44	17.43
Including Margins:	193	76	122	48	164	65	104	41	90	36	60	24
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	71	27.98	42	16.73	68	26.91	40	16.09	65	25.91	39	15.49
Including Margins:	87	34	58	23	84	33	56	23	81	32	55	22
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	63	24.99	38	14.94	59	23.32	35	13.94	55	21.86	33	13.07
Including Margins:	79	31	54	21	75	30	51	20	71	28	49	20

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
—	224	Shell Pink-VY LT
●	300	Mahogany-VY DK
❖	356	Terra Cotta-MD
✎	370	Mustard-MD
○	371	Mustard
田	372	Mustard-LT
↖	407	Desert Sand-DK
➔	413	Pewter Gray -DK
m	415	Pearl Gray
н	422	Hazelnut Brown-LT
✕	451	Shell Gray-DK
田	452	Shell Gray-MD
田	453	Shell Gray-LT
⊕	503	Blue Green-MD
⊕	522	Fern Green
≡	523	Fern Green-LT
○	524	Fern Green-VY LT
∅	543	Beige Brown-UL VY LT
▼	610	Drab Brown-DK
▲	611	Drab Brown
⊗	613	Drab Brown-VY LT
●	632	Desert Sand-UL VY DK
⊕	640	Beige Gray-VY DK
田	642	Beige Gray-DK
√	644	Beige Gray-MD
**	645	Beaver Gray-VY DK
▲	646	Beaver Gray-DK
⊕	647	Beaver Gray-MD
	648	Beaver Gray-LT
~	712	Cream
☆	738	Tan-VY LT
⊕	739	Tan-UL VY LT
1	746	Off White
⊗	758	Terra Cotta-VY LT
•	762	Pearl Gray-VY LT
>	772	Yellow Green-VY LT
✕	801	Coffee Brown-DK
L	822	Beige Gray-LT

✕	838	Beige Brown-VY DK
■	839	Beige Brown-DK
•	841	Beige Brown-LT
●	898	Coffee Brown-VY DK
=	926	Gray Green-MD
⊗	927	Gray Green-LT
●	935	Avocado Green-DK
■	938	Coffee Brown-UL DK
v	955	Nile Green-LT
⊕	3013	Khaki Green-LT
◆	3021	Brown Gray -VY DK
//	3022	Brown Gray -MD
⊗	3032	Mocha Brown-MD
	3047	Yellow Beige-LT
✕	3051	Green Gray-DK
★	3052	Green Gray-MD
τ	3053	Green Gray
⊗	3064	Desert Sand
:	3072	Beaver Gray-VY LT
↓	3362	Pine Green-DK
⊗	3363	Pine Green-MD
■	3371	Black Brown
+	3721	Shell Pink- DK
5	3743	Antique Violet-VY LT
6	3753	Antique Blue-UL VY LT
c	3756	Baby Blue-UL VY LT
▼	3772	Desert Sand-VY DK
٪	3778	Terra Cotta-LT
⊗	3782	Mocha Brown-LT
⊕	3787	Brown Gray -DK
+	3790	Beige Gray-UL DK
⊗	3799	Pewter Gray -VY DK
~	3813	Blue Green-LT
◀	3828	Hazelnut Brown
♥	3857	Rosewood-DK
*	3861	Cocoa-LT
⊗	3862	Mocha Beige-DK
▲	3863	Mocha Beige-MD
#	3864	Mocha Beige-LT
u	3865	Winter White
o	Ecru	Ecru

Blend Stitches. Use one strand of each of DMC1 and DMC2 for these stitches.				
Symbol	DMC1	Name1	DMC2	Name2
‡	407	Desert Sand-DK	3864	Mocha Beige-LT
⊕	610	Drab Brown-DK	839	Beige Brown-DK
✕	3828	Hazelnut Brown	356	Terra Cotta-MD
○	3830	Terra Cotta-MD	3863	Mocha Beige-MD
●	838	Beige Brown-VY DK	3857	Rosewood-DK
■	640	Beige Gray-VY DK	3860	Cocoa
●	610	Drab Brown-DK	3790	Beige Gray-UL DK
↓	413	Pewter Gray -DK	3799	Pewter Gray -VY DK

8	3024	Brown Gray-VY LT	3072	Beaver Gray-VY LT
«	3756	Baby Blue-UL VY LT	3865	Winter White
←	3787	Brown Gray-DK	839	Beige Brown-DK
▲	632	Desert Sand-UL VY DK	3862	Mocha Beige-DK
⌚	3772	Desert Sand-VY DK	3860	Cocoa
⦿	632	Desert Sand-UL VY DK	839	Beige Brown-DK
⋯	356	Terra Cotta-MD	3064	Desert Sand
▨	420	Hazelnut Brown-DK	632	Desert Sand-UL VY DK
▩	356	Terra Cotta-MD	632	Desert Sand-UL VY DK
□	3753	Antique Blue-UL VY LT	3756	Baby Blue-UL VY LT
↓	738	Tan-VY LT	524	Fern Green-VY LT
◀	645	Beaver Gray-VY DK	3363	Pine Green-MD
⚡	522	Fern Green	646	Beaver Gray-DK
▶	611	Drab Brown	3862	Mocha Beige-DK
◈	371	Mustard	3052	Green Gray-MD
⊕	3364	Pine Green	371	Mustard
⊗	3346	Hunter Green	3790	Beige Gray-UL DK
5	613	Drab Brown-VY LT	524	Fern Green-VY LT
☛	801	Coffee Brown-DK	838	Beige Brown-VY DK
♠	420	Hazelnut Brown-DK	3830	Terra Cotta-MD
◎	371	Mustard	3772	Desert Sand-VY DK
L	611	Drab Brown	612	Drab Brown-LT
9	613	Drab Brown-VY LT	369	Pistachio Green-VY LT
≡	613	Drab Brown-VY LT	738	Tan-VY LT
H	3861	Cocoa-LT	223	Shell Pink-LT
c	632	Desert Sand-UL VY DK	3863	Mocha Beige-MD
↑	712	Cream	955	Nile Green-LT
<	3866	Mocha Brown-UL VY LT	955	Nile Green-LT
⌂	370	Mustard-MD	3772	Desert Sand-VY DK
▤	3721	Shell Pink-DK	3772	Desert Sand-VY DK
◊	746	Off White	ecru	Ecru
⚙	611	Drab Brown	3052	Green Gray-MD
^	ecru	Ecru	3866	Mocha Brown-UL VY LT
✖	611	Drab Brown	3790	Beige Gray-UL DK
▧	355	Terra Cotta-DK	632	Desert Sand-UL VY DK
✚	3862	Mocha Beige-DK	420	Hazelnut Brown-DK
H	928	Gray Green-VY LT	955	Nile Green-LT
X	3045	Yellow Beige-DK	3828	Hazelnut Brown
Z	3861	Cocoa-LT	927	Gray Green-LT
☛	356	Terra Cotta-MD	612	Drab Brown-LT
✖	612	Drab Brown-LT	734	Olive Green-LT
Y	3348	Yellow Green-LT	523	Fern Green-LT
▷	369	Pistachio Green-VY LT	3866	Mocha Brown-UL VY LT
n	712	Cream	746	Off White
⇐	955	Nile Green-LT	3024	Brown Gray-VY LT
◈	3013	Khaki Green-LT	3364	Pine Green
\$	734	Olive Green-LT	371	Mustard
♣	839	Beige Brown-DK	3862	Mocha Beige-DK
♦	3863	Mocha Beige-MD	3772	Desert Sand-VY DK
φ	3790	Beige Gray-UL DK	645	Beaver Gray-VY DK
↘	758	Terra Cotta-VY LT	612	Drab Brown-LT
●	3830	Terra Cotta-MD	435	Brown-VY LT
..	372	Mustard-LT	422	Hazelnut Brown-LT
☛	3856	Mahogany-UL VY LT	613	Drab Brown-VY LT
⊕	3787	Brown Gray-DK	3346	Hunter Green
e	415	Pearl Gray	955	Nile Green-LT
◇	415	Pearl Gray	369	Pistachio Green-VY LT
3	928	Gray Green-VY LT	369	Pistachio Green-VY LT
⇒	369	Pistachio Green-VY LT	3072	Beaver Gray-VY LT

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⌘	372	Mustard-LT	3863	Mocha Beige-MD
♠	415	Pearl Gray	928	Gray Green-VY LT
♠	524	Fern Green-VY LT	3782	Mocha Brown-LT
♠	523	Fern Green-LT	642	Beige Gray-DK
♠	928	Gray Green-VY LT	648	Beaver Gray-LT
♠	353	Peach	613	Drab Brown-VY LT
♠	452	Shell Gray-MD	928	Gray Green-VY LT
♠	420	Hazelnut Brown-DK	370	Mustard-MD
♠	3045	Yellow Beige-DK	3364	Pine Green
♠	371	Mustard	3045	Yellow Beige-DK
♠	3364	Pine Green	3052	Green Gray-MD
♠	371	Mustard	372	Mustard-LT
♠	611	Drab Brown	3346	Hunter Green
♠	3362	Pine Green-DK	610	Drab Brown-DK
♠	3863	Mocha Beige-MD	420	Hazelnut Brown-DK
♠	3013	Khaki Green-LT	523	Fern Green-LT
♠	3348	Yellow Green-LT	524	Fern Green-VY LT
♠	523	Fern Green-LT	524	Fern Green-VY LT
♠	3364	Pine Green	3032	Mocha Brown-MD
♠	3013	Khaki Green-LT	734	Olive Green-LT
♠	524	Fern Green-VY LT	422	Hazelnut Brown-LT
♠	734	Olive Green-LT	3064	Desert Sand
♠	613	Drab Brown-VY LT	3047	Yellow Beige-LT
♠	422	Hazelnut Brown-LT	3348	Yellow Green-LT
♠	613	Drab Brown-VY LT	928	Gray Green-VY LT
♠	524	Fern Green-VY LT	563	Jade-LT
♠	613	Drab Brown-VY LT	563	Jade-LT
♠	453	Shell Gray-LT	369	Pistachio Green-VY LT
♠	3856	Mahogany-UL VY LT	524	Fern Green-VY LT
♠	612	Drab Brown-LT	3045	Yellow Beige-DK
♠	3047	Yellow Beige-LT	738	Tan-VY LT
♠	453	Shell Gray-LT	613	Drab Brown-VY LT
♠	453	Shell Gray-LT	772	Yellow Green-VY LT
♠	3866	Mocha Brown-UL VY LT	822	Beige Gray-LT
♠	369	Pistachio Green-VY LT	739	Tan-UL VY LT
♠	3064	Desert Sand	372	Mustard-LT
♠	3047	Yellow Beige-LT	739	Tan-UL VY LT
♠	955	Nile Green-LT	3753	Antique Blue-UL VY LT
♠	3072	Beaver Gray-VY LT	712	Cream
♠	3756	Baby Blue-UL VY LT	712	Cream
♠	3756	Baby Blue-UL VY LT	955	Nile Green-LT
♠	415	Pearl Gray	3813	Blue Green-LT
♠	955	Nile Green-LT	3813	Blue Green-LT
♠	928	Gray Green-VY LT	3813	Blue Green-LT
♠	3064	Desert Sand	371	Mustard
♠	955	Nile Green-LT	3072	Beaver Gray-VY LT
♠	926	Gray Green-MD	413	Pewter Gray -DK
♠	3830	Terra Cotta-MD	223	Shell Pink-LT
♠	223	Shell Pink-LT	3863	Mocha Beige-MD
♠	223	Shell Pink-LT	372	Mustard-LT
♠	632	Desert Sand-UL VY DK	3857	Rosewood-DK
♠	3857	Rosewood-DK	355	Terra Cotta-DK
♠	3772	Desert Sand-VY DK	3064	Desert Sand
♠	3830	Terra Cotta-MD	407	Desert Sand-DK

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	
223	Shell Pink-LT	299	117	285	112	256	100
224	Shell Pink-VY LT	126	49	120	47	108	42
300	Mahogany-VY DK	56	22	53	20	48	18
353	Peach	94	37	89	35	80	31
355	Terra Cotta-DK	213	83	203	79	183	72
356	Terra Cotta-MD	304	119	290	114	261	102
369	Pistachio Green-VY LT	2198	865	2094	824	1884	741
370	Mustard-MD	586	230	558	219	502	197
371	Mustard	1845	726	1757	691	1582	622
372	Mustard-LT	1920	755	1829	720	1646	648
407	Desert Sand-DK	330	129	314	123	282	111
413	Pewter Gray -DK	135	53	128	50	115	45
415	Pearl Gray	1107	435	1055	415	949	373
420	Hazelnut Brown-DK	511	201	487	191	438	172
422	Hazelnut Brown-LT	693	272	660	259	594	233
435	Brown-VY LT	27	10	26	10	23	9
451	Shell Gray-DK	183	72	174	68	156	61
452	Shell Gray-MD	288	113	275	108	247	97
453	Shell Gray-LT	1136	447	1082	425	974	383
503	Blue Green-MD	134	52	128	50	115	45
522	Fern Green	431	169	411	161	369	145
523	Fern Green-LT	1317	518	1254	493	1129	444
524	Fern Green-VY LT	2412	949	2297	904	2067	813
543	Beige Brown-UL VY LT	287	112	273	107	246	96
563	Jade-LT	412	162	393	154	353	138
610	Drab Brown-DK	813	320	774	304	697	274
611	Drab Brown	1324	521	1261	496	1135	446
612	Drab Brown-LT	693	272	660	259	594	233
613	Drab Brown-VY LT	2245	883	2138	841	1924	757
632	Desert Sand-UL VY DK	1712	674	1630	641	1467	577
640	Beige Gray-VY DK	880	346	838	329	754	296
642	Beige Gray-DK	615	242	586	230	527	207
644	Beige Gray-MD	310	122	295	116	265	104
645	Beaver Gray-VY DK	570	224	543	213	488	192
646	Beaver Gray-DK	426	167	406	159	365	143
647	Beaver Gray-MD	434	170	413	162	372	146
648	Beaver Gray-LT	337	132	321	126	289	113
712	Cream	6085	2395	5796	2281	5216	2053
734	Olive Green-LT	320	125	305	120	274	107
738	Tan-VY LT	933	367	888	349	799	314
739	Tan-UL VY LT	367	144	350	137	315	124
746	Off White	1815	714	1728	680	1556	612
758	Terra Cotta-VY LT	192	75	183	72	164	64
762	Pearl Gray-VY LT	122	48	116	45	104	40
772	Yellow Green-VY LT	348	137	331	130	298	117
801	Coffee Brown-DK	395	155	376	148	338	133
822	Beige Gray-LT	699	275	666	262	599	235
838	Beige Brown-VY DK	1103	434	1051	413	946	372
839	Beige Brown-DK	1577	620	1502	591	1352	532
841	Beige Brown-LT	228	89	217	85	195	76
898	Coffee Brown-VY DK	370	145	352	138	317	124
926	Gray Green-MD	75	29	72	28	64	25
927	Gray Green-LT	556	218	530	208	477	187
928	Gray Green-VY LT	1335	525	1272	500	1144	450

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935	Avocado Green-DK	94	37	90	35	81	31
938	Coffee Brown-UL DK	1288	507	1226	482	1104	434
955	Nile Green-LT	5011	1972	4772	1878	4295	1690
3013	Khaki Green-LT	962	378	916	360	824	324
3021	Brown Gray -VY DK	641	252	611	240	550	216
3022	Brown Gray -MD	515	202	490	192	441	173
3024	Brown Gray -VY LT	851	335	811	319	729	287
3032	Mocha Brown-MD	782	307	745	293	670	263
3045	Yellow Beige-DK	542	213	516	203	464	182
3047	Yellow Beige-LT	759	298	723	284	651	256
3051	Green Gray-DK	233	91	222	87	200	78
3052	Green Gray-MD	1196	470	1139	448	1025	403
3053	Green Gray	412	162	392	154	353	138
3064	Desert Sand	828	325	789	310	710	279
3072	Beaver Gray-VY LT	2058	810	1960	771	1764	694
3346	Hunter Green	222	87	211	83	190	74
3348	Yellow Green-LT	361	142	344	135	309	121
3362	Pine Green-DK	234	92	223	87	201	79
3363	Pine Green-MD	248	97	236	92	213	83
3364	Pine Green	1196	470	1139	448	1025	403
3371	Black Brown	1163	457	1108	436	997	392
3721	Shell Pink-DK	214	84	204	80	184	72
3743	Antique Violet-VY LT	137	53	130	51	117	46
3753	Antique Blue-UL VY LT	426	167	406	159	365	143
3756	Baby Blue-UL VY LT	2560	1007	2438	959	2195	864
3772	Desert Sand-VY DK	1010	397	961	378	865	340
3778	Terra Cotta-LT	31	12	29	11	26	10
3782	Mocha Brown-LT	542	213	516	203	464	182
3787	Brown Gray -DK	986	388	939	369	845	332
3790	Beige Gray-UL DK	1171	461	1116	439	1004	395
3799	Pewter Gray -VY DK	85	33	81	31	73	28
3813	Blue Green-LT	729	287	695	273	625	246
3828	Hazelnut Brown	164	64	156	61	140	55
3830	Terra Cotta-MD	376	148	358	140	322	126
3856	Mahogany-UL VY LT	180	70	172	67	155	61
3857	Rosewood-DK	1144	450	1089	428	980	385
3860	Cocoa	243	95	231	90	208	81
3861	Cocoa-LT	346	136	330	129	297	116
3862	Mocha Beige-DK	800	314	762	300	685	269
3863	Mocha Beige-MD	1502	591	1431	563	1288	507
3864	Mocha Beige-LT	378	148	360	141	324	127
3865	Winter White	671	264	639	251	575	226
3866	Mocha Brown-UL VY LT	2027	798	1931	760	1737	683
ecru	Ecru	3679	1448	3504	1379	3153	1241

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
223	Shell Pink-LT	461	180	384	150	192	75
224	Shell Pink-VY LT	194	76	162	63	81	32
300	Mahogany-VY DK	86	32	72	27	36	14
353	Peach	144	56	120	47	60	23
355	Terra Cotta-DK	329	130	275	108	137	54
356	Terra Cotta-MD	470	184	392	153	196	77
369	Pistachio Green-VY LT	3391	1334	2826	1112	1413	556
370	Mustard-MD	904	355	753	296	377	148

371	Mustard	2848	1120	2373	933	1187	467
372	Mustard-LT	2963	1166	2469	972	1235	486
407	Desert Sand-DK	508	200	423	167	212	83
413	Pewter Gray -DK	207	81	173	68	86	34
415	Pearl Gray	1708	671	1424	560	712	280
420	Hazelnut Brown-DK	788	310	657	258	329	129
422	Hazelnut Brown-LT	1069	419	891	350	446	175
435	Brown-VY LT	41	16	35	14	17	7
451	Shell Gray-DK	281	110	234	92	117	46
452	Shell Gray-MD	445	175	371	146	185	73
453	Shell Gray-LT	1753	689	1461	575	731	287
503	Blue Green-MD	207	81	173	68	86	34
522	Fern Green	664	261	554	218	277	109
523	Fern Green-LT	2032	799	1694	666	847	333
524	Fern Green-VY LT	3721	1463	3101	1220	1550	610
543	Beige Brown-UL VY LT	443	173	369	144	185	72
563	Jade-LT	635	248	530	207	265	104
610	Drab Brown-DK	1255	493	1046	411	523	206
611	Drab Brown	2043	803	1703	669	851	335
612	Drab Brown-LT	1069	419	891	350	446	175
613	Drab Brown-VY LT	3463	1363	2886	1136	1443	568
632	Desert Sand-UL VY DK	2641	1039	2201	866	1100	433
640	Beige Gray-VY DK	1357	533	1131	444	566	222
642	Beige Gray-DK	949	373	791	311	395	155
644	Beige Gray-MD	477	187	398	156	199	78
645	Beaver Gray-VY DK	878	346	732	288	366	144
646	Beaver Gray-DK	657	257	548	215	274	107
647	Beaver Gray-MD	670	263	558	219	279	110
648	Beaver Gray-LT	520	203	434	170	217	85
712	Cream	9389	3695	7824	3080	3912	1540
734	Olive Green-LT	493	193	411	161	206	80
738	Tan-VY LT	1438	565	1199	471	599	236
739	Tan-UL VY LT	567	223	473	186	236	93
746	Off White	2801	1102	2334	918	1167	459
758	Terra Cotta-VY LT	295	115	246	96	123	48
762	Pearl Gray-VY LT	187	72	156	60	78	30
772	Yellow Green-VY LT	536	211	447	176	224	88
801	Coffee Brown-DK	608	239	507	200	254	100
822	Beige Gray-LT	1078	423	899	353	449	176
838	Beige Brown-VY DK	1703	670	1419	558	710	279
839	Beige Brown-DK	2434	958	2028	798	1014	399
841	Beige Brown-LT	351	137	293	114	146	57
898	Coffee Brown-VY DK	571	223	476	186	238	93
926	Gray Green-MD	115	45	96	38	48	19
927	Gray Green-LT	859	337	716	281	358	140
928	Gray Green-VY LT	2059	810	1716	675	858	338
935	Avocado Green-DK	146	56	122	47	61	23
938	Coffee Brown-UL DK	1987	781	1656	651	828	326
955	Nile Green-LT	7731	3042	6443	2535	3221	1268
3013	Khaki Green-LT	1483	583	1236	486	618	243
3021	Brown Gray -VY DK	990	389	825	324	413	162
3022	Brown Gray -MD	794	311	662	260	331	130
3024	Brown Gray -VY LT	1312	517	1094	431	547	215
3032	Mocha Brown-MD	1206	473	1005	395	503	197
3045	Yellow Beige-DK	835	328	696	273	348	137
3047	Yellow Beige-LT	1172	461	977	384	488	192
3051	Green Gray-DK	360	140	300	117	150	59
3052	Green Gray-MD	1845	725	1538	605	769	302
3053	Green Gray	635	248	530	207	265	104

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3064	Desert Sand	1278	502	1065	419	533	209
3072	Beaver Gray-VY LT	3175	1249	2646	1041	1323	521
3346	Hunter Green	342	133	285	111	143	56
3348	Yellow Green-LT	556	218	464	182	232	91
3362	Pine Green-DK	362	142	302	119	151	59
3363	Pine Green-MD	383	149	320	125	160	62
3364	Pine Green	1845	725	1538	605	769	302
3371	Black Brown	1795	706	1496	588	748	294
3721	Shell Pink-DK	331	130	276	108	138	54
3743	Antique Violet-VY LT	211	83	176	69	88	35
3753	Antique Blue-UL VY LT	657	257	548	215	274	107
3756	Baby Blue-UL VY LT	3951	1555	3293	1296	1646	648
3772	Desert Sand-VY DK	1557	612	1298	510	649	255
3778	Terra Cotta-LT	47	18	39	15	20	8
3782	Mocha Brown-LT	835	328	696	273	348	137
3787	Brown Gray -DK	1521	598	1268	498	634	249
3790	Beige Gray-UL DK	1807	711	1506	593	753	296
3799	Pewter Gray -VY DK	131	50	110	42	55	21
3813	Blue Green-LT	1125	443	938	369	469	185
3828	Hazelnut Brown	252	99	210	83	105	41
3830	Terra Cotta-MD	580	227	483	189	242	95
3856	Mahogany-UL VY LT	279	110	233	92	116	46
3857	Rosewood-DK	1764	693	1470	578	735	289
3860	Cocoa	374	146	312	122	156	61
3861	Cocoa-LT	535	209	446	174	223	87
3862	Mocha Beige-DK	1233	484	1028	404	514	202
3863	Mocha Beige-MD	2318	913	1932	761	966	380
3864	Mocha Beige-LT	583	229	486	191	243	95
3865	Winter White	1035	407	863	339	431	170
3866	Mocha Brown-UL VY LT	3127	1229	2606	1025	1303	512
ecru	Ecru	5675	2234	4730	1862	2365	931

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
223	Shell Pink-LT	184	72	177	69	171	67
224	Shell Pink-VY LT	78	30	75	29	72	28
300	Mahogany-VY DK	35	13	33	12	32	12
353	Peach	58	22	55	21	53	21
355	Terra Cotta-DK	132	52	127	50	122	48
356	Terra Cotta-MD	188	73	181	71	174	68
369	Pistachio Green-VY LT	1356	534	1304	513	1256	494
370	Mustard-MD	361	142	348	136	335	131
371	Mustard	1139	448	1095	431	1055	415
372	Mustard-LT	1185	467	1140	449	1097	432
407	Desert Sand-DK	203	80	195	77	188	74
413	Pewter Gray -DK	83	32	80	31	77	30
415	Pearl Gray	683	269	657	258	633	249
420	Hazelnut Brown-DK	315	124	303	119	292	115
422	Hazelnut Brown-LT	428	168	411	161	396	155
435	Brown-VY LT	17	6	16	6	15	6
451	Shell Gray-DK	112	44	108	42	104	41
452	Shell Gray-MD	178	70	171	67	165	65
453	Shell Gray-LT	701	276	674	265	649	255
503	Blue Green-MD	83	32	80	31	77	30
522	Fern Green	266	104	255	100	246	97

523	Fern Green-LT	813	320	782	307	753	296
524	Fern Green-VY LT	1488	585	1431	563	1378	542
543	Beige Brown-UL VY LT	177	69	170	66	164	64
563	Jade-LT	254	99	244	96	235	92
610	Drab Brown-DK	502	197	483	190	465	183
611	Drab Brown	817	321	786	309	757	297
612	Drab Brown-LT	428	168	411	161	396	155
613	Drab Brown-VY LT	1385	545	1332	524	1283	505
632	Desert Sand-UL VY DK	1056	415	1016	399	978	385
640	Beige Gray-VY DK	543	213	522	205	503	197
642	Beige Gray-DK	379	149	365	143	351	138
644	Beige Gray-MD	191	75	183	72	177	69
645	Beaver Gray-VY DK	351	138	338	133	325	128
646	Beaver Gray-DK	263	103	253	99	243	95
647	Beaver Gray-MD	268	105	258	101	248	97
648	Beaver Gray-LT	208	81	200	78	193	75
712	Cream	3756	1478	3611	1421	3477	1369
734	Olive Green-LT	197	77	190	74	183	71
738	Tan-VY LT	575	226	553	217	533	209
739	Tan-UL VY LT	227	89	218	86	210	83
746	Off White	1120	441	1077	424	1037	408
758	Terra Cotta-VY LT	118	46	114	44	109	43
762	Pearl Gray-VY LT	75	29	72	28	69	27
772	Yellow Green-VY LT	215	84	206	81	199	78
801	Coffee Brown-DK	243	96	234	92	225	89
822	Beige Gray-LT	431	169	415	163	399	157
838	Beige Brown-VY DK	681	268	655	258	631	248
839	Beige Brown-DK	973	383	936	368	901	355
841	Beige Brown-LT	140	55	135	53	130	51
898	Coffee Brown-VY DK	228	89	219	86	211	83
926	Gray Green-MD	46	18	44	17	43	17
927	Gray Green-LT	343	135	330	129	318	125
928	Gray Green-VY LT	824	324	792	312	763	300
935	Avocado Green-DK	58	22	56	21	54	21
938	Coffee Brown-UL DK	795	312	764	300	736	289
955	Nile Green-LT	3092	1217	2973	1170	2863	1127
3013	Khaki Green-LT	593	233	570	224	549	216
3021	Brown Gray -VY DK	396	156	381	150	367	144
3022	Brown Gray -MD	318	125	305	120	294	115
3024	Brown Gray -VY LT	525	207	505	199	486	191
3032	Mocha Brown-MD	482	189	464	182	447	175
3045	Yellow Beige-DK	334	131	321	126	309	121
3047	Yellow Beige-LT	469	184	451	177	434	171
3051	Green Gray-DK	144	56	138	54	133	52
3052	Green Gray-MD	738	290	710	279	683	269
3053	Green Gray	254	99	244	96	235	92
3064	Desert Sand	511	201	492	193	473	186
3072	Beaver Gray-VY LT	1270	500	1221	480	1176	463
3346	Hunter Green	137	53	132	51	127	49
3348	Yellow Green-LT	222	87	214	84	206	81
3362	Pine Green-DK	145	57	139	55	134	53
3363	Pine Green-MD	153	60	147	57	142	55
3364	Pine Green	738	290	710	279	683	269
3371	Black Brown	718	282	690	271	665	261
3721	Shell Pink-DK	132	52	127	50	123	48
3743	Antique Violet-VY LT	84	33	81	32	78	31
3753	Antique Blue-UL VY LT	263	103	253	99	243	95
3756	Baby Blue-UL VY LT	1580	622	1520	598	1463	576
3772	Desert Sand-VY DK	623	245	599	235	577	227

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3778	Terra Cotta-LT	19	7	18	7	17	7
3782	Mocha Brown-LT	334	131	321	126	309	121
3787	Brown Gray -DK	608	239	585	230	563	221
3790	Beige Gray-UL DK	723	284	695	273	669	263
3799	Pewter Gray-VY DK	53	20	51	19	49	19
3813	Blue Green-LT	450	177	433	170	417	164
3828	Hazelnut Brown	101	40	97	38	93	37
3830	Terra Cotta-MD	232	91	223	87	215	84
3856	Mahogany-UL VY LT	112	44	107	42	103	41
3857	Rosewood-DK	706	277	678	267	653	257
3860	Cocoa	150	58	144	56	139	54
3861	Cocoa-LT	214	84	206	80	198	77
3862	Mocha Beige-DK	493	194	474	186	457	179
3863	Mocha Beige-MD	927	365	892	351	859	338
3864	Mocha Beige-LT	233	91	224	88	216	85
3865	Winter White	414	163	398	156	383	151
3866	Mocha Brown-UL VY LT	1251	492	1203	473	1158	455
ecru	Ecru	2270	894	2183	859	2102	827

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
223	Shell Pink-LT	165	64	154	60	144	56
224	Shell Pink-VY LT	69	27	65	25	61	24
300	Mahogany-VY DK	31	12	29	11	27	10
353	Peach	51	20	48	19	45	17
355	Terra Cotta-DK	118	46	110	43	103	41
356	Terra Cotta-MD	168	66	157	61	147	57
369	Pistachio Green-VY LT	1211	476	1130	445	1060	417
370	Mustard-MD	323	127	301	118	282	111
371	Mustard	1017	400	949	373	890	350
372	Mustard-LT	1058	417	988	389	926	365
407	Desert Sand-DK	181	71	169	67	159	62
413	Pewter Gray -DK	74	29	69	27	65	25
415	Pearl Gray	610	240	569	224	534	210
420	Hazelnut Brown-DK	282	111	263	103	246	97
422	Hazelnut Brown-LT	382	150	356	140	334	131
435	Brown-VY LT	15	6	14	5	13	5
451	Shell Gray-DK	100	39	94	37	88	34
452	Shell Gray-MD	159	62	148	58	139	55
453	Shell Gray-LT	626	246	584	230	548	215
503	Blue Green-MD	74	29	69	27	65	25
522	Fern Green	237	93	221	87	208	82
523	Fern Green-LT	726	285	677	266	635	250
524	Fern Green-VY LT	1329	523	1240	488	1163	457
543	Beige Brown-UL VY LT	158	62	148	58	138	54
563	Jade-LT	227	89	212	83	199	78
610	Drab Brown-DK	448	176	418	164	392	154
611	Drab Brown	730	287	681	268	638	251
612	Drab Brown-LT	382	150	356	140	334	131
613	Drab Brown-VY LT	1237	487	1154	454	1082	426
632	Desert Sand-UL VY DK	943	371	880	346	825	325
640	Beige Gray-VY DK	485	190	452	178	424	167
642	Beige Gray-DK	339	133	316	124	296	116
644	Beige Gray-MD	170	67	159	62	149	59
645	Beaver Gray-VY DK	314	123	293	115	275	108
646	Beaver Gray-DK	235	92	219	86	205	80

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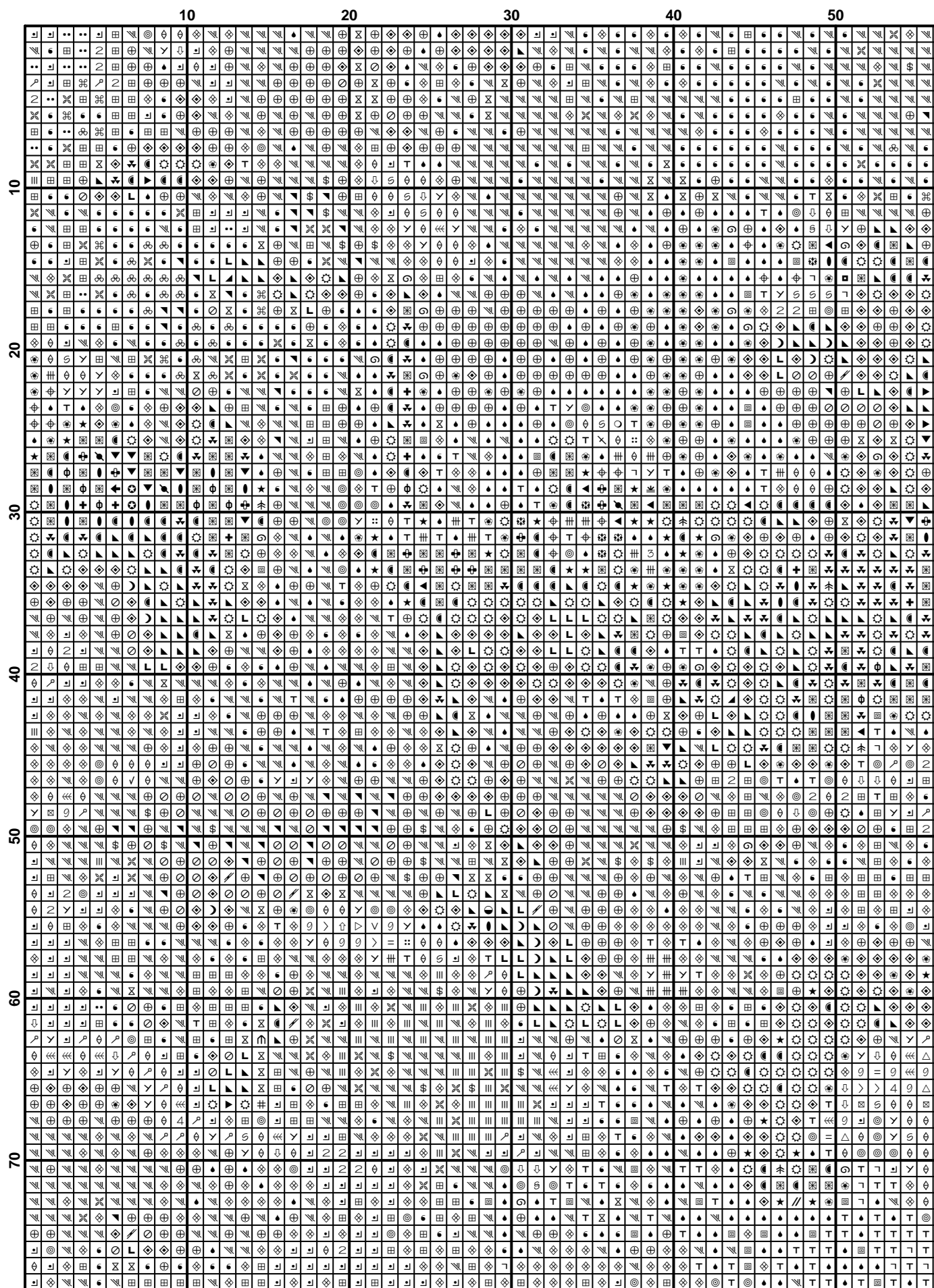
647	Beaver Gray-MD	239	94	223	88	209	82
648	Beaver Gray-LT	186	73	173	68	163	64
712	Cream	3353	1320	3130	1232	2934	1155
734	Olive Green-LT	176	69	164	64	154	60
738	Tan-VY LT	514	202	479	188	449	177
739	Tan-UL VY LT	203	80	189	74	177	70
746	Off White	1000	393	934	367	875	344
758	Terra Cotta-VY LT	105	41	98	38	92	36
762	Pearl Gray-VY LT	67	26	62	24	59	23
772	Yellow Green-VY LT	192	75	179	70	168	66
801	Coffee Brown-DK	217	86	203	80	190	75
822	Beige Gray-LT	385	151	359	141	337	132
838	Beige Brown-VY DK	608	239	568	223	532	209
839	Beige Brown-DK	869	342	811	319	761	299
841	Beige Brown-LT	125	49	117	46	110	43
898	Coffee Brown-VY DK	204	80	190	74	178	70
926	Gray Green-MD	41	16	38	15	36	14
927	Gray Green-LT	307	120	286	112	268	105
928	Gray Green-VY LT	735	289	686	270	644	253
935	Avocado Green-DK	52	20	49	19	46	17
938	Coffee Brown-UL DK	710	279	662	260	621	244
955	Nile Green-LT	2761	1086	2577	1014	2416	951
3013	Khaki Green-LT	530	208	494	194	464	182
3021	Brown Gray -VY DK	354	139	330	130	309	122
3022	Brown Gray -MD	284	111	265	104	248	97
3024	Brown Gray -VY LT	469	185	437	172	410	161
3032	Mocha Brown-MD	431	169	402	158	377	148
3045	Yellow Beige-DK	298	117	278	109	261	102
3047	Yellow Beige-LT	419	165	391	154	366	144
3051	Green Gray-DK	129	50	120	47	113	44
3052	Green Gray-MD	659	259	615	242	577	227
3053	Green Gray	227	89	212	83	199	78
3064	Desert Sand	456	179	426	167	399	157
3072	Beaver Gray-VY LT	1134	446	1058	416	992	390
3346	Hunter Green	122	48	114	44	107	42
3348	Yellow Green-LT	199	78	185	73	174	68
3362	Pine Green-DK	129	51	121	47	113	44
3363	Pine Green-MD	137	53	128	50	120	47
3364	Pine Green	659	259	615	242	577	227
3371	Black Brown	641	252	598	235	561	221
3721	Shell Pink-DK	118	46	110	43	104	41
3743	Antique Violet-VY LT	75	30	70	28	66	26
3753	Antique Blue-UL VY LT	235	92	219	86	205	80
3756	Baby Blue-UL VY LT	1411	555	1317	518	1235	486
3772	Desert Sand-VY DK	556	219	519	204	487	191
3778	Terra Cotta-LT	17	6	16	6	15	6
3782	Mocha Brown-LT	298	117	278	109	261	102
3787	Brown Gray -DK	543	213	507	199	475	187
3790	Beige Gray-UL DK	645	254	602	237	565	222
3799	Pewter Gray-VY DK	47	18	44	17	41	16
3813	Blue Green-LT	402	158	375	148	352	138
3828	Hazelnut Brown	90	35	84	33	79	31
3830	Terra Cotta-MD	207	81	193	76	181	71
3856	Mahogany-UL VY LT	100	39	93	37	87	34
3857	Rosewood-DK	630	248	588	231	551	217
3860	Cocoa	134	52	125	49	117	46
3861	Cocoa-LT	191	75	178	70	167	65
3862	Mocha Beige-DK	440	173	411	161	385	151
3863	Mocha Beige-MD	828	326	773	304	725	285

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3864	Mocha Beige-LT	208	82	194	76	182	71
3865	Winter White	370	145	345	136	323	127
3866	Mocha Brown-UL VY LT	1117	439	1042	410	977	384
ecru	Ecru	2027	798	1892	745	1774	698



[illegible]

(18)

[illegible]

$$(19) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds + \frac{1}{\Gamma(\alpha)} \int_t^\infty (t-s)^{\alpha-1} f(s) ds$$

	270	280	290	300	310	320
10	...	...	...	...	...	...
20	...	...	...	...	...	...
30	...	...	...	...	...	...
40	...	...	...	...	...	...
50	...	...	...	...	...	...
60	...	...	...	...	...	...
70	...	...	...	...	...	...

	320	330	340	350	360	370
10	...	...	...	...	...	...
20	...	...	...	...	...	...
30	...	...	...	...	...	...
40	...	...	...	...	...	...
50	...	...	...	...	...	...
60	...	...	...	...	...	...
70	...	...	...	...	...	...

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

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

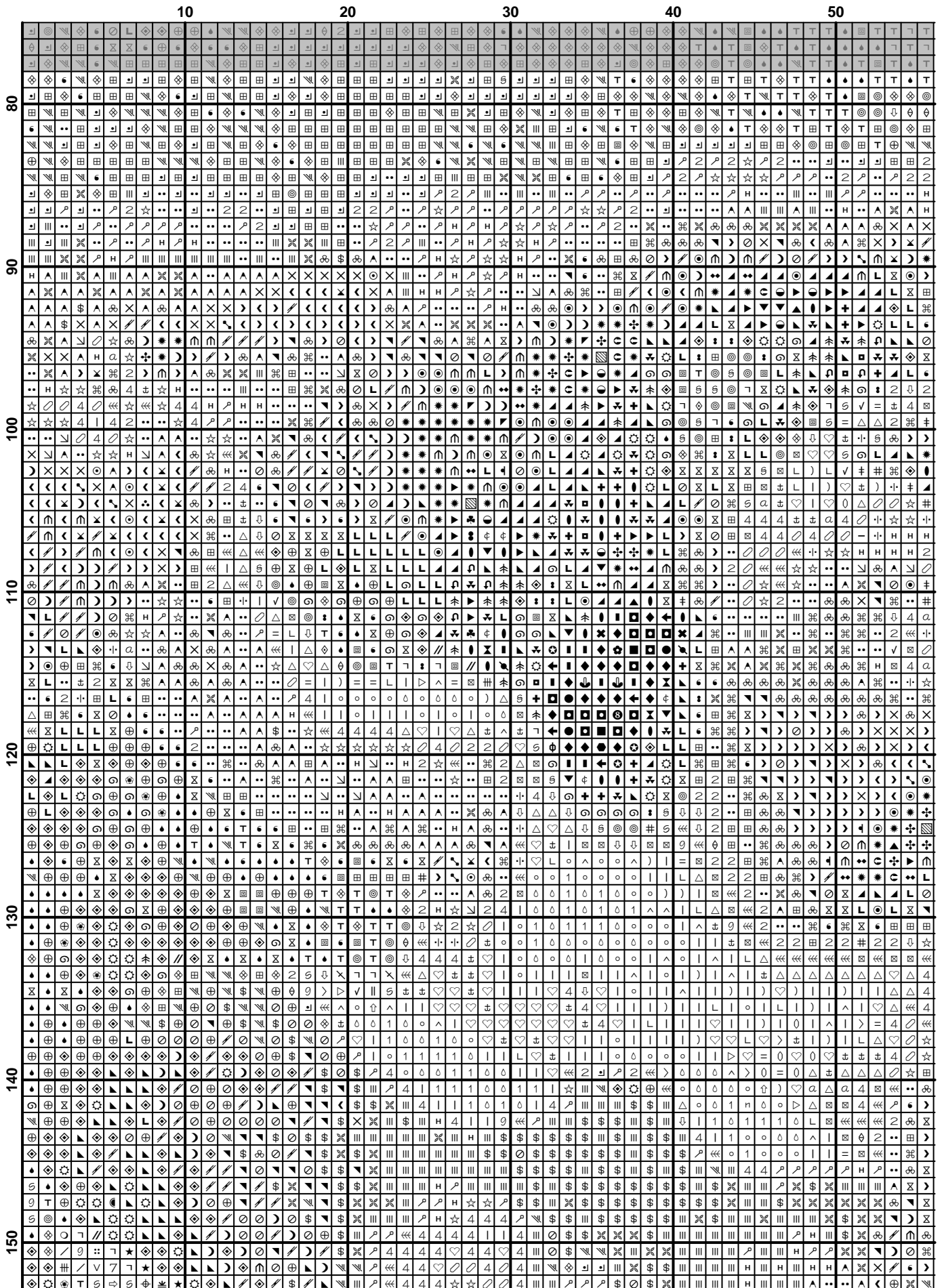
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$$(25) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (26)$$

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

[illegible]

(28)



[illegible]

	110	120	130	140	150	160
80	...	...	...	...	...	...
90	...	...	...	...	...	...
100	...	...	...	...	...	...
110	...	...	...	...	...	...
120	...	...	...	...	...	...
130	...	...	...	...	...	...
140	...	...	...	...	...	...
150	...	...	...	...	...	...

	160	170	180	190	200	210
80	+	+	+	+	+	+
81	+	+	+	+	+	+
82	+	+	+	+	+	+
83	+	+	+	+	+	+
84	+	+	+	+	+	+
85	+	+	+	+	+	+
86	+	+	+	+	+	+
87	+	+	+	+	+	+
88	+	+	+	+	+	+
89	+	+	+	+	+	+
90	+	+	+	+	+	+
91	+	+	+	+	+	+
92	+	+	+	+	+	+
93	+	+	+	+	+	+
94	+	+	+	+	+	+
95	+	+	+	+	+	+
96	+	+	+	+	+	+
97	+	+	+	+	+	+
98	+	+	+	+	+	+
99	+	+	+	+	+	+
100	+	+	+	+	+	+
101	+	+	+	+	+	+
102	+	+	+	+	+	+
103	+	+	+	+	+	+
104	+	+	+	+	+	+
105	+	+	+	+	+	+
106	+	+	+	+	+	+
107	+	+	+	+	+	+
108	+	+	+	+	+	+
109	+	+	+	+	+	+
110	+	+	+	+	+	+
111	+	+	+	+	+	+
112	+	+	+	+	+	+
113	+	+	+	+	+	+
114	+	+	+	+	+	+
115	+	+	+	+	+	+
116	+	+	+	+	+	+
117	+	+	+	+	+	+
118	+	+	+	+	+	+
119	+	+	+	+	+	+
120	+	+	+	+	+	+
121	+	+	+	+	+	+
122	+	+	+	+	+	+
123	+	+	+	+	+	+
124	+	+	+	+	+	+
125	+	+	+	+	+	+
126	+	+	+	+	+	+
127	+	+	+	+	+	+
128	+	+	+	+	+	+
129	+	+	+	+	+	+
130	+	+	+	+	+	+
131	+	+	+	+	+	+
132	+	+	+	+	+	+
133	+	+	+	+	+	+
134	+	+	+	+	+	+
135	+	+	+	+	+	+
136	+	+	+	+	+	+
137	+	+	+	+	+	+
138	+	+	+	+	+	+
139	+	+	+	+	+	+
140	+	+	+	+	+	+
141	+	+	+	+	+	+
142	+	+	+	+	+	+
143	+	+	+	+	+	+
144	+	+	+	+	+	+
145	+	+	+	+	+	+
146	+	+	+	+	+	+
147	+	+	+	+	+	+
148	+	+	+	+	+	+
149	+	+	+	+	+	+
150	+	+	+	+	+	+

[illegible]

	270	280	290	300	310	320
80	...	...	...	...	...	...
90	...	...	...	...	...	...
100	...	...	...	...	...	...
110	...	...	...	...	...	...
120	...	...	...	...	...	...
130	...	...	...	...	...	...
140	...	...	...	...	...	...
150	...	...	...	...	...	...

(36)

[illegible]

[illegible]

[illegible]

	530	540	550	560	570	580
	1	2	3	4	5	6
	7	8	9	10	11	12
	13	14	15	16	17	18
	19	20	21	22	23	24
	25	26	27	28	29	30
	31	32	33	34	35	36
	37	38	39	40	41	42
	43	44	45	46	47	48
	49	50	51	52	53	54
	55	56	57	58	59	60
	61	62	63	64	65	66
	67	68	69	70	71	72
	73	74	75	76	77	78
	79	80	81	82	83	84
	85	86	87	88	89	90
	91	92	93	94	95	96
	97	98	99	100	101	102
	103	104	105	106	107	108
	109	110	111	112	113	114
	115	116	117	118	119	120
	121	122	123	124	125	126
	127	128	129	130	131	132
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	139	140	141	142	143	144
	145	146	147	148	149	150
	151	152	153	154	155	156
	157	158	159	160	161	162
	163	164	165	166	167	168
	169	170	171	172	173	174
	175	176	177	178	179	180
	181	182	183	184	185	186
	187	188	189	190	191	192
	193	194	195	196	197	198
	199	200	201	202	203	204
	205	206	207	208	209	210
	211	212	213	214	215	216
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	229	230	231	232	233	234
	235	236	237	238	239	240
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	247	248	249	250	251	252
	253	254	255	256	257	258
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	487	488	489	490	491	492
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	559	560	561	562	563	564
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	589	590	591	592	593	594
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	607	608	609	610	611	612
	613	614	615	616	617	618
	619	620	621	622	623	624
	625	626	627	628	629	630
	631	632	633	634	635	636
	637	638	639	640	641	642
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	655	656	657	658	659	660
	661	662	663	664	665	666
	667	668	669	670	671	672
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	709	710	711	712	713	714
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	757	758	759	760	761	762
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	775	776	777	778	779	780
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	829	830	831	832	833	834
	835	836	837	838	839	840
	841	842	843	844	845	846
	847	848	849	850	851	852
	853	854	855	856	857	858
	859	860	861	862	863	864
	865	866	867	868	869	870
	871	872	873	874	875	876
	877	878	879	880	881	882
	883	884	885	886	887	888
	889	890	891	892	893	894
	895	896	897	898	899	900
	901	902	903	904	905	906
	907	908	909	910	911	912
	913	914	915	916	917	918
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	955	956	957	958	959	960
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	967	968	969	970	971	972
	973	974	975	976	977	978
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	985	986	987	988	989	990
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	997	998	999	1000	1001	1002
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	1075	1076	1077	1078	1079	1080
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	1087	1088	1089	1090	1091	1092
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	1237	1238	1239	1240	1241	1242
	1243	1244	1245	1246	1247	1248
	1249	1250	1251	1252	1253	1254
	1255	1256	1257	1258	1259	1260
	1261	1262	1263	1264	1265	1266
	1267	1268	1269</			

$$(40) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds + \frac{1}{\Gamma(\alpha)} \int_t^\infty (t-s)^{\alpha-1} f(s) ds$$

[illegible]

(42)

	10	20	30	40	50
150	...	...	...	...	...
160	...	...	...	...	...
170	...	...	...	...	...
180	...	...	...	...	...
190	...	...	...	...	...
200	...	...	...	...	...
210	...	...	...	...	...
220	...	...	...	...	...

	60	70	80	90	100
150	...	...	...	...	...
160	...	...	...	...	...
170	...	...	...	...	...
180	...	...	...	...	...
190	...	...	...	...	...
200	...	...	...	...	...
210	...	...	...	...	...
220	...	...	...	...	...

150	110	120	130	140	150	160
150	160	170	180	190	200	210
220	230	240	250	260	270	280

150	160	170	180	190	200	210
150	160	170	180	190	200	210
160	170	180	190	200	210	220
170	180	190	200	210	220	230
180	190	200	210	220	230	240
190	200	210	220	230	240	250
200	210	220	230	240	250	260
210	220	230	240	250	260	270
220	230	240	250	260	270	280
230	240	250	260	270	280	290
240	250	260	270	280	290	300
250	260	270	280	290	300	310
260	270	280	290	300	310	320
270	280	290	300	310	320	330
280	290	300	310	320	330	340
290	300	310	320	330	340	350
300	310	320	330	340	350	360
310	320	330	340	350	360	370
320	330	340	350	360	370	380
330	340	350	360	370	380	390
340	350	360	370	380	390	400
350	360	370	380	390	400	410
360	370	380	390	400	410	420
370	380	390	400	410	420	430
380	390	400	410	420	430	440
390	400	410	420	430	440	450
400	410	420	430	440	450	460
410	420	430	440	450	460	470
420	430	440	450	460	470	480
430	440	450	460	470	480	490
440	450	460	470	480	490	500
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460	470	480	490	500	510	520
470	480	490	500	510	520	530
480	490	500	510	520	530	540
490	500	510	520	530	540	550
500	510	520	530	540	550	560
510	520	530	540	550	560	570
520	530	540	550	560	570	580
530	540	550	560	570	580	590
540	550	560	570	580	590	600
550	560	570	580	590	600	610
560	570	580	590	600	610	620
570	580	590	600	610	620	630
580	590	600	610	620	630	640
590	600	610	620	630	640	650
600	610	620	630	640	650	660
610	620	630	640	650	660	670
620	630	640	650	660	670	680
630	640	650	660	670	680	690
640	650	660	670	680	690	700
650	660	670	680	690	700	710
660	670	680	690	700	710	720
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680	690	700	710	720	730	740
690	700	710	720	730	740	750
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710	720	730	740	750	760	770
720	730	740	750	760	770	780
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740	750	760	770	780	790	800
750	760	770	780	790	800	810
760	770	780	790	800	810	820
770	780	790	800	810	820	830
780	790	800	810	820	830	840
790	800	810	820	830	840	850
800	810	820	830	840	850	860
810	820	830	840	850	860	870
820	830	840	850	860	870	880
830	840	850	860	870	880	890
840	850	860	870	880	890	900
850	860	870	880	890	900	910
860	870	880	890	900	910	920
870	880	890	900	910	920	930
880	890	900	910	920	930	940
890	900	910	920	930	940	950
900	910	920	930	940	950	960
910	920	930	940	950	960	970
920	930	940	950	960	970	980
930	940	950	960	970	980	990
940	950	960	970	980	990	1000

	220	230	240	250	260
150	...	...	...	...	...
160	...	...	...	...	...
170	...	...	...	...	...
180	...	...	...	...	...
190	...	...	...	...	...
200	...	...	...	...	...
210	...	...	...	...	...
220	...	...	...	...	...

[illegible]

	320	330	340	350	360	370
150	...	...	...	...	...	...
160	...	...	...	...	...	...
170	...	...	...	...	...	...
180	...	...	...	...	...	...
190	...	...	...	...	...	...
200	...	...	...	...	...	...
210	...	...	...	...	...	...
220	...	...	...	...	...	...

	380	390	400	410	420
150					
160					
170					
180					
190					
200					
210					
220					

[illegible]

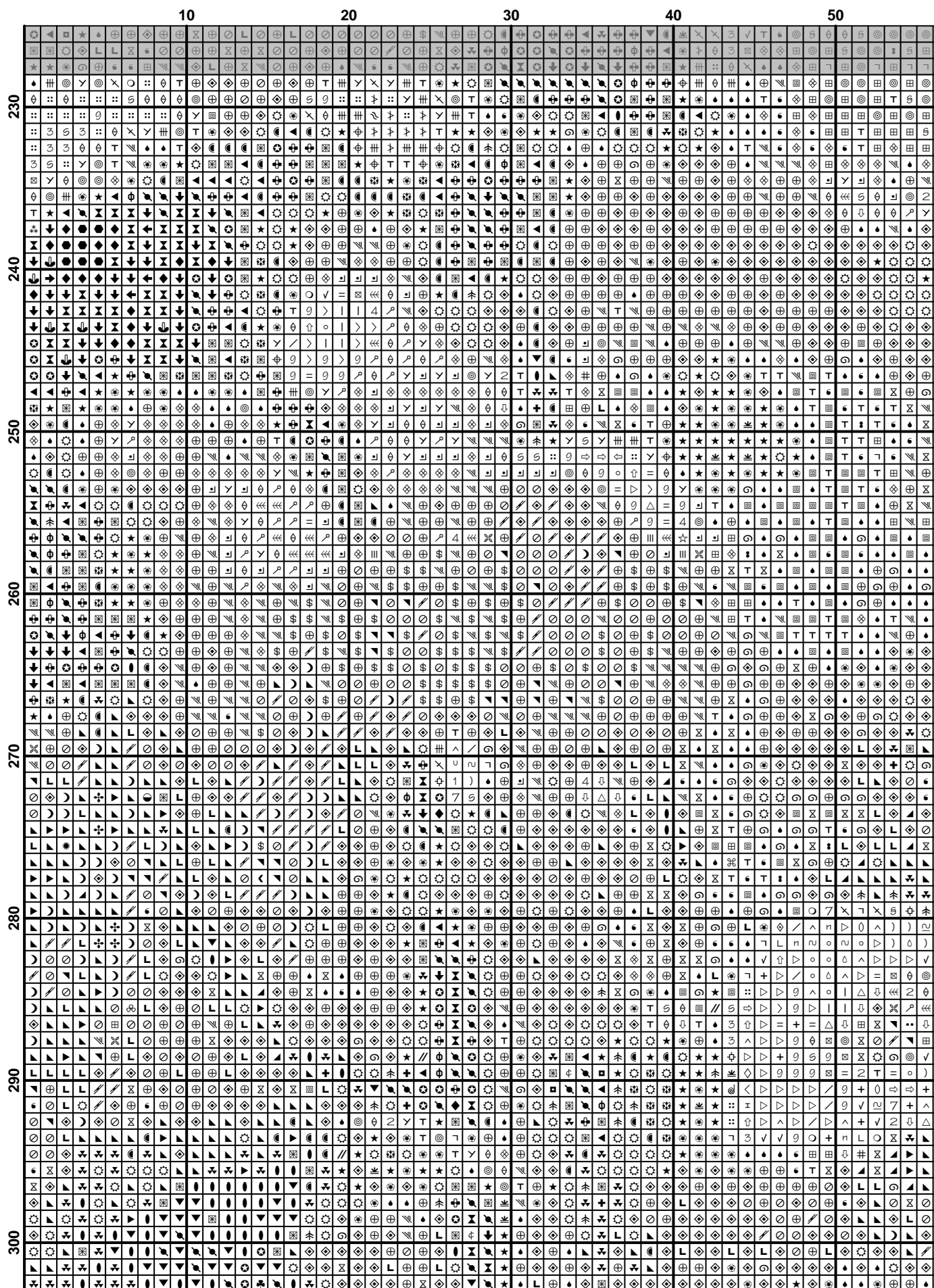
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150	o	o	o	o	o	o
160	o	o	o	o	o	o
170	o	o	o	o	o	o
180	o	o	o	o	o	o
190	o	o	o	o	o	o
200	o	o	o	o	o	o
210	o	o	o	o	o	o
220	o	o	o	o	o	o

	530	540	550	560	570	580
150	△	△	△	△	△	△
160	△	△	△	△	△	△
170	△	△	△	△	△	△
180	△	△	△	△	△	△
190	△	△	△	△	△	△
200	△	△	△	△	△	△
210	△	△	△	△	△	△
220	△	△	△	△	△	△

	590	600	610	620	630
150	...	...	...	...	...
160	...	...	...	...	...
170	...	...	...	...	...
180	...	...	...	...	...
190	...	...	...	...	...
200	...	...	...	...	...
210	...	...	...	...	...
220	...	...	...	...	...

	640	650	660	670	680	690
150	...	...	...	...	...	...
160	...	...	...	...	...	...
170	...	...	...	...	...	...
180	...	...	...	...	...	...
190	...	...	...	...	...	...
200	...	...	...	...	...	...
210	...	...	...	...	...	...
220	...	...	...	...	...	...

(56)



[illegible]

	110										120										130										140										150										160																																																																																																																																																																																																																																																																																																																																																																																	
230																																																																																																																																																																																																																																																																																																																																																																																																																																				
240																																																																																																																																																																																																																																																																																																																																																																																																																																				
250																																																																																																																																																																																																																																																																																																																																																																																																																																				
260																																																																																																																																																																																																																																																																																																																																																																																																																																				
270																																																																																																																																																																																																																																																																																																																																																																																																																																				
280																																																																																																																																																																																																																																																																																																																																																																																																																																				
290																																																																																																																																																																																																																																																																																																																																																																																																																																				
300																																																																																																																																																																																																																																																																																																																																																																																																																																				

	160	170	180	190	200	210
230						
240						
250						
260						
270						
280						
290						
300						

[illegible]

	270	280	290	300	310	320
230	...	...	...	...	...	...
240	...	...	...	...	...	...
250	...	...	...	...	...	...
260	...	...	...	...	...	...
270	...	...	...	...	...	...
280	...	...	...	...	...	...
290	...	...	...	...	...	...
300	...	...	...	...	...	...

	320	330	340	350	360	370
230						
240						
250						
260						
270						
280						
290						
300						

[illegible]

[illegible]

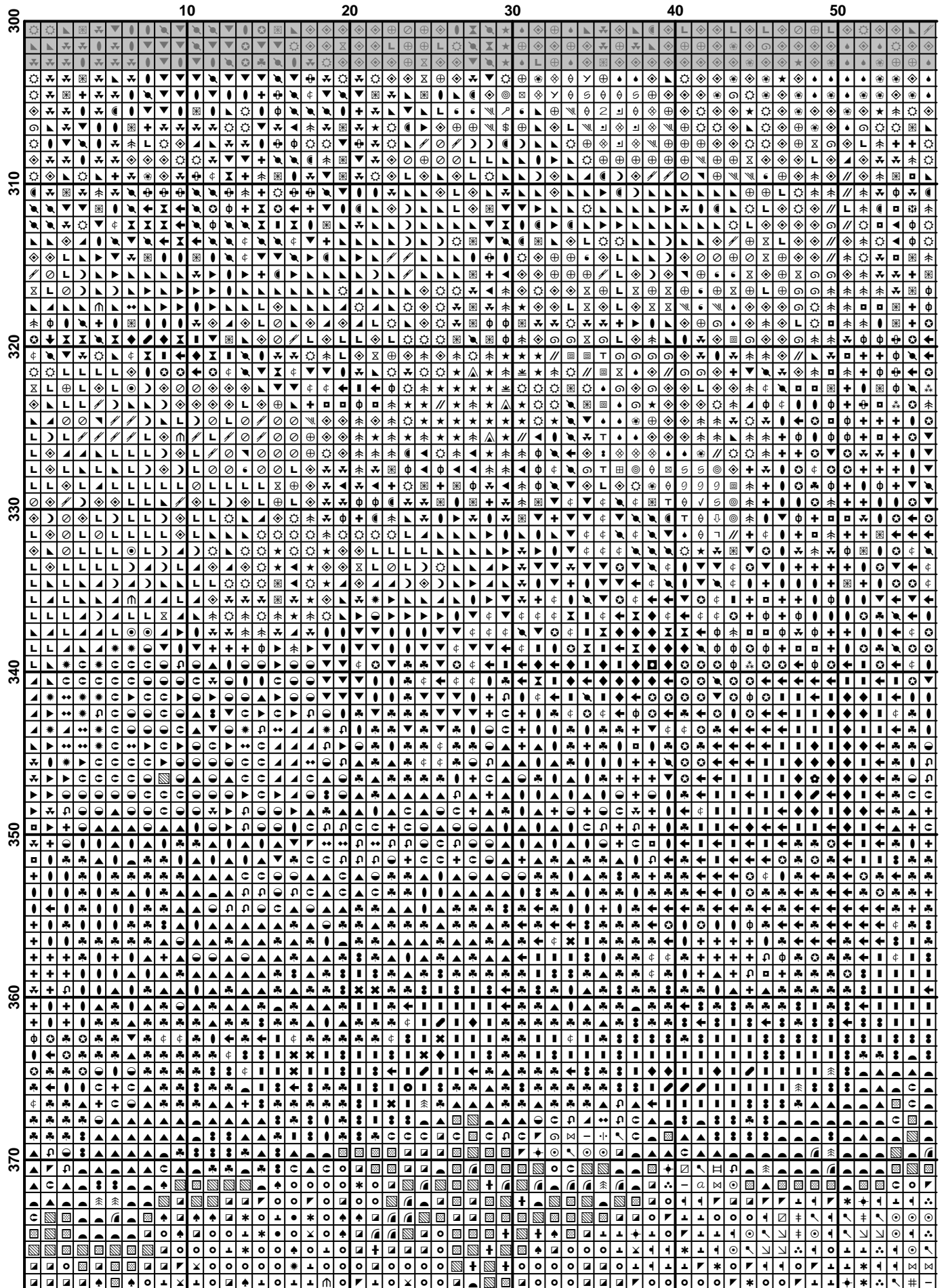
$$(66) \quad \begin{aligned} & \text{[The } \langle \text{N} \rangle \text{ is a } \langle \text{N} \rangle \text{]} \\ & \text{[The } \langle \text{N} \rangle \text{ is a } \langle \text{N} \rangle \text{]} \end{aligned} \quad (67)$$

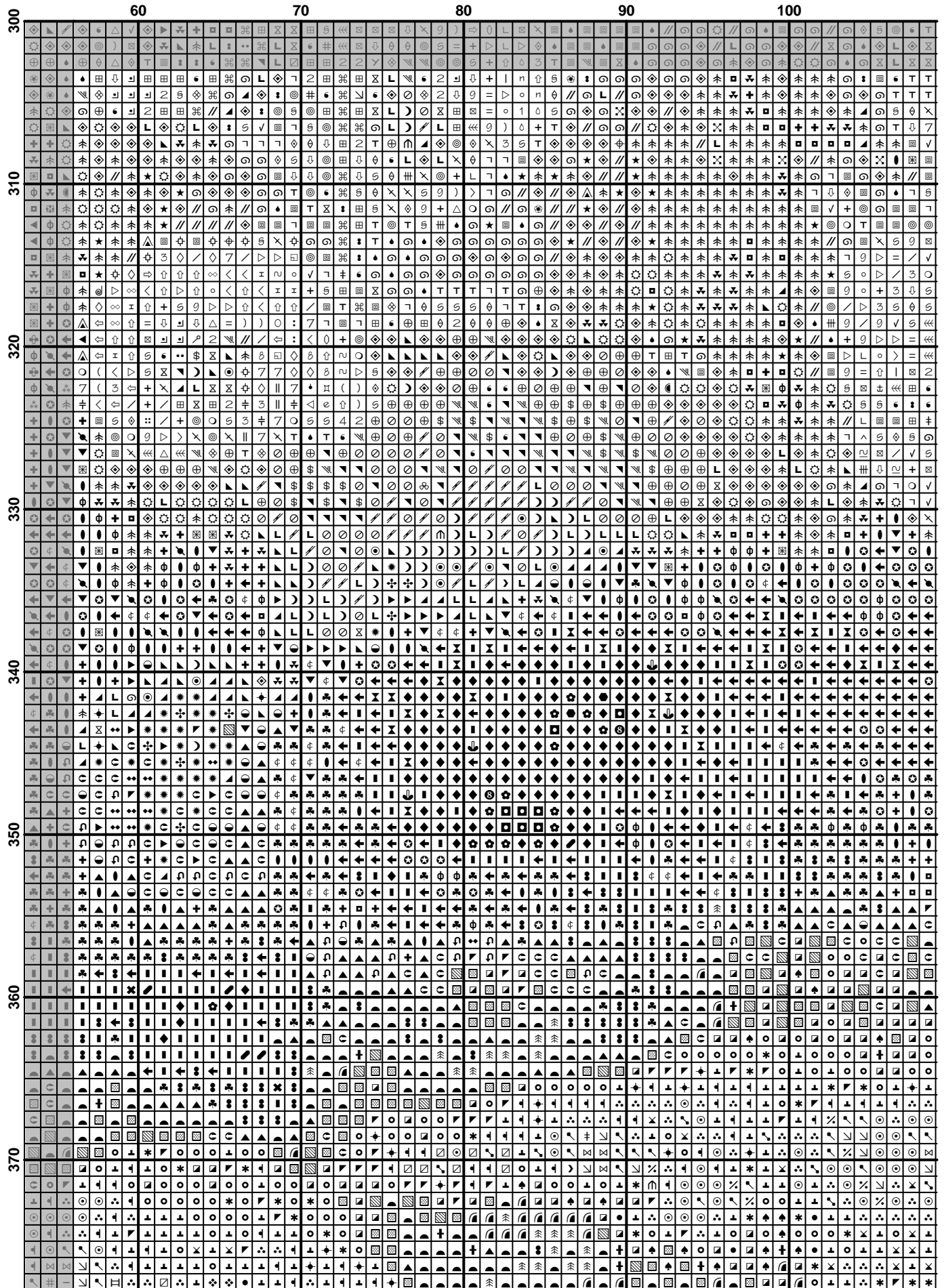
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240	...	...	...	...	...	...
250	...	...	...	...	...	...
260	...	...	...	...	...	...
270	...	...	...	...	...	...
280	...	...	...	...	...	...
290	...	...	...	...	...	...
300	...	...	...	...	...	...

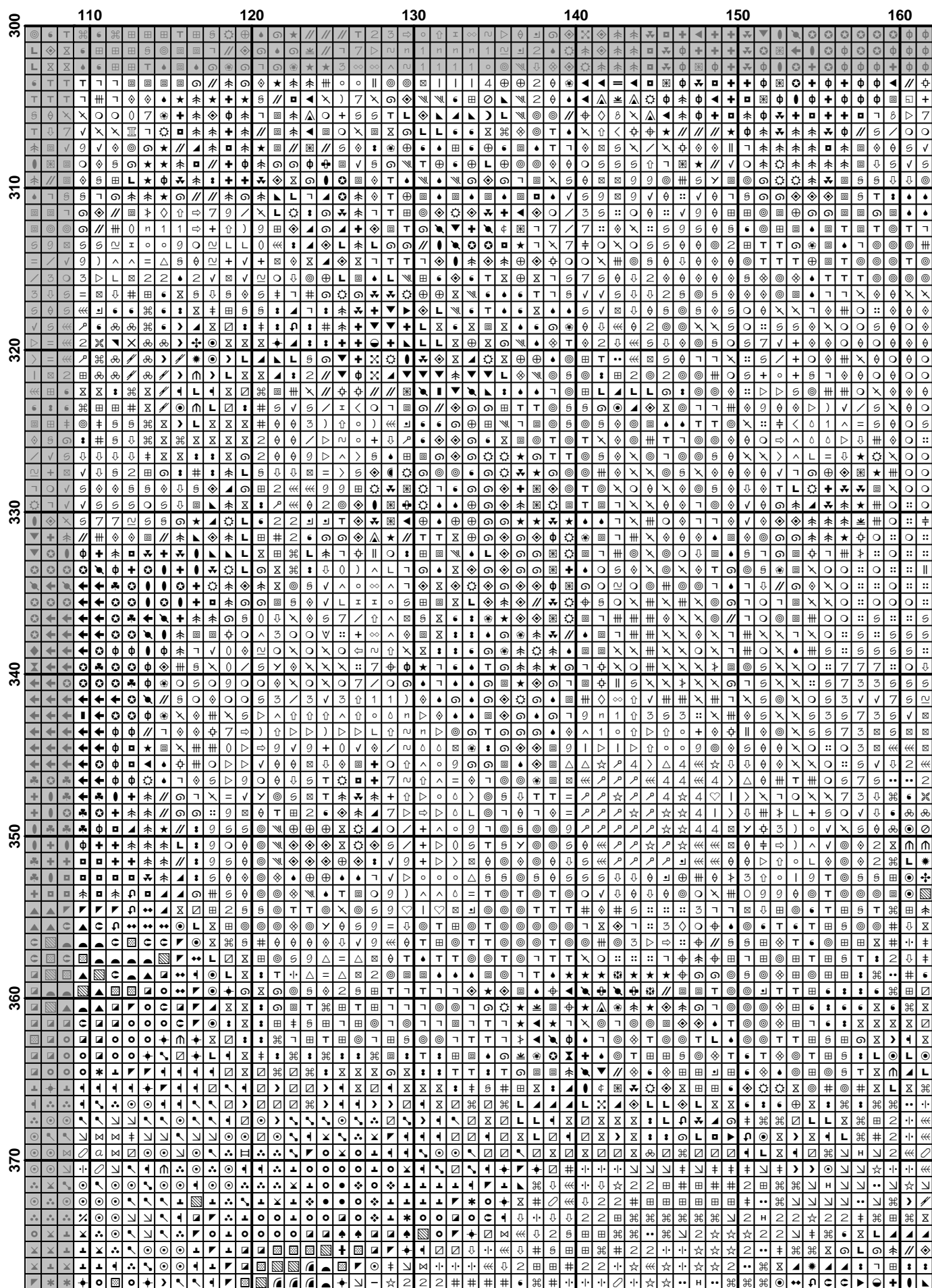
$$(68) \quad \begin{aligned} & \text{[The } \langle \text{N} \rangle \text{ is a } \langle \text{N} \rangle \text{]} \\ & \text{[The } \langle \text{N} \rangle \text{ is a } \langle \text{N} \rangle \text{]} \end{aligned} \quad (69)$$

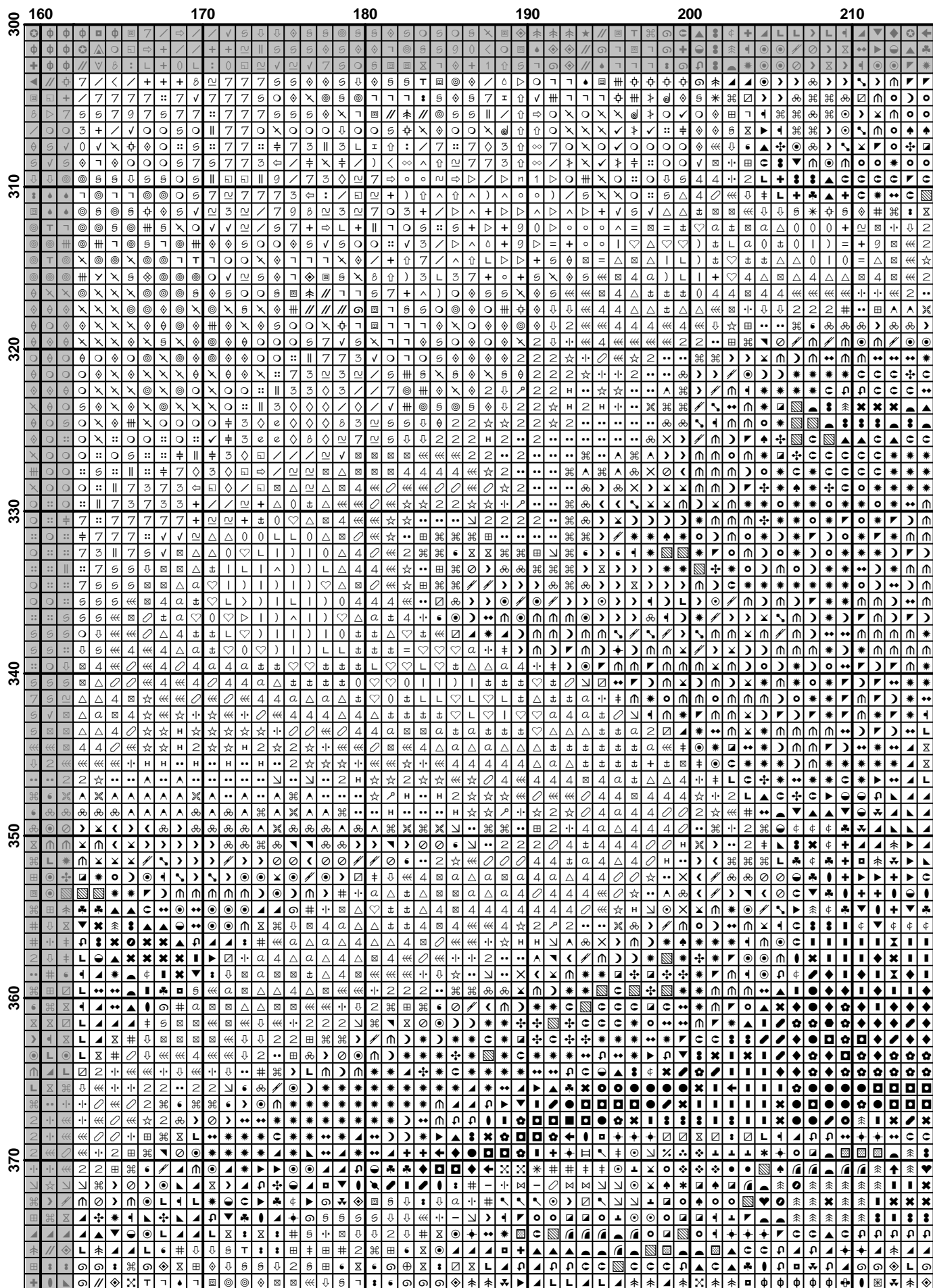
[illegible]

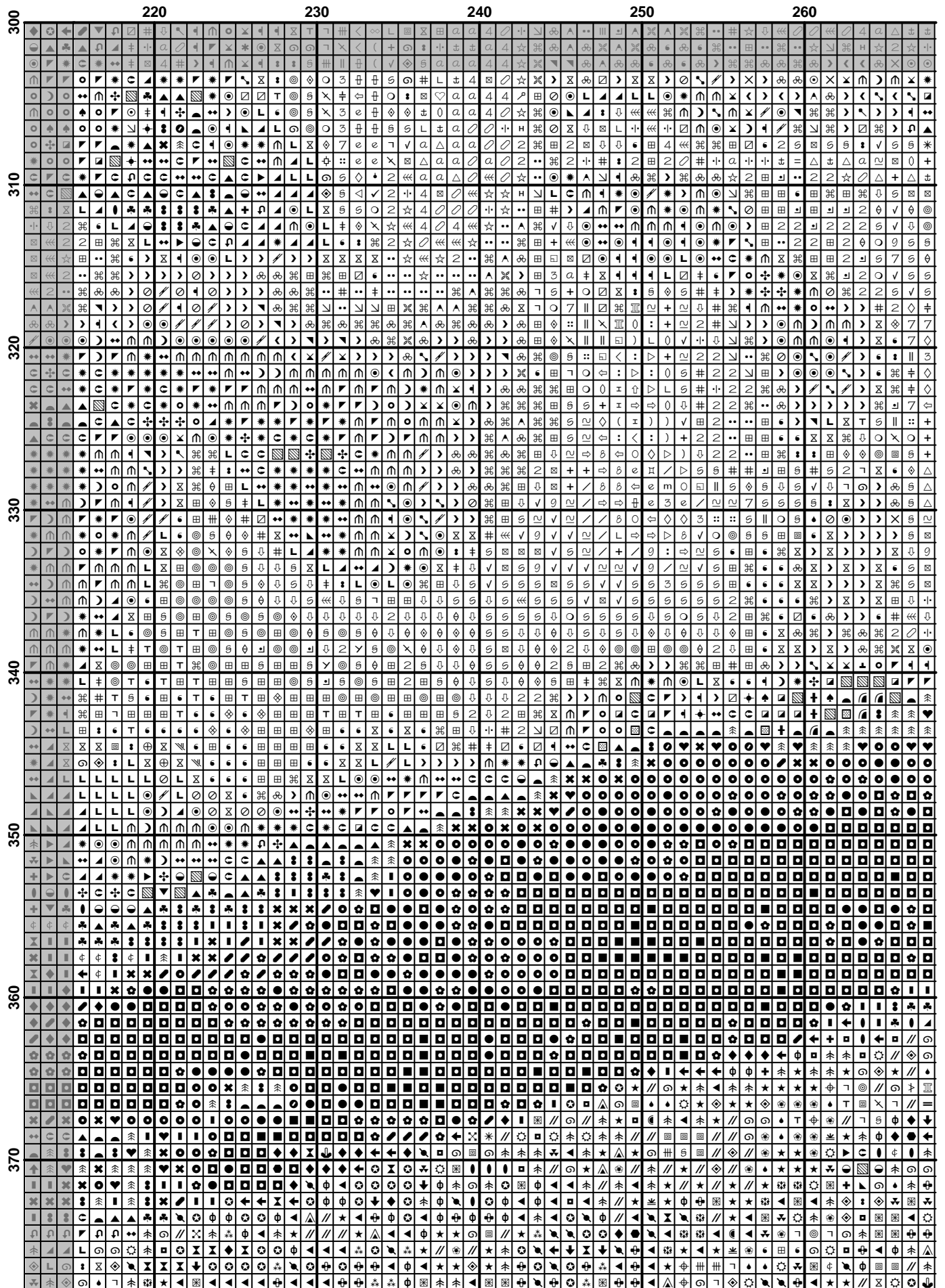
(70)

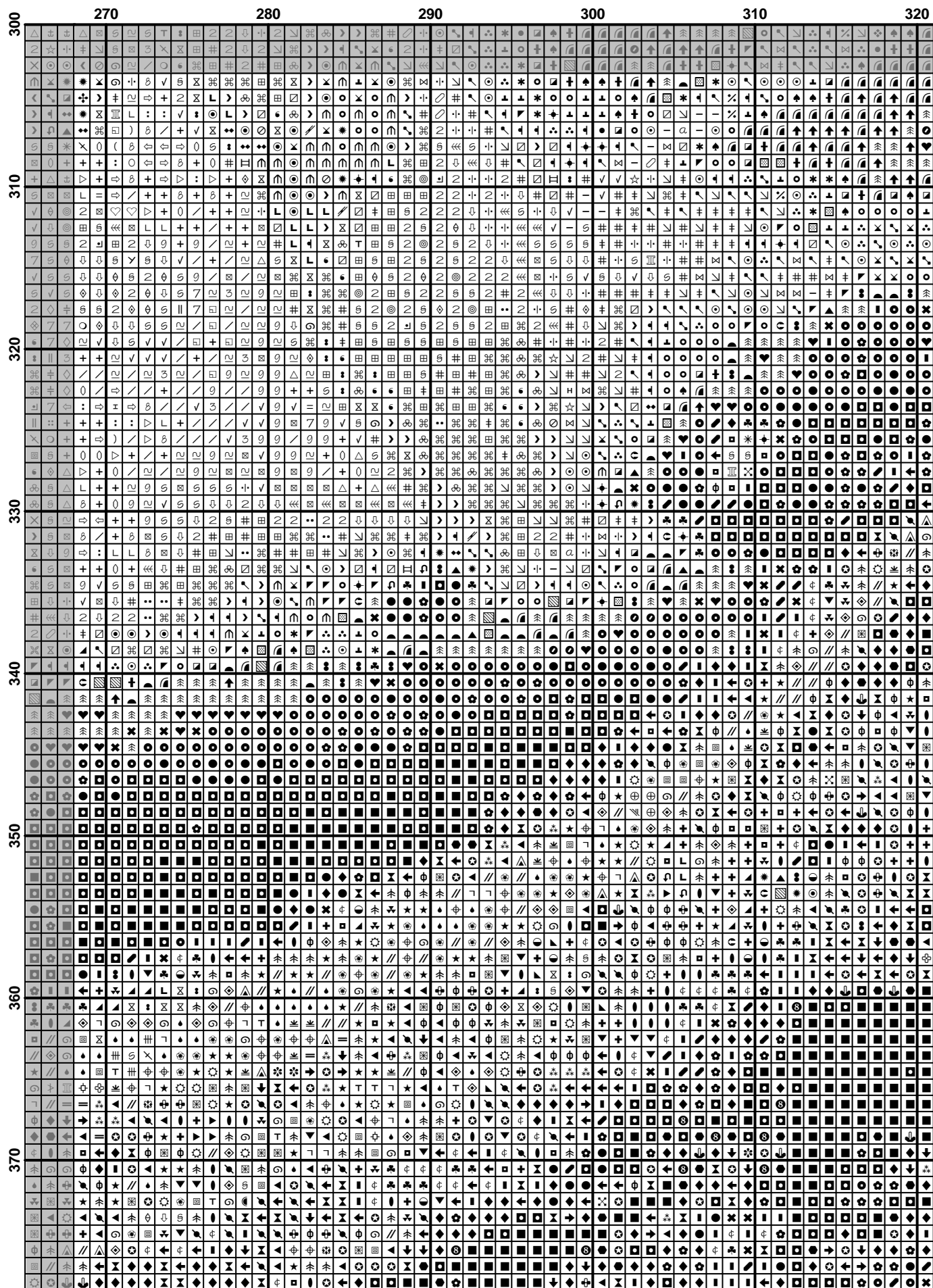


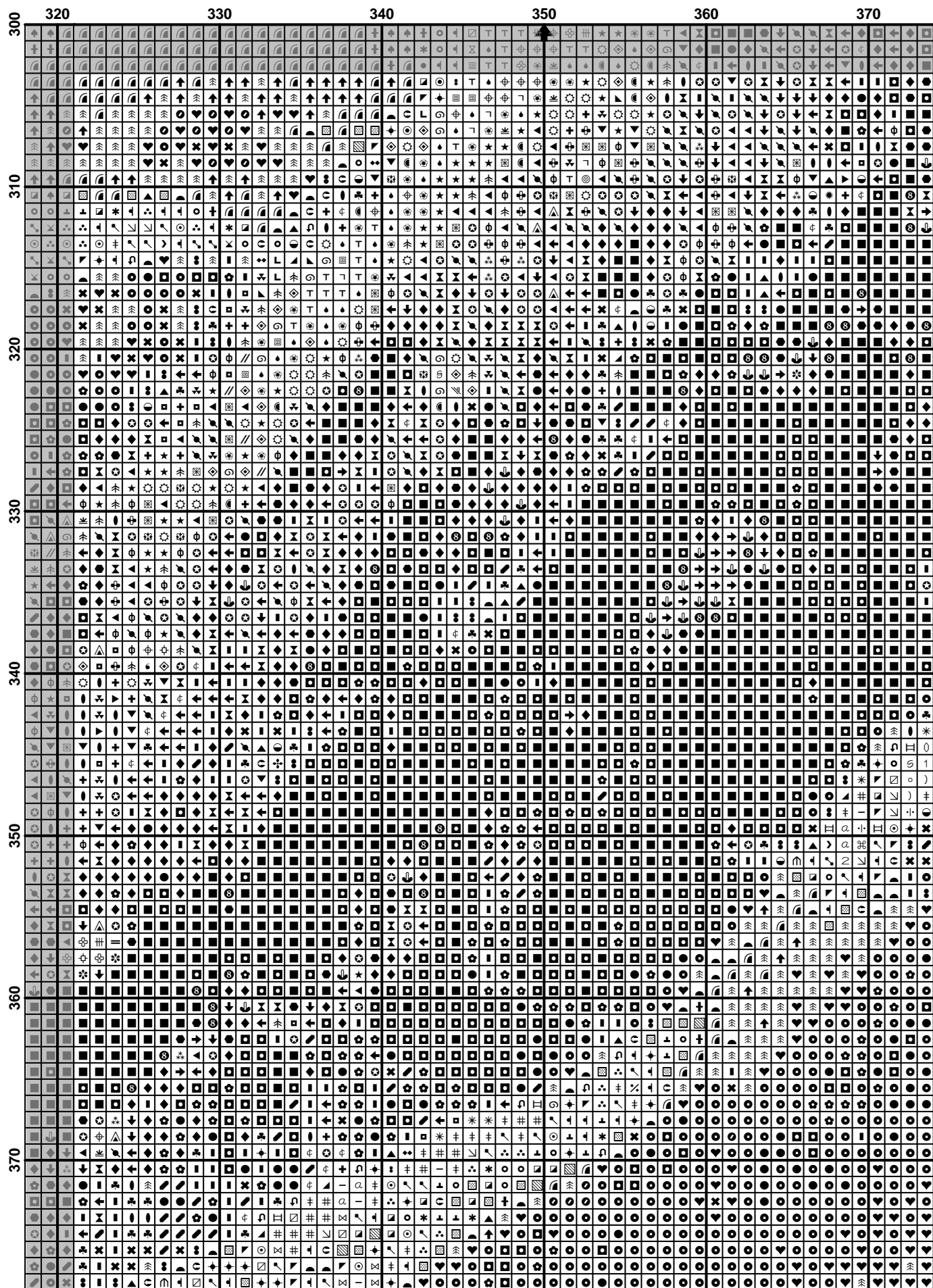


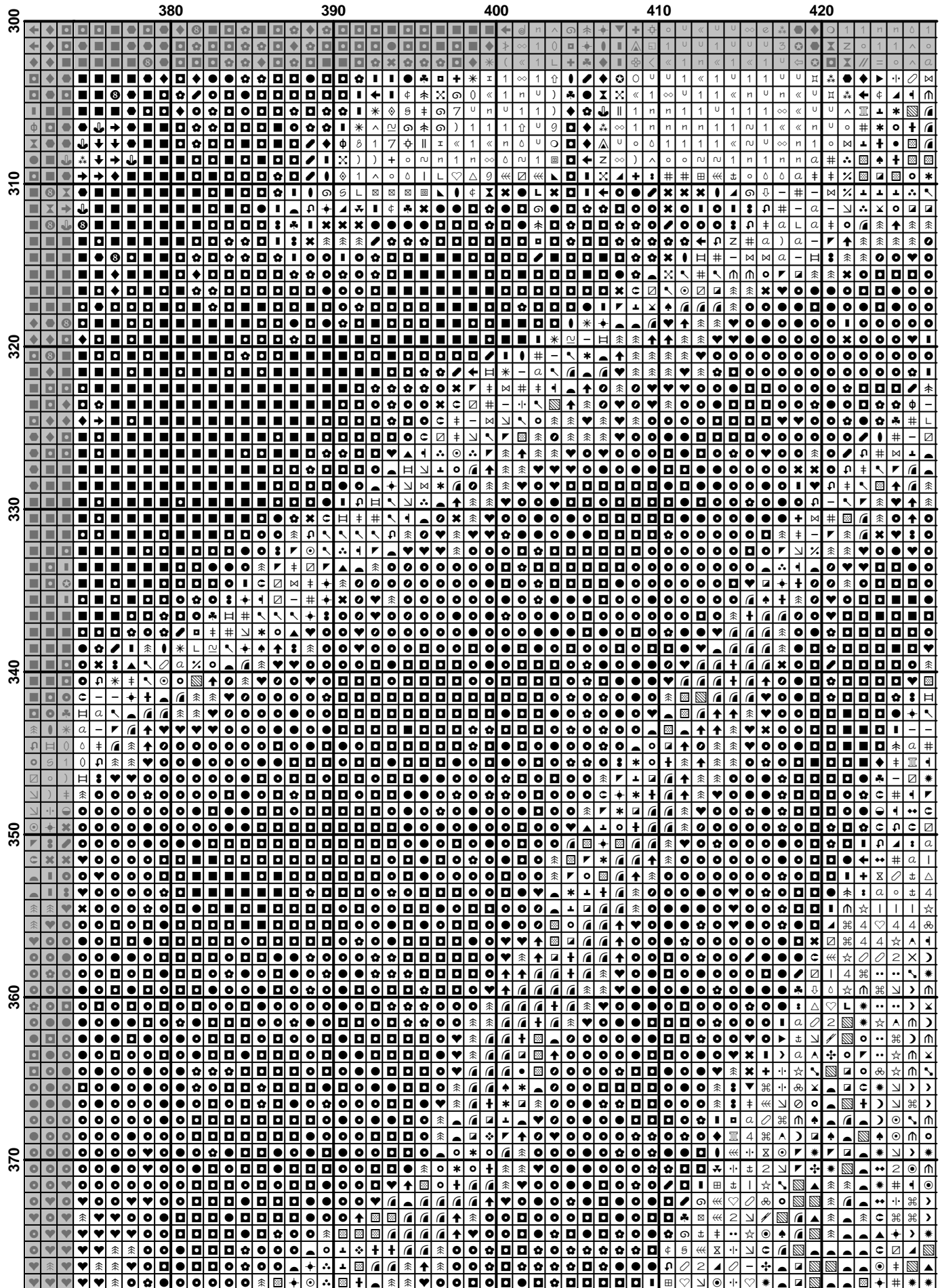


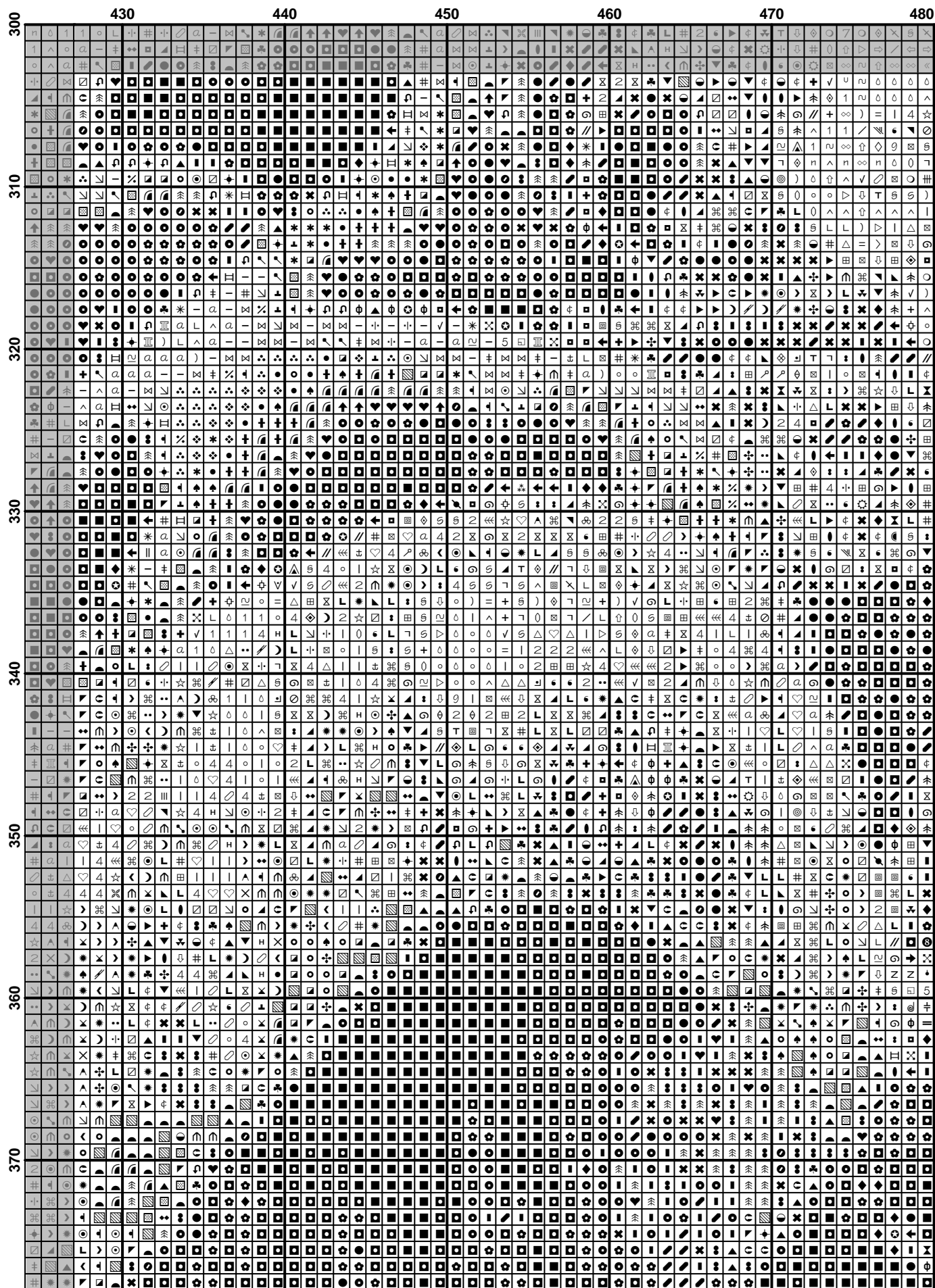






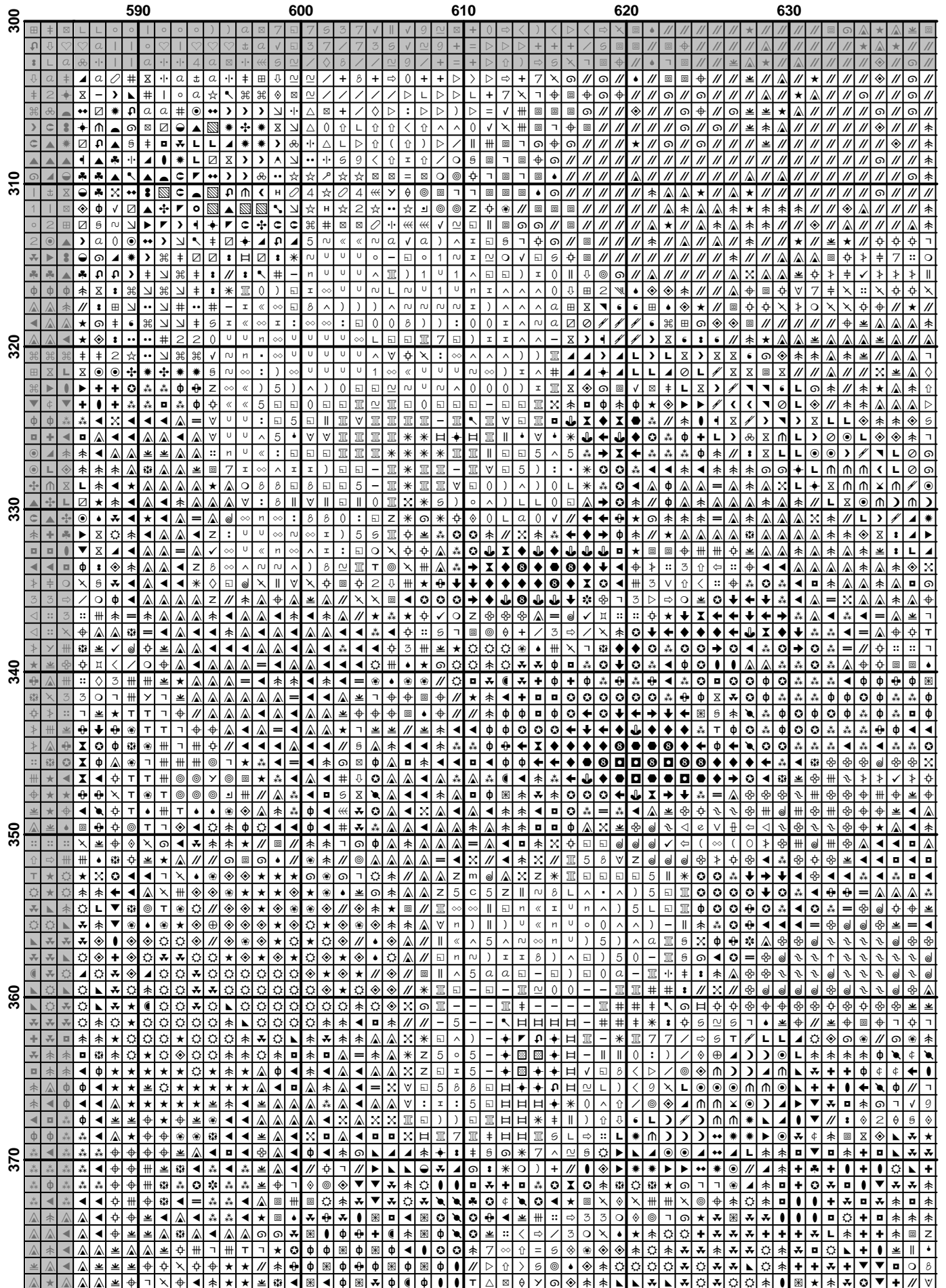


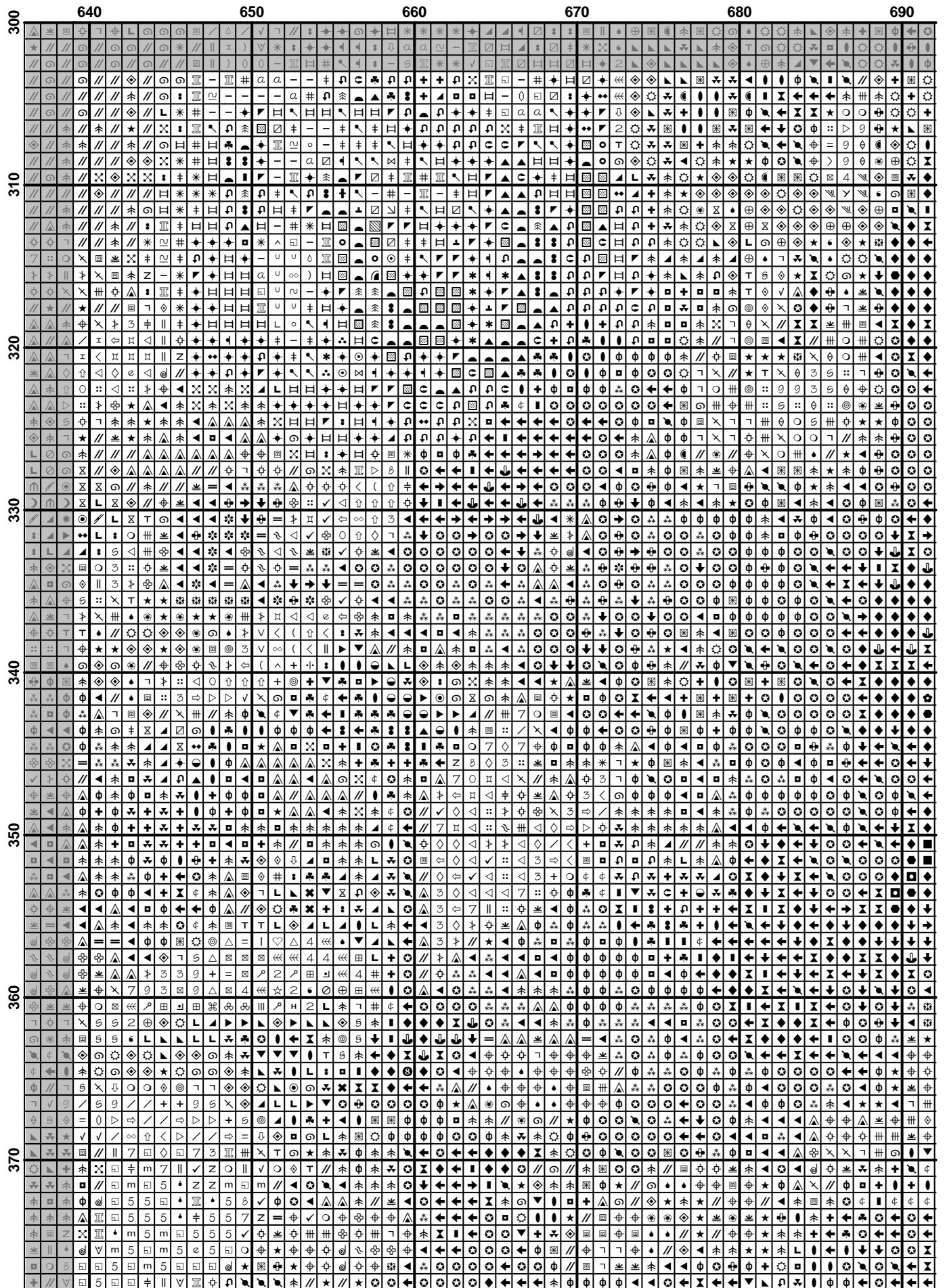


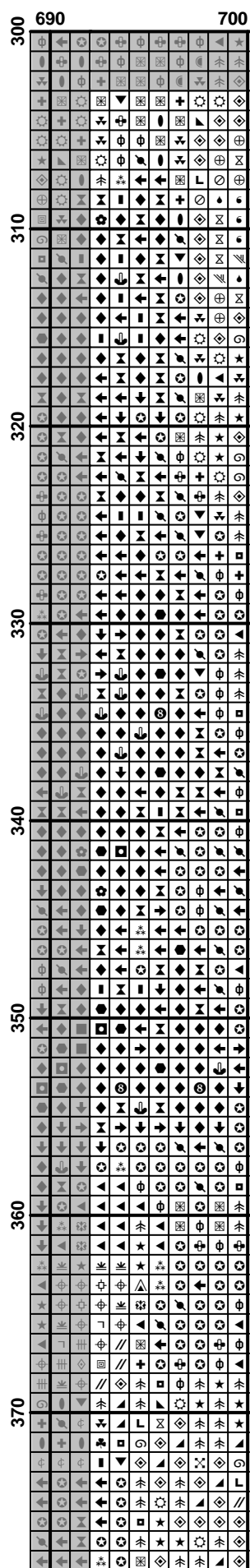


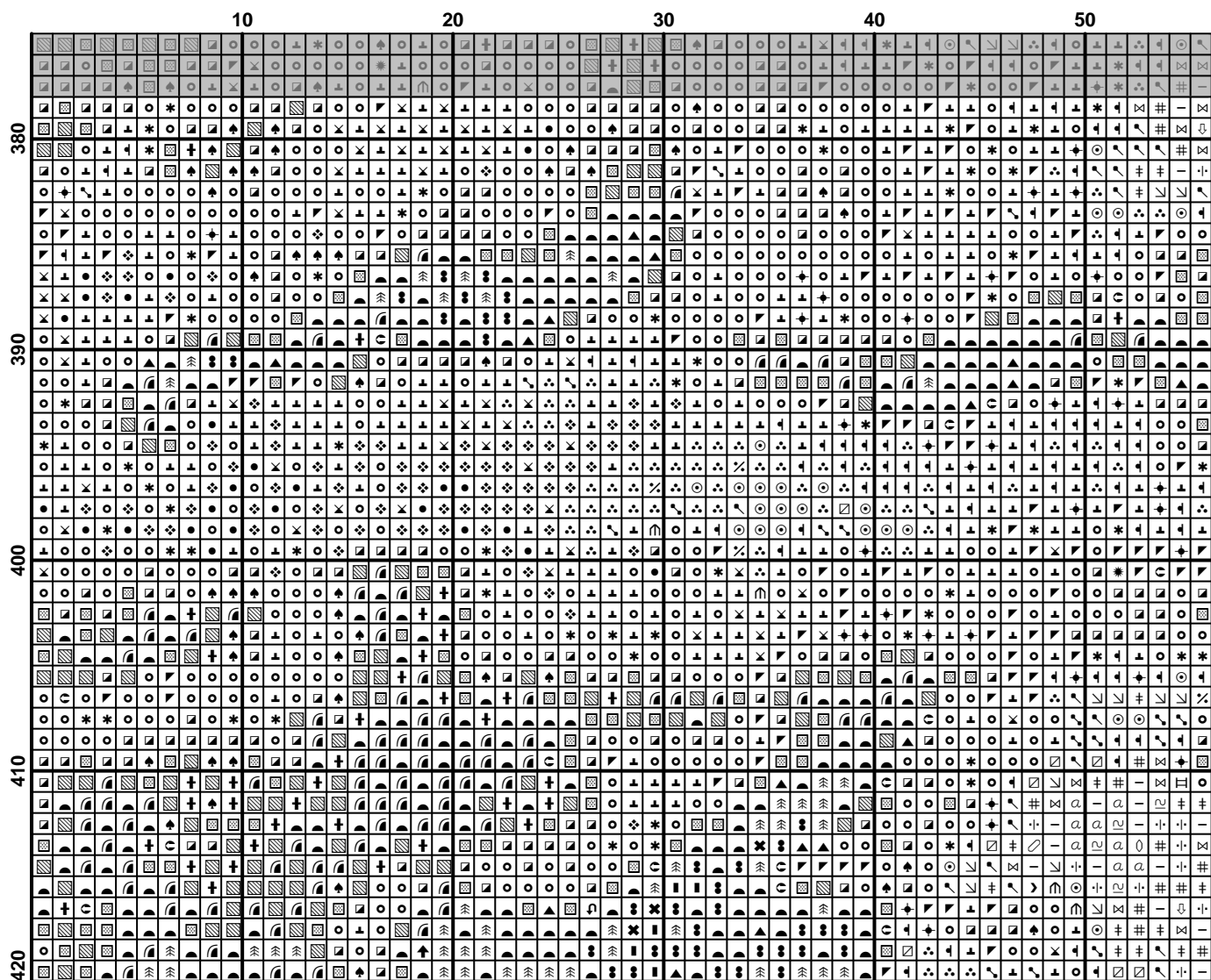
	480	490	500	510	520	530
300						
310						
320						
330						
340						
350						
360						
370						

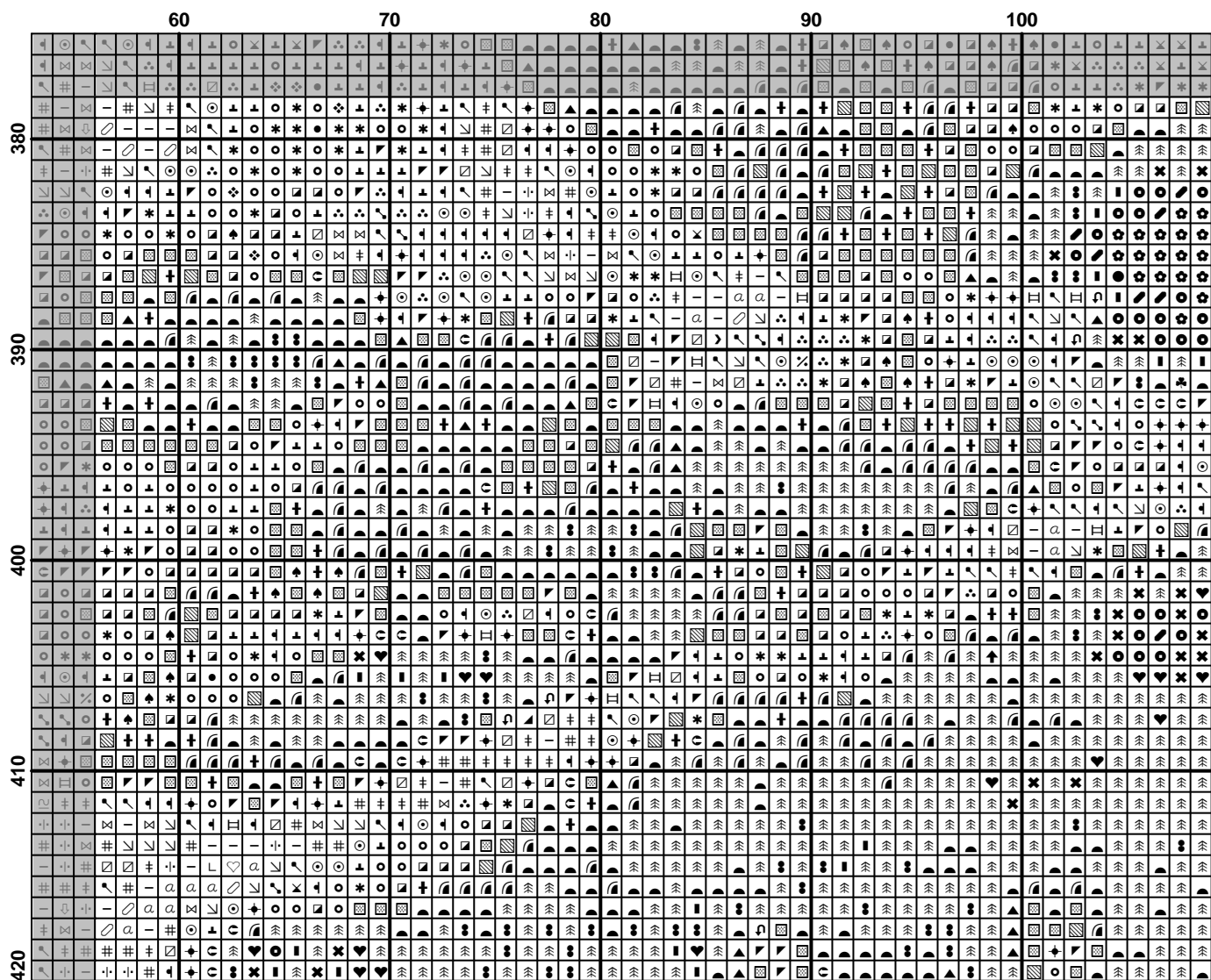
[illegible]

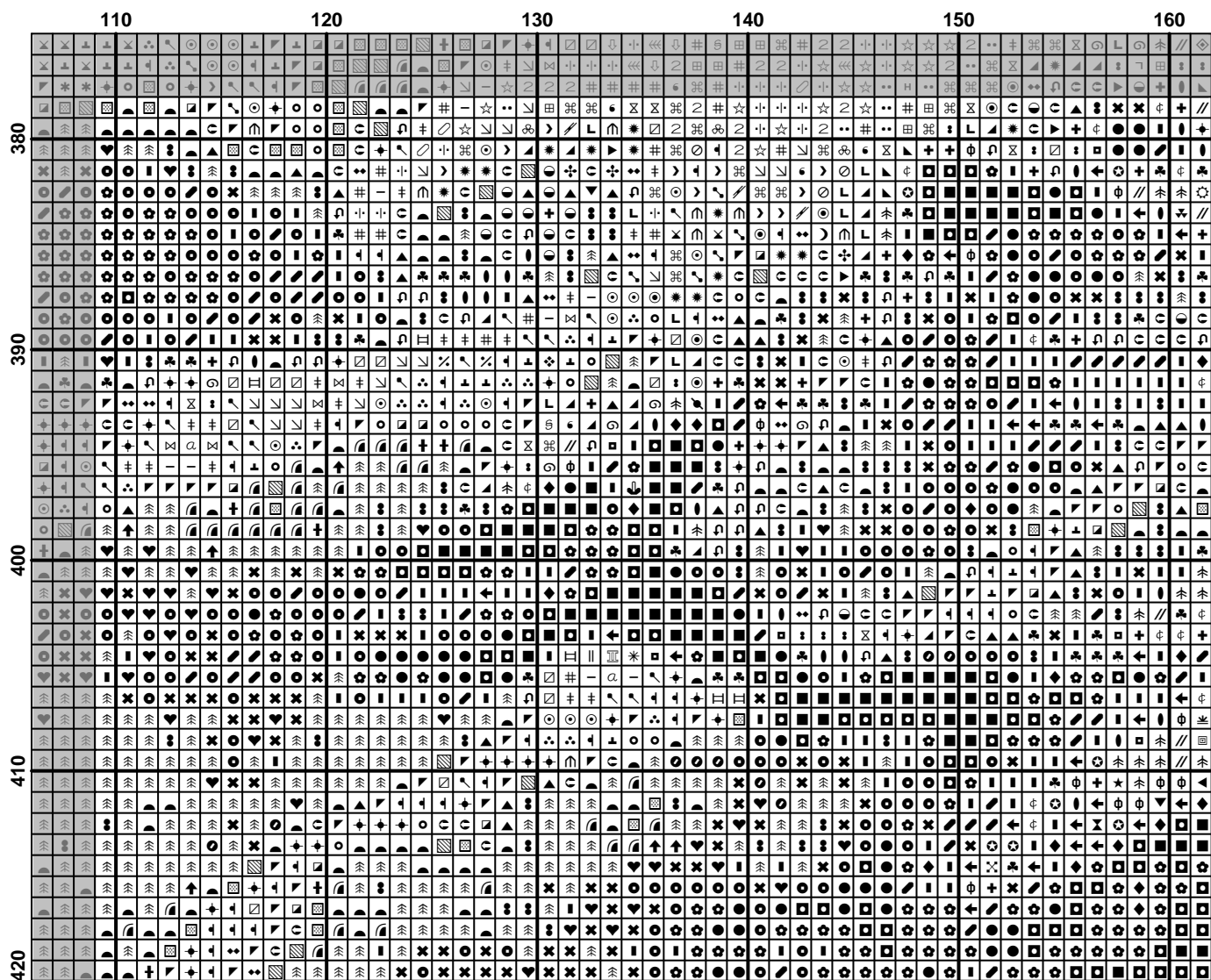


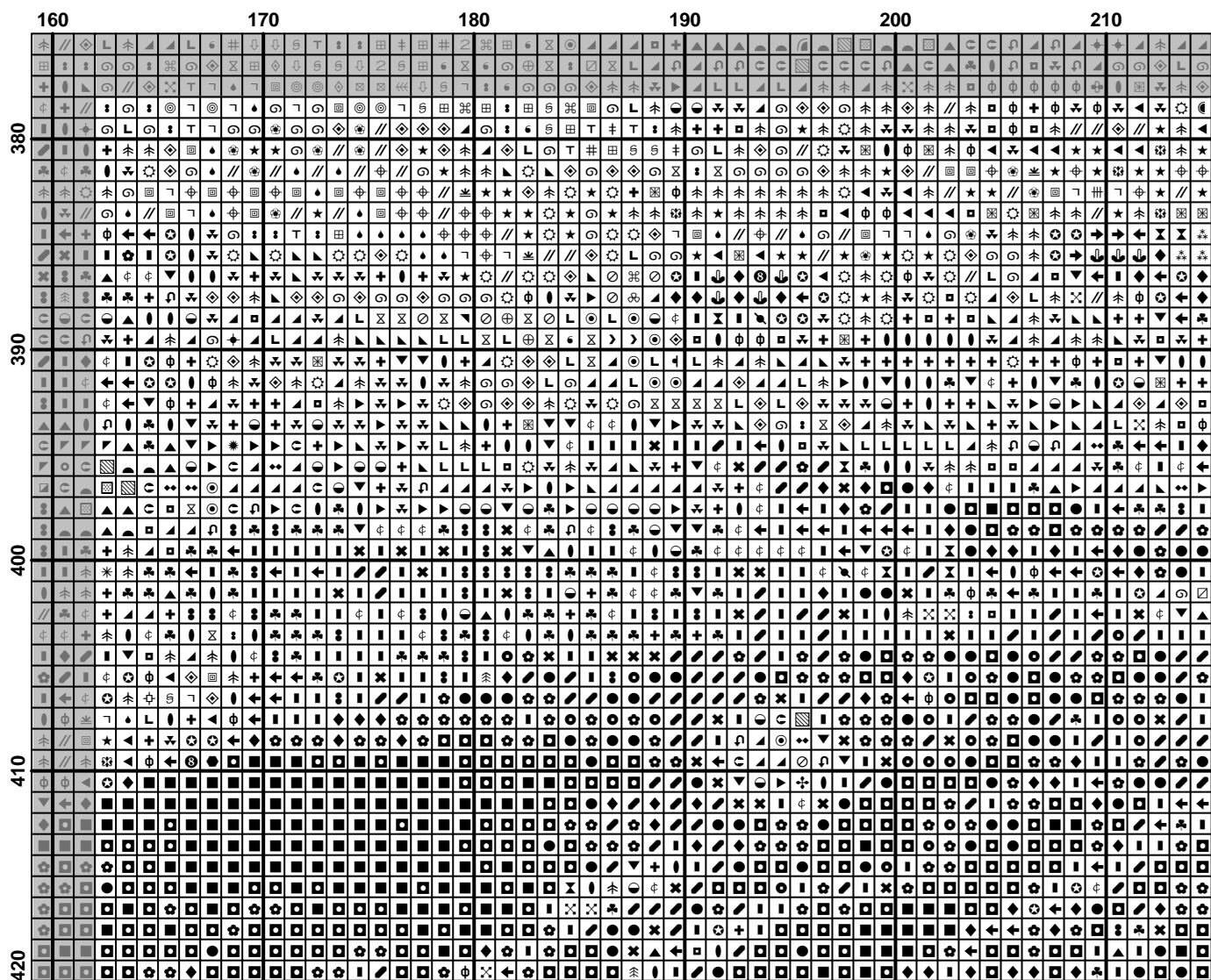


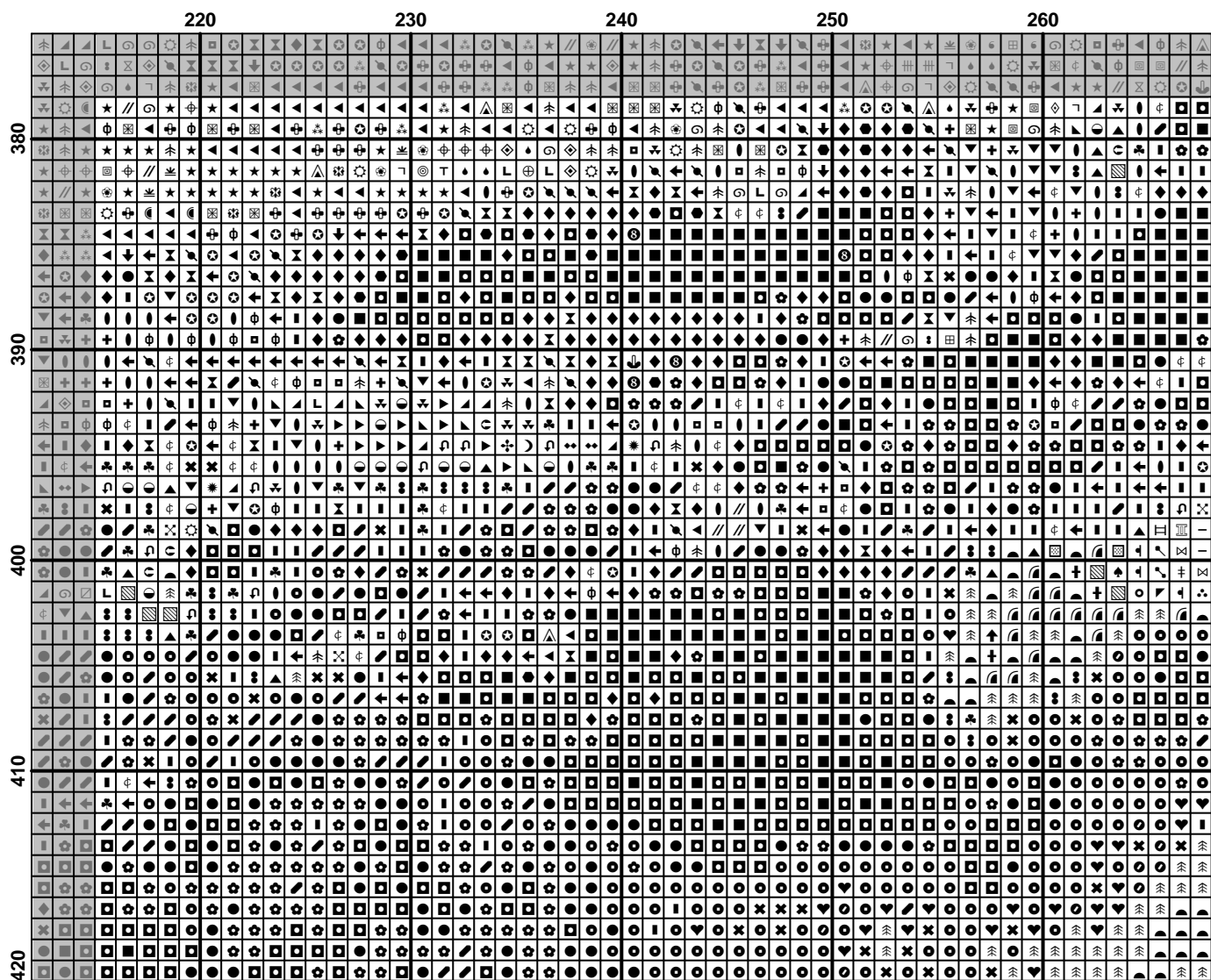


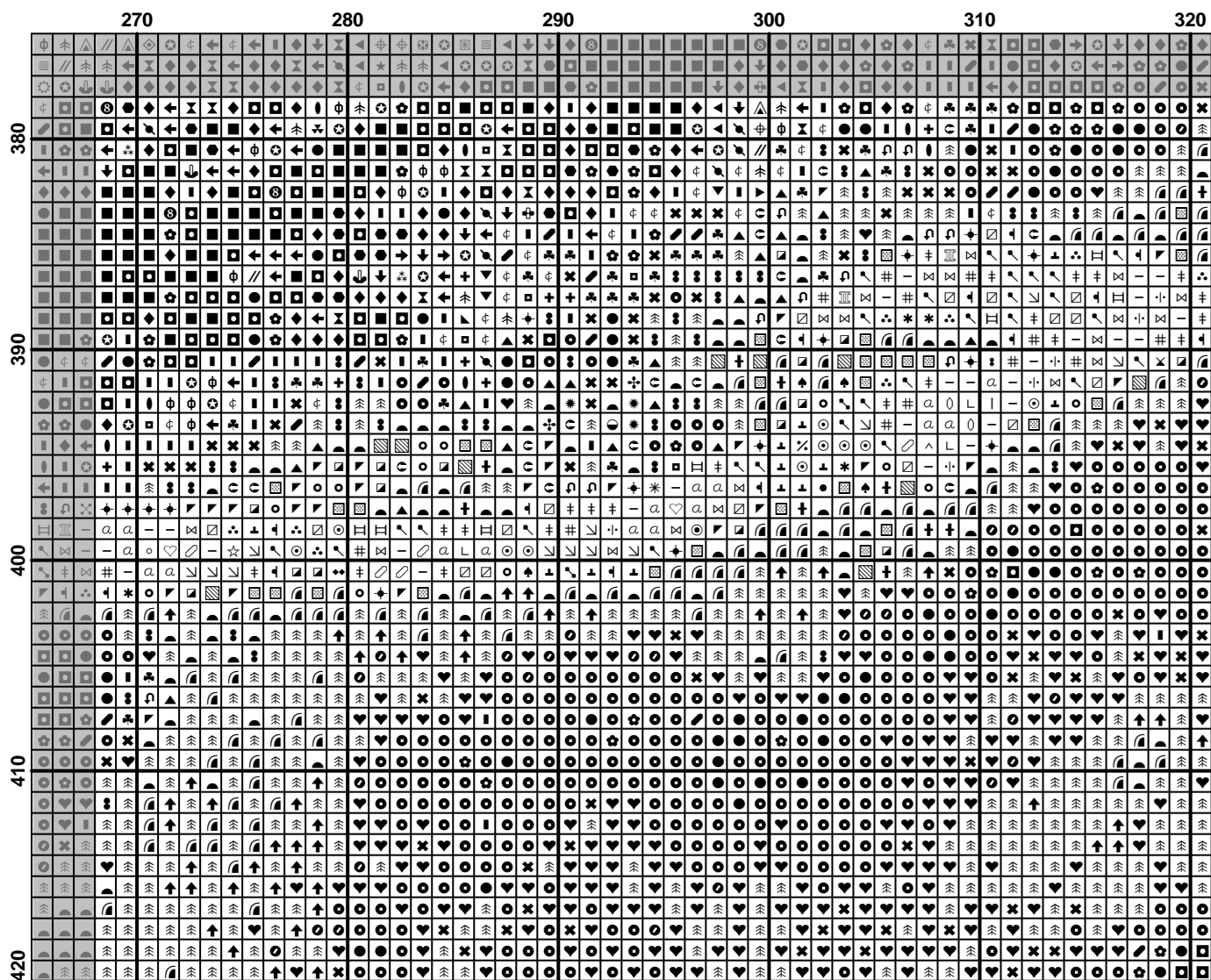


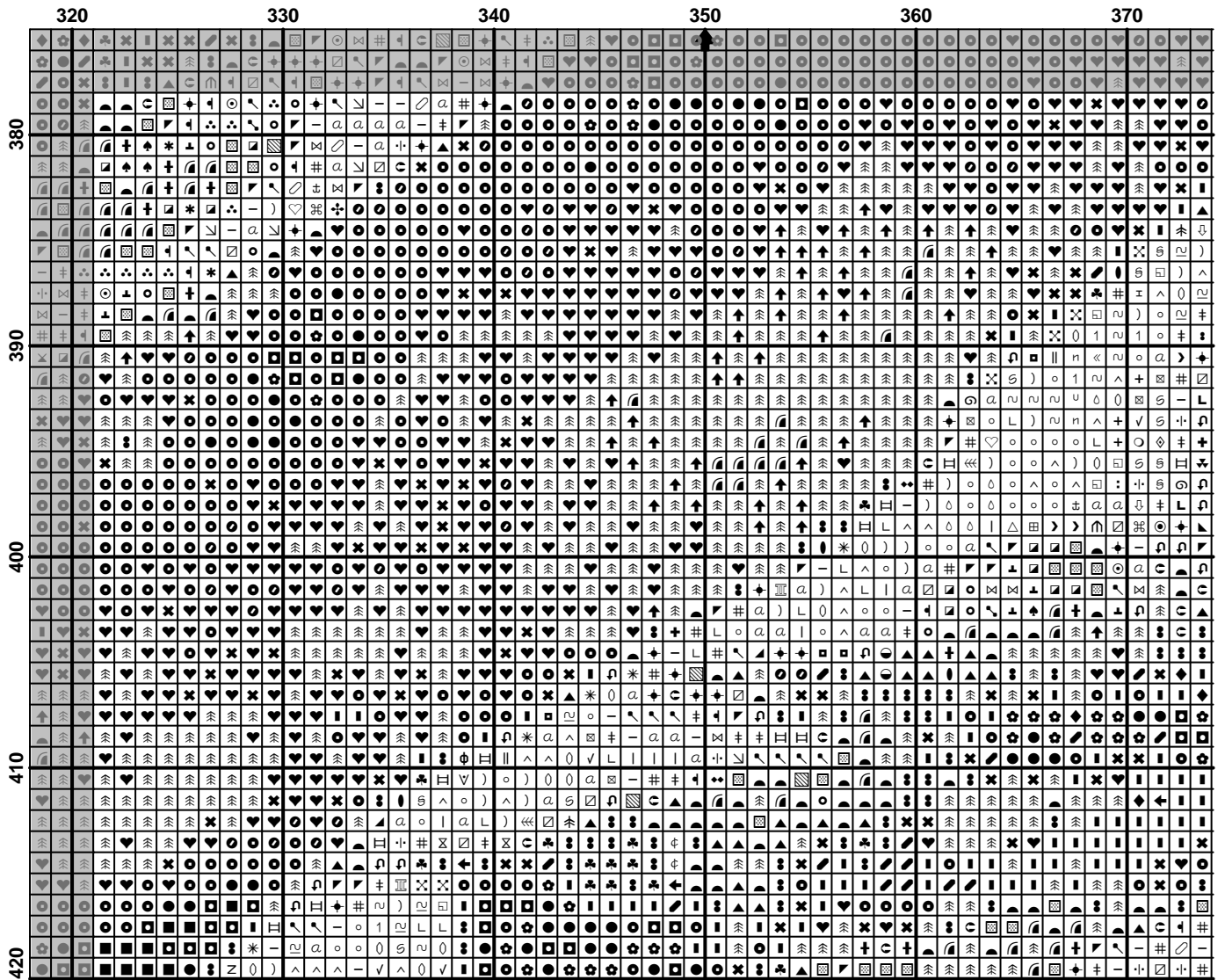


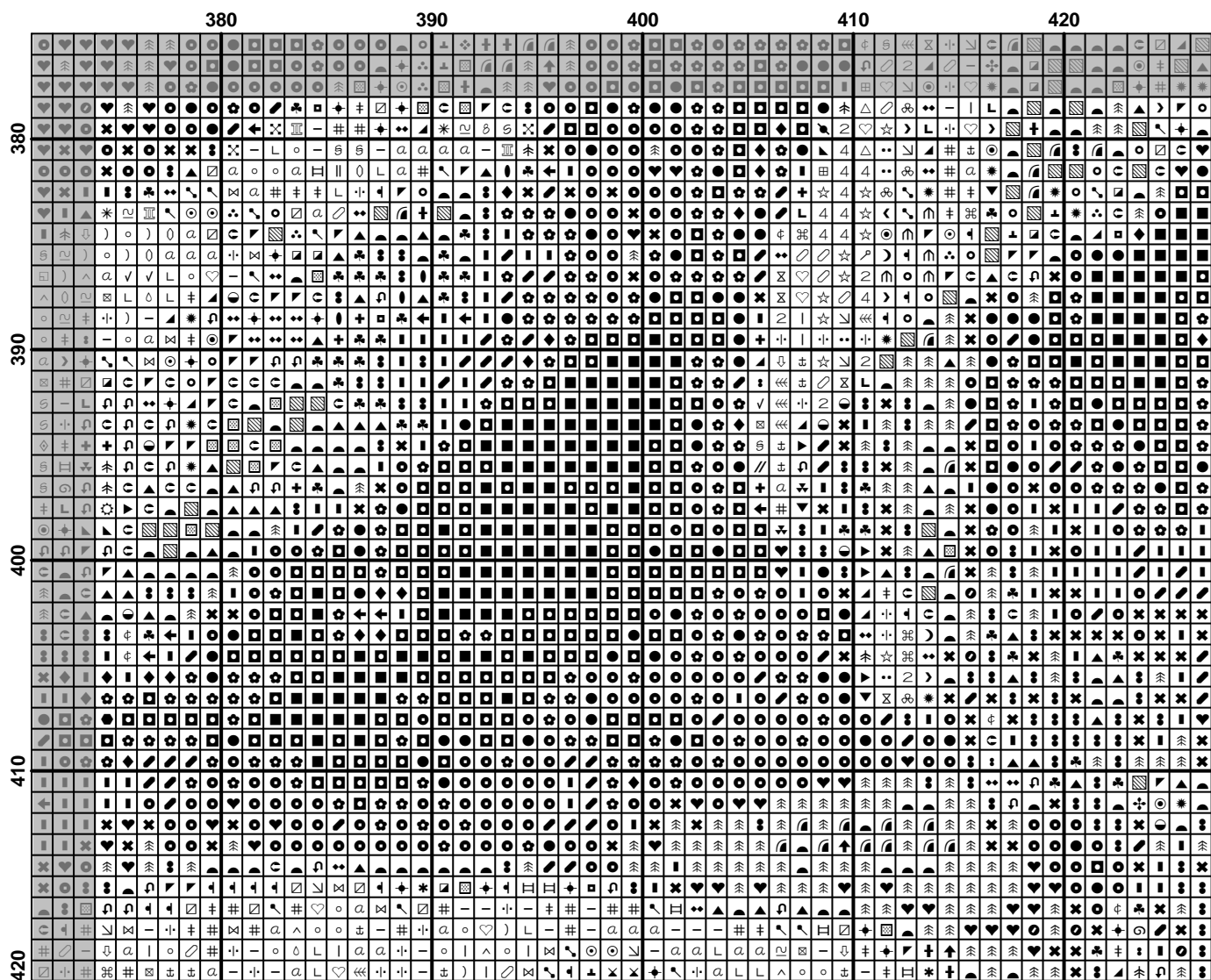


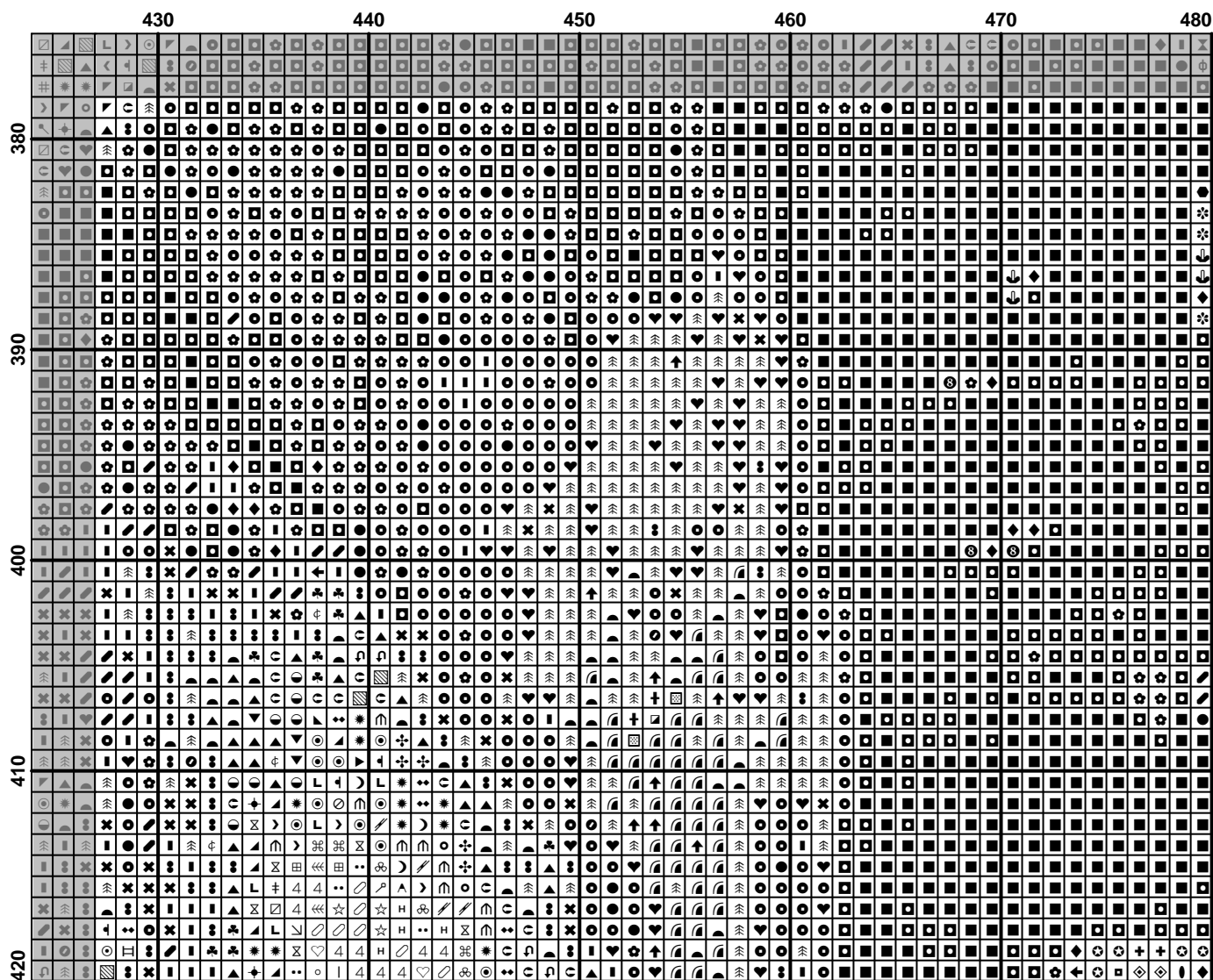


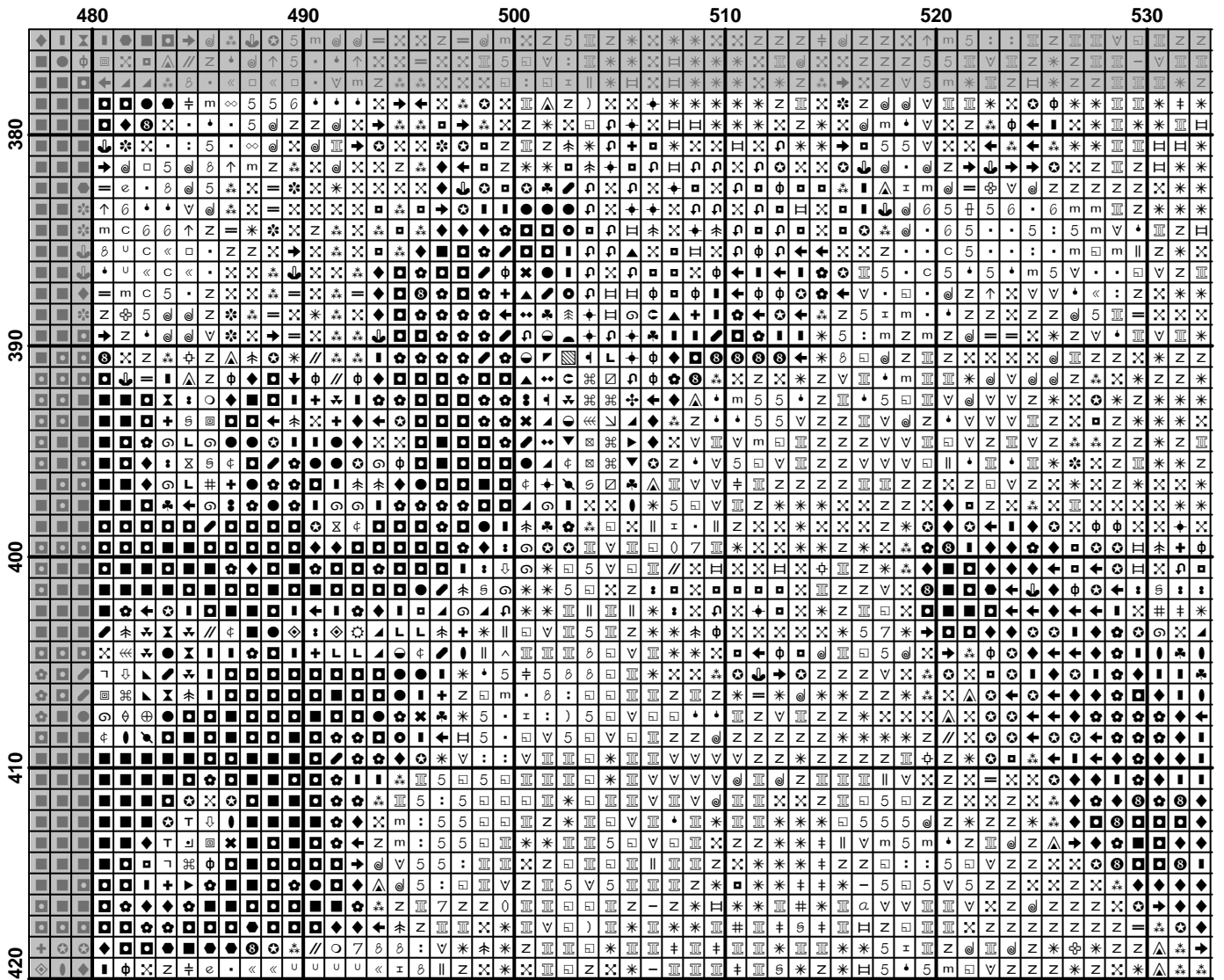












	530	540	550	560	570	580
380	...	...	...	...	...	...
390	...	...	...	...	...	...
400	...	...	...	...	...	...
410	...	...	...	...	...	...
420	...	...	...	...	...	...

