

# 1351 The Wedding



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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 Wedding

Stitch Count	
Horizontal:	800
Vertical:	572

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:	145	57.05	104	40.82	127	49.92	91	35.71	113	44.375	81	31.75
Including Margins:	161	64	120	47	143	56	107	42	129	51	97	38
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	203	79.87	145	57.14	169	66.55	121	47.62	84	33.27	60	23.81
Including Margins:	219	86	161	64	185	73	137	54	100	40	76	30
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	81	31.94	58	22.85	78	30.71	56	21.98	75	29.58	53	21.16
Including Margins:	97	38	74	29	94	37	72	28	91	36	69	28
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	72	28.52	52	20.41	67	26.62	48	19.04	63	24.95	45	17.85
Including Margins:	88	35	68	27	83	33	64	26	79	31	61	24

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
✕	221	Shell Pink-VY DK
∴	223	Shell Pink-LT
=	307	Lemon
■	310	Black
×	316	Antique Mauve-MD
◀	370	Mustard-MD
✦	371	Mustard
↓	413	Pewter Gray-DK
· ·	422	Hazelnut Brown-LT
≡	435	Brown-VY LT
⋈	437	Tan-LT
⋈	452	Shell Gray-MD
⋈	503	Blue Green-MD
⋈	522	Fern Green
⋈	523	Fern Green-LT
♥	543	Beige Brown-VY LT
+	580	Moss Green-DK
≡	597	Turquoise
△	611	Drab Brown
≡	612	Drab Brown-LT
c	613	Drab Brown-VY LT
▨	632	Desert Sand-UL VY DK
e	644	Beige Gray-MD
◀	645	Beaver Gray-VY DK
↘	647	Beaver Gray-MD
◁	648	Beaver Gray-LT
≡	676	Old Gold-LT
o	677	Old Gold-VY LT
n	712	Cream
▲	730	Olive Green-VY DK
⋈	732	Olive Green
::	734	Olive Green-LT
▨	738	Tan-VY LT
▷	739	Tan-UL VY LT
u	746	Off White
✓	778	Antique Mauve-VY LT
↖	782	Topaz-DK
◆	801	Coffee Brown-DK
▨	829	Golden Olive-VY DK
⋈	833	Golden Olive-LT
?	834	Golden Olive-VY LT
→	839	Beige Brown-DK

+	869	Hazelnut Brown-VY DK
♥	898	Coffee Brown-VY DK
●	934	Black Avocado Green
⊙	938	Coffee Brown-UL DK
⋈	945	Tawny
6	950	Desert Sand-LT
♣	975	Golden Brown-DK
▷	976	Golden Brown-MD
⋈	3013	Khaki Green-LT
△	3024	Brown Gray-VY LT
✦	3031	Mocha Brown-VY DK
✦	3032	Mocha Brown-MD
↘	3045	Yellow Beige-DK
a	3046	Yellow Beige-MD
⋈	3047	Yellow Beige-LT
↗	3052	Green Gray-MD
)	3072	Beaver Gray-VY LT
∞	3078	Golden Yellow-VY LT
≡	3348	Yellow Green-LT
+	3362	Pine Green-DK
■	3371	Black Brown
★	3687	Mauve
	3713	Salmon-VY LT
↖	3726	Antique Mauve-DK
⋈	3778	Terra Cotta-LT
⋈	3787	Brown Gray-DK
⋈	3802	Antique Mauve-VY DK
⋈	3803	Mauve-MD
⋈	3810	Turquoise-DK
≡	3815	Celadon Green-DK
≡	3820	Straw-DK
o	3823	Yellow-UL Pale
⋈	3827	Golden Brown-Pale
6	3828	Hazelnut Brown
×	3829	Old Gold-VY DK
⋈	3849	Teal Green-LT
□	3855	Autumn Gold-LT
↔	3856	Mahogany-UL VY LT
♠	3861	Cocoa-LT
*	3862	Mocha Beige-DK
H	3864	Mocha Beige-LT
(	3866	Mocha Brown-UL VY LT
~	Ecrú	Ecrú

Blend Stitches. Use one strand of each of DMC1 and DMC2 for these stitches.				
Symbol	DMC1	Name1	DMC2	Name2
L	316	Antique Mauve-MD	3726	Antique Mauve-DK
田	452	Shell Gray-MD	3861	Cocoa-LT
♦♦	920	Copper-MD	3829	Old Gold-VY DK
4	543	Beige Brown-UL VY LT	778	Antique Mauve-VY LT

◊	738	Tan-VY LT	3855	Autumn Gold-LT
■	3726	Antique Mauve-DK	3740	Antique Violet-DK
✽	611	Drab Brown	3052	Green Gray-MD
☪	833	Golden Olive-LT	3828	Hazelnut Brown
L	739	Tan-UL VY LT	945	Tawny
⊕	522	Fern Green	3032	Mocha Brown-MD
/	738	Tan-VY LT	3856	Mahogany-UL VY LT
«	746	Off White	3823	Yellow-UL Pale
⊕	503	Blue Green-MD	3024	Brown Gray-VY LT
●	934	Black Avocado Green	938	Coffee Brown-UL DK
↑	730	Olive Green-VY DK	898	Coffee Brown-VY DK
◊	3362	Pine Green-DK	3787	Brown Gray-DK
↘	829	Golden Olive-VY DK	869	Hazelnut Brown-VY DK
♠	732	Olive Green	869	Hazelnut Brown-VY DK
:	613	Drab Brown-VY LT	739	Tan-UL VY LT
III	3013	Khaki Green-LT	3045	Yellow Beige-DK
⊗	3011	Khaki Green-DK	3787	Brown Gray-DK
◇	613	Drab Brown-VY LT	738	Tan-VY LT
◊	734	Olive Green-LT	3045	Yellow Beige-DK
▼	611	Drab Brown	3346	Hunter Green
☛	801	Coffee Brown-DK	898	Coffee Brown-VY DK
●	869	Hazelnut Brown-VY DK	975	Golden Brown-DK
↑	370	Mustard-MD	420	Hazelnut Brown-DK
●	938	Coffee Brown-UL DK	3021	Brown Gray-VY DK
⊗	420	Hazelnut Brown-DK	611	Drab Brown
☪	371	Mustard	3052	Green Gray-MD
◎	729	Old Gold-MD	3828	Hazelnut Brown
⊗	435	Brown-VY LT	3778	Terra Cotta-LT
◊	3045	Yellow Beige-DK	3778	Terra Cotta-LT
>	369	Pistachio Green-VY LT	3072	Beaver Gray-VY LT
3	422	Hazelnut Brown-LT	3046	Yellow Beige-MD
≡	523	Fern Green-LT	3032	Mocha Brown-MD
⊗	612	Drab Brown-LT	3032	Mocha Brown-MD
▲	3820	Straw-DK	3829	Old Gold-VY DK
↑	822	Beige Gray-LT	3823	Yellow-UL Pale
↘	523	Fern Green-LT	3052	Green Gray-MD
⊗	3021	Brown Gray-VY DK	3362	Pine Green-DK
☪	632	Desert Sand-UL VY DK	975	Golden Brown-DK
↖	822	Beige Gray-LT	3072	Beaver Gray-VY LT
	422	Hazelnut Brown-LT	3013	Khaki Green-LT
↘	3013	Khaki Green-LT	3064	Desert Sand
☪	611	Drab Brown	645	Beaver Gray-VY DK
☾	645	Beaver Gray-VY DK	3052	Green Gray-MD
■	3346	Hunter Green	3787	Brown Gray-DK
▲	645	Beaver Gray-VY DK	3032	Mocha Brown-MD
⬆	648	Beaver Gray-LT	523	Fern Green-LT
◎	645	Beaver Gray-VY DK	503	Blue Green-MD
^	712	Cream	3072	Beaver Gray-VY LT
☪	3013	Khaki Green-LT	3032	Mocha Brown-MD
○	523	Fern Green-LT	3864	Mocha Beige-LT
—	3348	Yellow Green-LT	3864	Mocha Beige-LT
▶	632	Desert Sand-UL VY DK	732	Olive Green
○	611	Drab Brown	730	Olive Green-VY DK
⬆	420	Hazelnut Brown-DK	470	Avocado Green-LT
←	221	Shell Pink-VY DK	632	Desert Sand-UL VY DK
☪	435	Brown-VY LT	833	Golden Olive-LT
△	833	Golden Olive-LT	3820	Straw-DK
⇒	613	Drab Brown-VY LT	3855	Autumn Gold-LT
β	369	Pistachio Green-VY LT	648	Beaver Gray-LT

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7	613	Drab Brown-VY LT	3013	Khaki Green-LT
5	307	Lemon	3820	Straw-DK
*	732	Olive Green	833	Golden Olive-LT
✕	782	Topaz-DK	3820	Straw-DK
✓	3849	Teal Green-LT	648	Beaver Gray-LT
●	975	Golden Brown-DK	3829	Old Gold-VY DK
⦿	730	Olive Green-VY DK	3021	Brown Gray-VY DK
✱	3346	Hunter Green	3011	Khaki Green-DK
▲	869	Hazelnut Brown-VY DK	3829	Old Gold-VY DK
▼	920	Copper-MD	975	Golden Brown-DK
⊕	976	Golden Brown-MD	3829	Old Gold-VY DK
⊖	732	Olive Green	829	Golden Olive-VY DK
✦	732	Olive Green	782	Topaz-DK
1	712	Cream	746	Off White
∇	307	Lemon	782	Topaz-DK
∨	445	Lemon-LT	676	Old Gold-LT
↑	437	Tan-LT	3045	Yellow Beige-DK
⌞	729	Old Gold-MD	976	Golden Brown-MD
○	3024	Brown Gray-VY LT	369	Pistachio Green-VY LT
<	739	Tan-UL VY LT	369	Pistachio Green-VY LT
↓	938	Coffee Brown-UL DK	580	Moss Green-DK
✎	833	Golden Olive-LT	976	Golden Brown-MD
■	900	Burnt Orange-DK	920	Copper-MD
❖	435	Brown-VY LT	900	Burnt Orange-DK
✿	435	Brown-VY LT	3803	Mauve-MD
⌞	632	Desert Sand-UL VY DK	435	Brown-VY LT
//	900	Burnt Orange-DK	976	Golden Brown-MD
▣	632	Desert Sand-UL VY DK	3011	Khaki Green-DK
♣	632	Desert Sand-UL VY DK	801	Coffee Brown-DK
◇	613	Drab Brown-VY LT	677	Old Gold-VY LT
∩	223	Shell Pink-LT	3864	Mocha Beige-LT
⌞	613	Drab Brown-VY LT	778	Antique Mauve-VY LT
+	778	Antique Mauve-VY LT	822	Beige Gray-LT
✱	221	Shell Pink-VY DK	900	Burnt Orange-DK
∩	3803	Mauve-MD	3687	Mauve
..	316	Antique Mauve-MD	778	Antique Mauve-VY LT
∅	316	Antique Mauve-MD	3687	Mauve
▲	3726	Antique Mauve-DK	3687	Mauve
‡	778	Antique Mauve-VY LT	3687	Mauve
∨	503	Blue Green-MD	648	Beaver Gray-LT
•	3072	Beaver Gray-VY LT	3713	Salmon-VY LT
⊕	503	Blue Green-MD	414	Steel Gray-DK
2	778	Antique Mauve-VY LT	3778	Terra Cotta-LT
∅	3046	Yellow Beige-MD	3348	Yellow Green-LT
m	3013	Khaki Green-LT	3348	Yellow Green-LT
#	371	Mustard	734	Olive Green-LT
z	732	Olive Green	3820	Straw-DK
◇	3726	Antique Mauve-DK	3861	Cocoa-LT
9	3827	Golden Brown-Pale	676	Old Gold-LT
☾	975	Golden Brown-DK	782	Topaz-DK
☾	732	Olive Green	975	Golden Brown-DK
☆	822	Beige Gray-LT	3849	Teal Green-LT



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

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		14		16		18	
221	Shell Pink-VY DK	218	85	208	81	187	73
223	Shell Pink-LT	384	151	366	144	329	129
307	Lemon	189	74	180	70	162	63
310	Black	3490	1374	3324	1308	2991	1177
316	Antique Mauve-MD	804	316	765	301	689	271
369	Pistachio Green-VY LT	1417	557	1349	531	1214	477
370	Mustard-MD	1779	700	1694	666	1525	600
371	Mustard	1856	730	1768	696	1591	626
413	Pewter Gray-DK	122	48	116	45	104	40
414	Steel Gray-DK	83	32	79	31	71	27
420	Hazelnut Brown-DK	1514	596	1442	567	1298	511
422	Hazelnut Brown-LT	2181	858	2077	817	1870	736
435	Brown-VY LT	1241	488	1182	465	1064	418
437	Tan-LT	1423	560	1355	533	1220	480
445	Lemon-LT	94	37	90	35	81	31
452	Shell Gray-MD	572	225	544	214	490	192
470	Avocado Green-LT	339	133	322	126	290	114
503	Blue Green-MD	555	218	528	207	475	187
522	Fern Green	481	189	458	180	413	162
523	Fern Green-LT	1423	560	1355	533	1219	479
543	Beige Brown-UL VY LT	1004	395	957	376	861	338
580	Moss Green-DK	961	378	915	360	823	324
597	Turquoise	53	20	50	19	45	17
611	Drab Brown	2608	1026	2483	977	2235	879
612	Drab Brown-LT	1228	483	1170	460	1053	414
613	Drab Brown-VY LT	5266	2073	5015	1974	4514	1777
632	Desert Sand-UL VY DK	2144	844	2042	803	1837	723
644	Beige Gray-MD	694	273	661	260	595	234
645	Beaver Gray-VY DK	1294	509	1232	485	1109	436
647	Beaver Gray-MD	337	132	321	126	289	113
648	Beaver Gray-LT	1572	618	1497	589	1347	530
676	Old Gold-LT	869	342	827	325	744	292
677	Old Gold-VY LT	1413	556	1346	529	1211	476
712	Cream	1784	702	1699	668	1529	601
729	Old Gold-MD	408	160	389	153	350	137
730	Olive Green-VY DK	2348	924	2237	880	2013	792
732	Olive Green	2694	1060	2566	1010	2309	909
734	Olive Green-LT	834	328	794	312	715	281
738	Tan-VY LT	3838	1511	3655	1438	3289	1294
739	Tan-UL VY LT	2528	995	2408	948	2167	853
746	Off White	2164	851	2061	811	1855	730
778	Antique Mauve-VY LT	1535	604	1462	575	1316	518
782	Topaz-DK	1665	655	1586	624	1427	561
801	Coffee Brown-DK	2764	1088	2632	1036	2369	932
822	Beige Gray-LT	1545	608	1472	579	1325	521
829	Golden Olive-VY DK	2100	826	2000	787	1800	708
833	Golden Olive-LT	1276	502	1215	478	1093	430
834	Golden Olive-VY LT	1054	414	1004	395	903	355
839	Beige Brown-DK	1048	412	998	392	898	353
869	Hazelnut Brown-VY DK	1778	700	1694	666	1524	600
898	Coffee Brown-VY DK	3638	1432	3465	1364	3118	1227
900	Burnt Orange-DK	184	72	175	68	158	62
920	Copper-MD	415	163	395	155	355	139

934	Black Avocado Green	3696	1455	3520	1385	3168	1247
938	Coffee Brown-UL DK	5206	2049	4958	1951	4463	1757
945	Tawny	418	164	398	156	358	140
950	Desert Sand-LT	147	57	140	55	126	49
975	Golden Brown-DK	1815	714	1729	680	1556	612
976	Golden Brown-MD	538	211	512	201	461	181
3011	Khaki Green-DK	980	385	933	367	840	330
3013	Khaki Green-LT	2805	1104	2672	1051	2404	946
3021	Brown Gray-VY DK	1515	596	1443	568	1299	511
3024	Brown Gray-VY LT	846	333	805	316	725	285
3031	Mocha Brown-VY DK	1251	492	1192	469	1072	422
3032	Mocha Brown-MD	2120	834	2019	794	1817	715
3045	Yellow Beige-DK	2010	791	1914	753	1722	677
3046	Yellow Beige-MD	1659	653	1580	622	1422	559
3047	Yellow Beige-LT	1211	476	1154	454	1038	408
3052	Green Gray-MD	1634	643	1556	612	1401	551
3064	Desert Sand	369	145	351	138	316	124
3072	Beaver Gray-VY LT	1278	503	1217	479	1095	431
3078	Golden Yellow-VY LT	239	94	227	89	205	80
3346	Hunter Green	456	179	434	170	391	153
3348	Yellow Green-LT	656	258	624	245	562	221
3362	Pine Green-DK	879	346	837	329	754	296
3371	Black Brown	3619	1424	3446	1356	3102	1221
3687	Mauve	642	252	611	240	550	216
3713	Salmon-VY LT	244	96	232	91	209	82
3726	Antique Mauve-DK	697	274	664	261	597	235
3740	Antique Violet-DK	94	37	90	35	81	31
3778	Terra Cotta-LT	433	170	412	162	371	146
3787	Brown Gray-DK	1094	430	1041	409	937	368
3802	Antique Mauve-VY DK	57	22	54	21	48	18
3803	Mauve-MD	232	91	221	87	199	78
3810	Turquoise-DK	44	17	42	16	38	14
3815	Celadon Green-DK	97	38	92	36	83	32
3820	Straw-DK	1031	405	982	386	884	348
3823	Yellow-UL Pale	2178	857	2074	816	1867	735
3827	Golden Brown-Pale	710	279	676	266	609	239
3828	Hazelnut Brown	1257	494	1197	471	1077	424
3829	Old Gold-VY DK	1580	622	1505	592	1354	533
3849	Teal Green-LT	229	90	218	85	196	77
3855	Autumn Gold-LT	2611	1027	2487	979	2238	881
3856	Mahogany-UL VY LT	541	212	516	203	464	182
3861	Cocoa-LT	710	279	676	266	608	239
3862	Mocha Beige-DK	850	334	810	318	729	287
3864	Mocha Beige-LT	1437	565	1368	538	1231	484
3866	Mocha Brown-UL VY LT	722	284	687	270	619	243
Ecru	Ecru	1053	414	1003	394	902	355

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	337	131	281	110	140	55
223	Shell Pink-LT	592	232	494	194	247	97
307	Lemon	292	113	243	95	122	47
310	Black	5384	2119	4487	1766	2243	883
316	Antique Mauve-MD	1240	488	1034	407	517	203
369	Pistachio Green-VY LT	2185	859	1821	716	911	358



370	Mustard-MD	2745	1080	2288	900	1144	450
371	Mustard	2864	1127	2387	939	1193	470
413	Pewter Gray-DK	187	72	156	60	78	30
414	Steel Gray-DK	128	49	107	41	53	20
420	Hazelnut Brown-DK	2336	920	1947	767	974	383
422	Hazelnut Brown-LT	3366	1325	2805	1104	1403	552
435	Brown-VY LT	1915	752	1596	627	798	314
437	Tan-LT	2196	864	1830	720	915	360
445	Lemon-LT	146	56	122	47	61	23
452	Shell Gray-MD	882	346	735	288	368	144
470	Avocado Green-LT	522	205	435	171	218	86
503	Blue Green-MD	855	337	713	281	356	140
522	Fern Green	743	292	620	243	310	122
523	Fern Green-LT	2194	862	1829	719	914	359
543	Beige Brown-UL VY LT	1550	608	1292	507	646	254
580	Moss Green-DK	1481	583	1235	486	617	243
597	Turquoise	81	31	68	26	34	13
611	Drab Brown	4023	1582	3353	1319	1676	659
612	Drab Brown-LT	1895	745	1580	621	790	311
613	Drab Brown-VY LT	8125	3199	6771	2666	3386	1333
632	Desert Sand-UL VY DK	3307	1301	2756	1085	1378	542
644	Beige Gray-MD	1071	421	893	351	446	176
645	Beaver Gray-VY DK	1996	785	1664	654	832	327
647	Beaver Gray-MD	520	203	434	170	217	85
648	Beaver Gray-LT	2425	954	2021	795	1010	398
676	Old Gold-LT	1339	526	1116	438	558	219
677	Old Gold-VY LT	2180	857	1817	714	908	357
712	Cream	2752	1082	2294	902	1147	451
729	Old Gold-MD	630	247	525	206	263	103
730	Olive Green-VY DK	3623	1426	3020	1188	1510	594
732	Olive Green	4156	1636	3464	1364	1732	682
734	Olive Green-LT	1287	506	1073	422	536	211
738	Tan-VY LT	5920	2329	4934	1941	2467	971
739	Tan-UL VY LT	3901	1535	3251	1280	1625	640
746	Off White	3339	1314	2783	1095	1391	548
778	Antique Mauve-VY LT	2369	932	1974	777	987	389
782	Topaz-DK	2569	1010	2141	842	1070	421
801	Coffee Brown-DK	4264	1678	3554	1398	1777	699
822	Beige Gray-LT	2385	938	1988	782	994	391
829	Golden Olive-VY DK	3240	1274	2700	1062	1350	531
833	Golden Olive-LT	1967	774	1640	645	820	323
834	Golden Olive-VY LT	1625	639	1355	533	677	266
839	Beige Brown-DK	1616	635	1347	530	674	265
869	Hazelnut Brown-VY DK	2743	1080	2286	900	1143	450
898	Coffee Brown-VY DK	5612	2209	4677	1841	2339	920
900	Burnt Orange-DK	284	112	237	93	119	47
920	Copper-MD	639	250	533	209	266	104
934	Black Avocado Green	5702	2245	4752	1871	2376	935
938	Coffee Brown-UL DK	8033	3163	6695	2636	3347	1318
945	Tawny	644	252	537	210	269	105
950	Desert Sand-LT	227	88	189	74	95	37
975	Golden Brown-DK	2801	1102	2334	918	1167	459
976	Golden Brown-MD	830	326	692	272	346	136
3011	Khaki Green-DK	1512	594	1260	495	630	248
3013	Khaki Green-LT	4327	1703	3606	1419	1803	710
3021	Brown Gray-VY DK	2338	920	1949	767	974	383
3024	Brown Gray-VY LT	1305	513	1088	428	544	214
3031	Mocha Brown-VY DK	1930	760	1608	633	804	317
3032	Mocha Brown-MD	3271	1287	2726	1073	1363	536

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3045	Yellow Beige-DK	3100	1219	2583	1016	1292	508
3046	Yellow Beige-MD	2560	1006	2133	839	1067	419
3047	Yellow Beige-LT	1868	734	1557	612	779	306
3052	Green Gray-MD	2522	992	2102	827	1051	413
3064	Desert Sand	569	223	474	186	237	93
3072	Beaver Gray-VY LT	1971	776	1643	647	821	323
3078	Golden Yellow-VY LT	369	144	308	120	154	60
3346	Hunter Green	704	275	587	230	293	115
3348	Yellow Green-LT	1012	398	843	332	422	166
3362	Pine Green-DK	1357	533	1131	444	566	222
3371	Black Brown	5584	2198	4653	1832	2327	916
3687	Mauve	990	389	825	324	413	162
3713	Salmon-VY LT	376	148	314	123	157	62
3726	Antique Mauve-DK	1075	423	896	353	448	176
3740	Antique Violet-DK	146	56	122	47	61	23
3778	Terra Cotta-LT	668	263	557	219	278	110
3787	Brown Gray-DK	1687	662	1406	552	703	276
3802	Antique Mauve-VY DK	86	32	72	27	36	14
3803	Mauve-MD	358	140	299	117	149	59
3810	Turquoise-DK	68	25	57	21	29	11
3815	Celadon Green-DK	149	58	125	48	62	24
3820	Straw-DK	1591	626	1326	522	663	261
3823	Yellow-UL Pale	3361	1323	2801	1103	1400	551
3827	Golden Brown-Pale	1096	430	914	359	457	179
3828	Hazelnut Brown	1939	763	1616	636	808	318
3829	Old Gold-VY DK	2437	959	2031	800	1016	400
3849	Teal Green-LT	353	139	294	116	147	58
3855	Autumn Gold-LT	4028	1586	3357	1322	1679	661
3856	Mahogany-UL VY LT	835	328	696	273	348	137
3861	Cocoa-LT	1094	430	912	359	456	179
3862	Mocha Beige-DK	1312	517	1094	431	547	215
3864	Mocha Beige-LT	2216	871	1847	726	923	363
3866	Mocha Brown-UL VY LT	1114	437	929	365	464	182
Ecru	Ecru	1624	639	1353	533	677	266

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	135	53	129	51	125	49
223	Shell Pink-LT	237	93	228	89	219	86
307	Lemon	117	45	112	44	108	42
310	Black	2154	847	2071	815	1994	785
316	Antique Mauve-MD	496	195	477	188	459	181
369	Pistachio Green-VY LT	874	343	840	330	809	318
370	Mustard-MD	1098	432	1056	415	1017	400
371	Mustard	1146	451	1101	433	1061	417
413	Pewter Gray-DK	75	29	72	28	69	27
414	Steel Gray-DK	51	19	49	19	47	18
420	Hazelnut Brown-DK	935	368	899	354	865	341
422	Hazelnut Brown-LT	1346	530	1295	510	1247	491
435	Brown-VY LT	766	301	737	289	709	279
437	Tan-LT	878	346	845	332	813	320
445	Lemon-LT	58	22	56	21	54	21
452	Shell Gray-MD	353	138	339	133	327	128
470	Avocado Green-LT	209	82	201	79	193	76
503	Blue Green-MD	342	135	329	129	317	125

522	Fern Green	297	117	286	112	275	108
523	Fern Green-LT	878	345	844	332	813	319
543	Beige Brown-UL VY LT	620	243	596	234	574	225
580	Moss Green-DK	593	233	570	224	549	216
597	Turquoise	32	12	31	12	30	11
611	Drab Brown	1609	633	1547	609	1490	586
612	Drab Brown-LT	758	298	729	287	702	276
613	Drab Brown-VY LT	3250	1279	3125	1230	3009	1185
632	Desert Sand-UL VY DK	1323	521	1272	501	1225	482
644	Beige Gray-MD	428	168	412	162	397	156
645	Beaver Gray-VY DK	798	314	768	302	739	291
647	Beaver Gray-MD	208	81	200	78	193	75
648	Beaver Gray-LT	970	382	933	367	898	353
676	Old Gold-LT	536	210	515	202	496	195
677	Old Gold-VY LT	872	343	838	330	807	317
712	Cream	1101	433	1059	416	1019	401
729	Old Gold-MD	252	99	242	95	233	91
730	Olive Green-VY DK	1449	570	1394	548	1342	528
732	Olive Green	1662	654	1599	629	1539	606
734	Olive Green-LT	515	202	495	195	477	187
738	Tan-VY LT	2368	932	2277	896	2193	863
739	Tan-UL VY LT	1560	614	1500	591	1445	569
746	Off White	1336	526	1284	505	1237	487
778	Antique Mauve-VY LT	948	373	911	359	877	345
782	Topaz-DK	1027	404	988	388	951	374
801	Coffee Brown-DK	1706	671	1640	645	1579	621
822	Beige Gray-LT	954	375	917	361	883	347
829	Golden Olive-VY DK	1296	510	1246	490	1200	472
833	Golden Olive-LT	787	310	757	298	729	287
834	Golden Olive-VY LT	650	256	625	246	602	237
839	Beige Brown-DK	647	254	622	244	599	235
869	Hazelnut Brown-VY DK	1097	432	1055	415	1016	400
898	Coffee Brown-VY DK	2245	883	2159	849	2079	818
900	Burnt Orange-DK	114	45	109	43	105	41
920	Copper-MD	256	100	246	96	237	93
934	Black Avocado Green	2281	898	2193	863	2112	831
938	Coffee Brown-UL DK	3213	1265	3090	1216	2975	1171
945	Tawny	258	101	248	97	239	93
950	Desert Sand-LT	91	35	87	34	84	33
975	Golden Brown-DK	1120	441	1077	424	1037	408
976	Golden Brown-MD	332	130	319	125	307	121
3011	Khaki Green-DK	605	238	582	228	560	220
3013	Khaki Green-LT	1731	681	1664	655	1603	631
3021	Brown Gray-VY DK	935	368	899	354	866	341
3024	Brown Gray-VY LT	522	205	502	197	483	190
3031	Mocha Brown-VY DK	772	304	742	292	715	281
3032	Mocha Brown-MD	1308	515	1258	495	1211	477
3045	Yellow Beige-DK	1240	487	1192	469	1148	451
3046	Yellow Beige-MD	1024	402	984	387	948	373
3047	Yellow Beige-LT	747	294	719	282	692	272
3052	Green Gray-MD	1009	397	970	381	934	367
3064	Desert Sand	228	89	219	86	211	83
3072	Beaver Gray-VY LT	788	310	758	298	730	287
3078	Golden Yellow-VY LT	148	58	142	55	137	53
3346	Hunter Green	282	110	271	106	261	102
3348	Yellow Green-LT	405	159	389	153	375	147
3362	Pine Green-DK	543	213	522	205	503	197
3371	Black Brown	2233	879	2148	845	2068	814
3687	Mauve	396	156	381	150	367	144

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3713	Salmon-VY LT	150	59	145	57	139	55
3726	Antique Mauve-DK	430	169	413	163	398	157
3740	Antique Violet-DK	58	22	56	21	54	21
3778	Terra Cotta-LT	267	105	257	101	247	97
3787	Brown Gray-DK	675	265	649	255	625	245
3802	Antique Mauve-VY DK	35	13	33	12	32	12
3803	Mauve-MD	143	56	138	54	133	52
3810	Turquoise-DK	27	10	26	10	25	9
3815	Celadon Green-DK	60	23	57	22	55	21
3820	Straw-DK	636	251	612	241	589	232
3823	Yellow-UL Pale	1344	529	1293	509	1245	490
3827	Golden Brown-Pale	438	172	422	165	406	159
3828	Hazelnut Brown	775	305	746	294	718	283
3829	Old Gold-VY DK	975	384	937	369	903	355
3849	Teal Green-LT	141	55	136	53	131	51
3855	Autumn Gold-LT	1611	634	1549	610	1492	587
3856	Mahogany-UL VY LT	334	131	321	126	309	121
3861	Cocoa-LT	438	172	421	165	405	159
3862	Mocha Beige-DK	525	207	505	199	486	191
3864	Mocha Beige-LT	886	348	852	335	821	323
3866	Mocha Brown-UL VY LT	446	175	429	168	413	162
Ecru	Ecru	649	256	624	246	601	237

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	120	47	112	44	105	41
223	Shell Pink-LT	212	83	197	77	185	73
307	Lemon	104	41	97	38	91	35
310	Black	1923	757	1795	706	1682	662
316	Antique Mauve-MD	443	174	413	163	388	152
369	Pistachio Green-VY LT	780	307	728	286	683	268
370	Mustard-MD	980	386	915	360	858	338
371	Mustard	1023	402	955	376	895	352
413	Pewter Gray-DK	67	26	62	24	59	23
414	Steel Gray-DK	46	17	43	16	40	15
420	Hazelnut Brown-DK	834	329	779	307	730	287
422	Hazelnut Brown-LT	1202	473	1122	442	1052	414
435	Brown-VY LT	684	269	638	251	599	235
437	Tan-LT	784	309	732	288	686	270
445	Lemon-LT	52	20	49	19	46	17
452	Shell Gray-MD	315	123	294	115	276	108
470	Avocado Green-LT	186	73	174	68	163	64
503	Blue Green-MD	305	120	285	112	267	105
522	Fern Green	266	104	248	97	232	91
523	Fern Green-LT	784	308	731	287	686	269
543	Beige Brown-UL VY LT	554	217	517	203	484	190
580	Moss Green-DK	529	208	494	194	463	182
597	Turquoise	29	11	27	10	25	10
611	Drab Brown	1437	565	1341	527	1257	494
612	Drab Brown-LT	677	266	632	248	592	233
613	Drab Brown-VY LT	2902	1142	2708	1066	2539	1000
632	Desert Sand-UL VY DK	1181	465	1102	434	1033	407
644	Beige Gray-MD	383	150	357	140	335	132
645	Beaver Gray-VY DK	713	280	665	262	624	245
647	Beaver Gray-MD	186	73	173	68	163	64

648	Beaver Gray-LT	866	341	808	318	758	298
676	Old Gold-LT	478	188	446	175	419	164
677	Old Gold-VY LT	779	306	727	286	681	268
712	Cream	983	386	917	361	860	338
729	Old Gold-MD	225	88	210	82	197	77
730	Olive Green-VY DK	1294	509	1208	475	1132	446
732	Olive Green	1484	584	1385	545	1299	511
734	Olive Green-LT	460	181	429	169	402	158
738	Tan-VY LT	2114	832	1973	776	1850	728
739	Tan-UL VY LT	1393	548	1300	512	1219	480
746	Off White	1193	469	1113	438	1043	411
778	Antique Mauve-VY LT	846	333	790	311	740	291
782	Topaz-DK	917	361	856	337	803	316
801	Coffee Brown-DK	1523	599	1421	559	1333	524
822	Beige Gray-LT	852	335	795	313	745	293
829	Golden Olive-VY DK	1157	455	1080	425	1013	398
833	Golden Olive-LT	703	276	656	258	615	242
834	Golden Olive-VY LT	581	228	542	213	508	200
839	Beige Brown-DK	577	227	539	212	505	199
869	Hazelnut Brown-VY DK	980	386	914	360	857	338
898	Coffee Brown-VY DK	2004	789	1871	736	1754	690
900	Burnt Orange-DK	102	40	95	37	89	35
920	Copper-MD	228	89	213	83	200	78
934	Black Avocado Green	2037	802	1901	748	1782	701
938	Coffee Brown-UL DK	2869	1130	2678	1054	2510	988
945	Tawny	230	90	215	84	201	79
950	Desert Sand-LT	81	32	76	29	71	28
975	Golden Brown-DK	1000	393	934	367	875	344
976	Golden Brown-MD	296	116	277	109	259	102
3011	Khaki Green-DK	540	212	504	198	473	186
3013	Khaki Green-LT	1545	608	1442	568	1352	532
3021	Brown Gray-VY DK	835	329	779	307	731	287
3024	Brown Gray-VY LT	466	183	435	171	408	160
3031	Mocha Brown-VY DK	689	271	643	253	603	237
3032	Mocha Brown-MD	1168	460	1090	429	1022	402
3045	Yellow Beige-DK	1107	435	1033	406	969	381
3046	Yellow Beige-MD	914	359	853	335	800	314
3047	Yellow Beige-LT	667	262	623	245	584	230
3052	Green Gray-MD	901	354	841	331	788	310
3064	Desert Sand	203	80	190	74	178	70
3072	Beaver Gray-VY LT	704	277	657	259	616	242
3078	Golden Yellow-VY LT	132	51	123	48	115	45
3346	Hunter Green	251	98	235	92	220	86
3348	Yellow Green-LT	361	142	337	133	316	124
3362	Pine Green-DK	485	190	452	178	424	167
3371	Black Brown	1994	785	1861	733	1745	687
3687	Mauve	354	139	330	130	309	122
3713	Salmon-VY LT	134	53	125	49	118	46
3726	Antique Mauve-DK	384	151	358	141	336	132
3740	Antique Violet-DK	52	20	49	19	46	17
3778	Terra Cotta-LT	239	94	223	88	209	82
3787	Brown Gray-DK	602	237	562	221	527	207
3802	Antique Mauve-VY DK	31	12	29	11	27	10
3803	Mauve-MD	128	50	119	47	112	44
3810	Turquoise-DK	24	9	23	8	21	8
3815	Celadon Green-DK	53	21	50	19	47	18
3820	Straw-DK	568	224	530	209	497	196
3823	Yellow-UL Pale	1200	473	1120	441	1050	413
3827	Golden Brown-Pale	392	154	365	143	343	134

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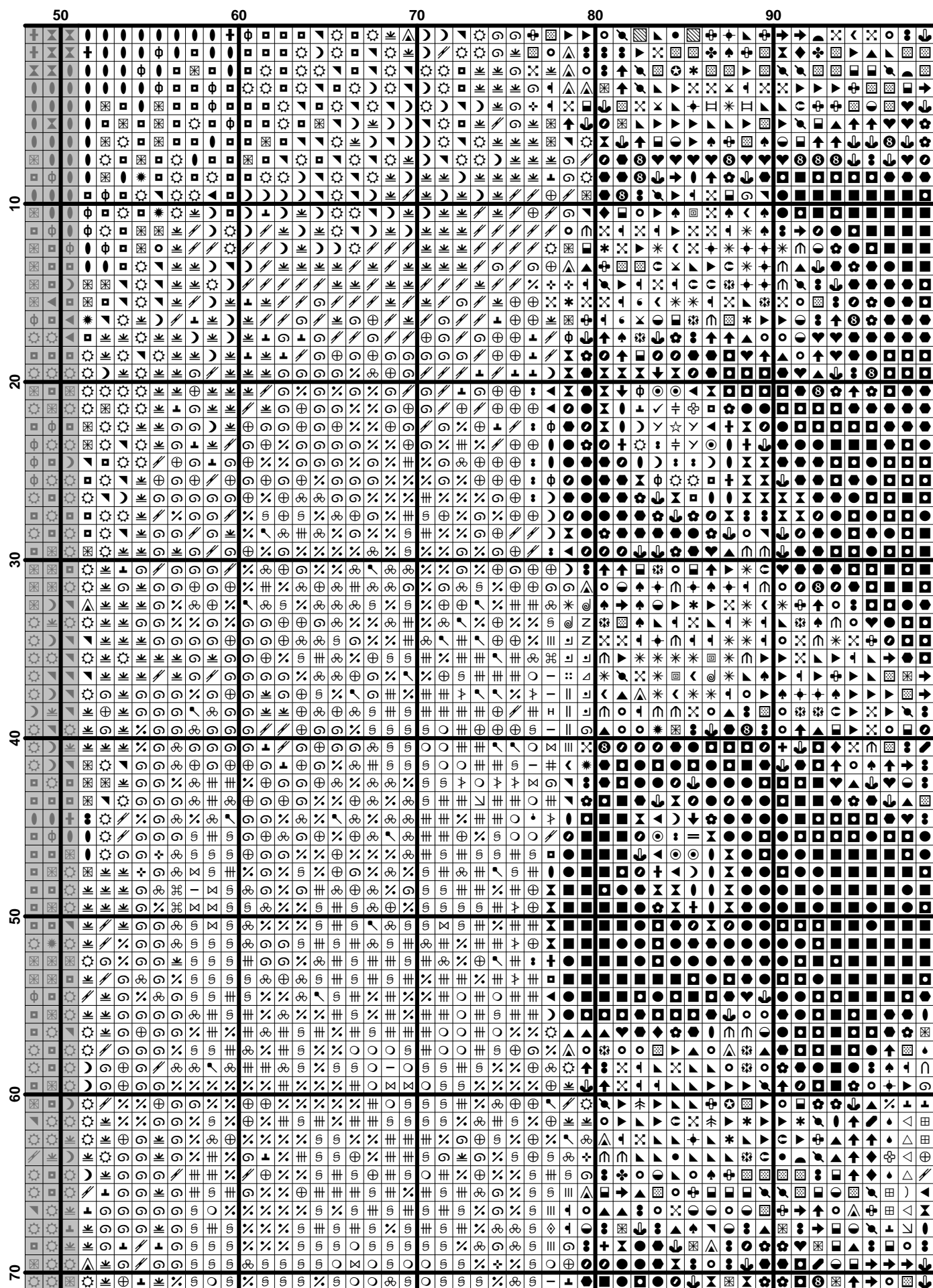
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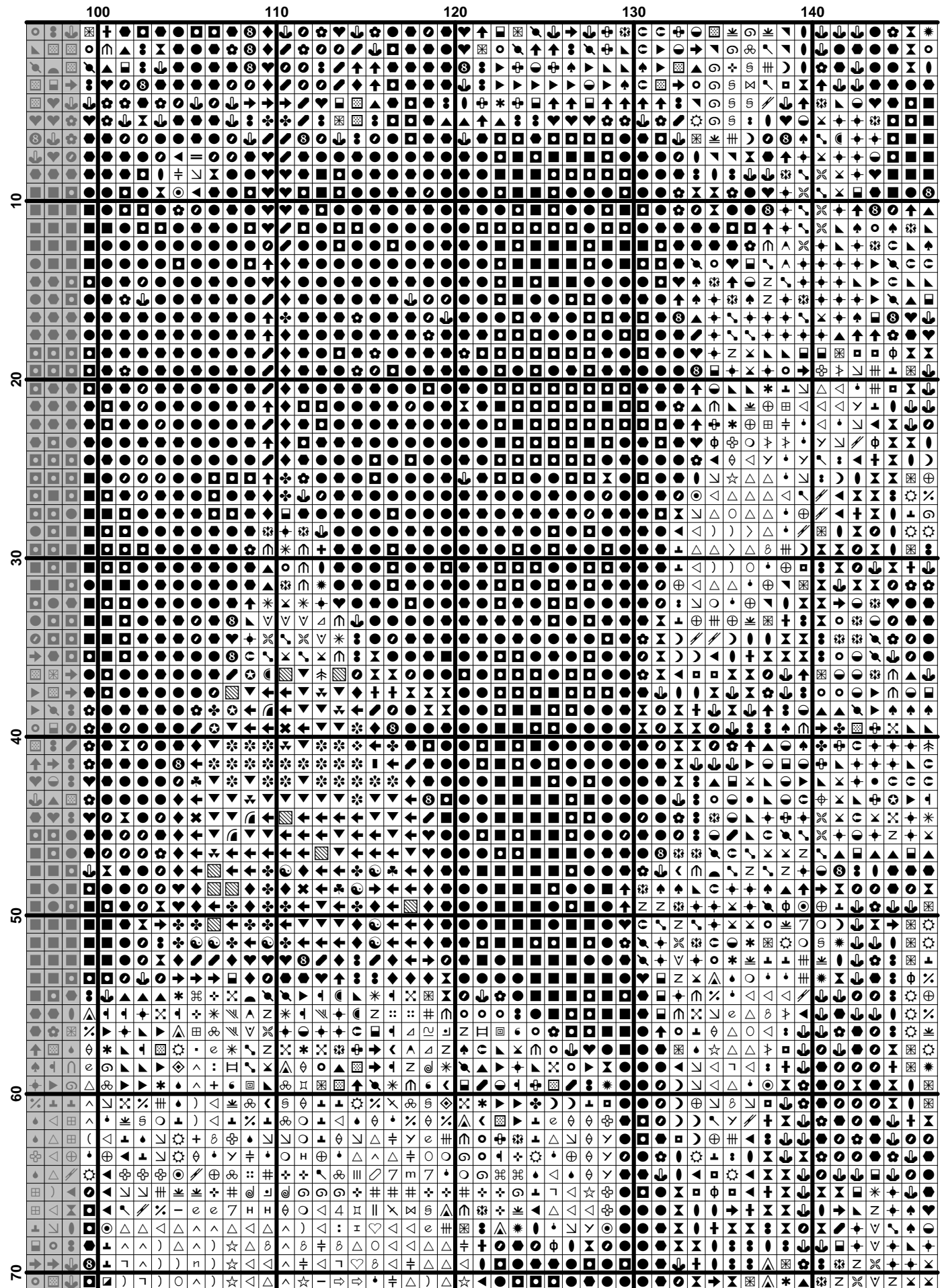
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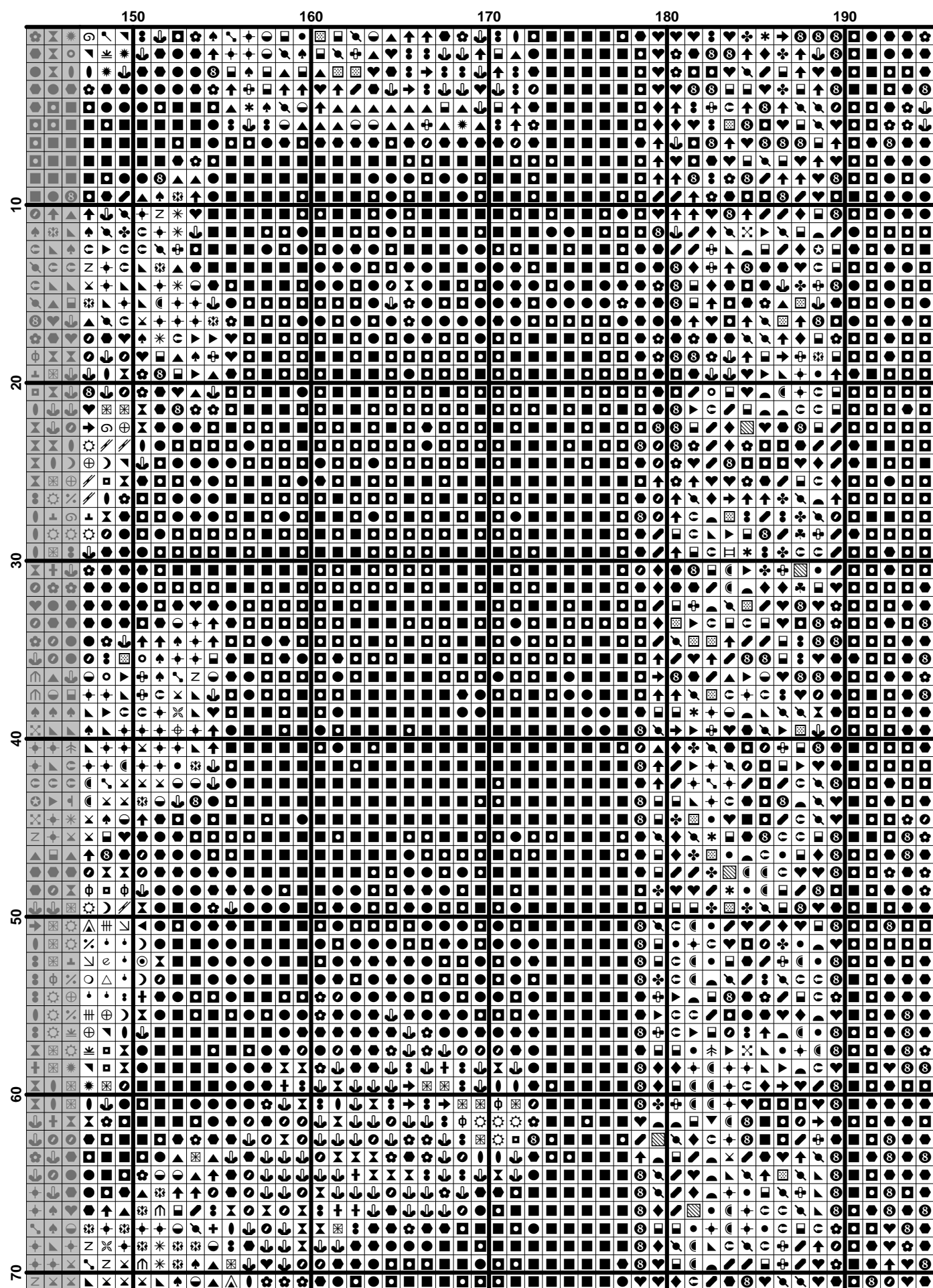
3828	Hazelnut Brown	692	273	646	254	606	239
3829	Old Gold-VY DK	870	343	812	320	762	300
3849	Teal Green-LT	126	50	118	46	110	43
3855	Autumn Gold-LT	1439	566	1343	529	1259	496
3856	Mahogany-UL VY LT	298	117	278	109	261	102
3861	Cocoa-LT	391	154	365	143	342	134
3862	Mocha Beige-DK	469	185	437	172	410	161
3864	Mocha Beige-LT	791	311	739	290	692	272
3866	Mocha Brown-UL VY LT	398	156	371	146	348	137
Ecrú	Ecrú	580	228	541	213	507	200

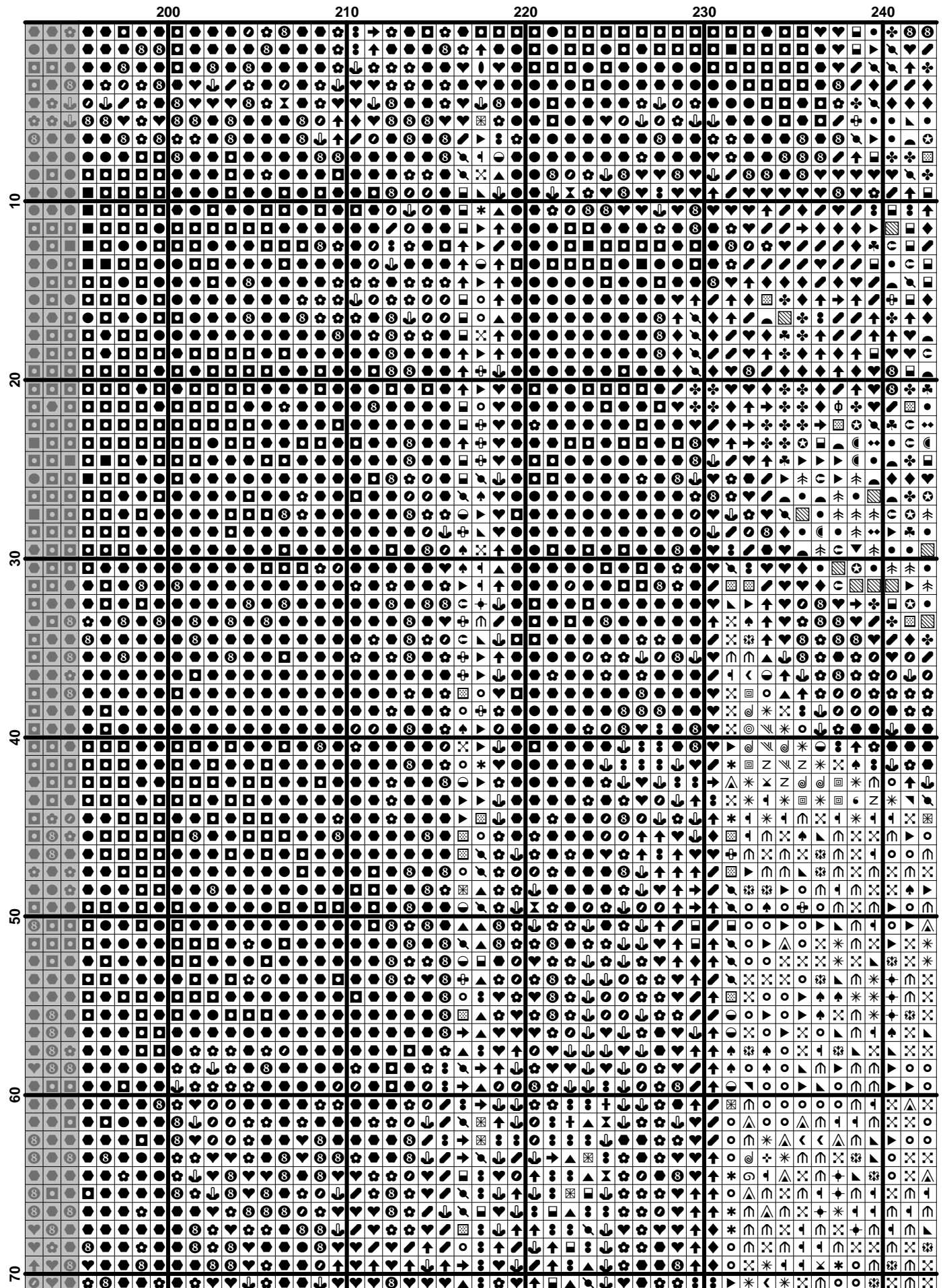


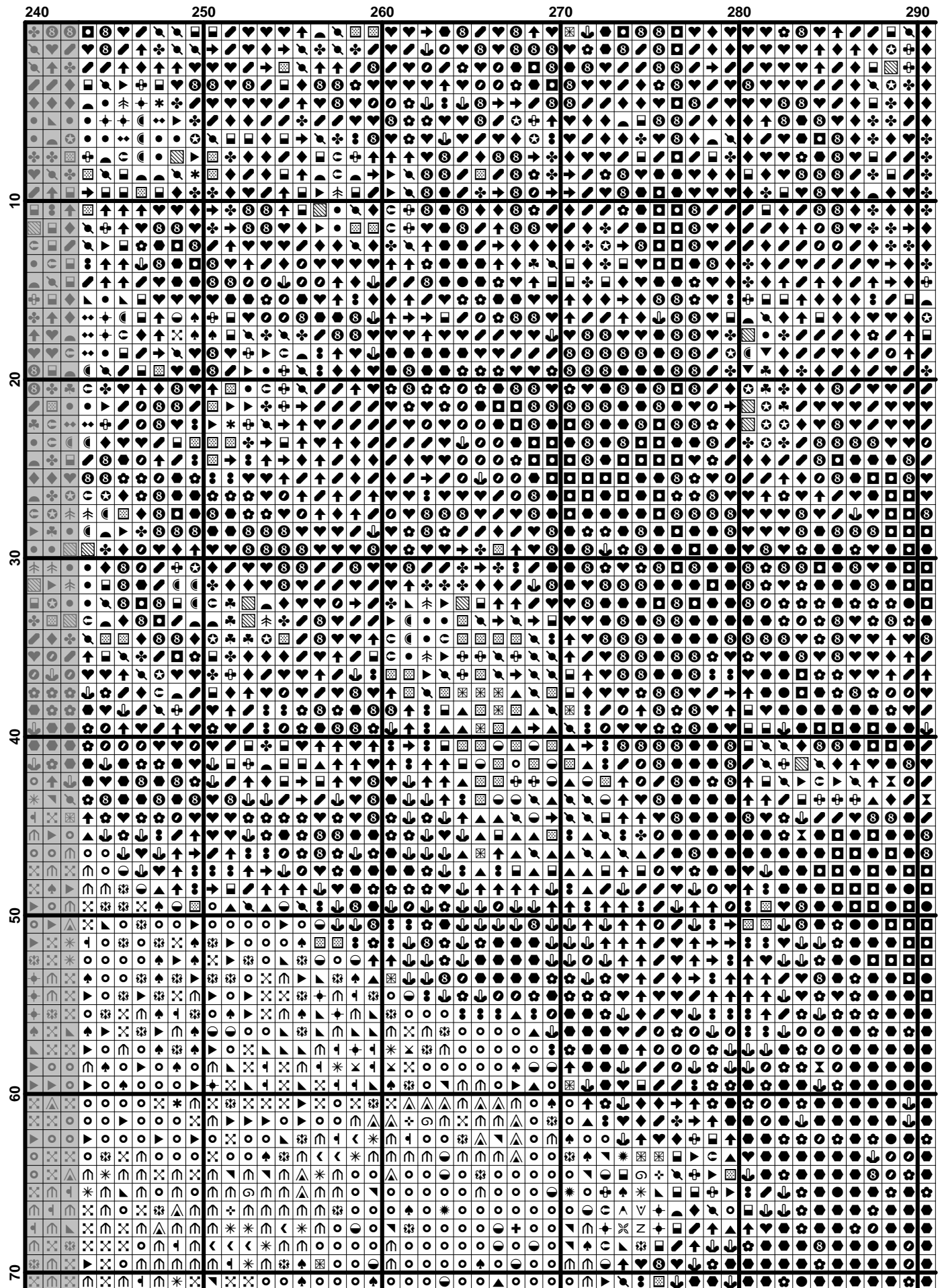
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20	⊕	⊕	⊕	⊕	⊕
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40	⊕	⊕	⊕	⊕	⊕
50	⊕	⊕	⊕	⊕	⊕
60	⊕	⊕	⊕	⊕	⊕
70	⊕	⊕	⊕	⊕	⊕
80	⊕	⊕	⊕	⊕	⊕
90	⊕	⊕	⊕	⊕	⊕
100	⊕	⊕	⊕	⊕	⊕
110	⊕	⊕	⊕	⊕	⊕
120	⊕	⊕	⊕	⊕	⊕
130	⊕	⊕	⊕	⊕	⊕
140	⊕	⊕	⊕	⊕	⊕
150	⊕	⊕	⊕	⊕	⊕
160	⊕	⊕	⊕	⊕	⊕
170	⊕	⊕	⊕	⊕	⊕
180	⊕	⊕	⊕	⊕	⊕
190	⊕	⊕	⊕	⊕	⊕
200	⊕	⊕	⊕	⊕	⊕
210	⊕	⊕	⊕	⊕	⊕
220	⊕	⊕	⊕	⊕	⊕
230	⊕	⊕	⊕	⊕	⊕
240	⊕	⊕	⊕	⊕	⊕
250	⊕	⊕	⊕	⊕	⊕
260	⊕	⊕	⊕	⊕	⊕
270	⊕	⊕	⊕	⊕	⊕
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310	⊕	⊕	⊕	⊕	⊕
320	⊕	⊕	⊕	⊕	⊕
330	⊕	⊕	⊕	⊕	⊕
340	⊕	⊕	⊕	⊕	⊕
350	⊕	⊕	⊕	⊕	⊕
360	⊕	⊕	⊕	⊕	⊕
370	⊕	⊕	⊕	⊕	⊕
380	⊕	⊕	⊕	⊕	⊕
390	⊕	⊕	⊕	⊕	⊕
400	⊕	⊕	⊕	⊕	⊕
410	⊕	⊕	⊕	⊕	⊕
420	⊕	⊕	⊕	⊕	⊕
430	⊕	⊕	⊕	⊕	⊕
440	⊕	⊕	⊕	⊕	⊕
450	⊕	⊕	⊕	⊕	⊕
460	⊕	⊕	⊕	⊕	⊕
470	⊕	⊕	⊕	⊕	⊕
480	⊕	⊕	⊕	⊕	⊕
490	⊕	⊕	⊕	⊕	⊕
500	⊕	⊕	⊕	⊕	⊕
510	⊕	⊕	⊕	⊕	⊕
520	⊕	⊕	⊕	⊕	⊕
530	⊕	⊕	⊕	⊕	⊕
540	⊕	⊕	⊕	⊕	⊕
550	⊕	⊕	⊕	⊕	⊕
560	⊕	⊕	⊕	⊕	⊕
570	⊕	⊕	⊕	⊕	⊕
580	⊕	⊕	⊕	⊕	⊕
590	⊕	⊕	⊕	⊕	⊕
600	⊕	⊕	⊕	⊕	⊕
610	⊕	⊕	⊕	⊕	⊕
620	⊕	⊕	⊕	⊕	⊕
630	⊕	⊕	⊕	⊕	⊕
640	⊕	⊕	⊕	⊕	⊕
650	⊕	⊕	⊕	⊕	⊕
660	⊕	⊕	⊕	⊕	⊕
670	⊕	⊕	⊕	⊕	⊕
680	⊕	⊕	⊕	⊕	⊕
690	⊕	⊕	⊕	⊕	⊕
700	⊕	⊕	⊕	⊕	⊕
710	⊕	⊕	⊕	⊕	⊕
720	⊕	⊕	⊕	⊕	⊕
730	⊕	⊕	⊕	⊕	⊕
740	⊕	⊕	⊕	⊕	⊕
750	⊕	⊕	⊕	⊕	⊕
760	⊕	⊕	⊕	⊕	⊕
770	⊕	⊕	⊕	⊕	⊕
780	⊕	⊕	⊕	⊕	⊕
790	⊕	⊕	⊕	⊕	⊕
800	⊕	⊕	⊕	⊕	⊕
810	⊕	⊕	⊕	⊕	⊕
820	⊕	⊕	⊕	⊕	⊕
830	⊕	⊕	⊕	⊕	⊕
840	⊕	⊕	⊕	⊕	⊕
850	⊕	⊕	⊕	⊕	⊕
860	⊕	⊕	⊕	⊕	⊕
870	⊕	⊕	⊕	⊕	⊕
880	⊕	⊕	⊕	⊕	⊕
890	⊕	⊕	⊕	⊕	⊕
900	⊕	⊕	⊕	⊕	⊕
910	⊕	⊕	⊕	⊕	⊕
920	⊕	⊕	⊕	⊕	⊕
930	⊕	⊕	⊕	⊕	⊕
940	⊕	⊕	⊕	⊕	⊕
950	⊕	⊕	⊕	⊕	⊕
960	⊕	⊕	⊕	⊕	⊕
970	⊕	⊕	⊕	⊕	⊕
980	⊕	⊕	⊕	⊕	⊕
990	⊕	⊕	⊕	⊕	⊕
1000	⊕	⊕	⊕	⊕	⊕



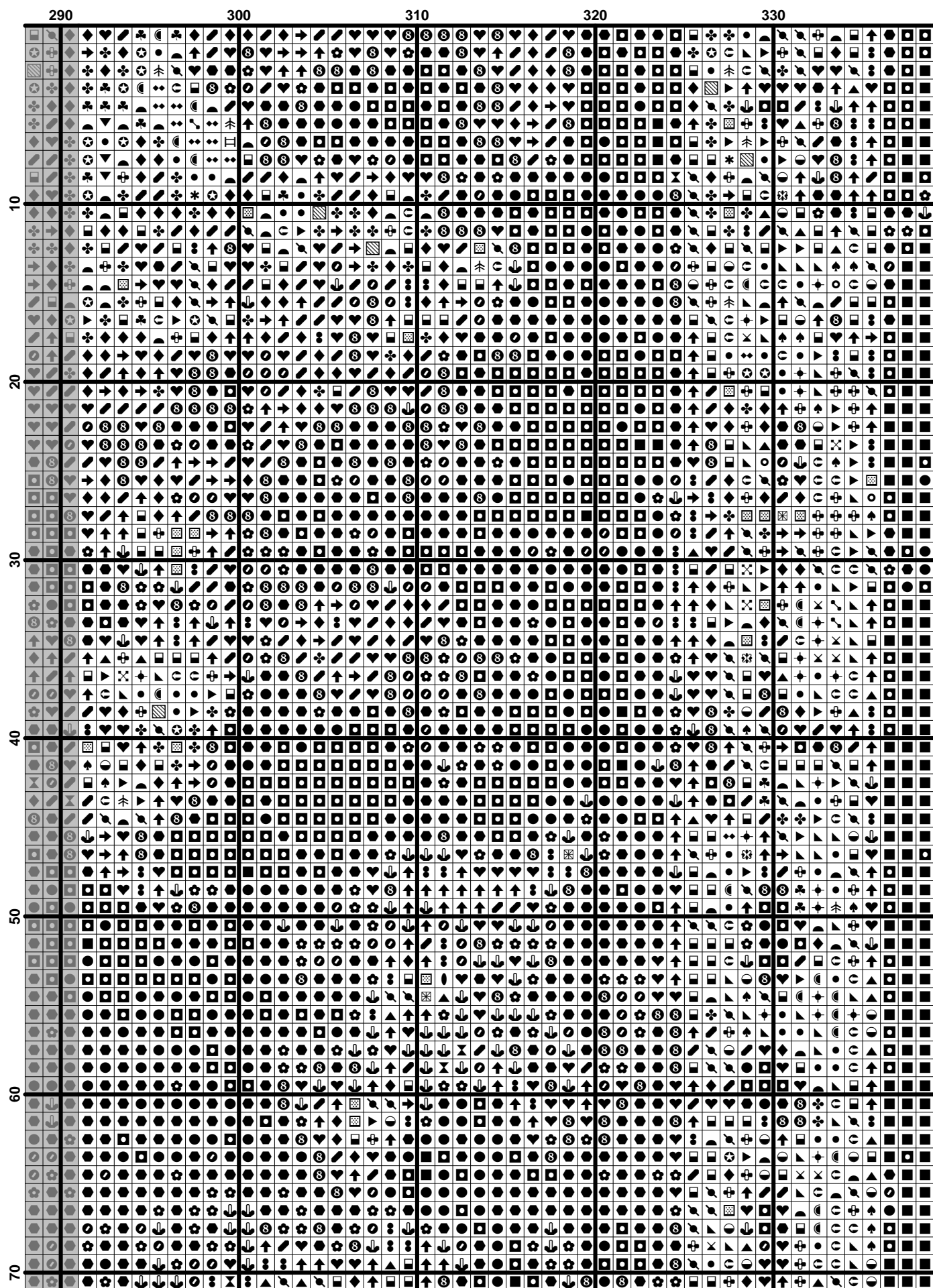


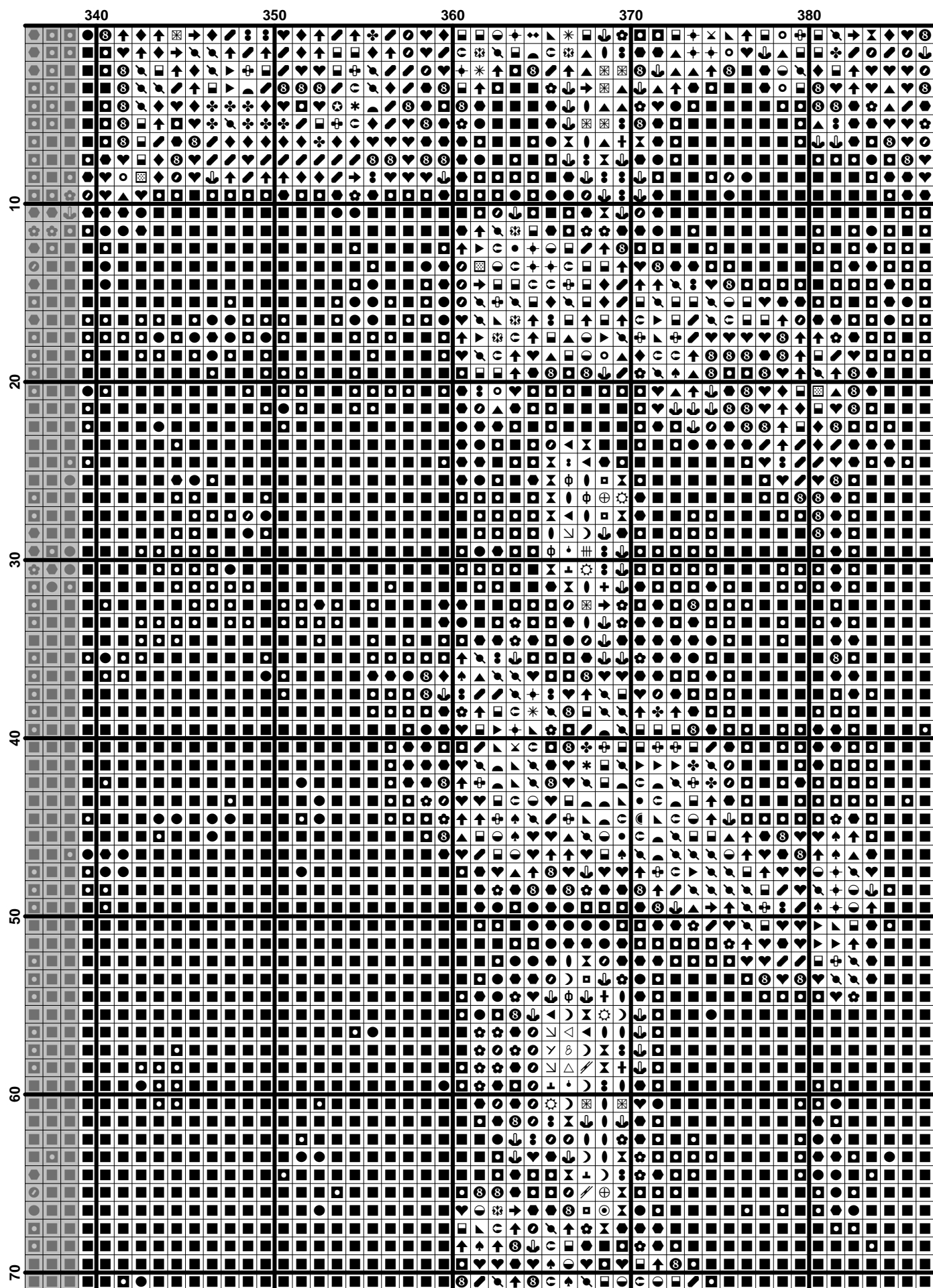


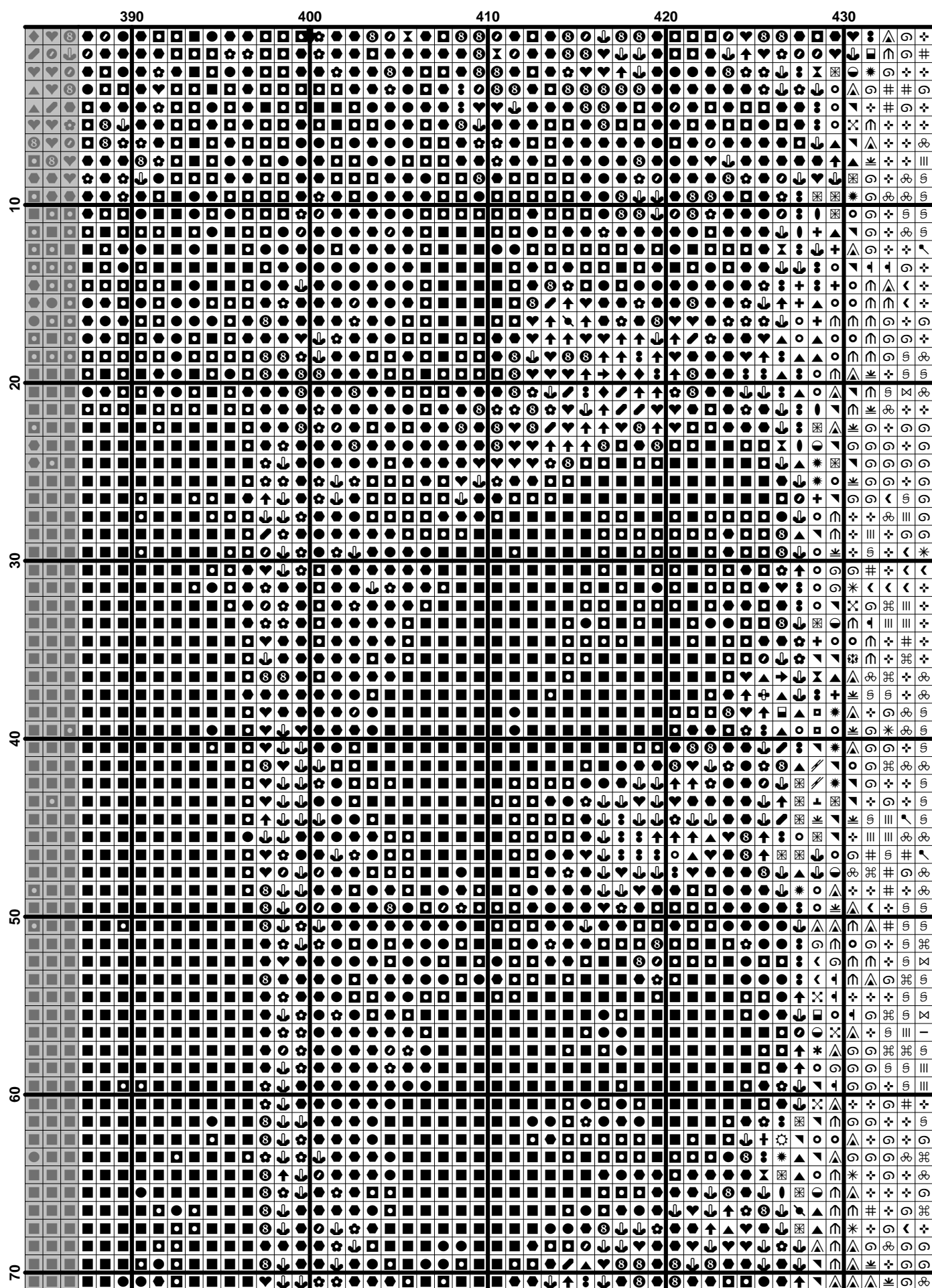












[illegible]

	480	490	500	510	520	530
10	♠	♠	♠	♠	♠	♠
20	♠	♠	♠	♠	♠	♠
30	♠	♠	♠	♠	♠	♠
40	♠	♠	♠	♠	♠	♠
50	♠	♠	♠	♠	♠	♠
60	♠	♠	♠	♠	♠	♠
70	♠	♠	♠	♠	♠	♠

[illegible]



	580	590	600	610	620
10	△	△	△	△	△
20	△	△	△	△	△
30	△	△	△	△	△
40	△	△	△	△	△
50	△	△	△	△	△
60	△	△	△	△	△
70	△	△	△	△	△

	630										640										650										660										670									
10																																																		
20																																																		
30																																																		
40																																																		
50																																																		
60																																																		
70																																																		

	680																690																700																710																720															
10																																																																																
20																																																																																
30																																																																																
40																																																																																
50																																																																																
60																																																																																
70																																																																																

	720	730	740	750	760	770
10						
20						
30						
40						
50						
60						
70						

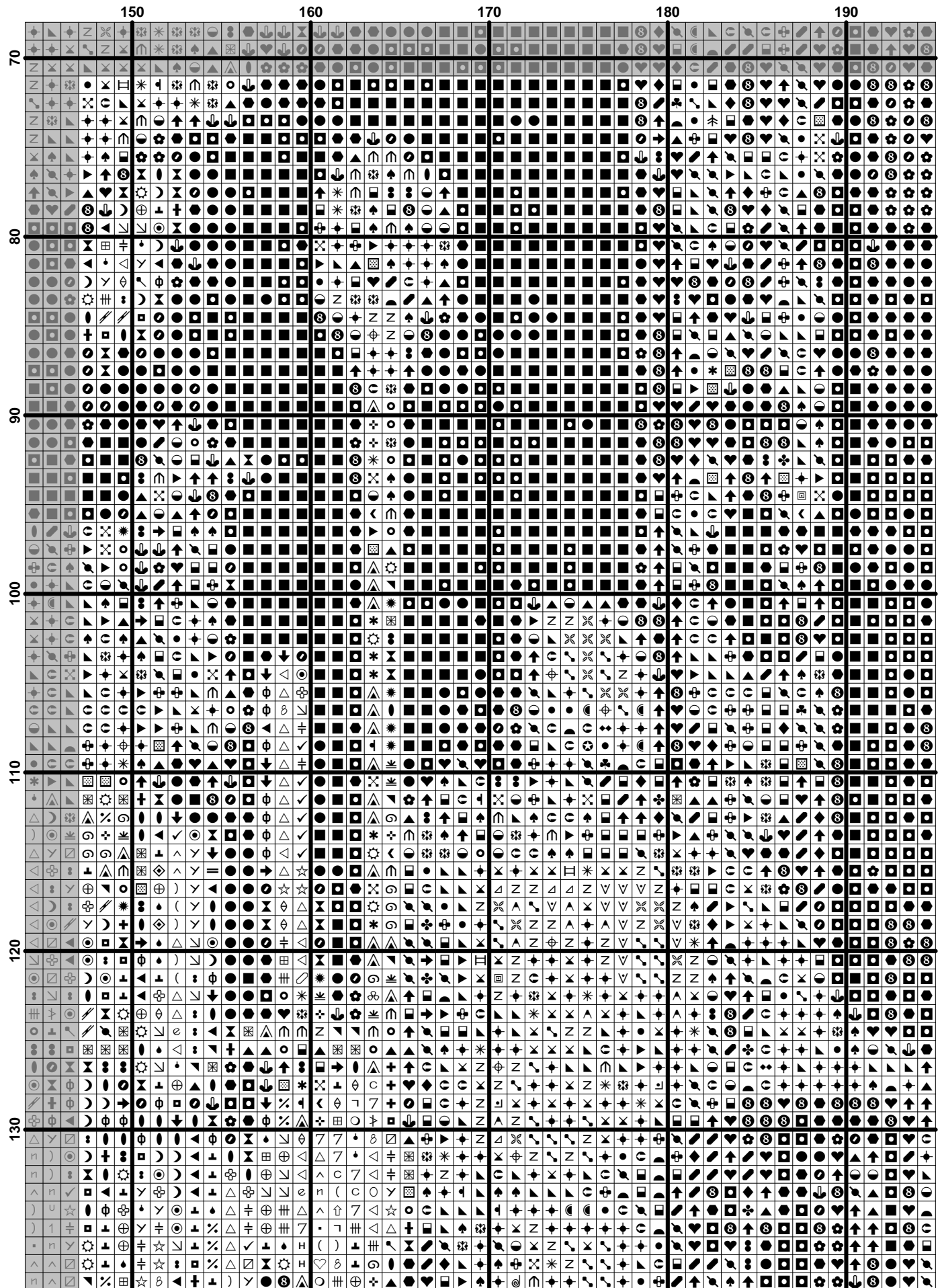
[illegible]

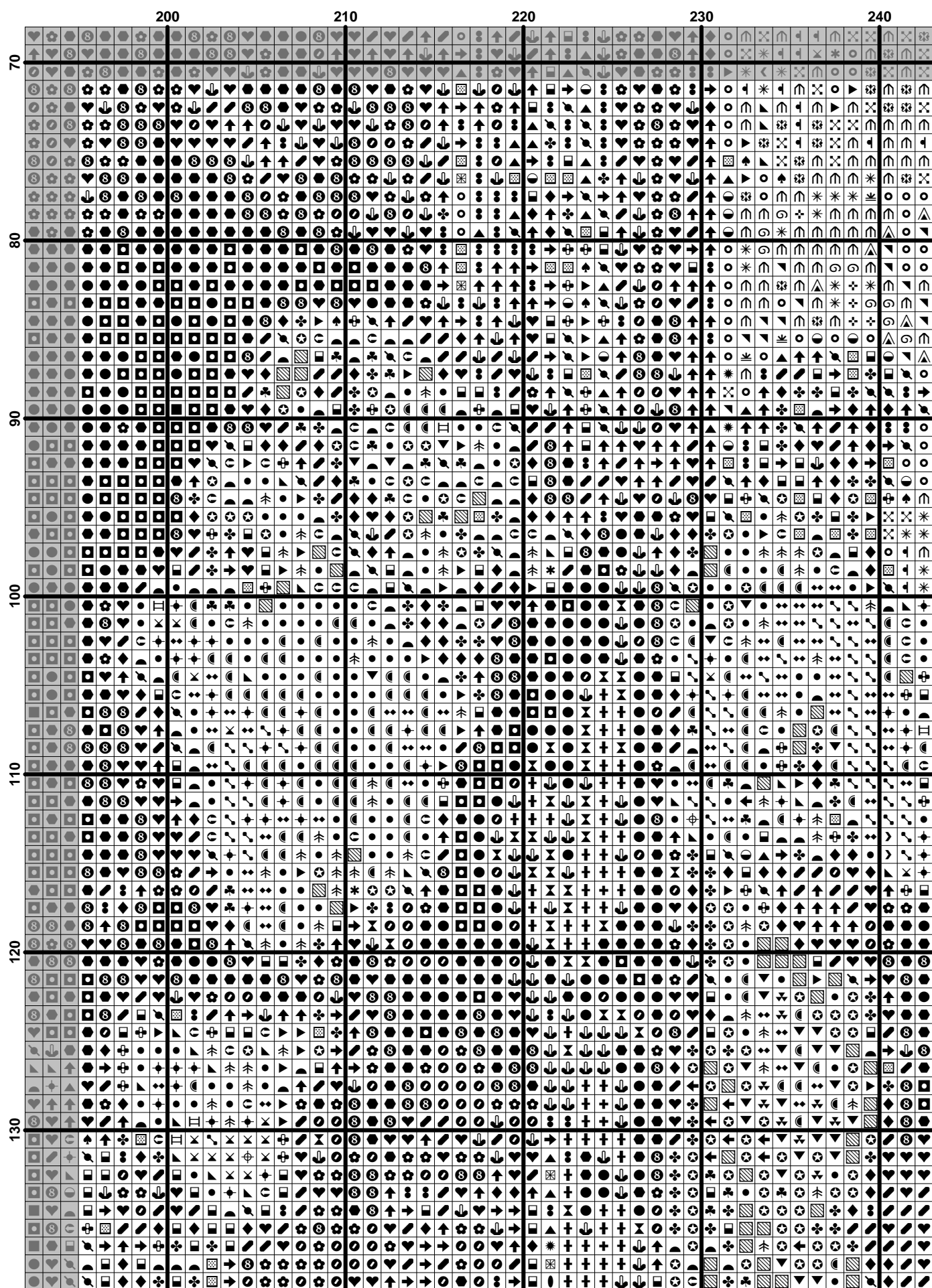
[illegible]

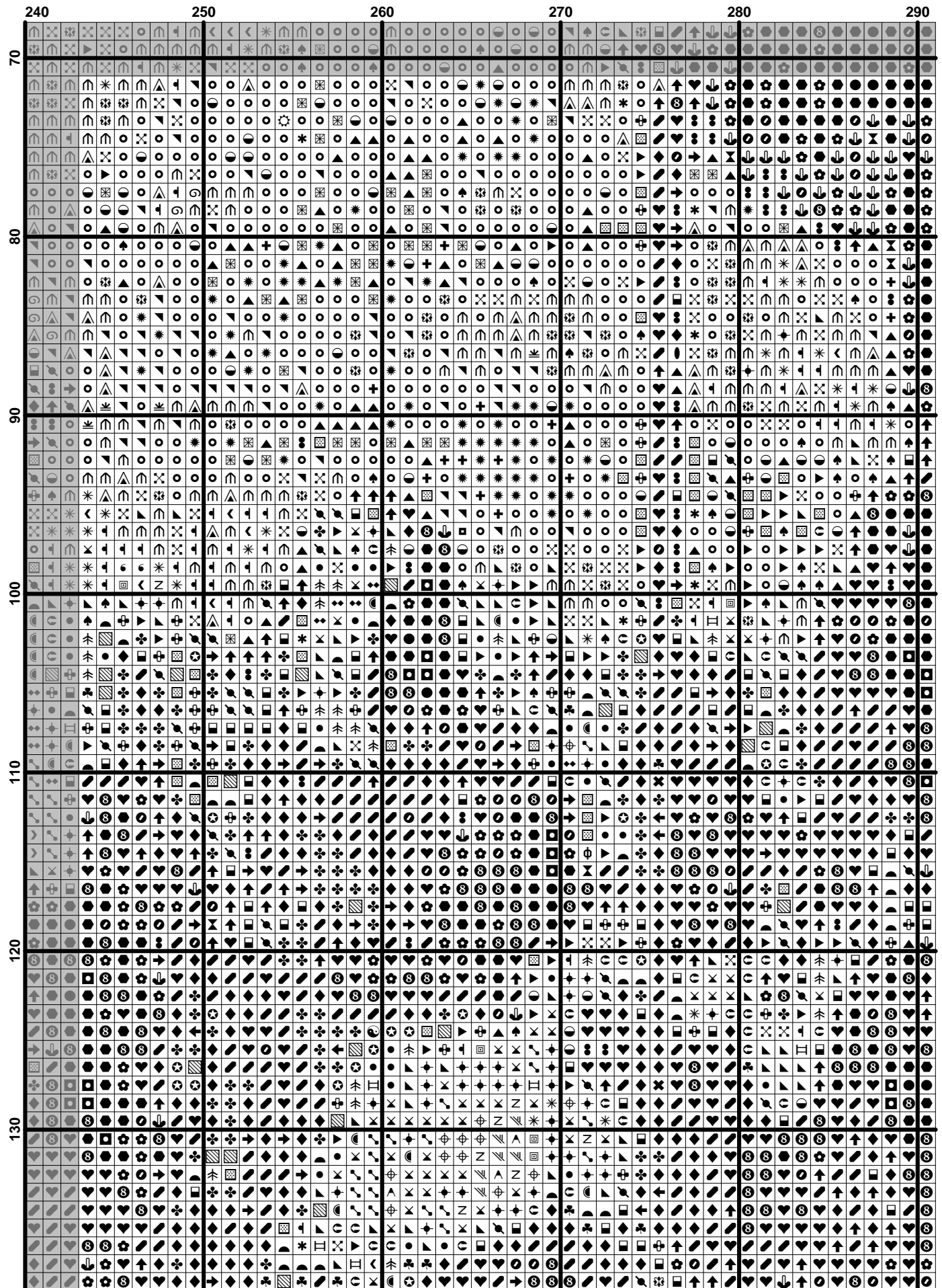


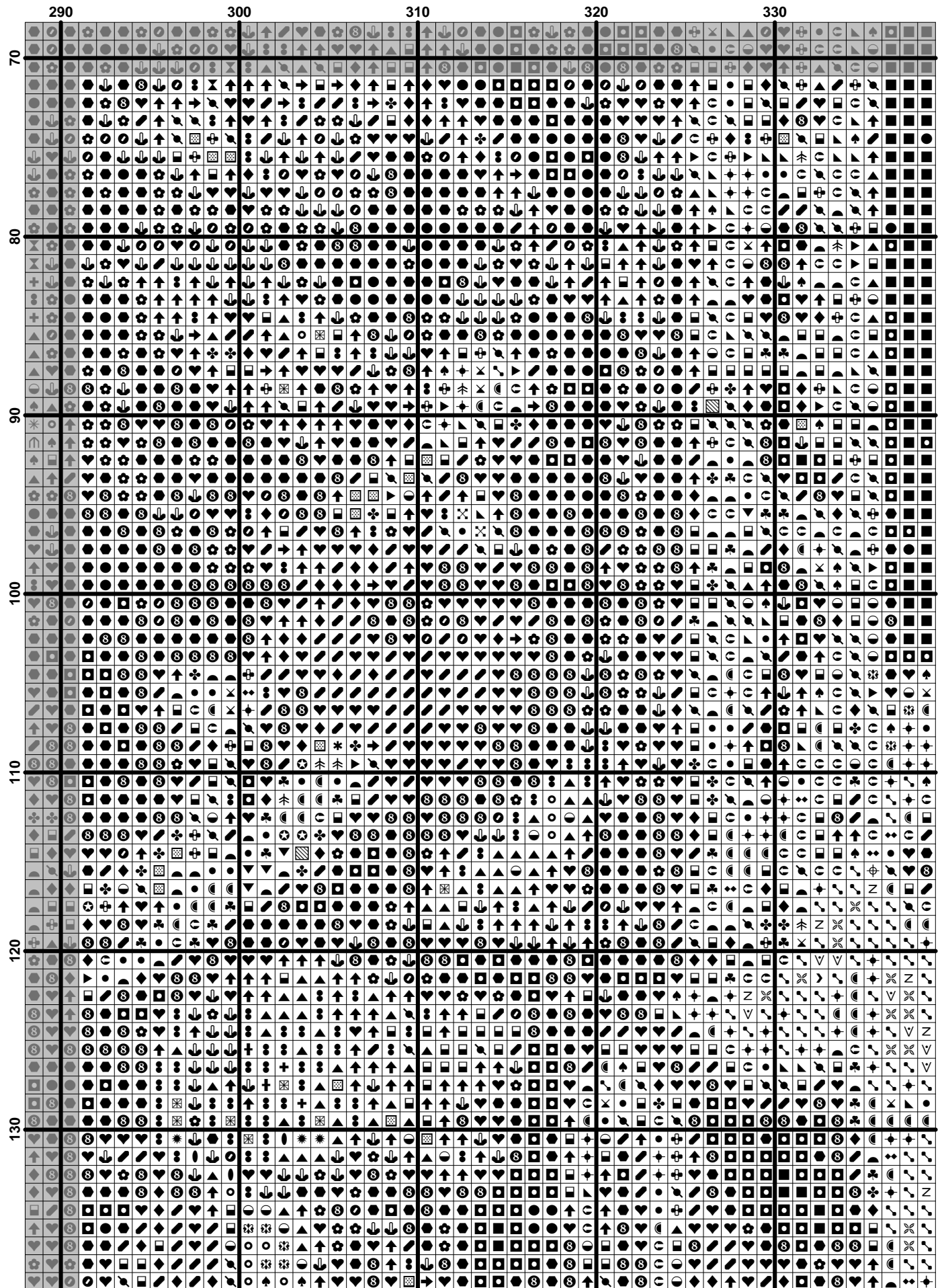
	50	60	70	80	90
70					
80					
90					
100					
110					
120					
130					

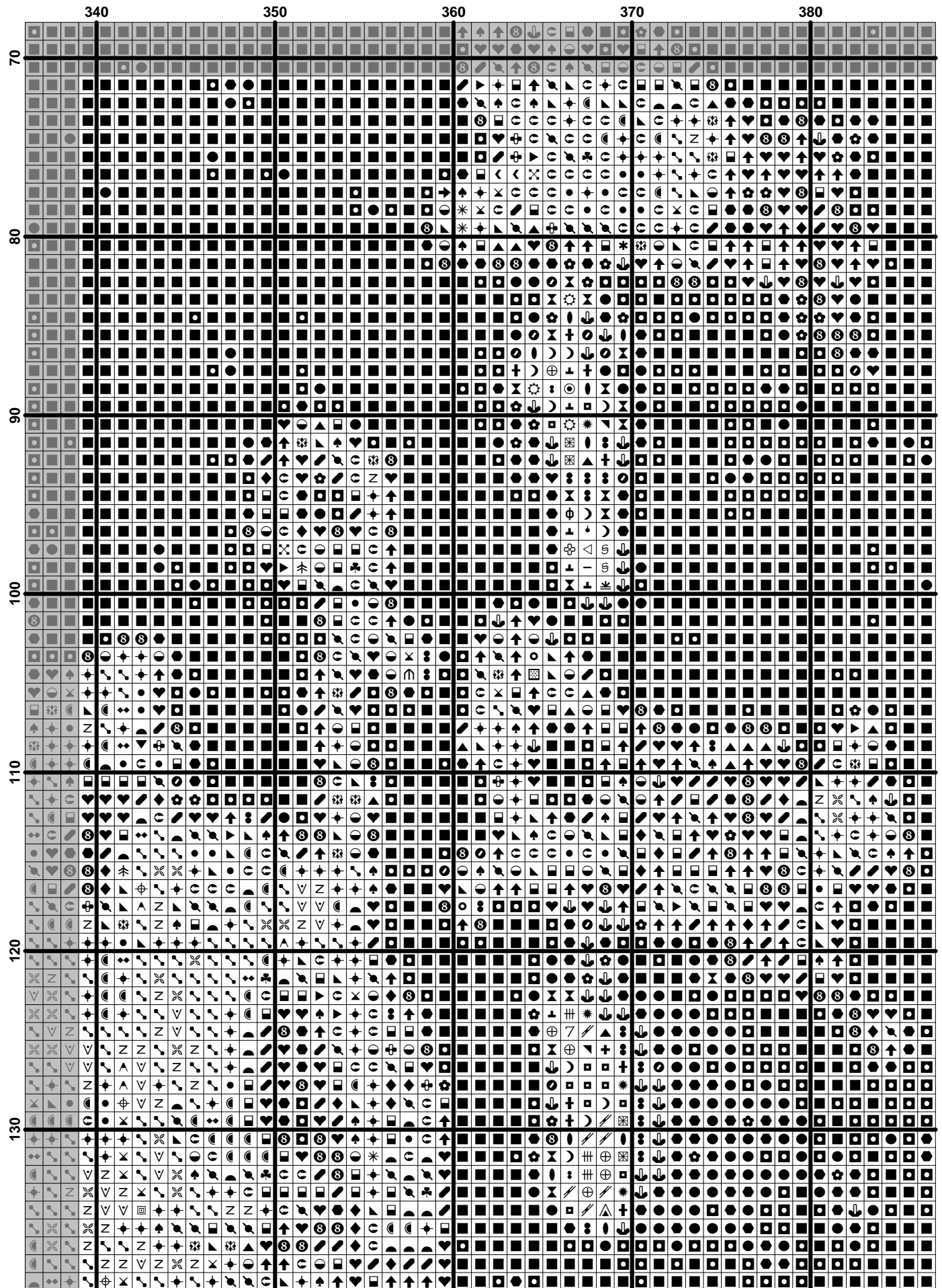
	100	110	120	130	140
70					
80					
90					
100					
110					
120					
130					



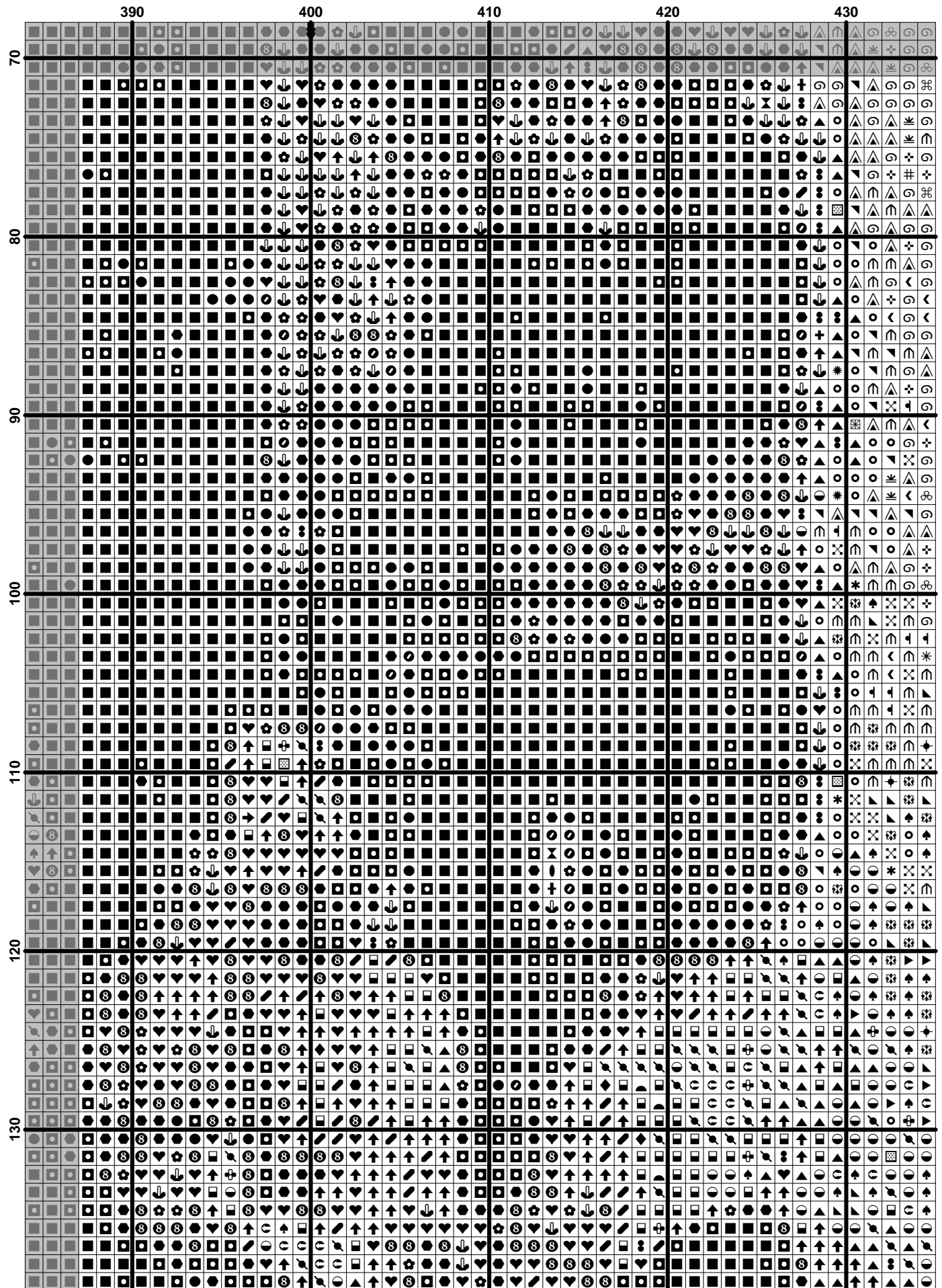












[illegible]

(46)

	530	540	550	560	570
70	?	?	?	?	?
71	?	?	?	?	?
72	?	?	?	?	?
73	?	?	?	?	?
74	?	?	?	?	?
75	?	?	?	?	?
76	?	?	?	?	?
77	?	?	?	?	?
78	?	?	?	?	?
79	?	?	?	?	?
80	?	?	?	?	?
81	?	?	?	?	?
82	?	?	?	?	?
83	?	?	?	?	?
84	?	?	?	?	?
85	?	?	?	?	?
86	?	?	?	?	?
87	?	?	?	?	?
88	?	?	?	?	?
89	?	?	?	?	?
90	?	?	?	?	?
91	?	?	?	?	?
92	?	?	?	?	?
93	?	?	?	?	?
94	?	?	?	?	?
95	?	?	?	?	?
96	?	?	?	?	?
97	?	?	?	?	?
98	?	?	?	?	?
99	?	?	?	?	?
100	?	?	?	?	?
101	?	?	?	?	?
102	?	?	?	?	?
103	?	?	?	?	?
104	?	?	?	?	?
105	?	?	?	?	?
106	?	?	?	?	?
107	?	?	?	?	?
108	?	?	?	?	?
109	?	?	?	?	?
110	?	?	?	?	?
111	?	?	?	?	?
112	?	?	?	?	?
113	?	?	?	?	?
114	?	?	?	?	?
115	?	?	?	?	?
116	?	?	?	?	?
117	?	?	?	?	?
118	?	?	?	?	?
119	?	?	?	?	?
120	?	?	?	?	?
121	?	?	?	?	?
122	?	?	?	?	?
123	?	?	?	?	?
124	?	?	?	?	?
125	?	?	?	?	?
126	?	?	?	?	?
127	?	?	?	?	?
128	?	?	?	?	?
129	?	?	?	?	?
130	?	?	?	?	?
131	?	?	?	?	?
132	?	?	?	?	?
133	?	?	?	?	?
134	?	?	?	?	?
135	?	?	?	?	?
136	?	?	?	?	?
137	?	?	?	?	?
138	?	?	?	?	?
139	?	?	?	?	?
140	?	?	?	?	?
141	?	?	?	?	?
142	?	?	?	?	?
143	?	?	?	?	?
144	?	?	?	?	?
145	?	?	?	?	?
146	?	?	?	?	?
147	?	?	?	?	?
148	?	?	?	?	?
149	?	?	?	?	?
150	?	?	?	?	?

[illegible]

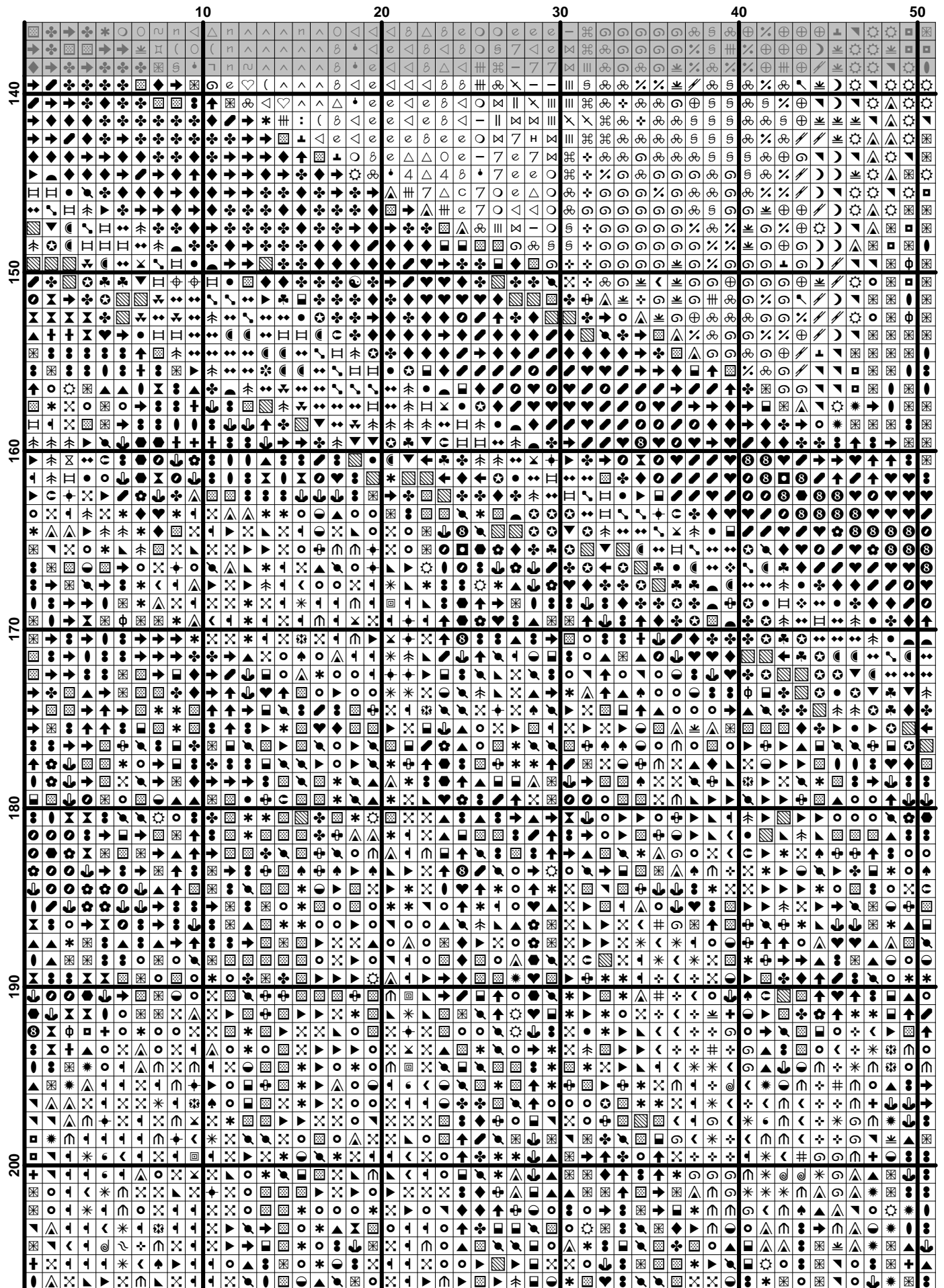
[illegible]

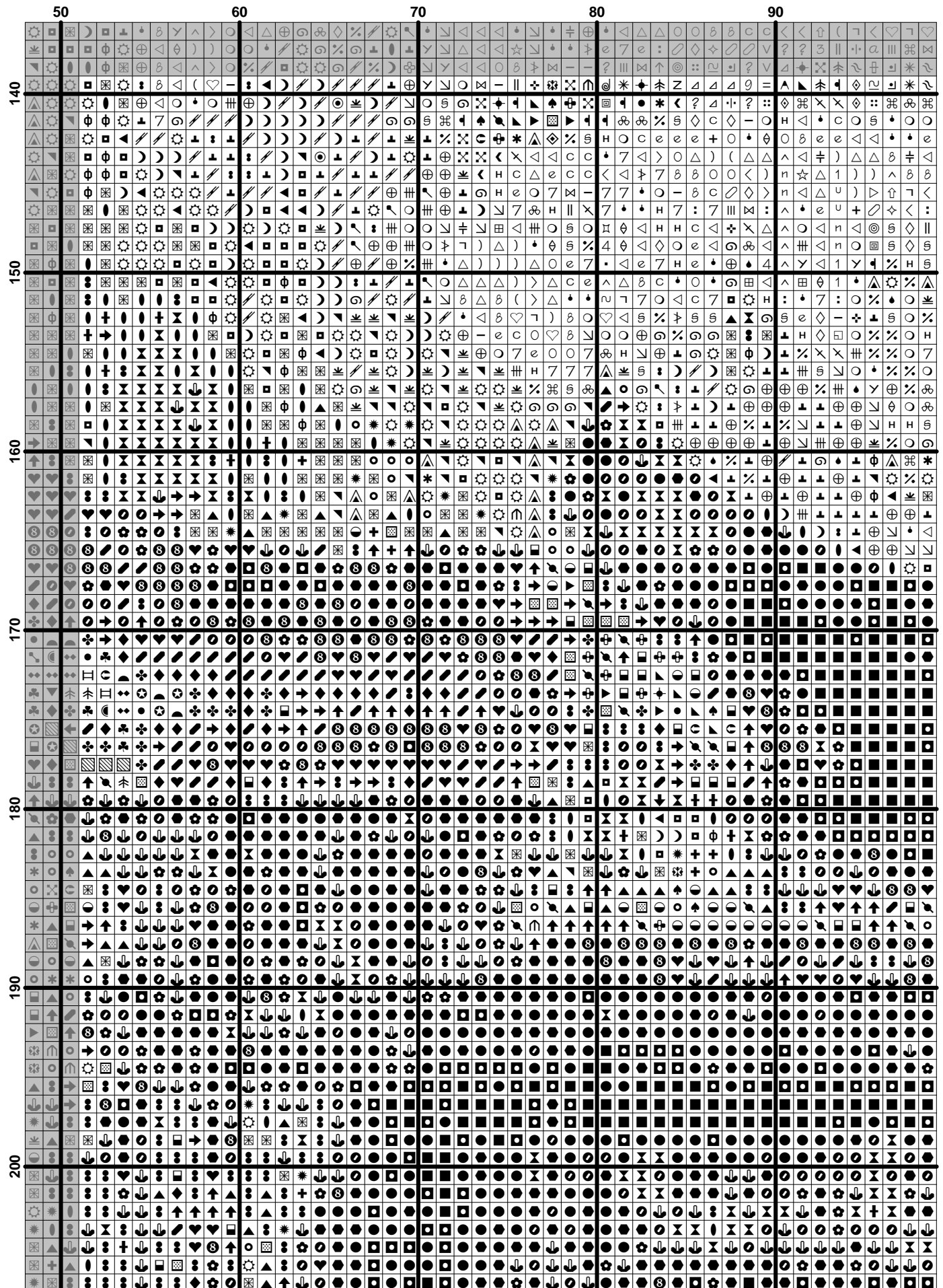
[illegible]



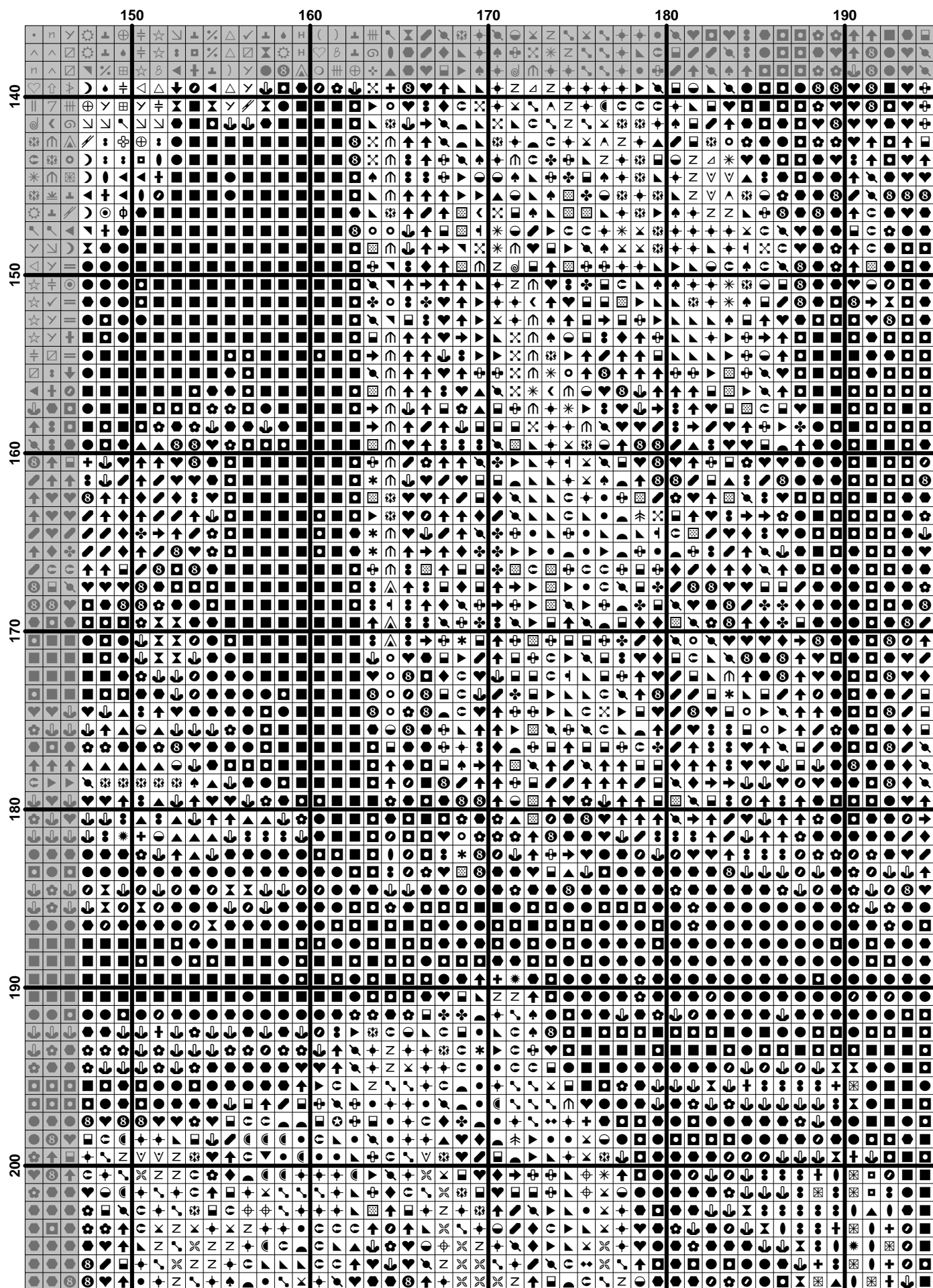
[illegible]

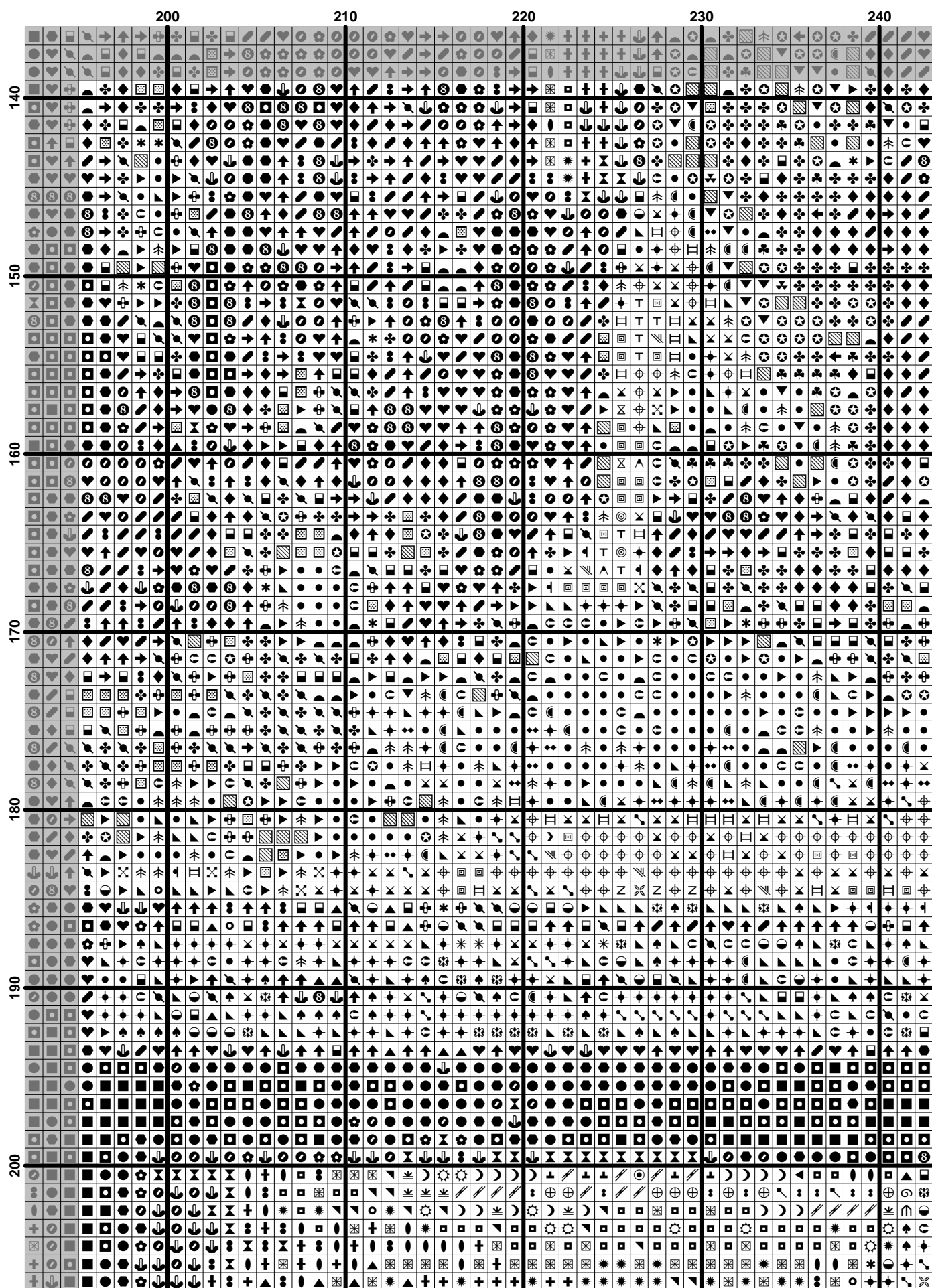
	770	780	790	800
70	...	...	...	...
80	...	...	...	...
90	...	...	...	...
100	...	...	...	...
110	...	...	...	...
120	...	...	...	...
130	...	...	...	...



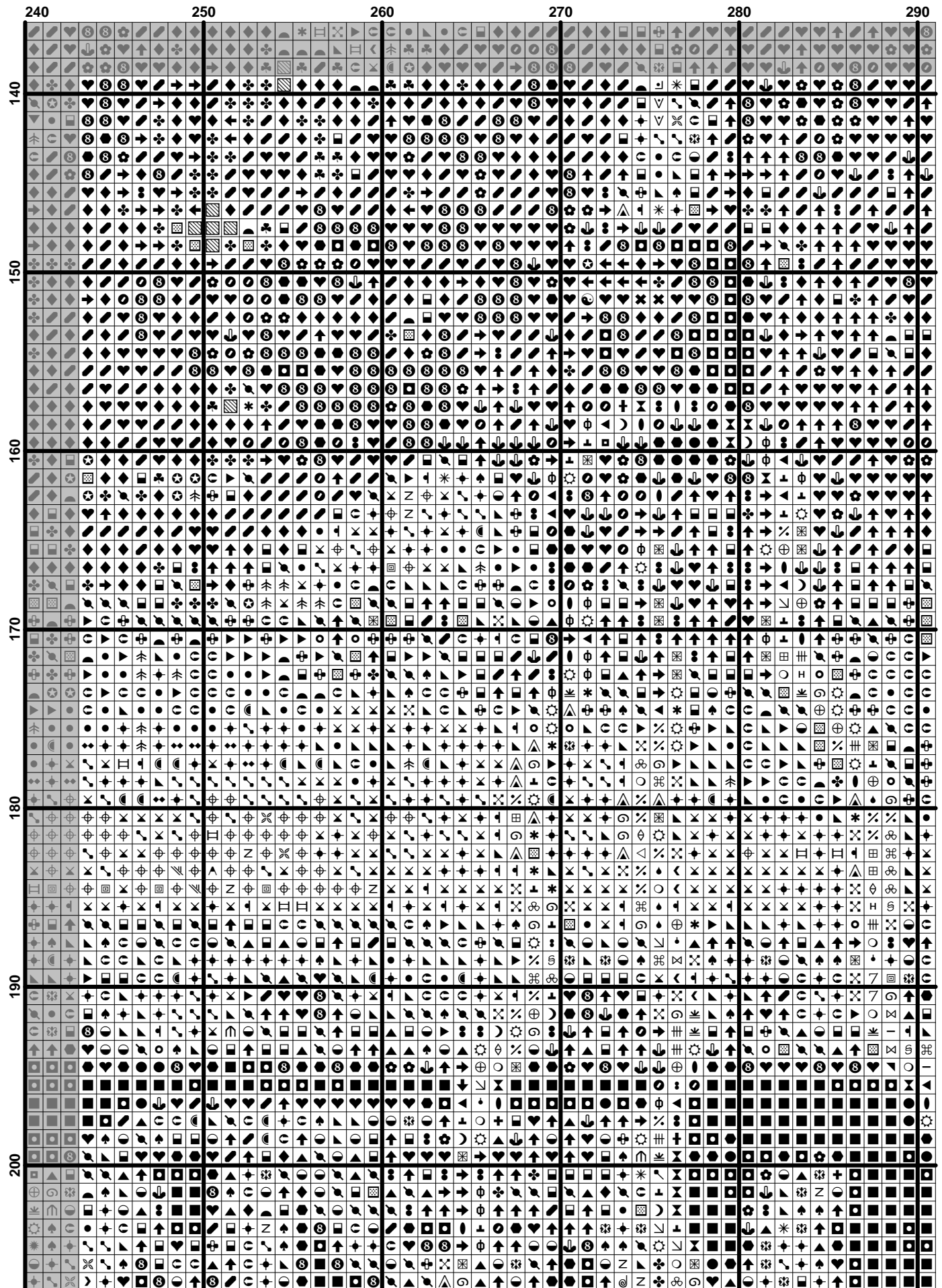


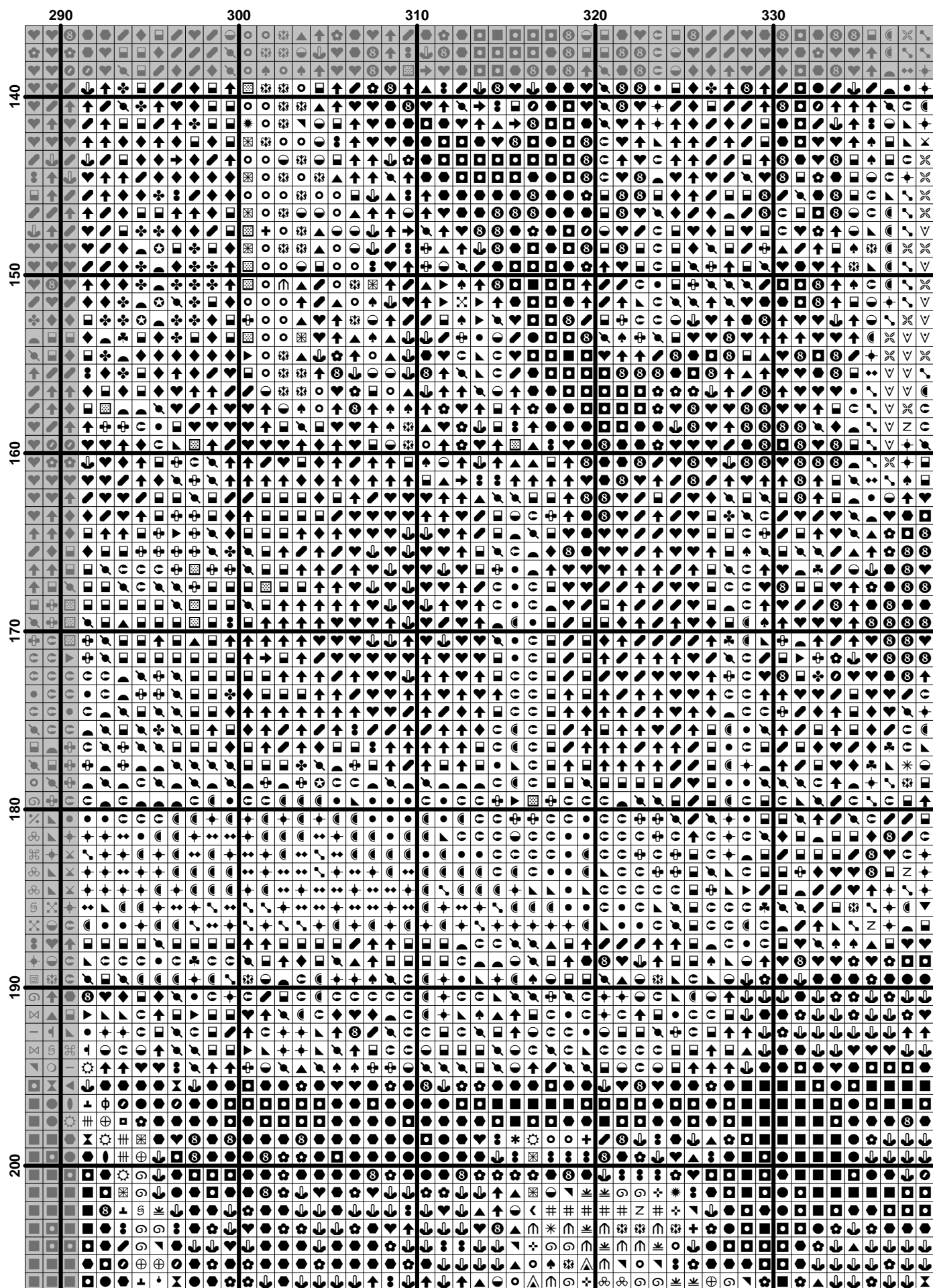
	100	110	120	130	140
140					
150					
160					
170					
180					
190					
200					

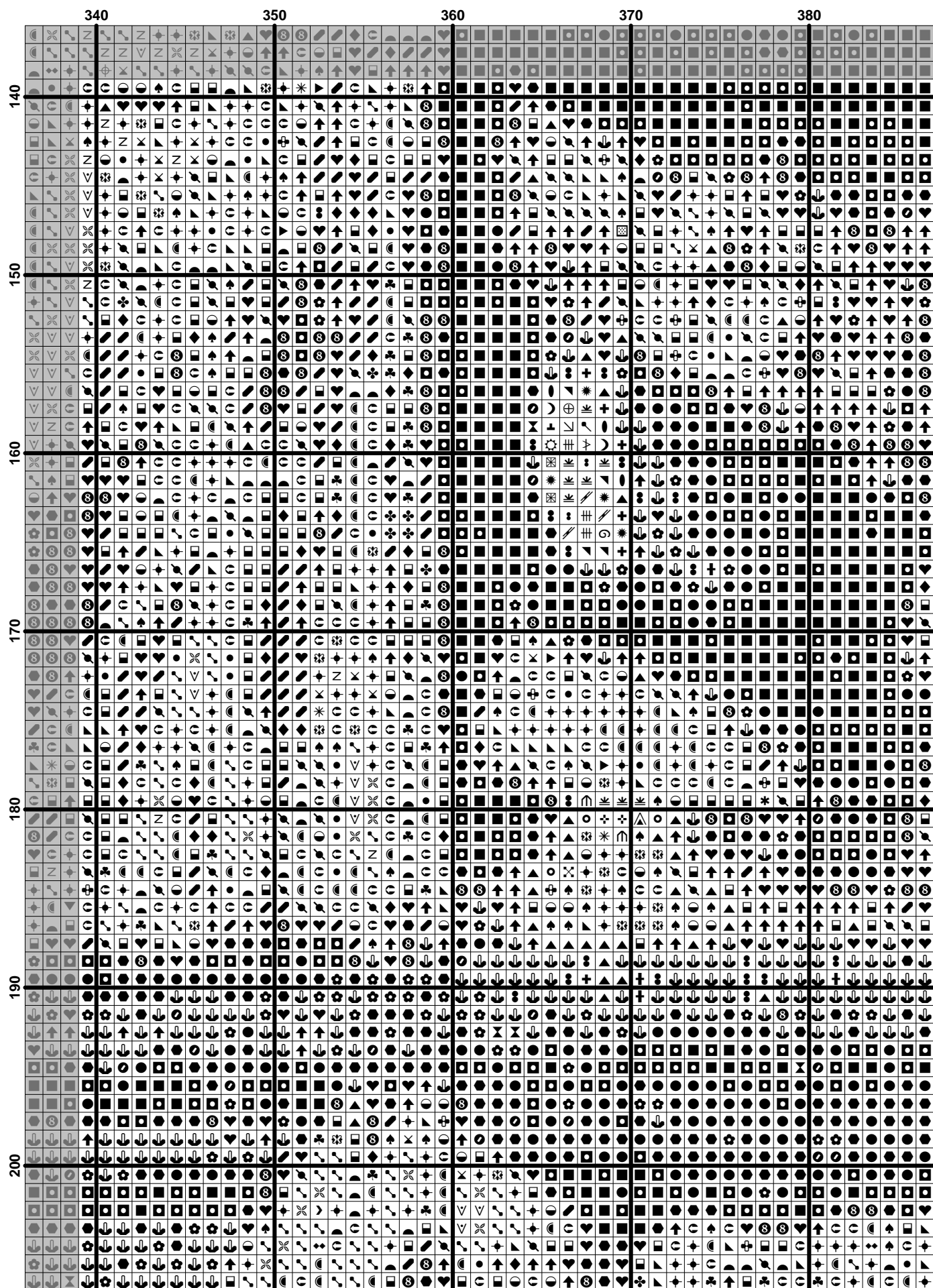


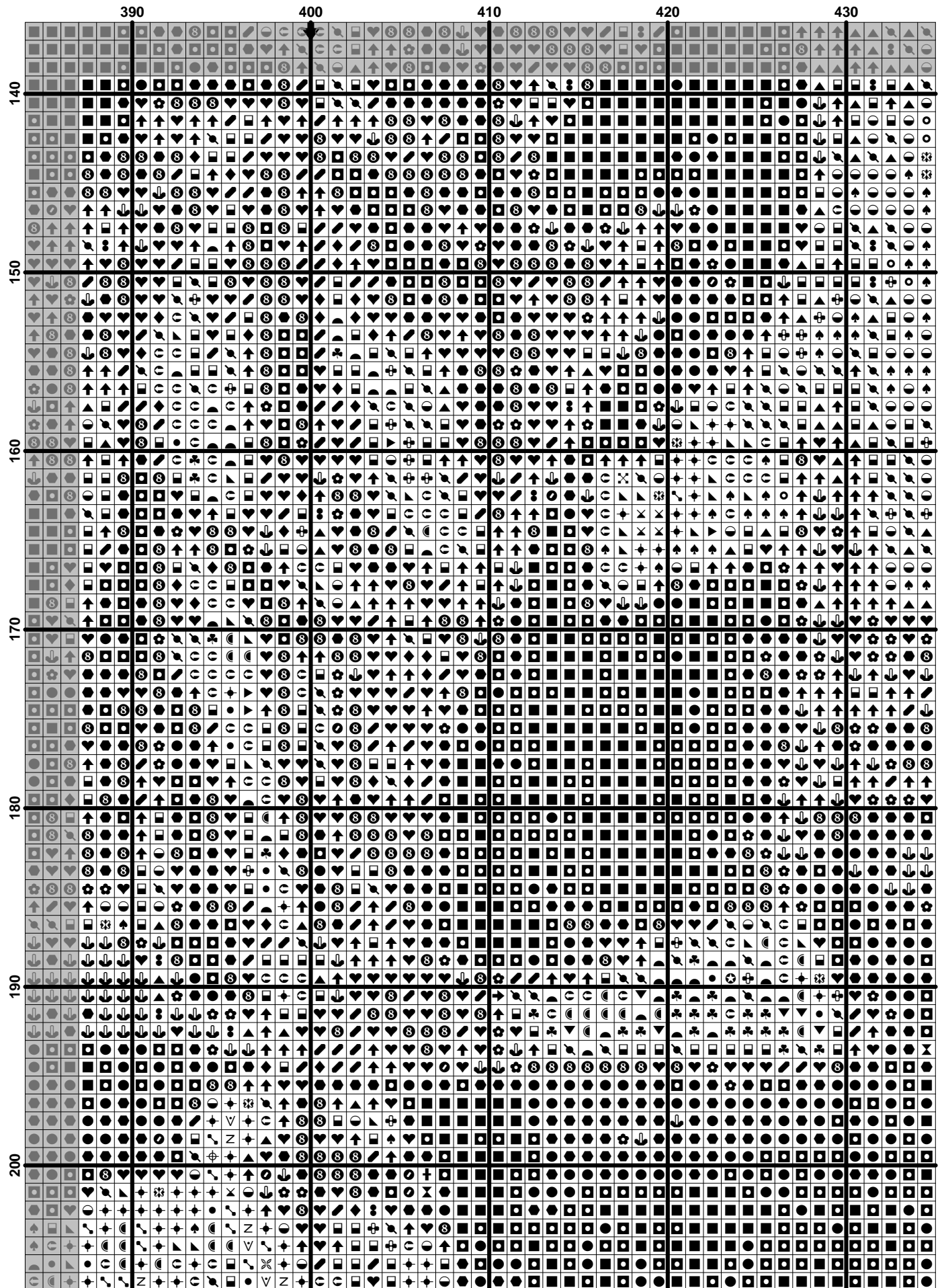


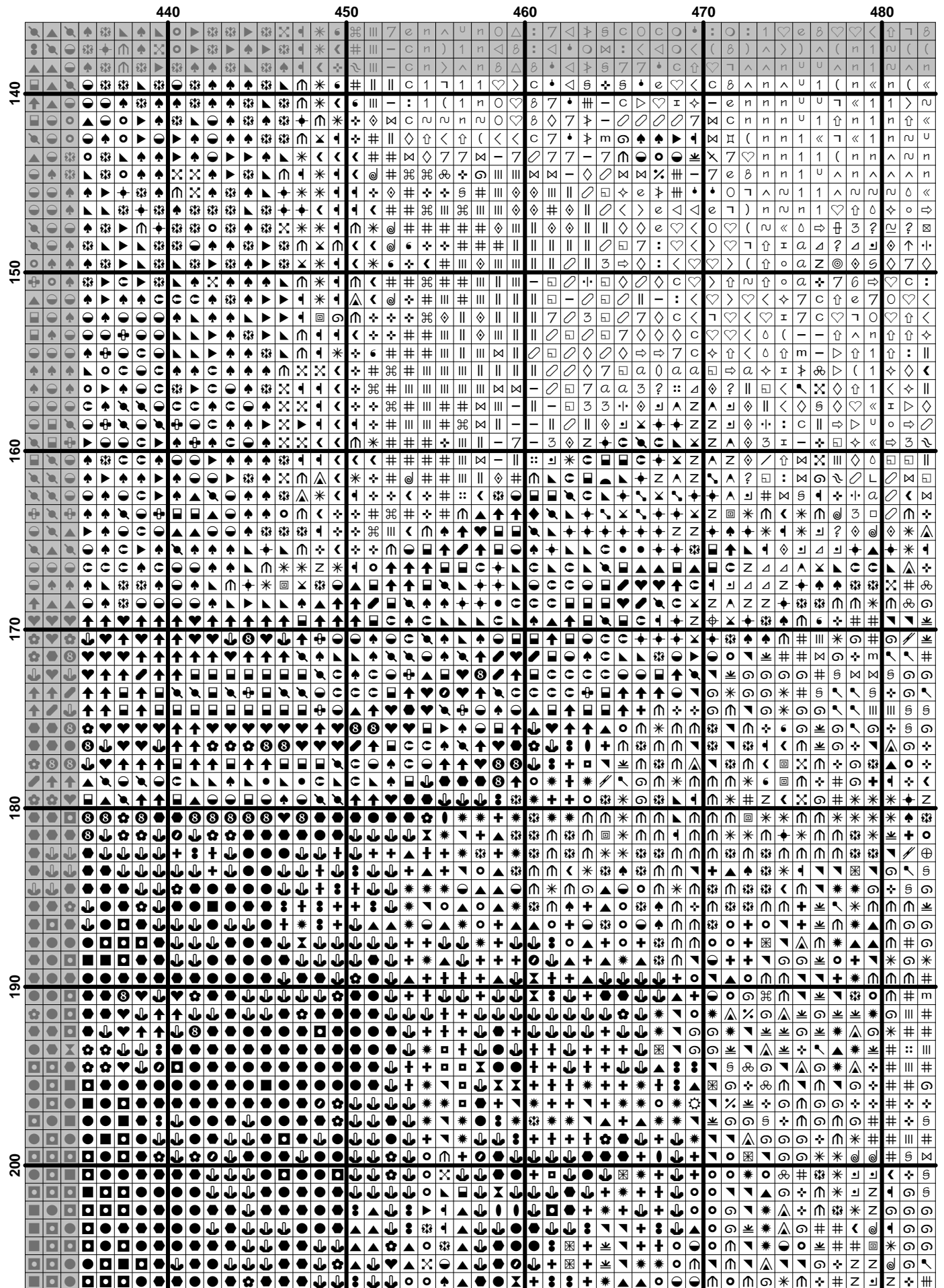












[illegible]

[illegible]



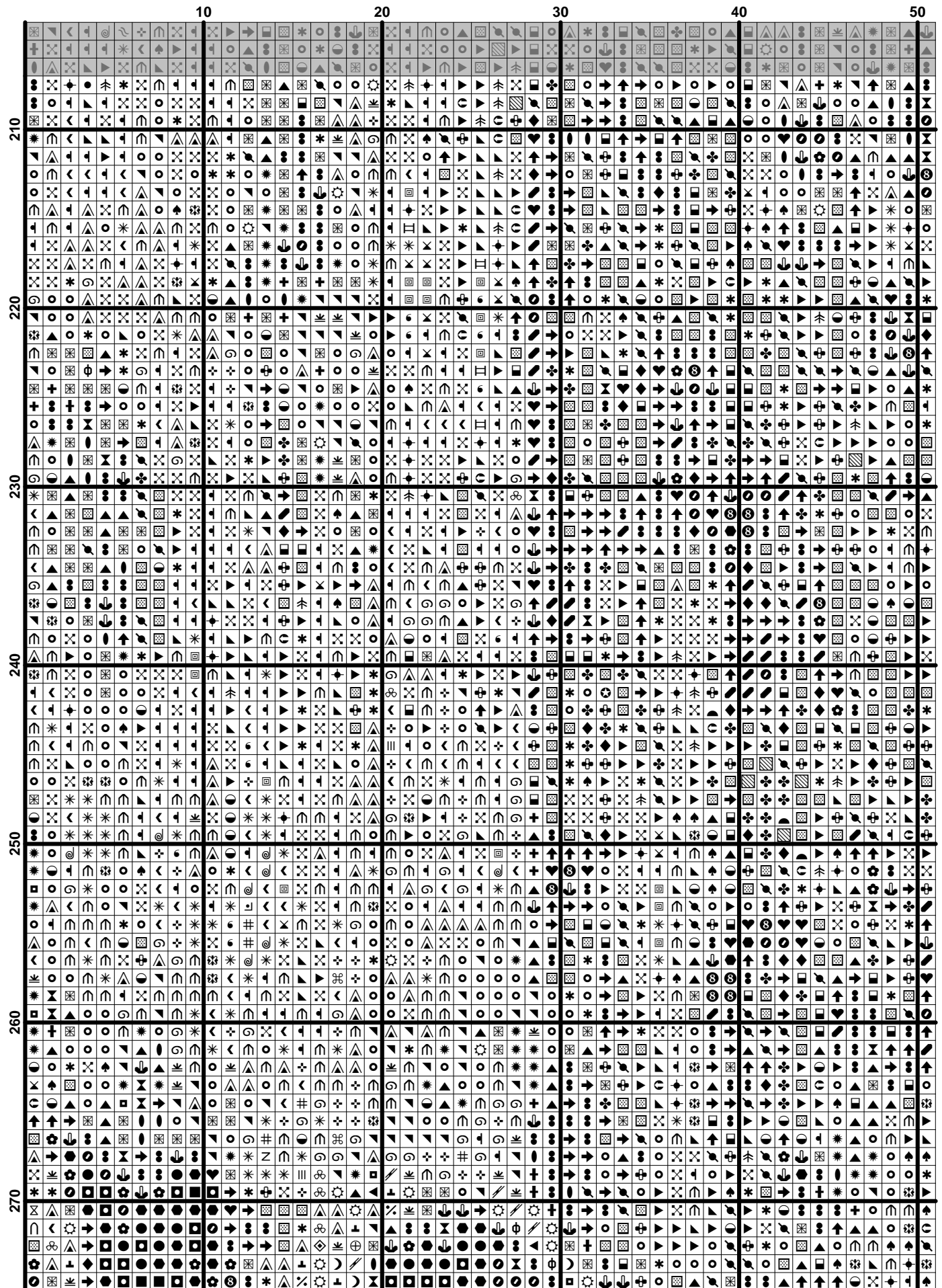
[illegible]

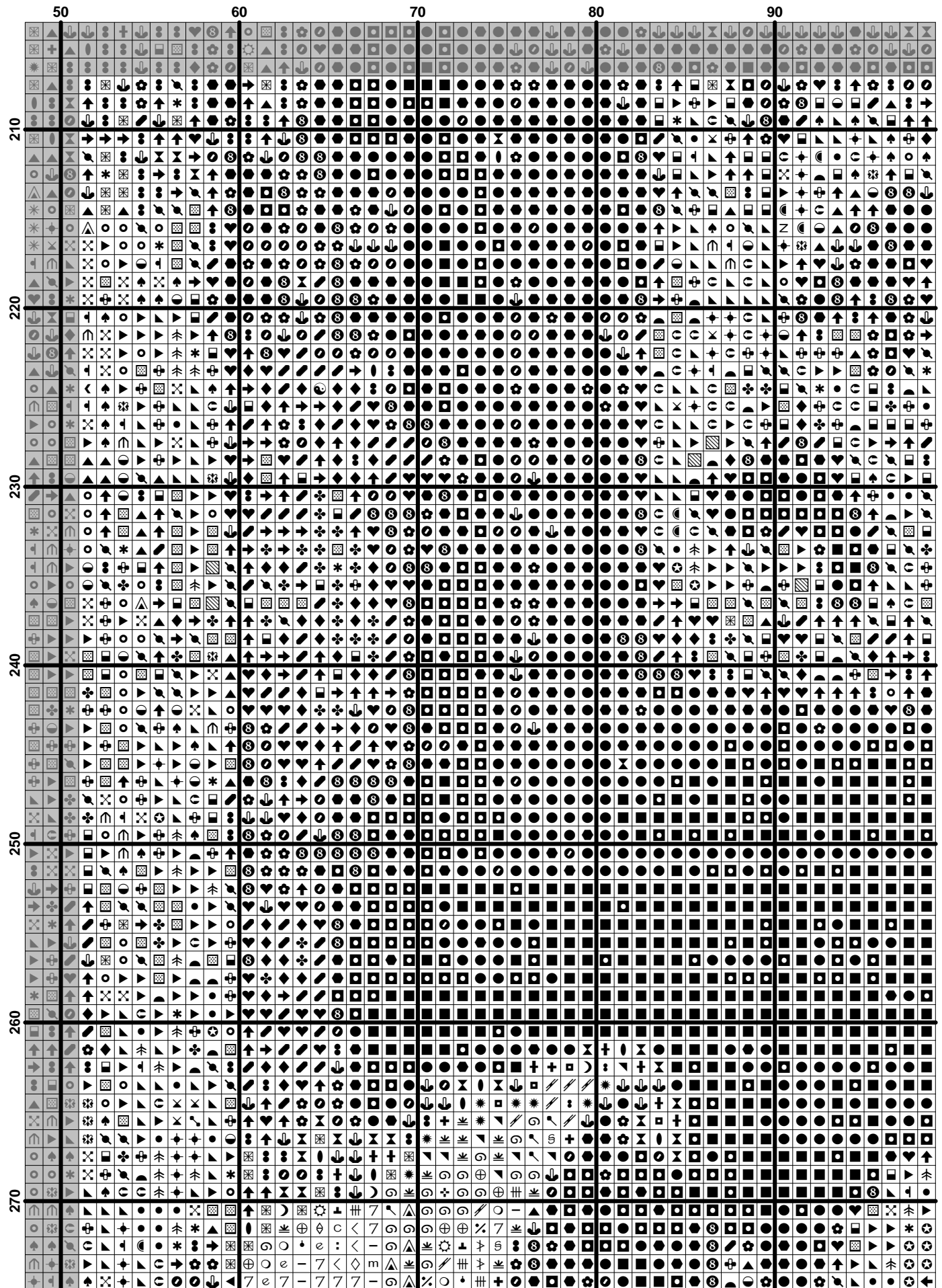
[illegible]

$$(66) \quad \text{[...]} \quad (67)$$

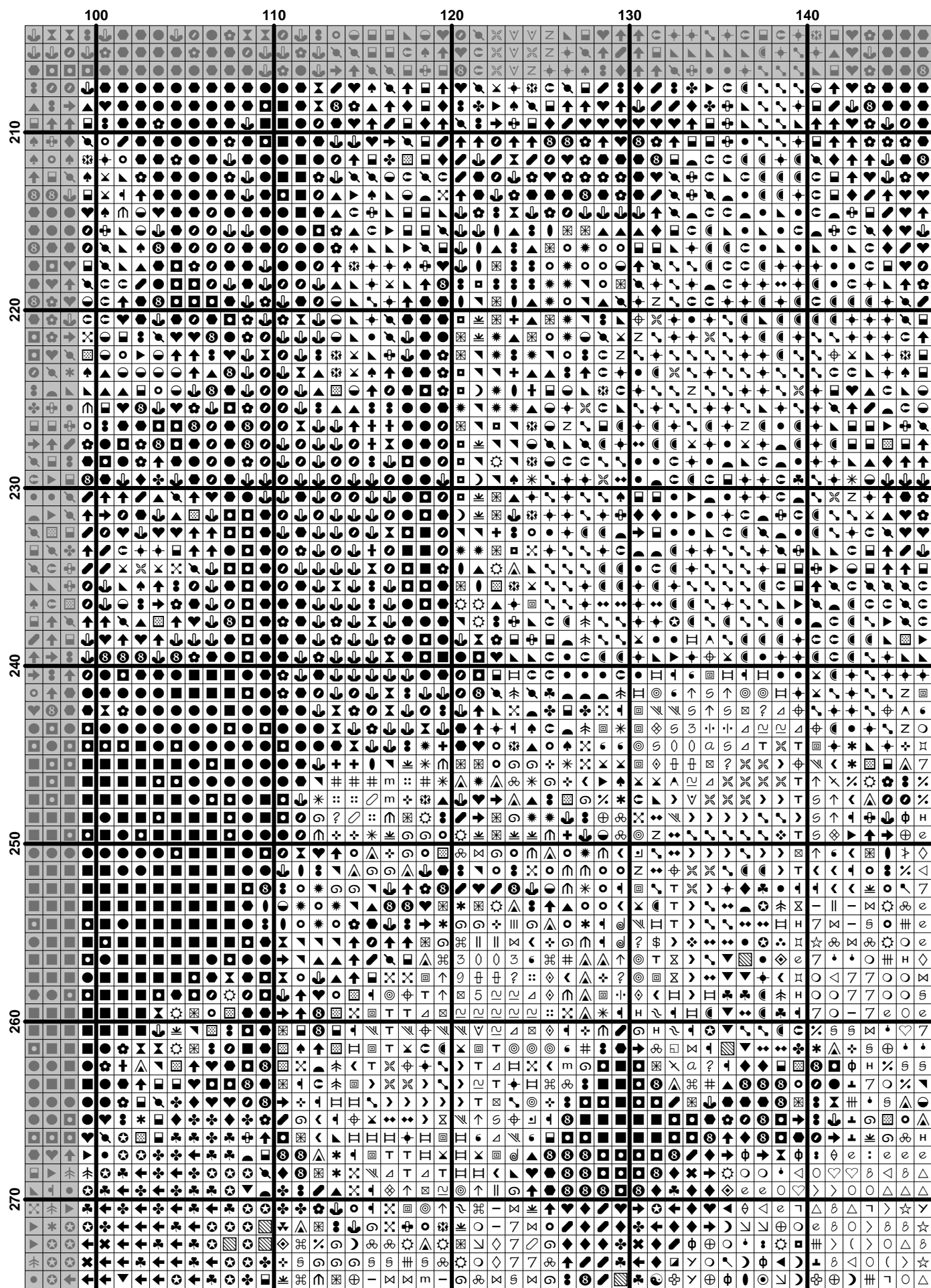


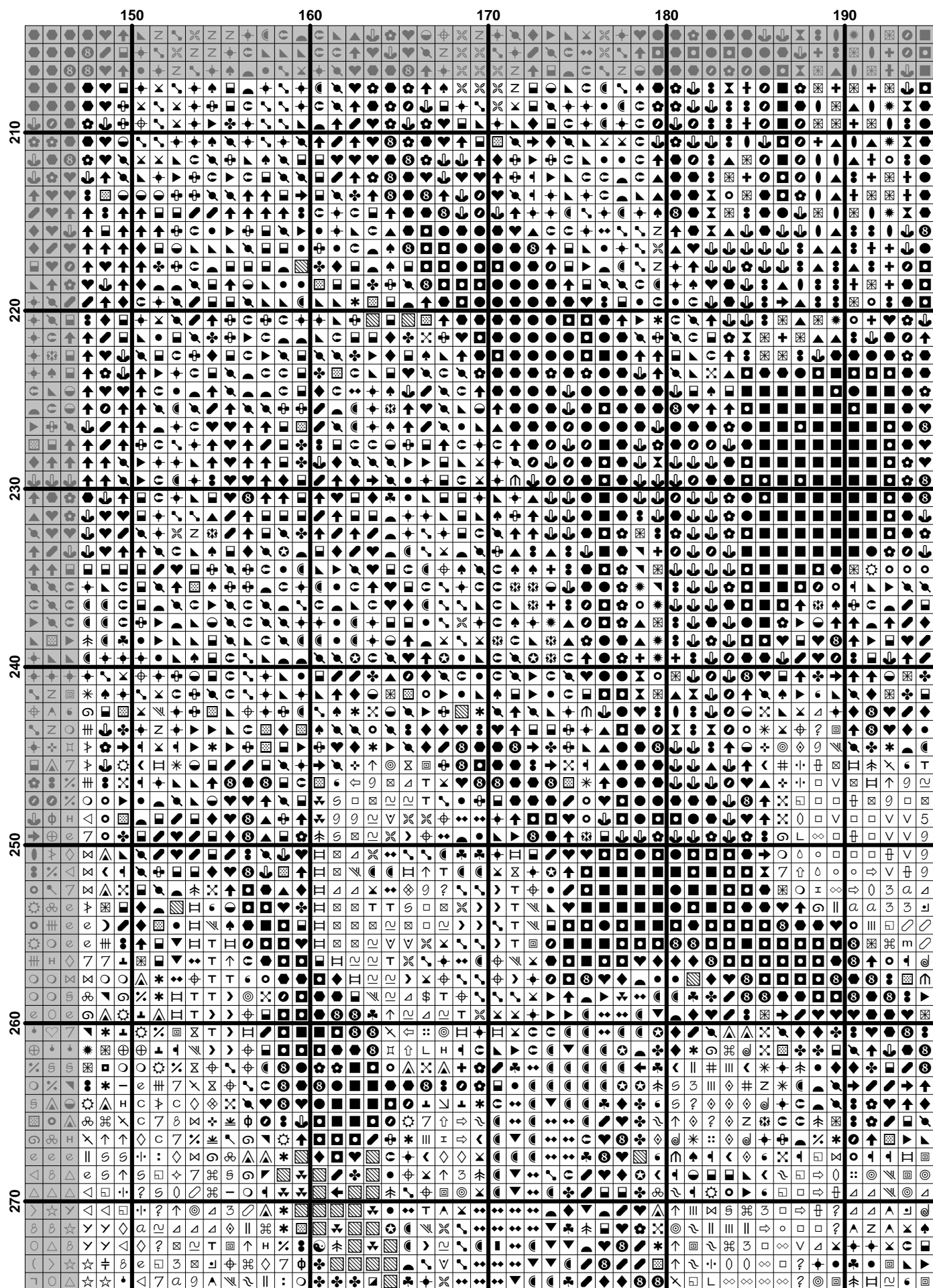
(68)

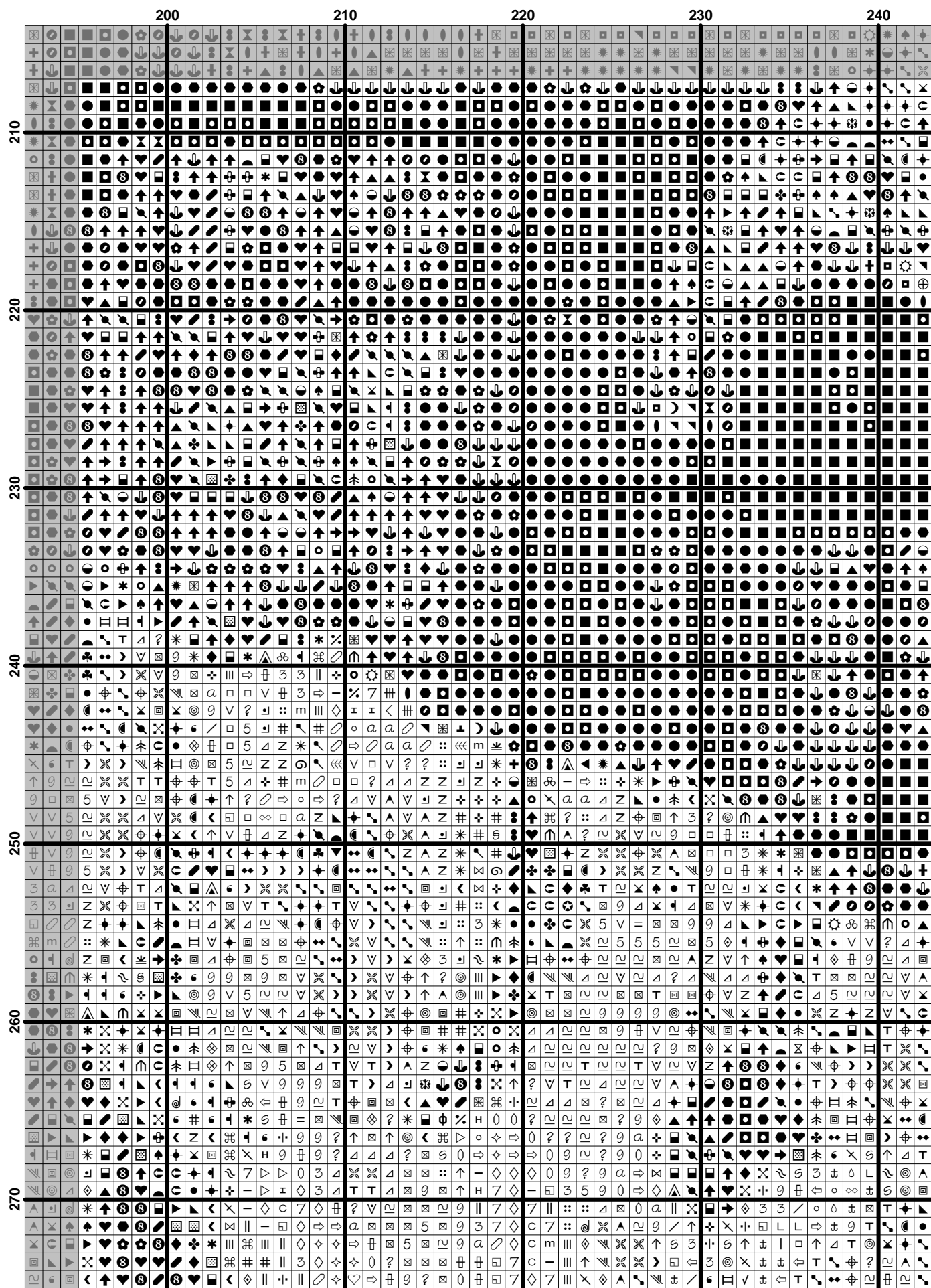


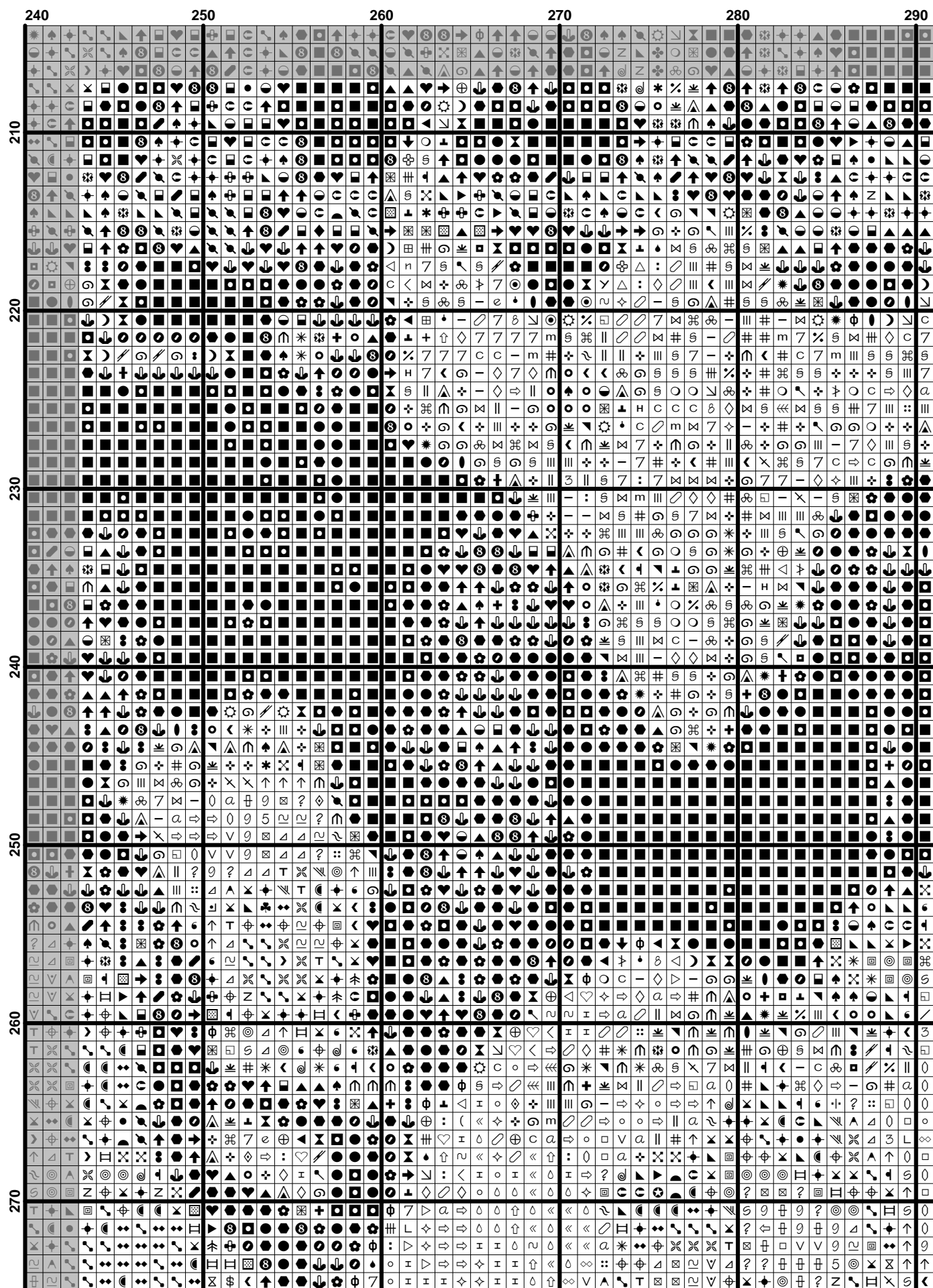


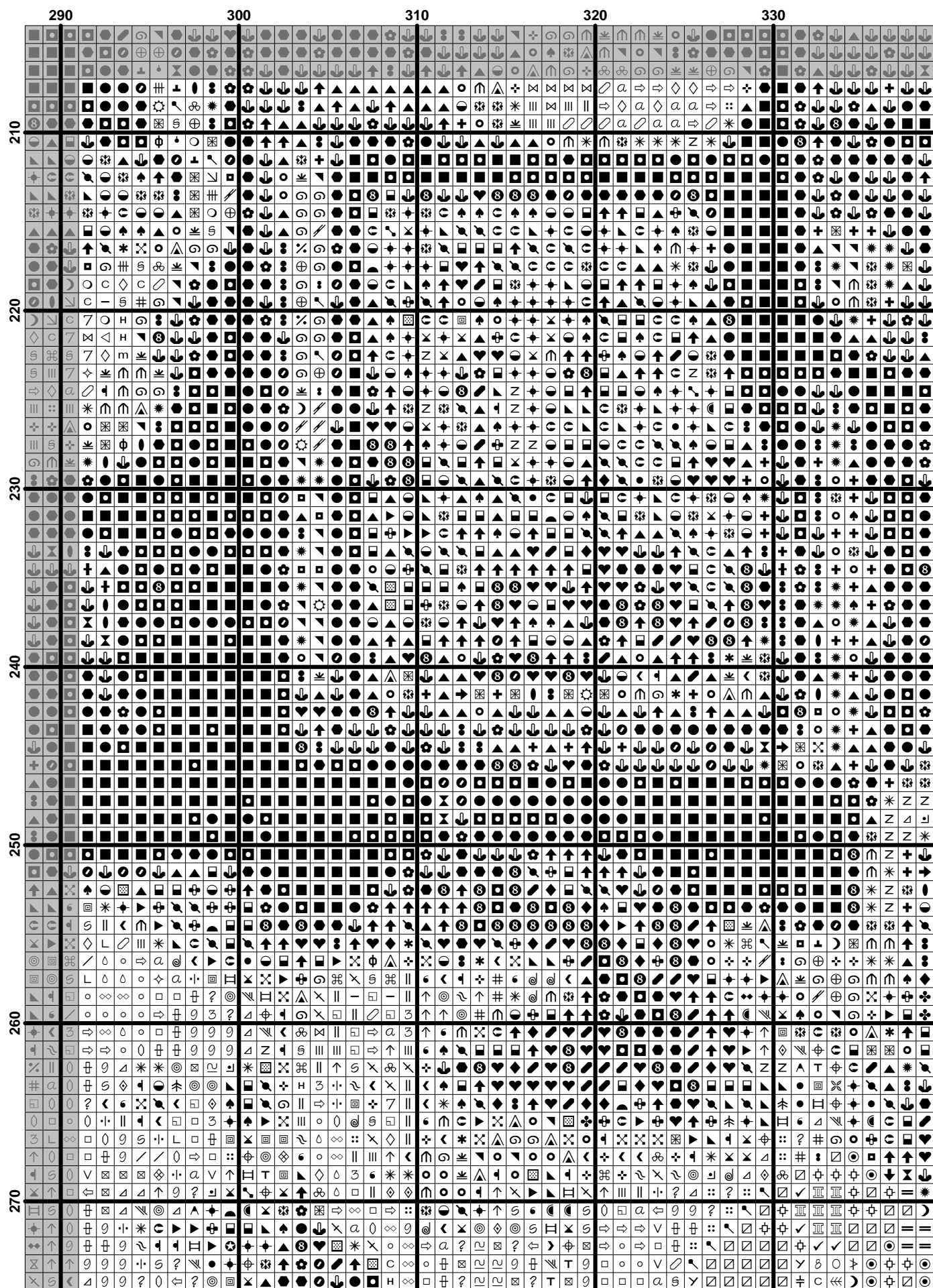


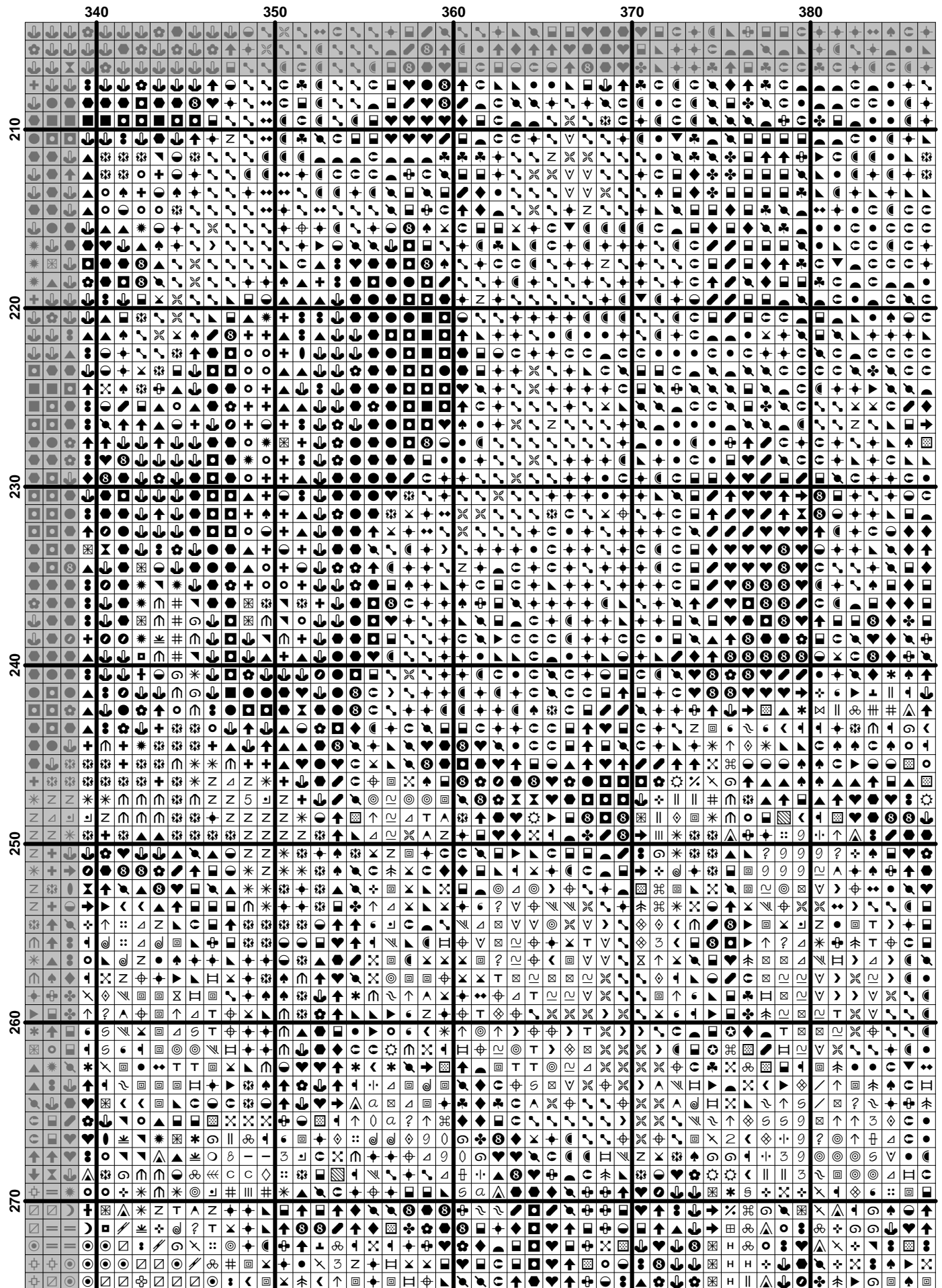






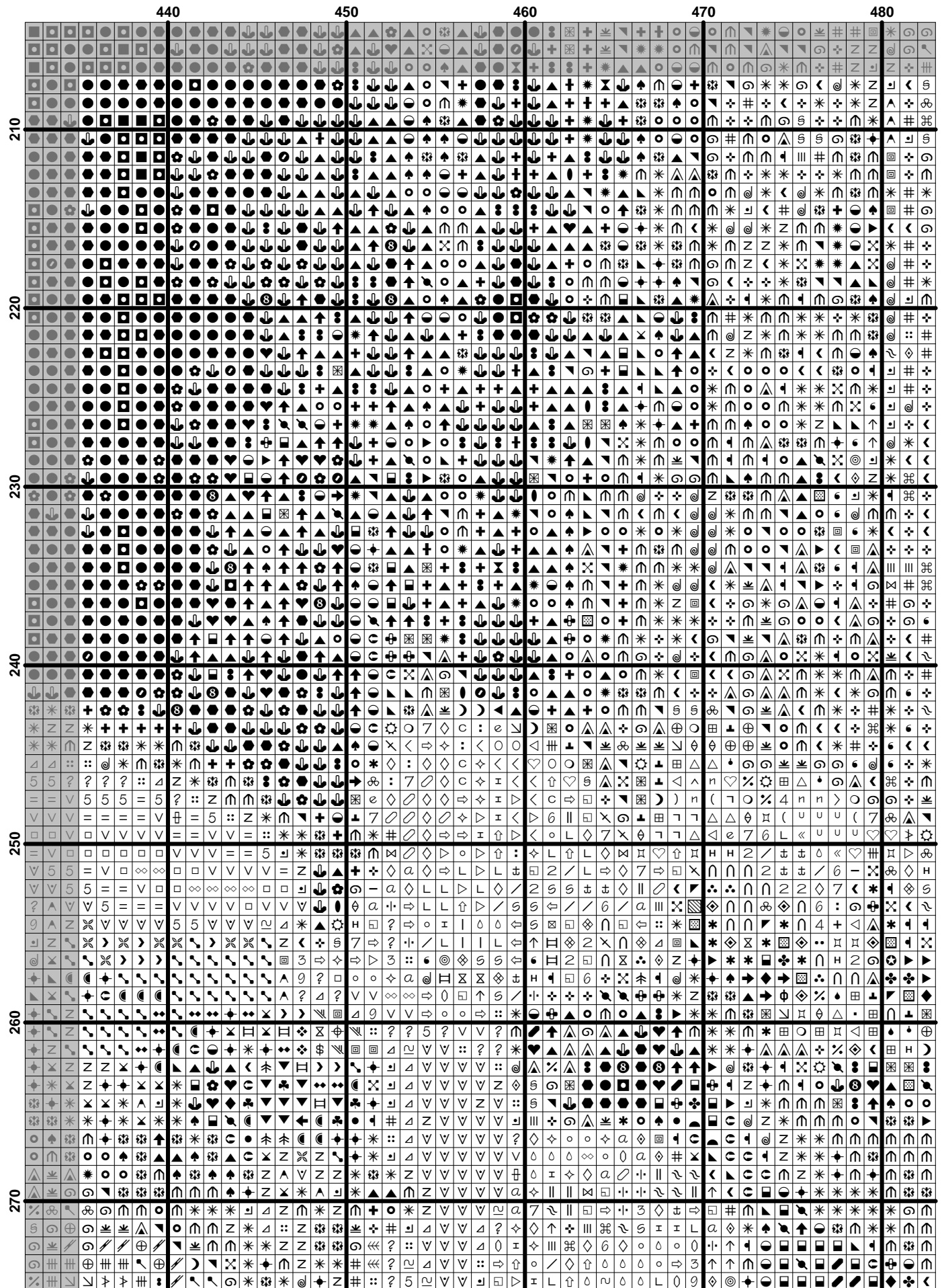












	480	490	500	510	520	530
210	...	...	...	...	...	...
220	...	...	...	...	...	...
230	...	...	...	...	...	...
240	...	...	...	...	...	...
250	...	...	...	...	...	...
260	...	...	...	...	...	...
270	...	...	...	...	...	...

	530	540	550	560	570
210	...	...	...	...	...
220	...	...	...	...	...
230	...	...	...	...	...
240	...	...	...	...	...
250	...	...	...	...	...
260	...	...	...	...	...
270	...	...	...	...	...

[illegible]

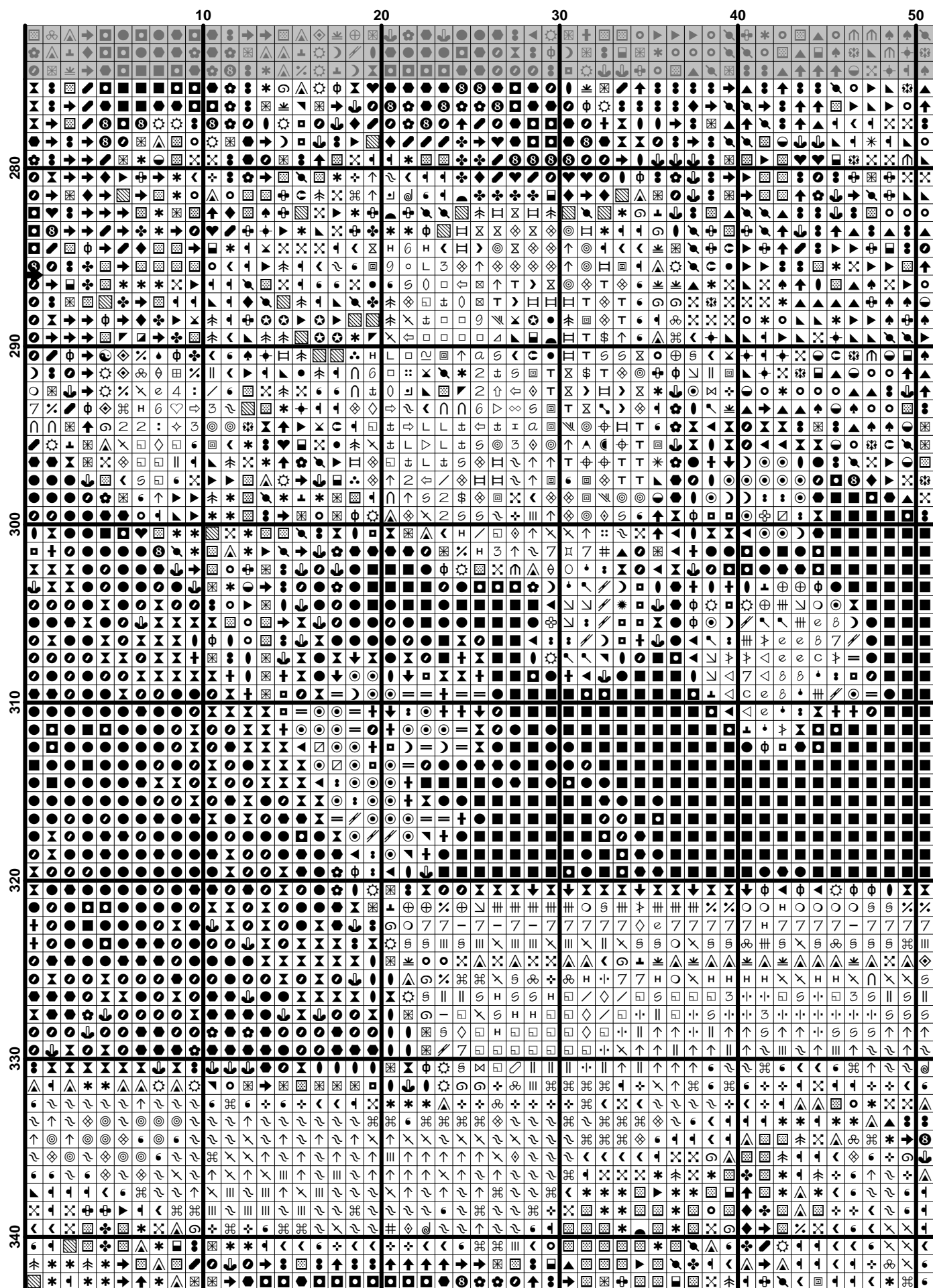
[illegible]

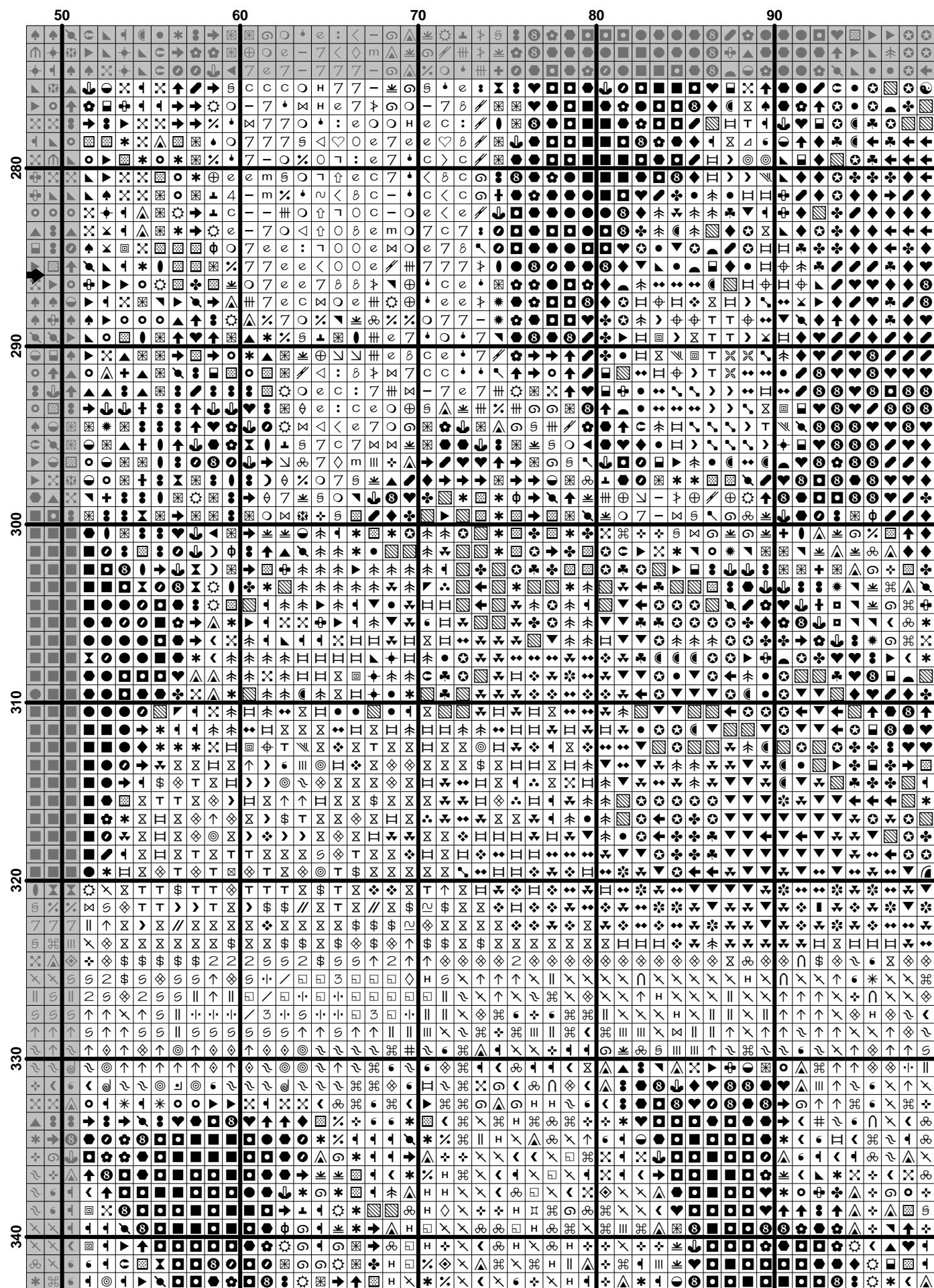
[illegible]

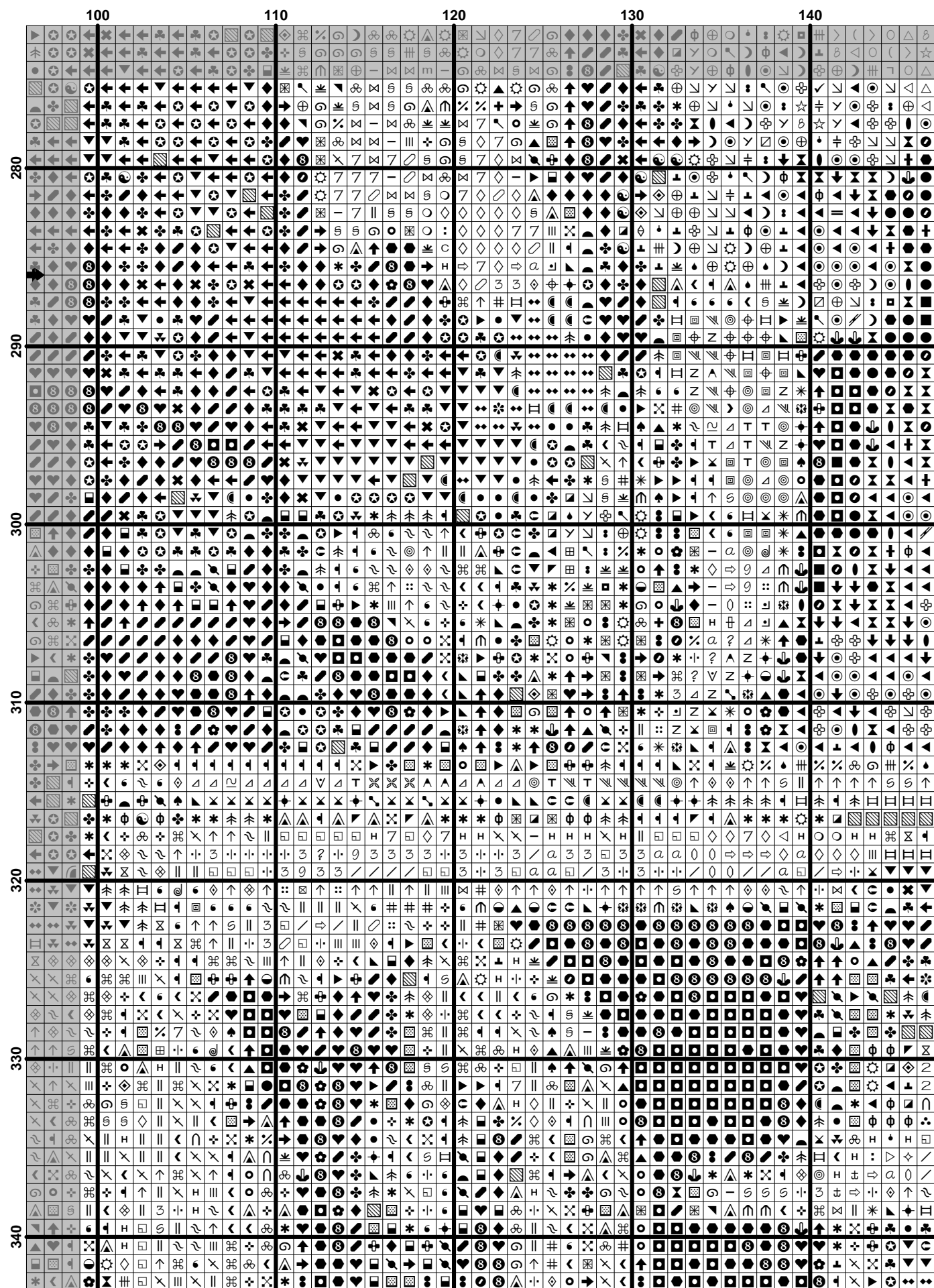




(85)





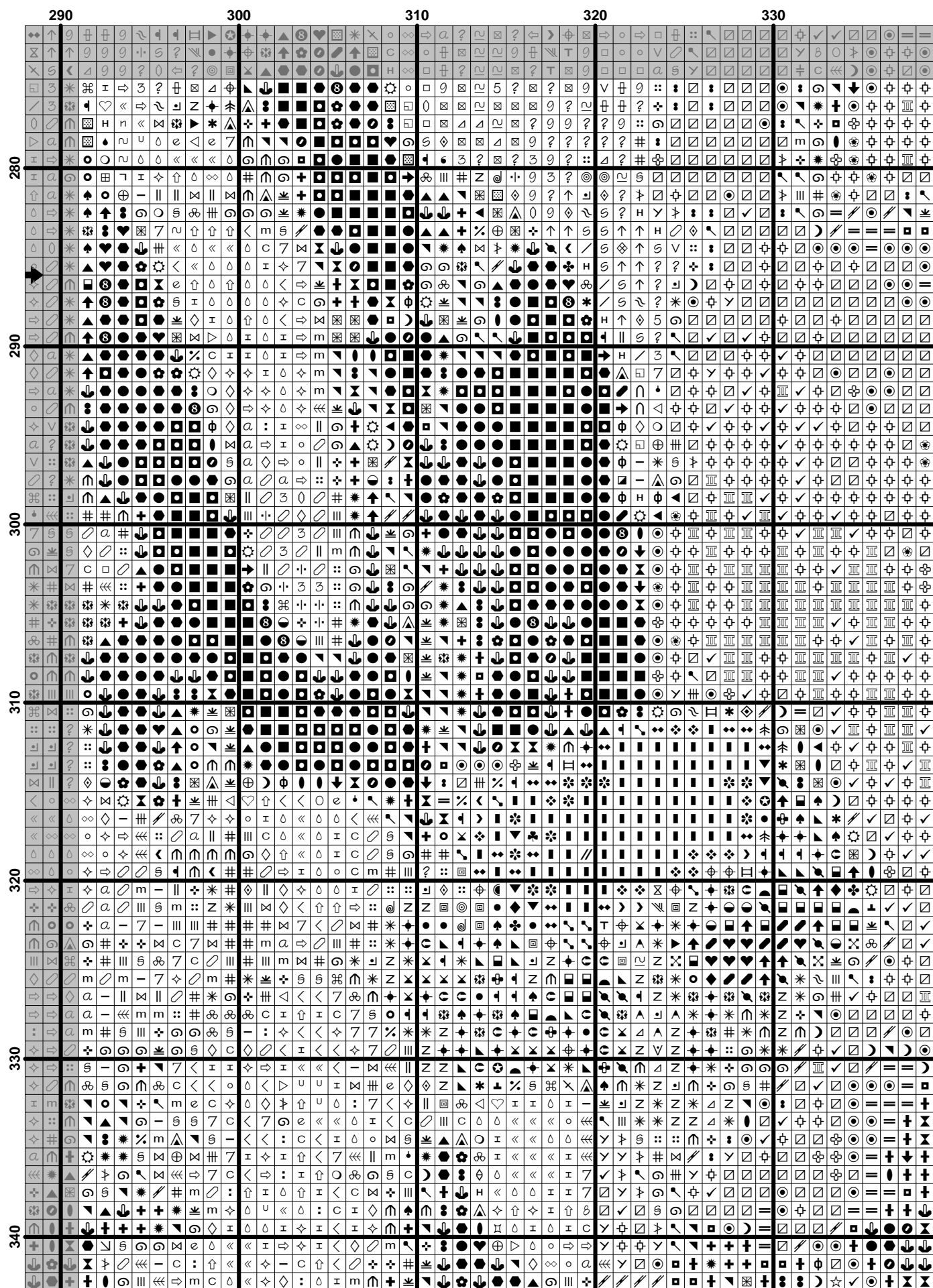


	150	160	170	180	190
280	...	...	...	...	...
290	...	...	...	...	...
300	...	...	...	...	...
310	...	...	...	...	...
320	...	...	...	...	...
330	...	...	...	...	...
340	...	...	...	...	...

[illegible]

	240	250	260	270	280	290
280	...	...	...	...	...	...
290	...	...	...	...	...	...
300	...	...	...	...	...	...
310	...	...	...	...	...	...
320	...	...	...	...	...	...
330	...	...	...	...	...	...
340	...	...	...	...	...	...





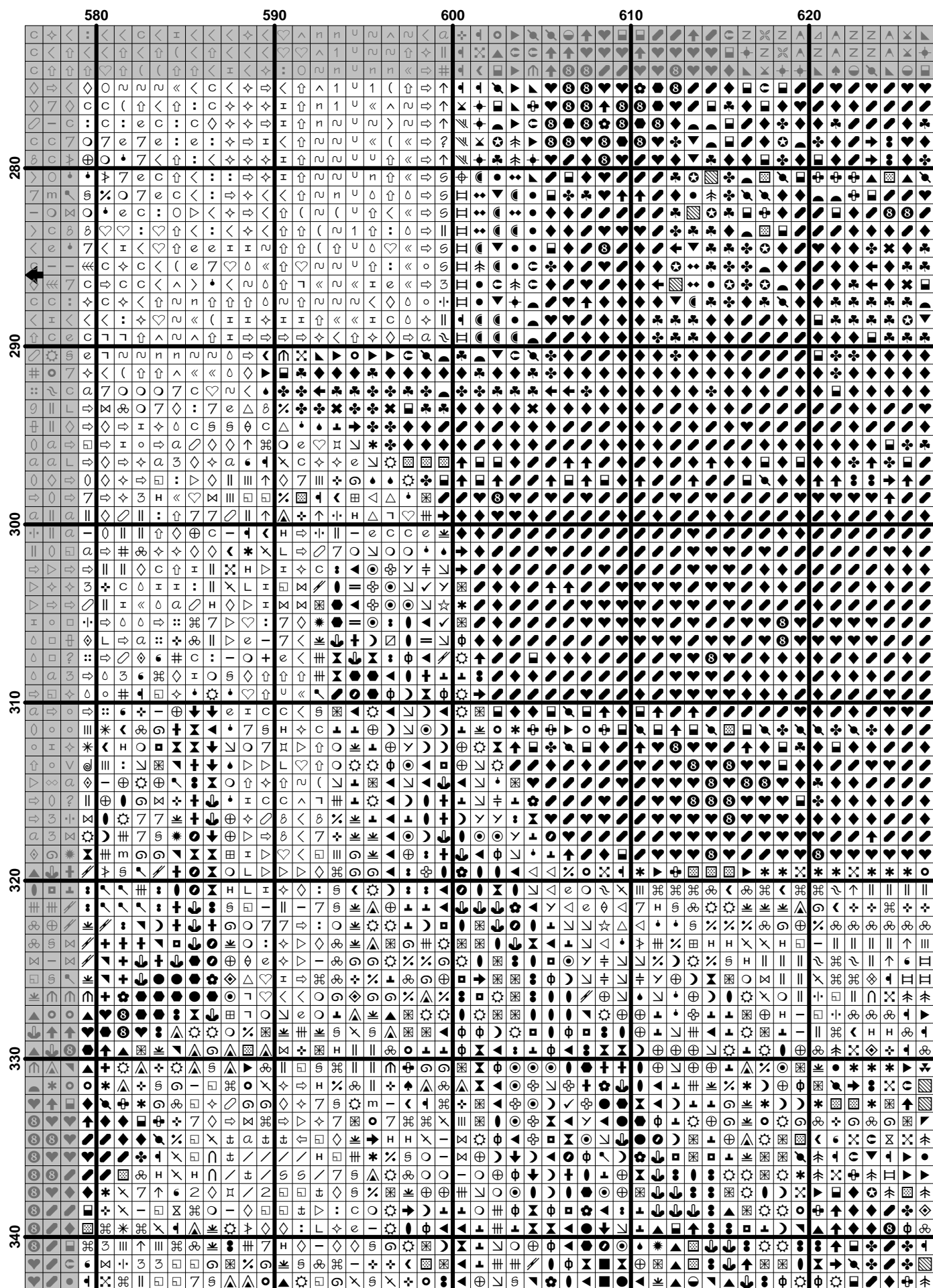
	340	350	360	370	380
280					
290					
300					
310					
320					
330					
340					

	390	400	410	420	430
280					
290					
300					
310					
320					
330					
340					

(96)

	480	490	500	510	520	530
280						
290						
300						
310						
320						
330						
340						

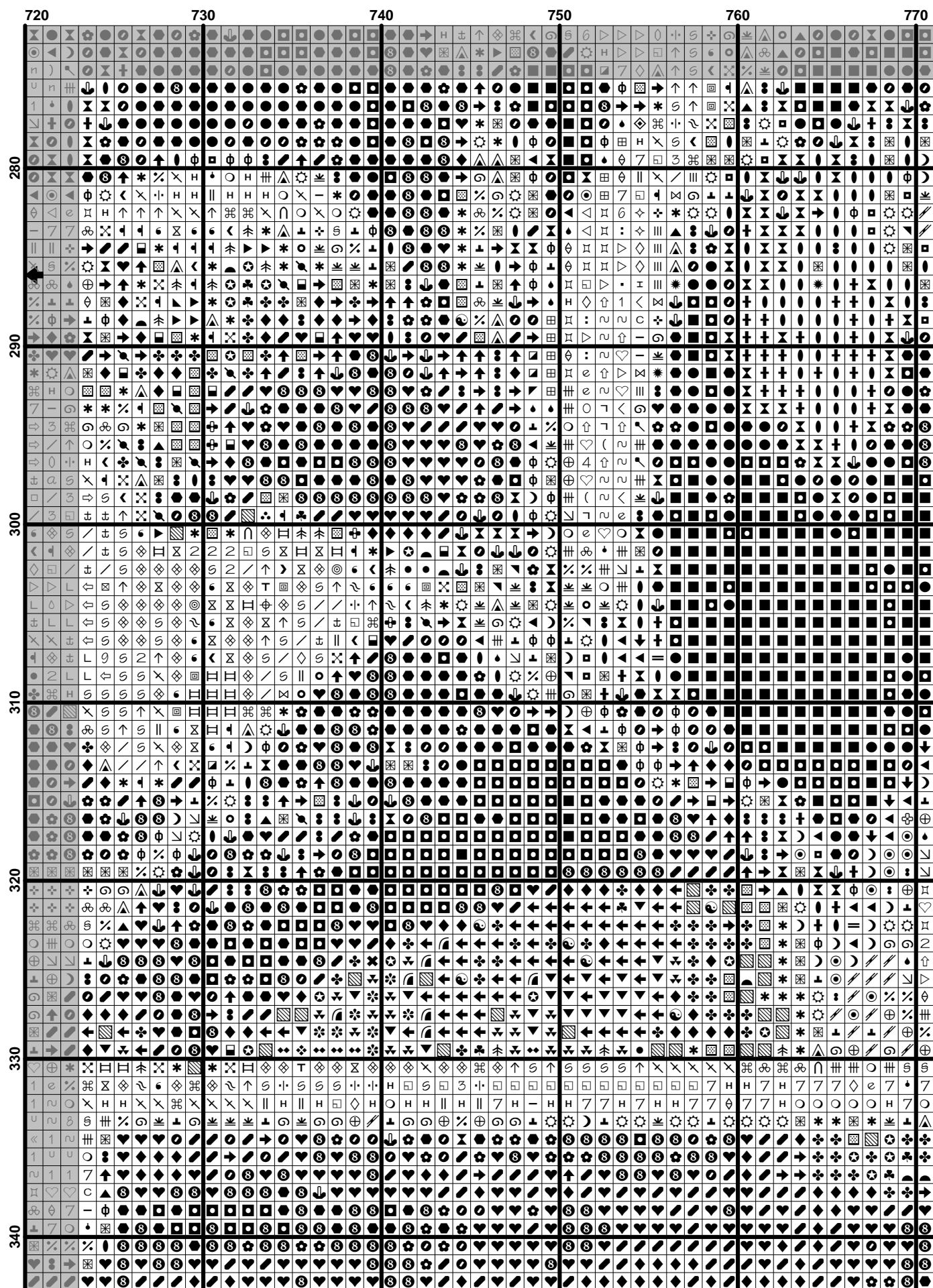
	530	540	550	560	570
280	...	...	...	...	...
290	...	...	...	...	...
300	...	...	...	...	...
310	...	...	...	...	...
320	...	...	...	...	...
330	...	...	...	...	...
340	...	...	...	...	...

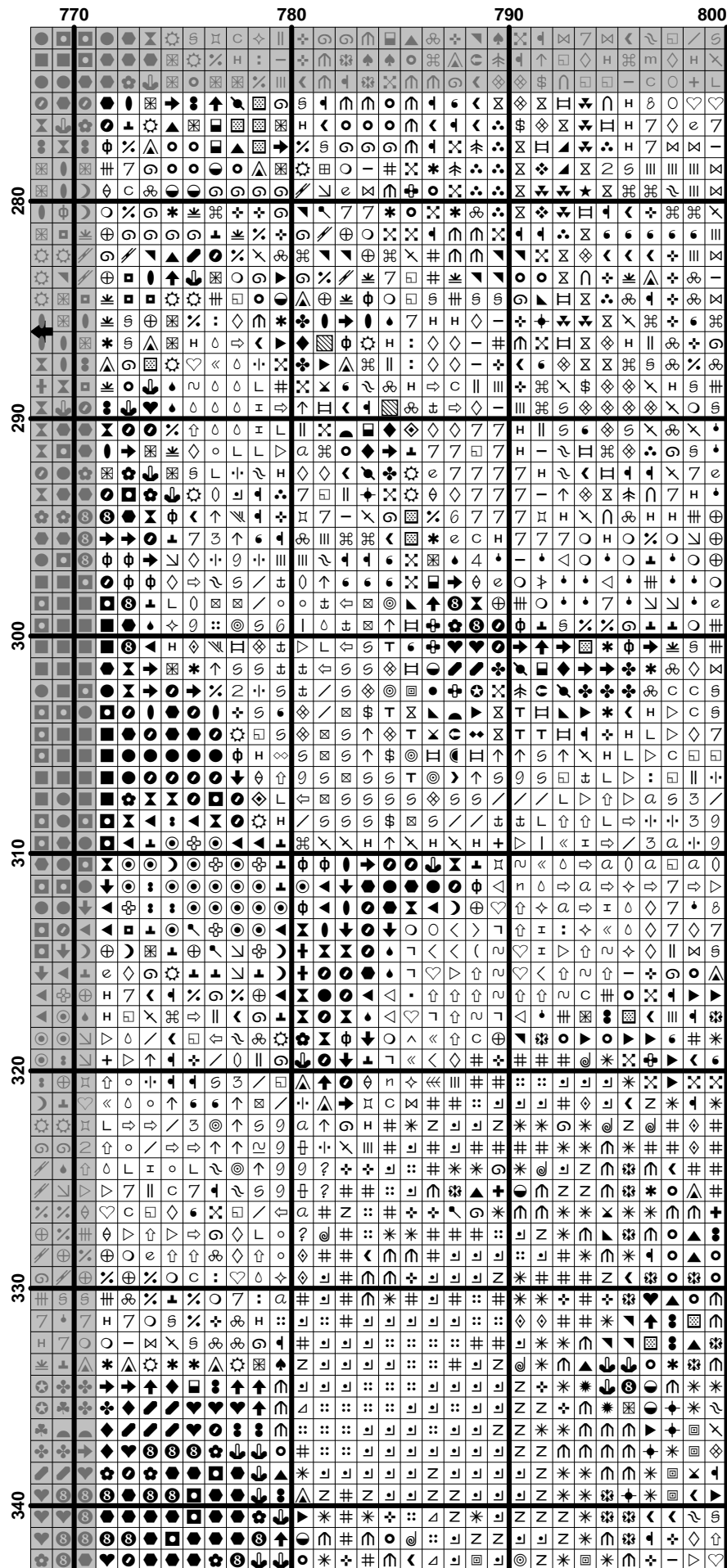


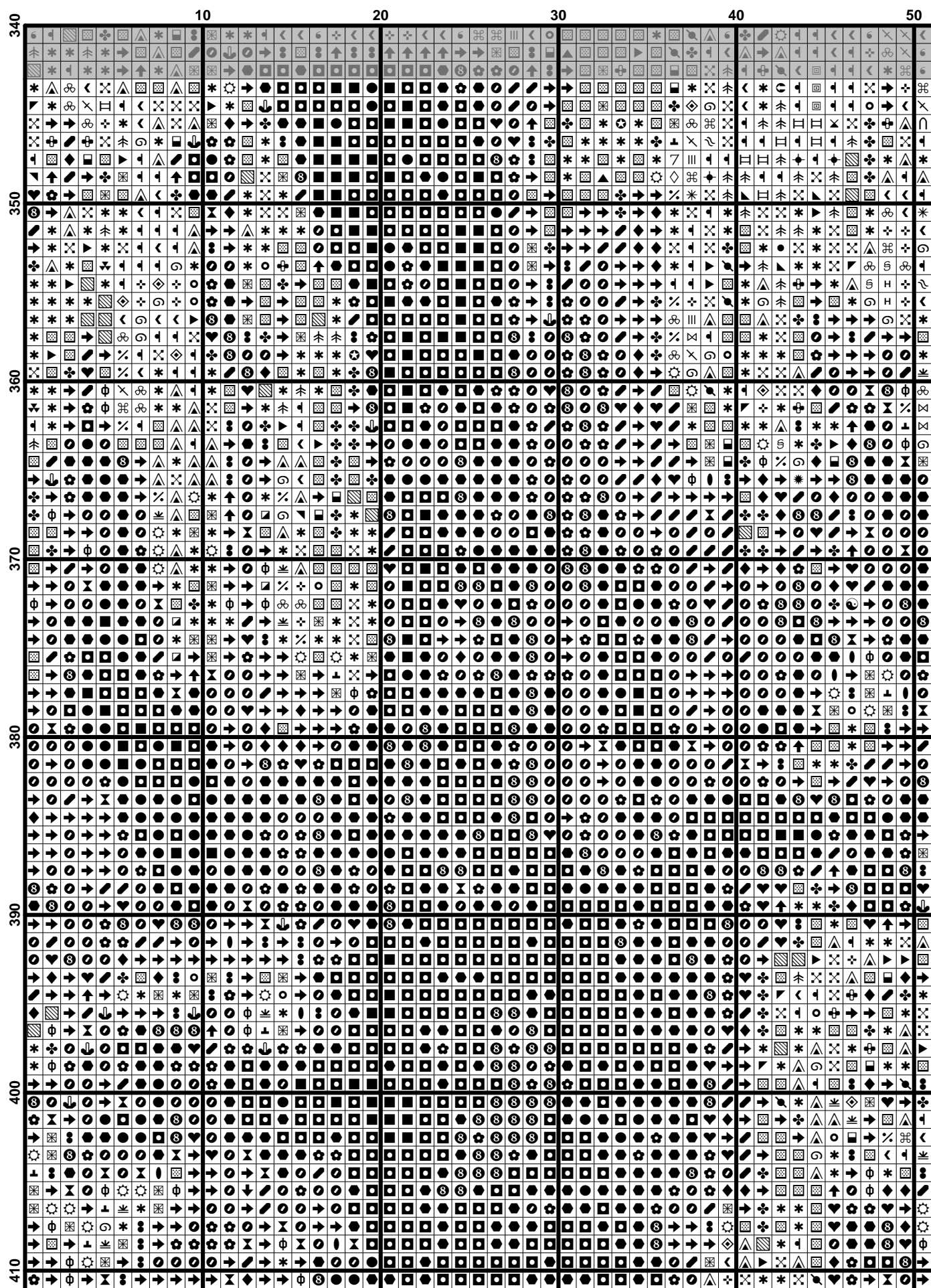


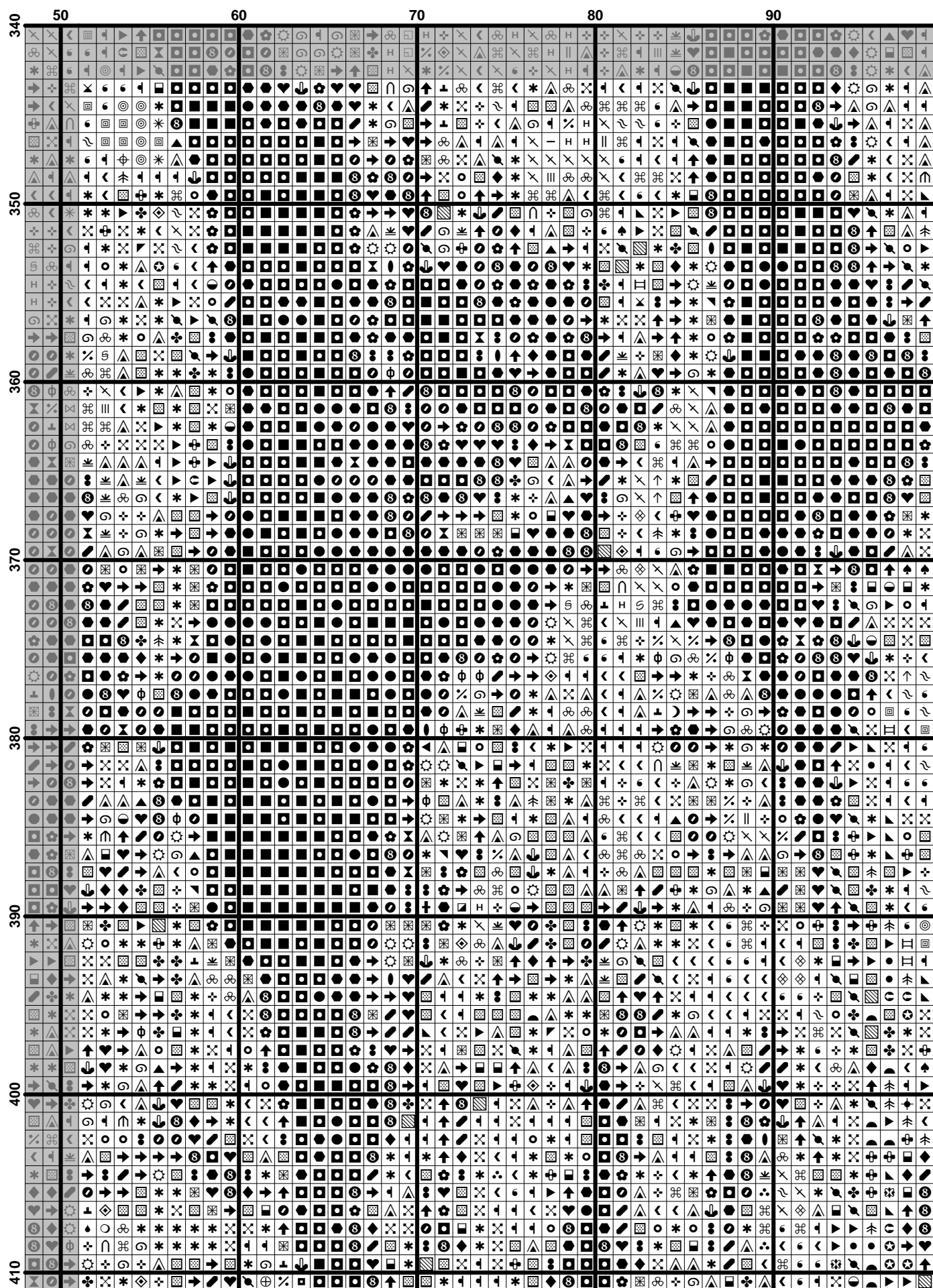
(99) (100)

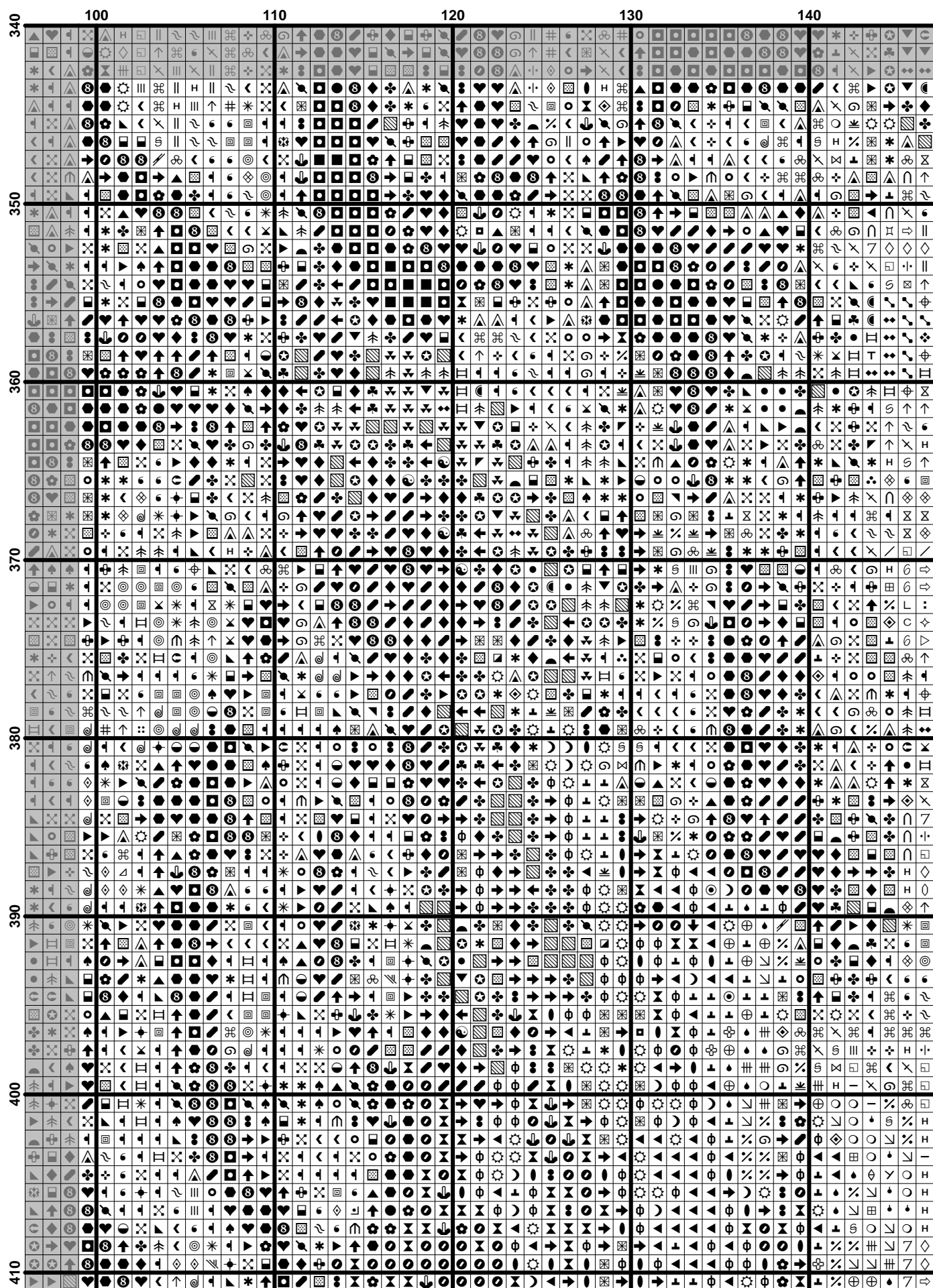














	150	160	170	180	190
340	♠	♠	♠	♠	♠
350	♠	♠	♠	♠	♠
360	♠	♠	♠	♠	♠
370	♠	♠	♠	♠	♠
380	♠	♠	♠	♠	♠
390	♠	♠	♠	♠	♠
400	♠	♠	♠	♠	♠
410	♠	♠	♠	♠	♠

(108)

340	240	250	260	270	280	290
340	240	250	260	270	280	290
350	350	350	350	350	350	350
360	360	360	360	360	360	360
370	370	370	370	370	370	370
380	380	380	380	380	380	380
390	390	390	390	390	390	390
400	400	400	400	400	400	400
410	410	410	410	410	410	410

	290	300	310	320	330
340	+	+	+	+	+
350	+	+	+	+	+
360	+	+	+	+	+
370	+	+	+	+	+
380	+	+	+	+	+
390	+	+	+	+	+
400	+	+	+	+	+
410	+	+	+	+	+

(111)

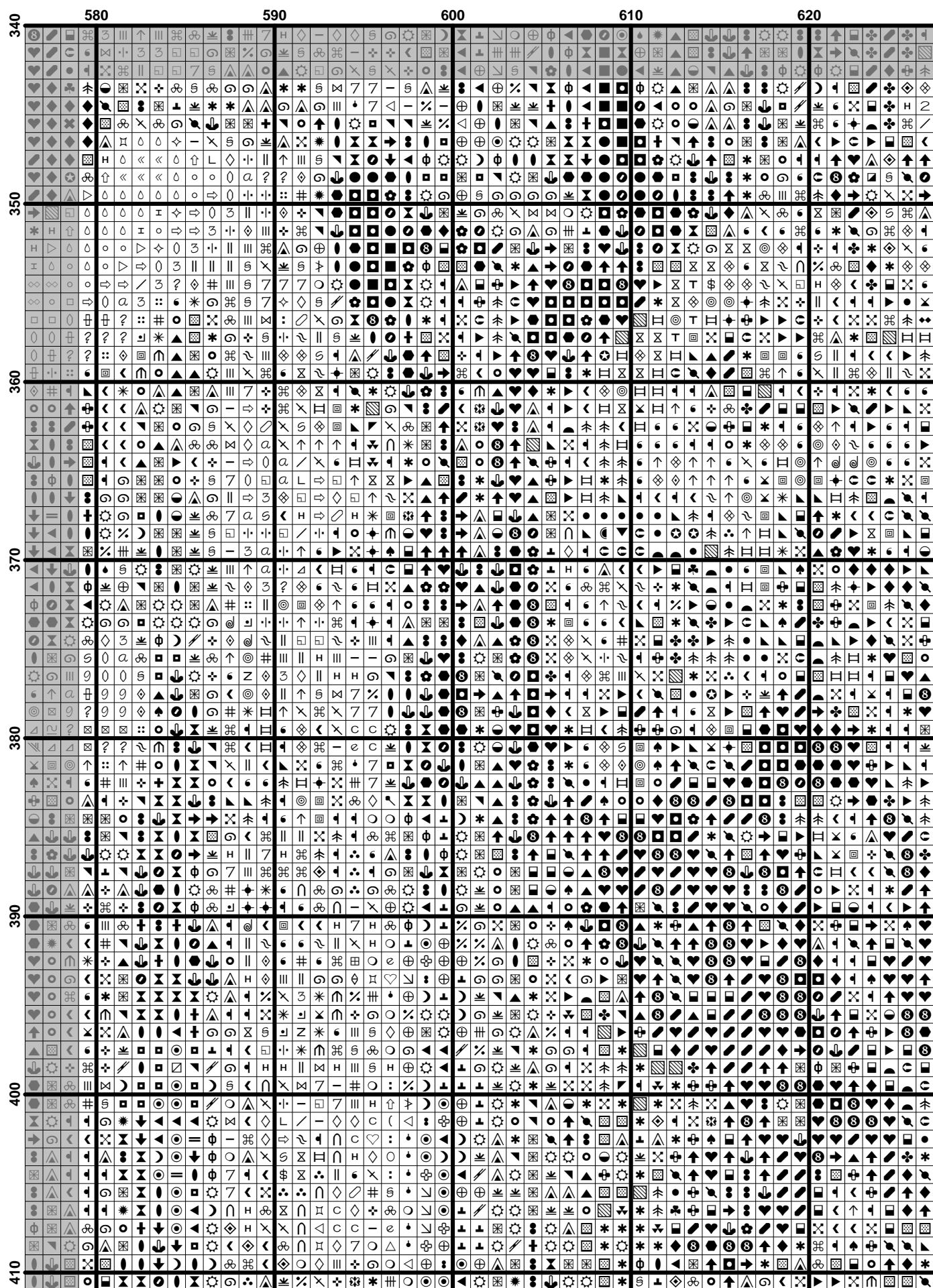
(112)

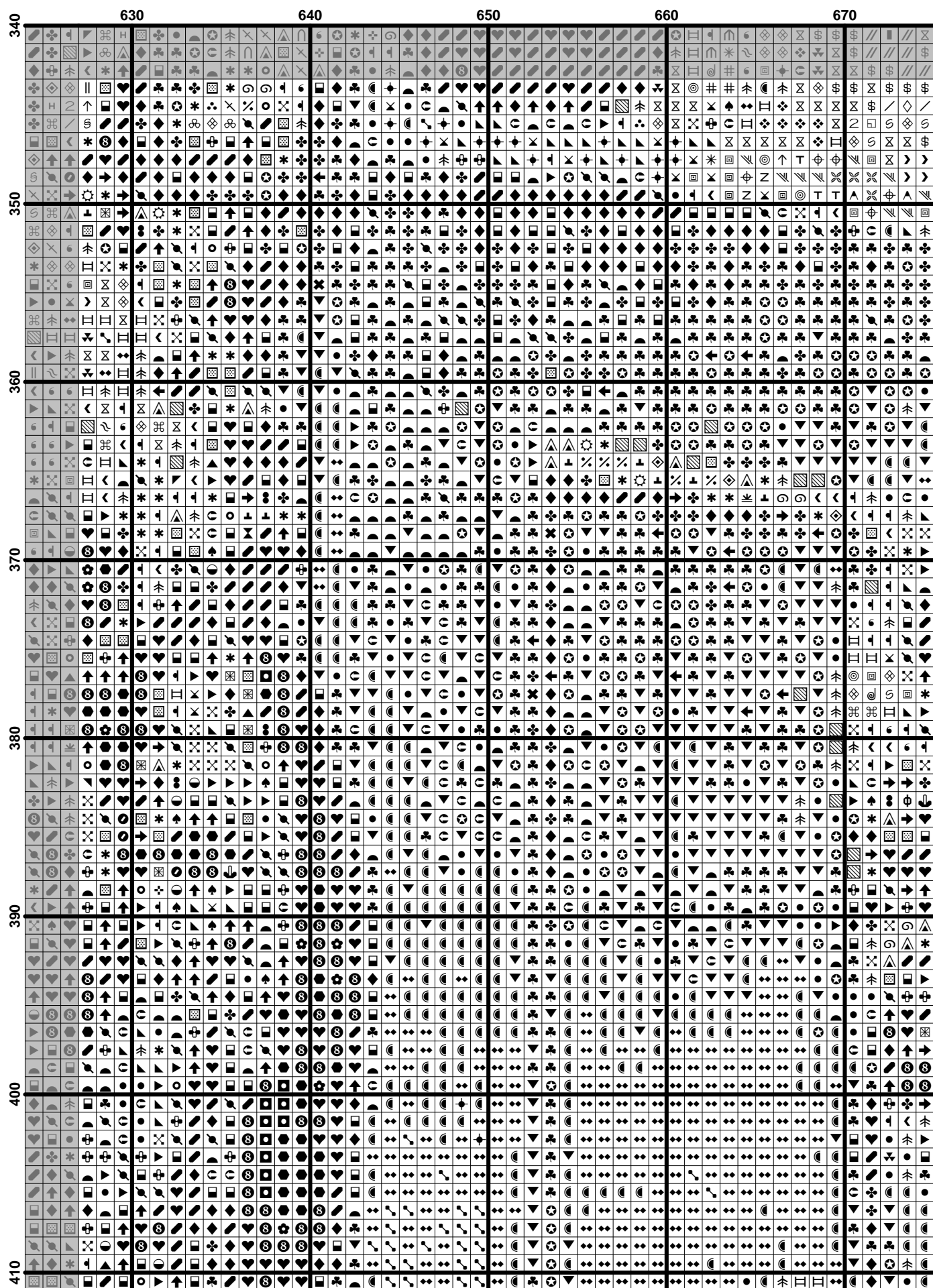
(113)

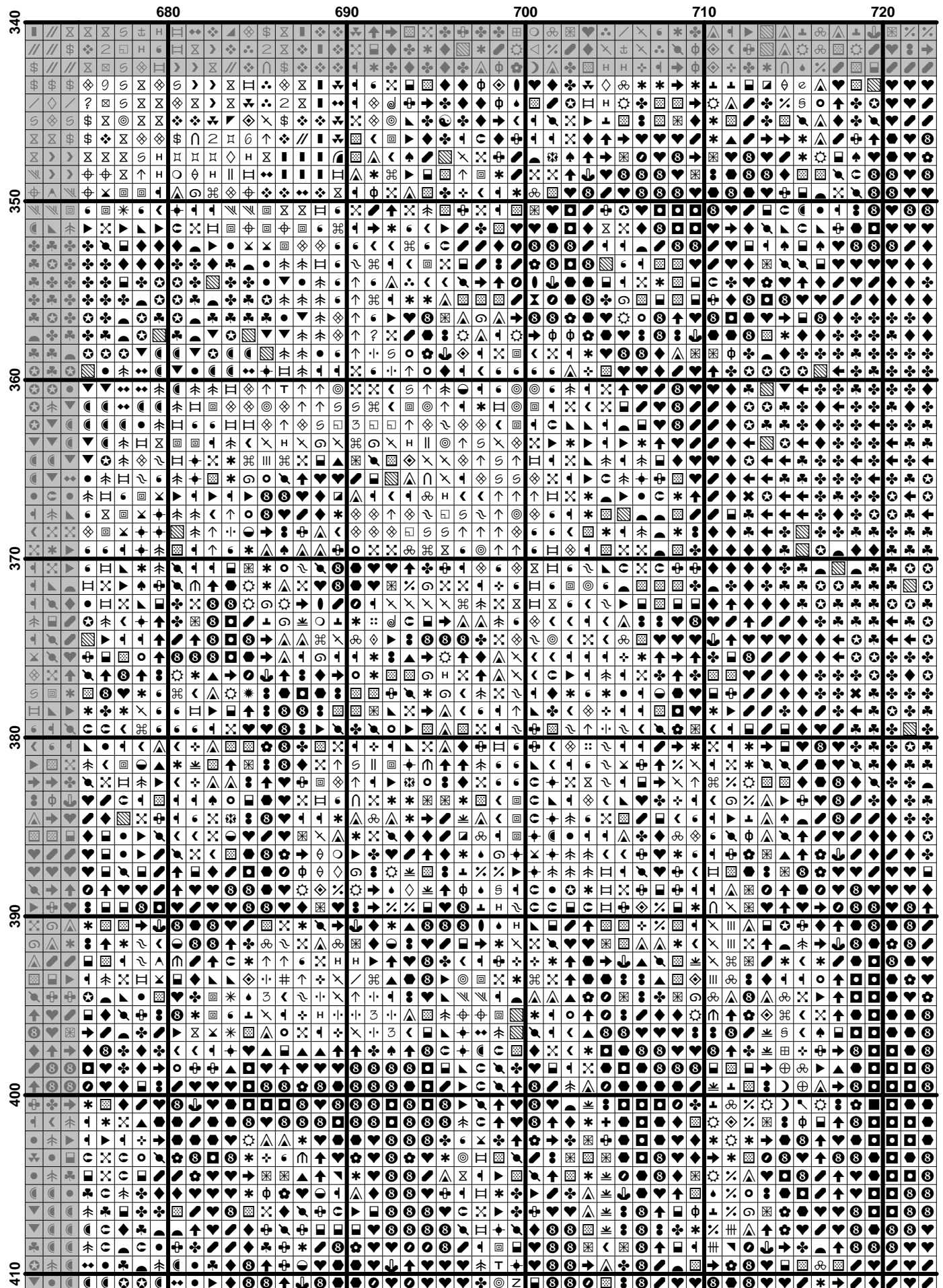


[illegible]

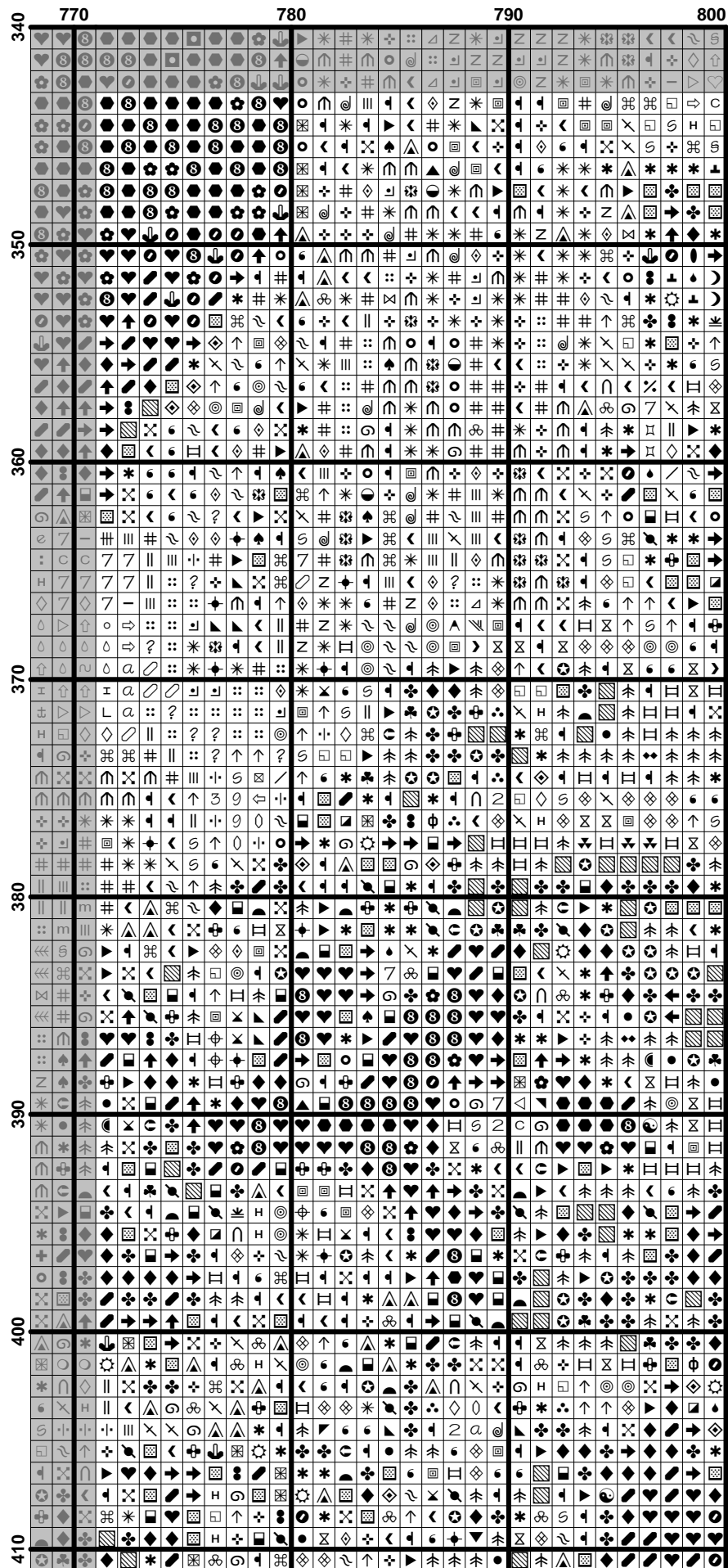
	530	540	550	560	570
340					
350					
360					
370					
380					
390					
400					
410					



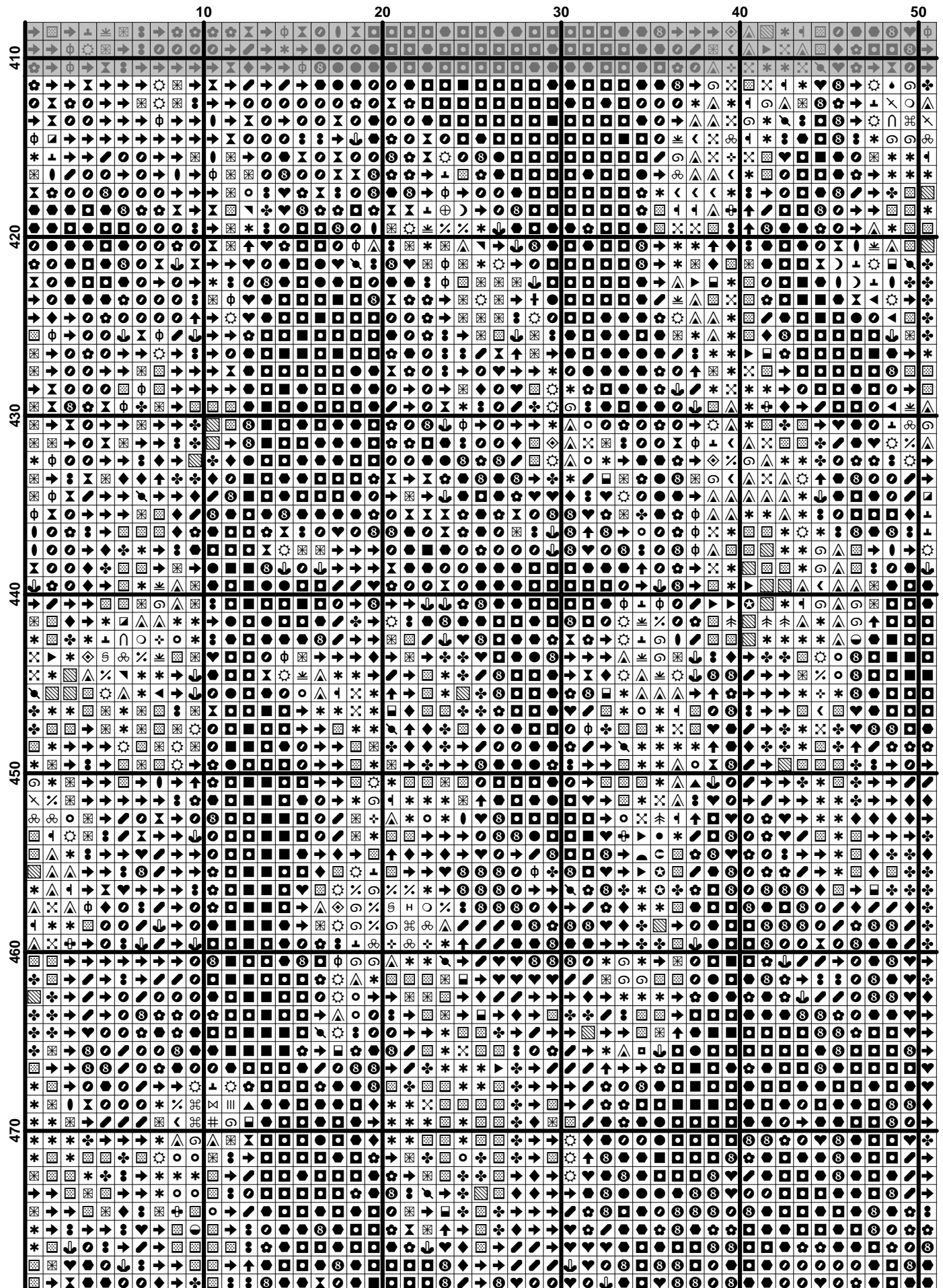


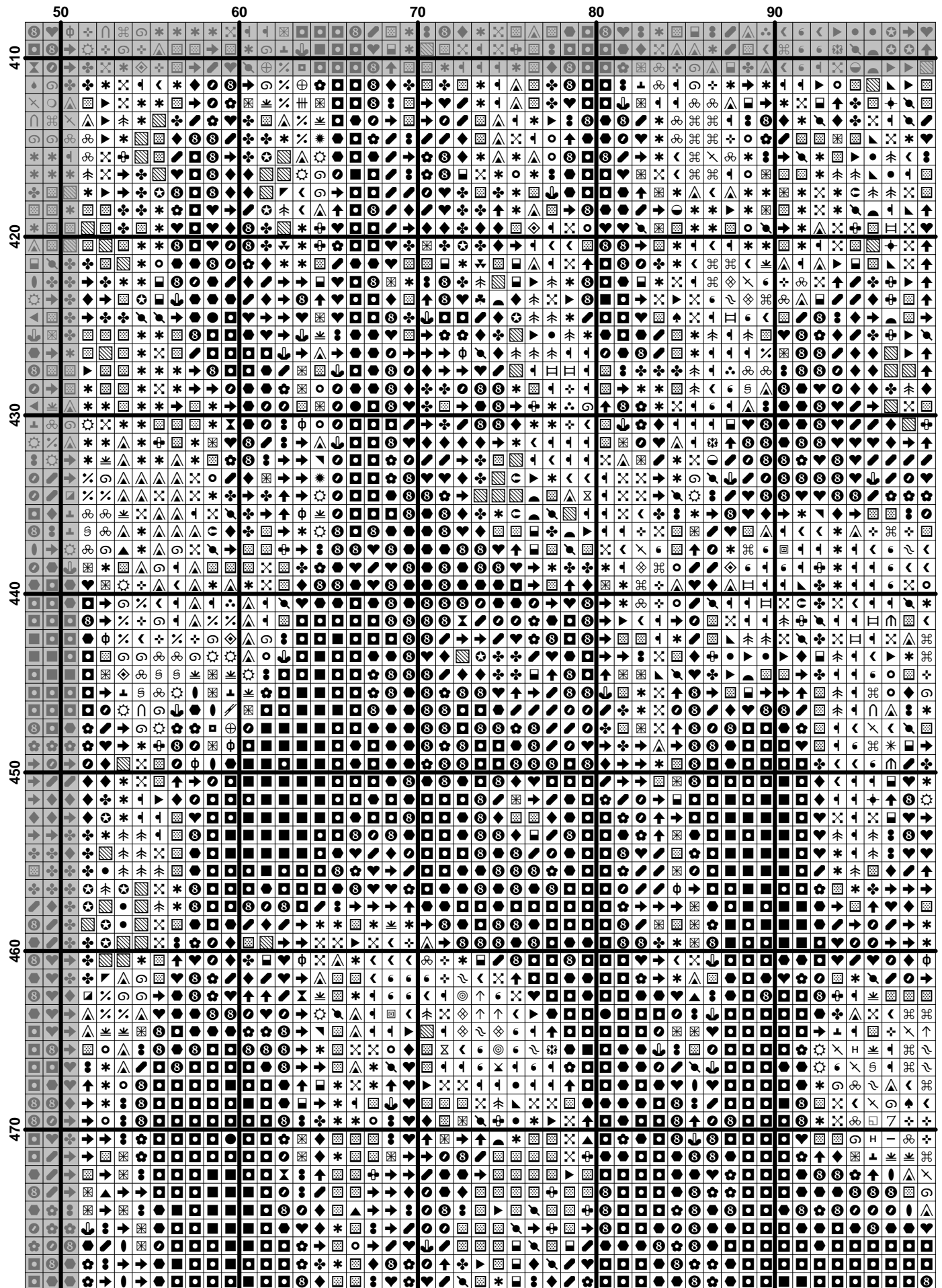


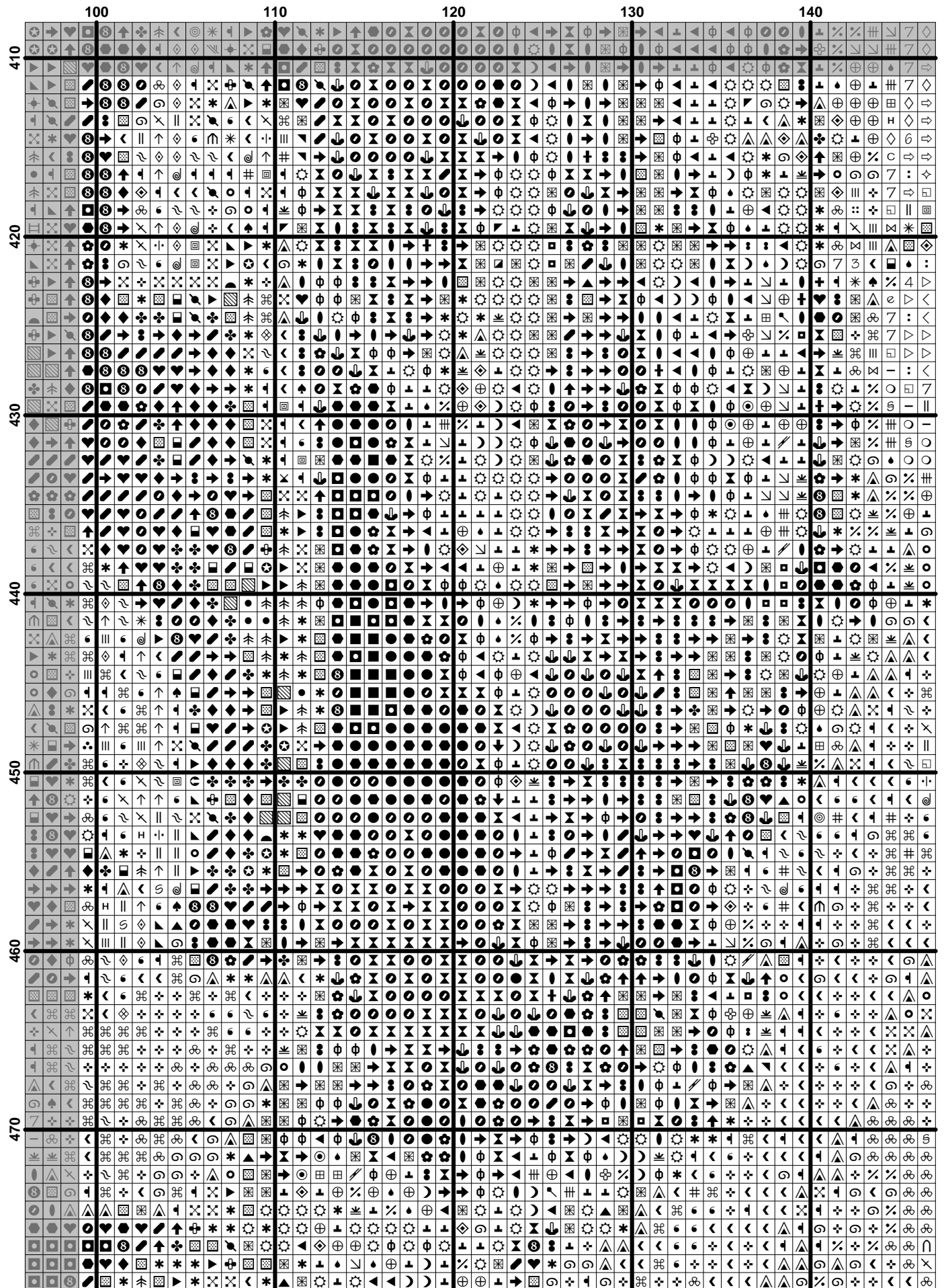
	720	730	740	750	760	770
340						
350						
360						
370						
380						
390						
400						
410						











(124)

(125)

(126)

[illegible]



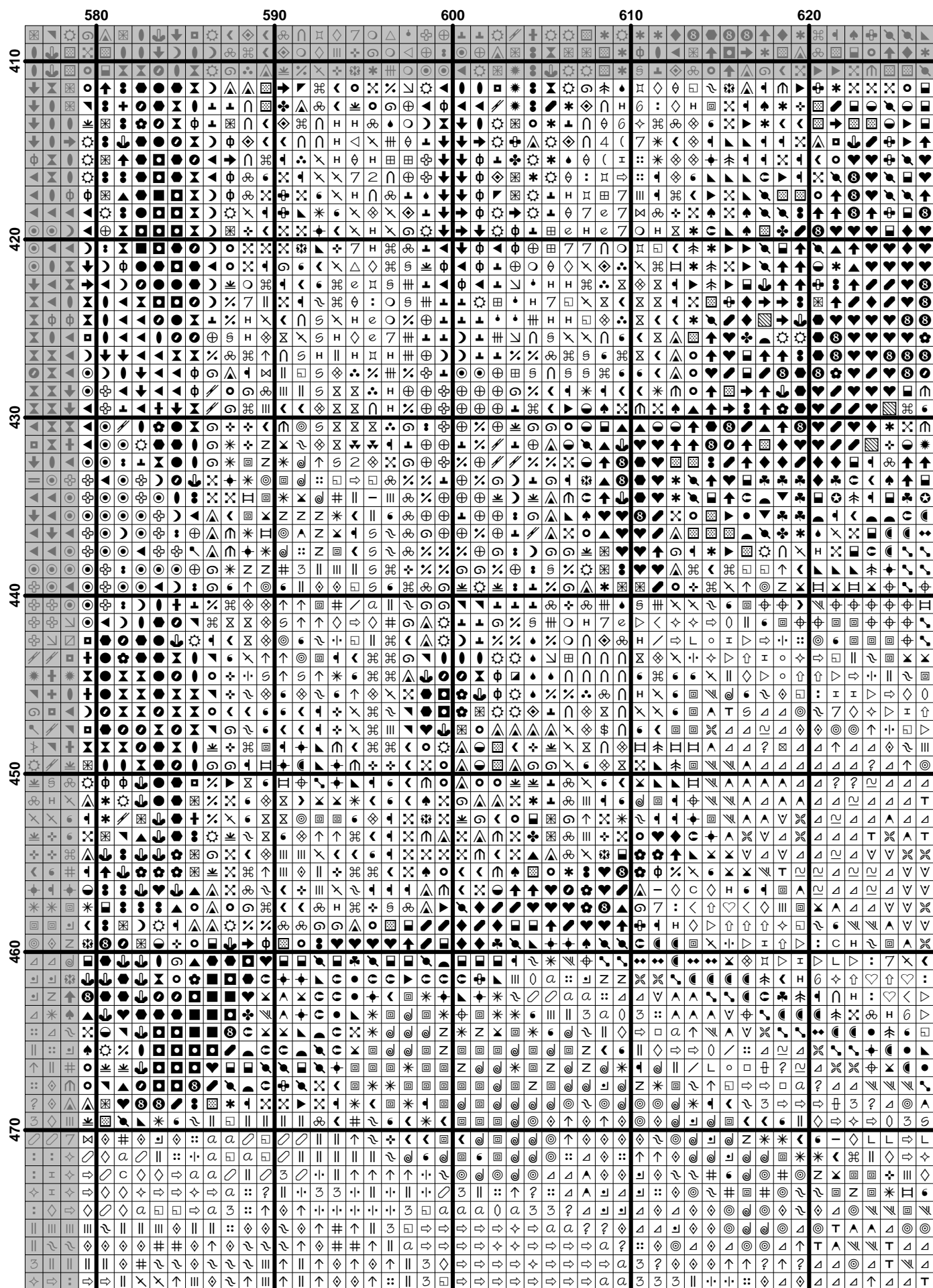
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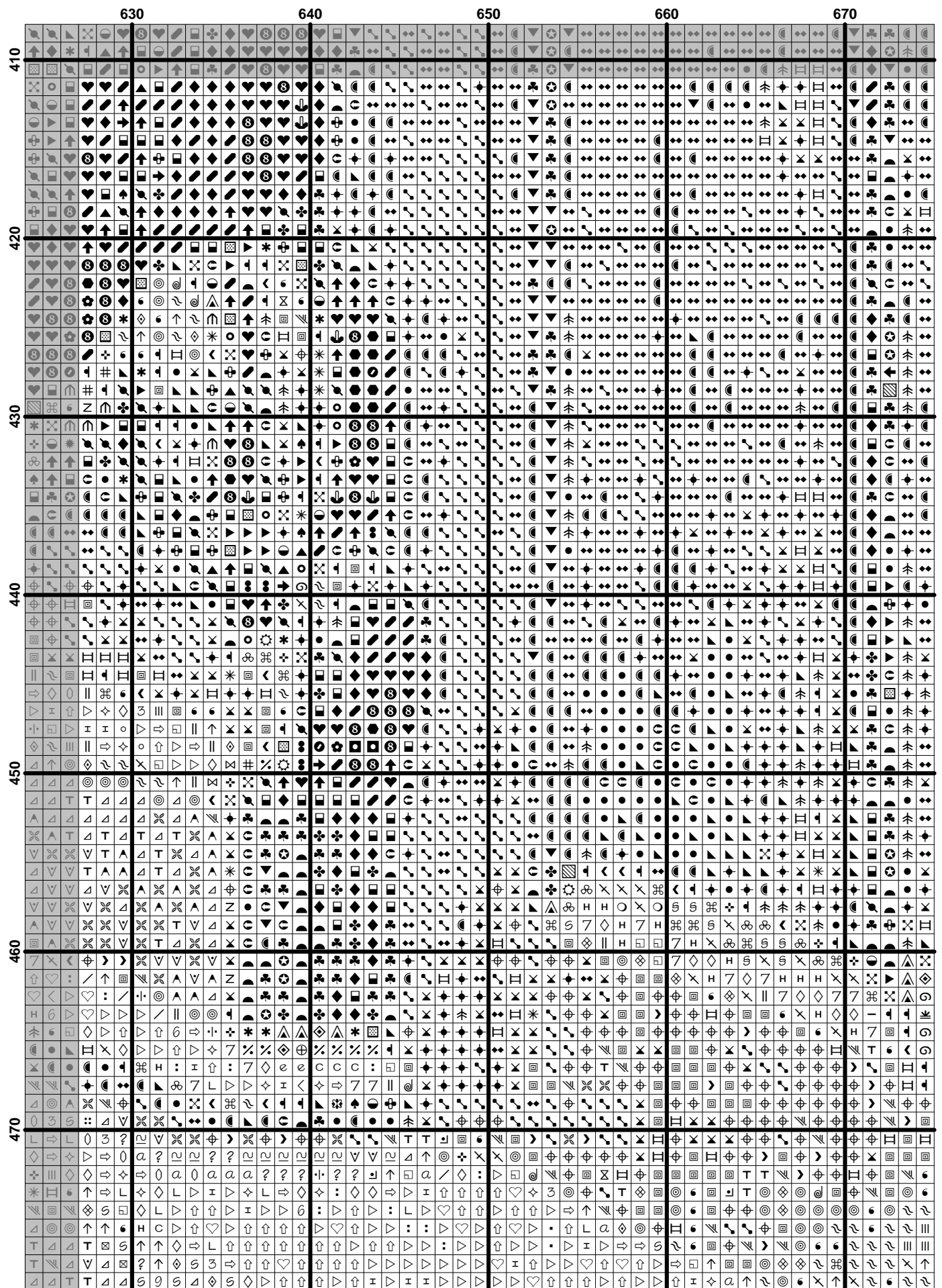
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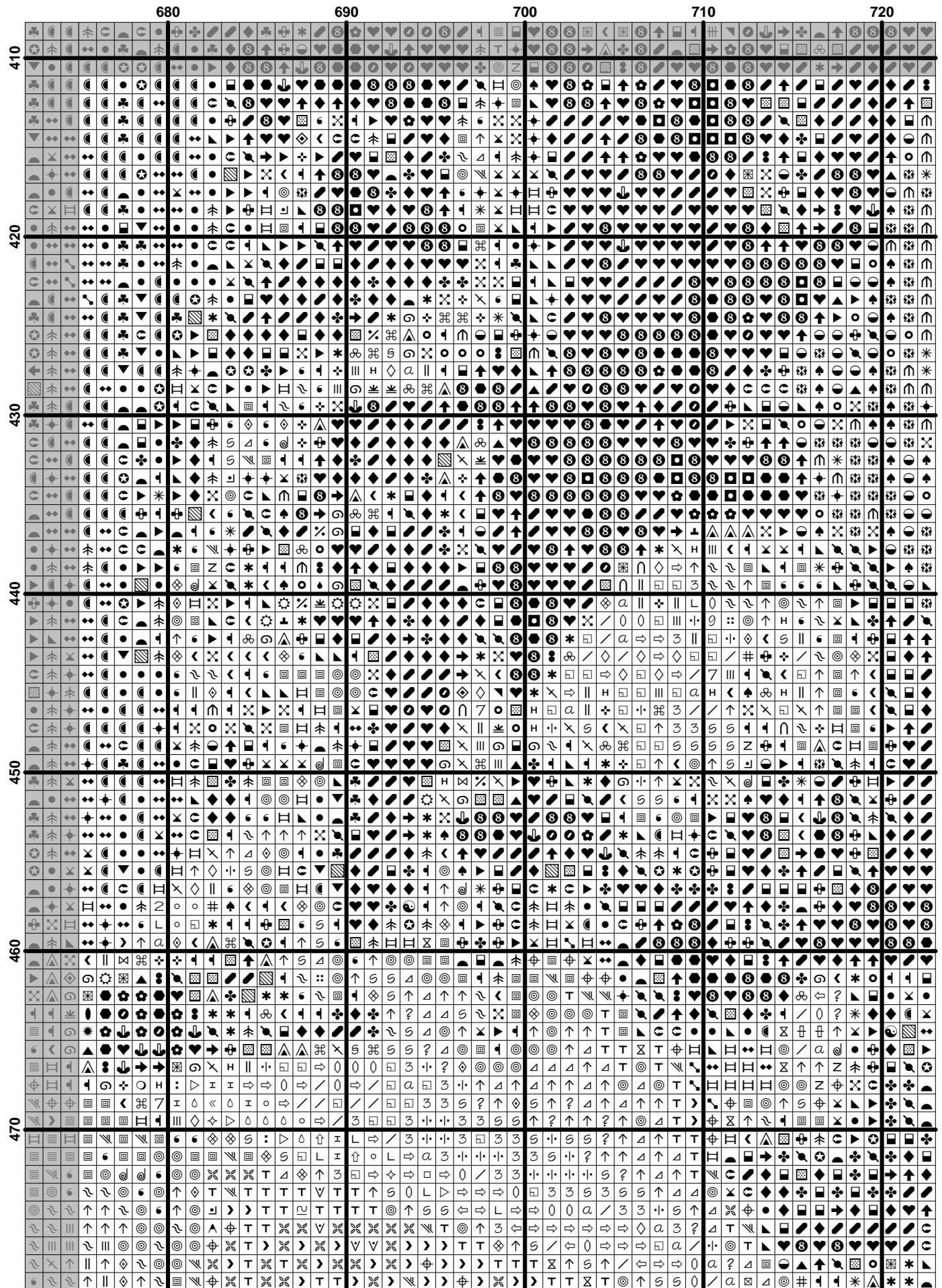
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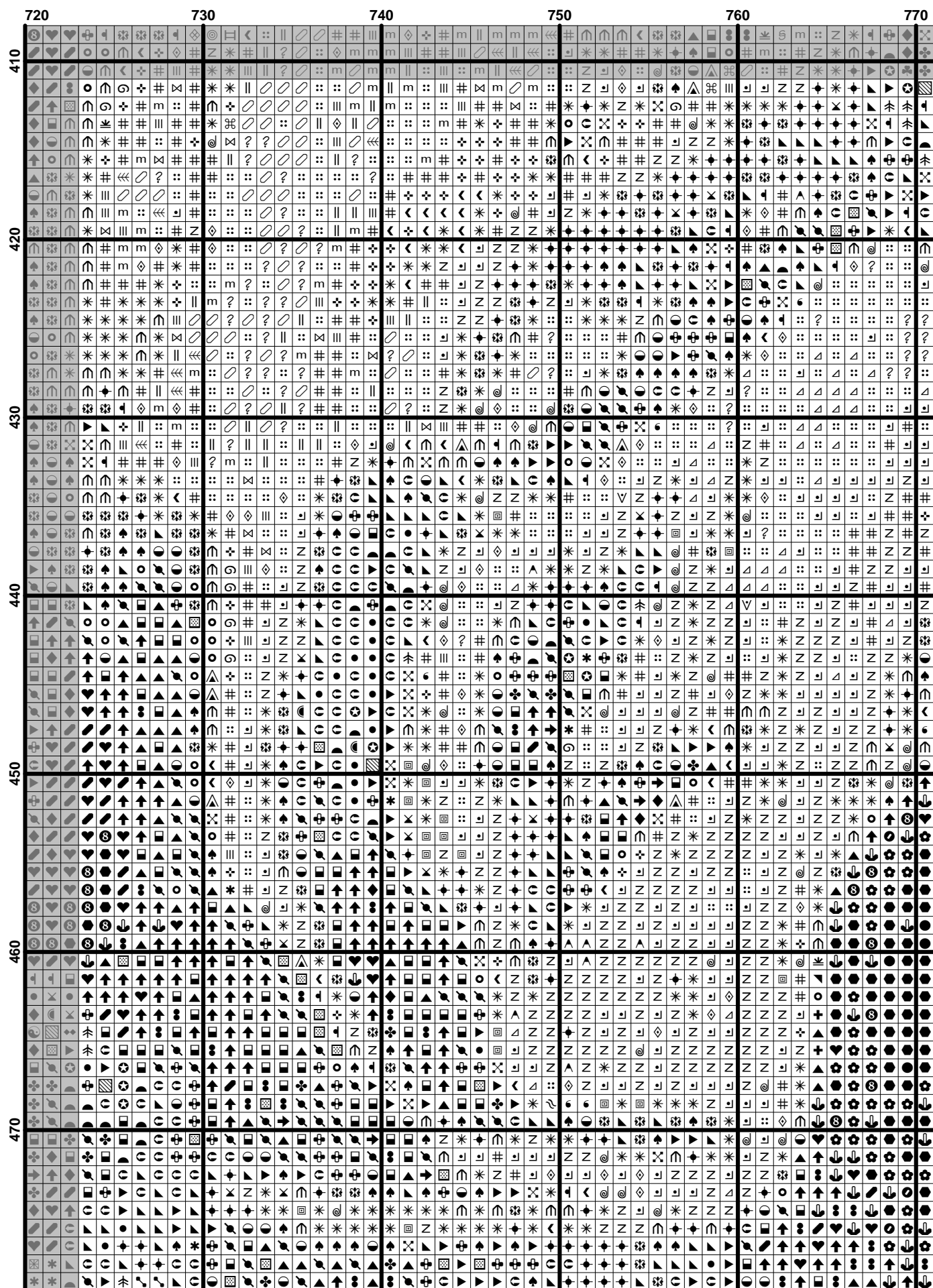
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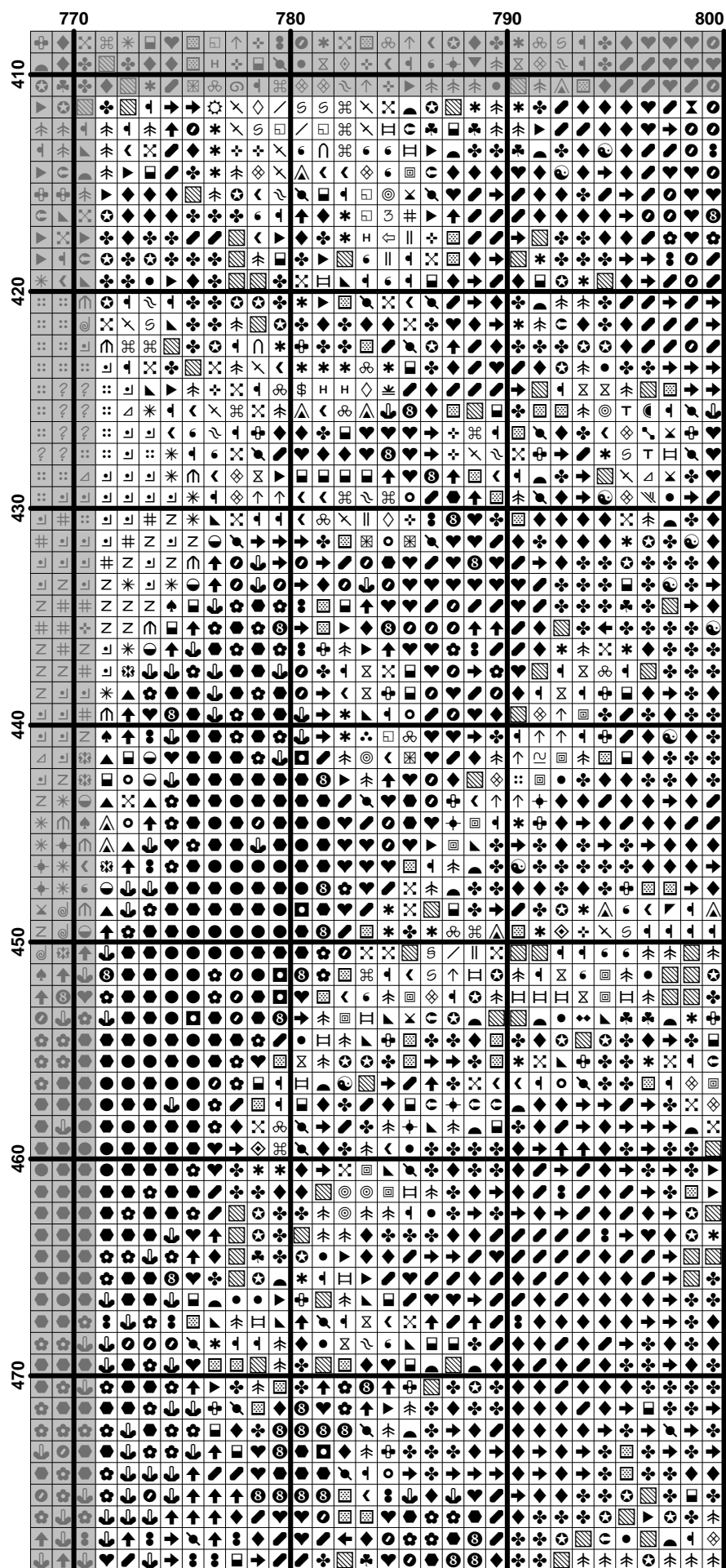


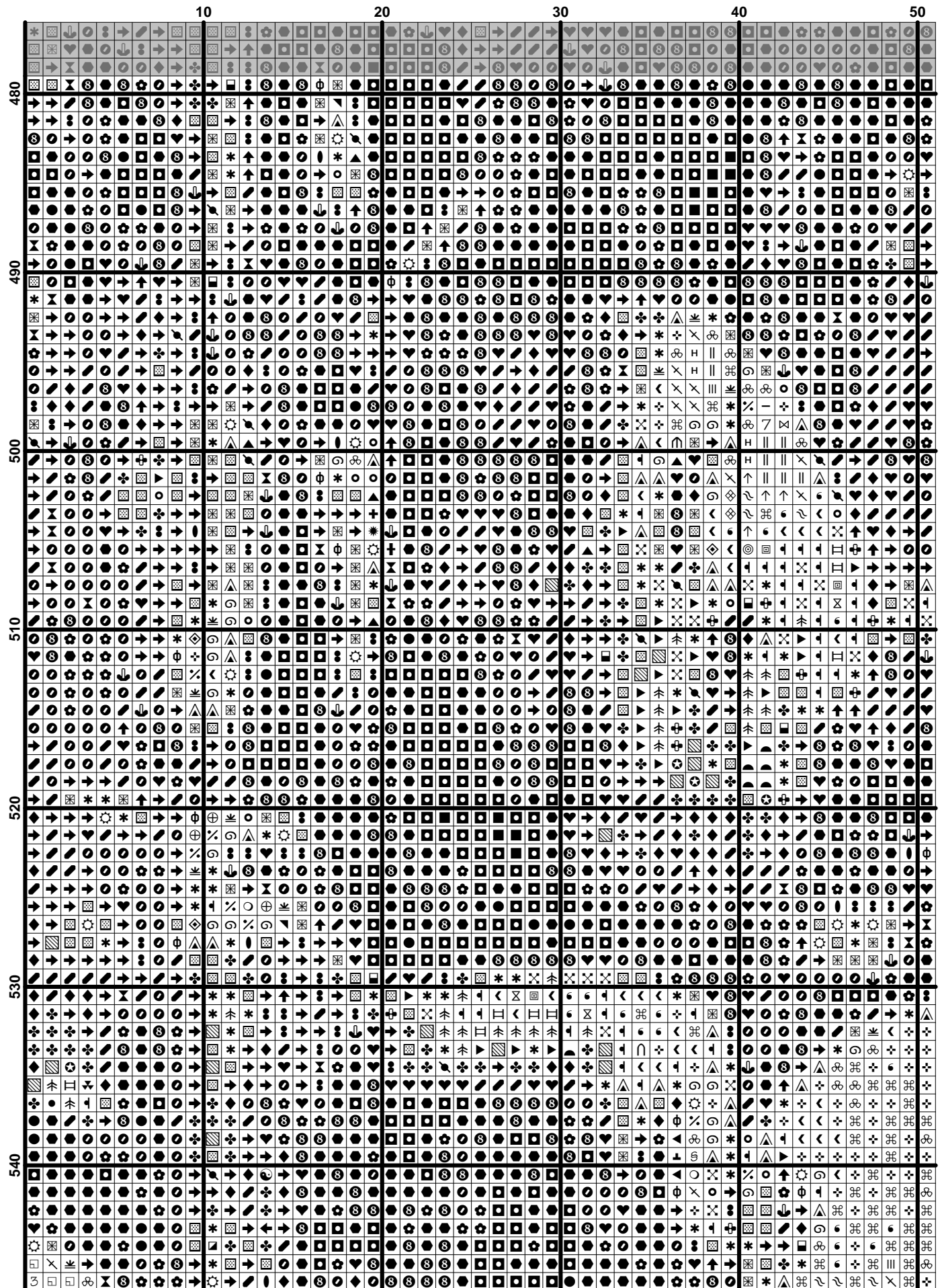


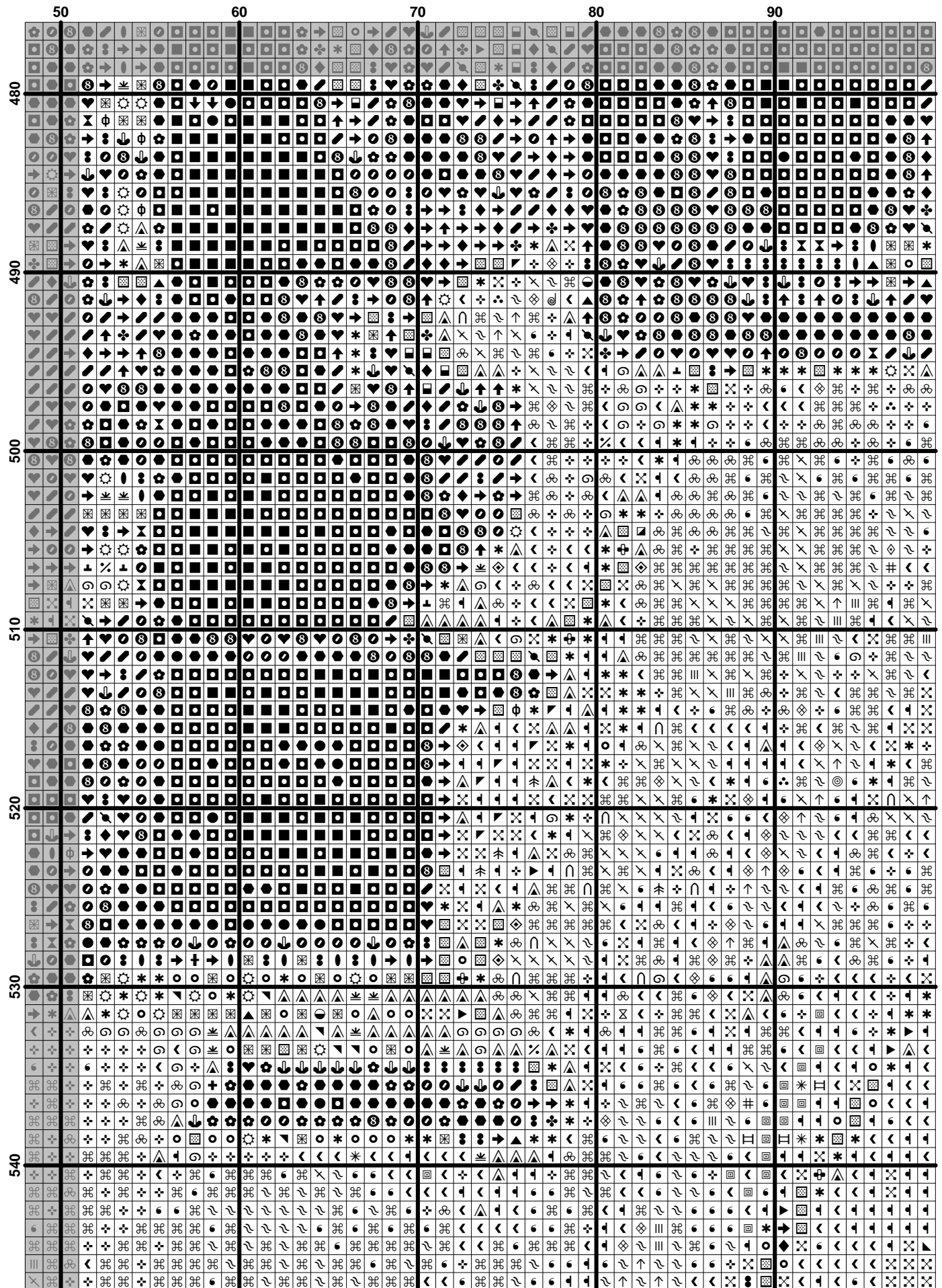












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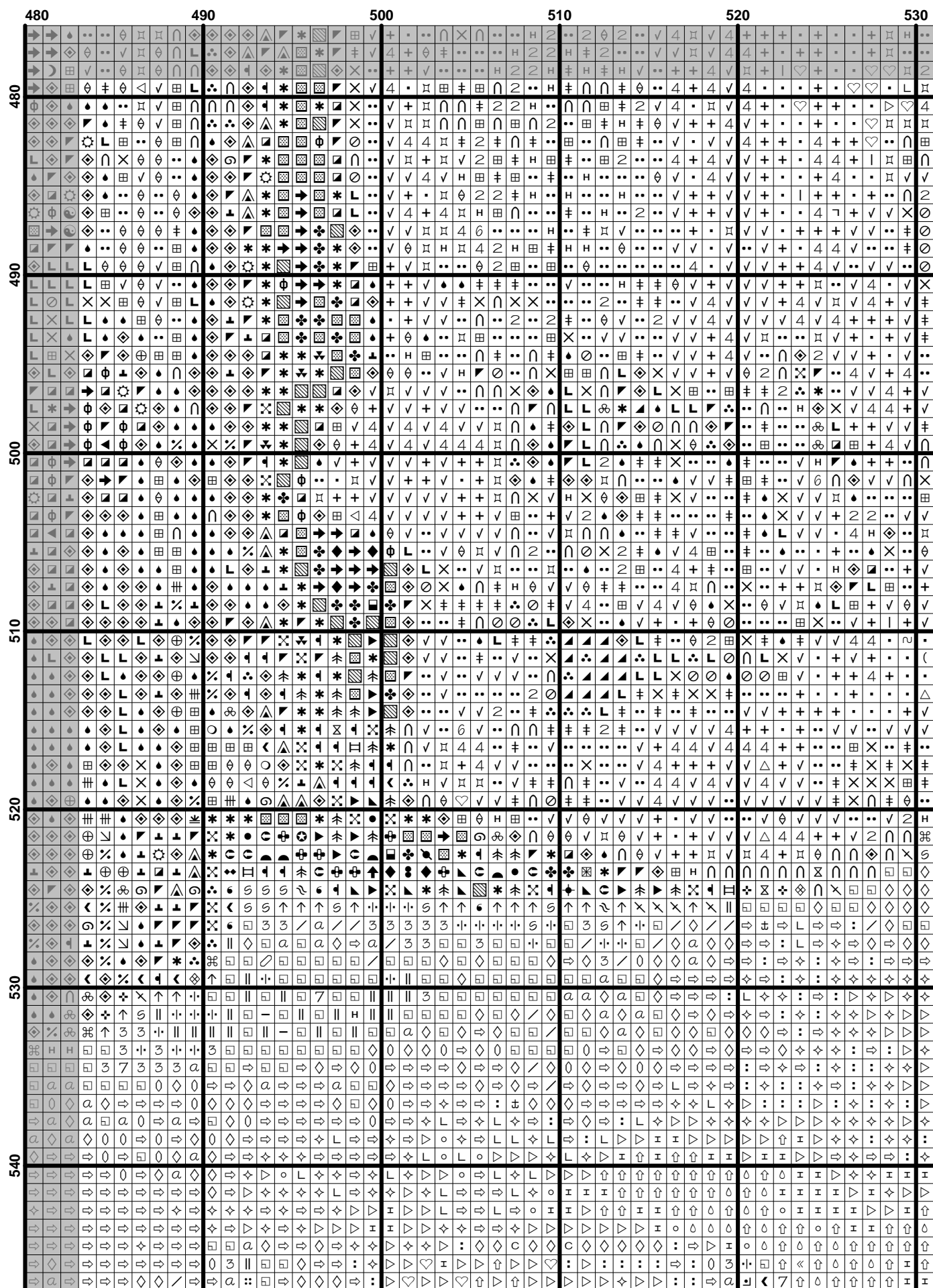
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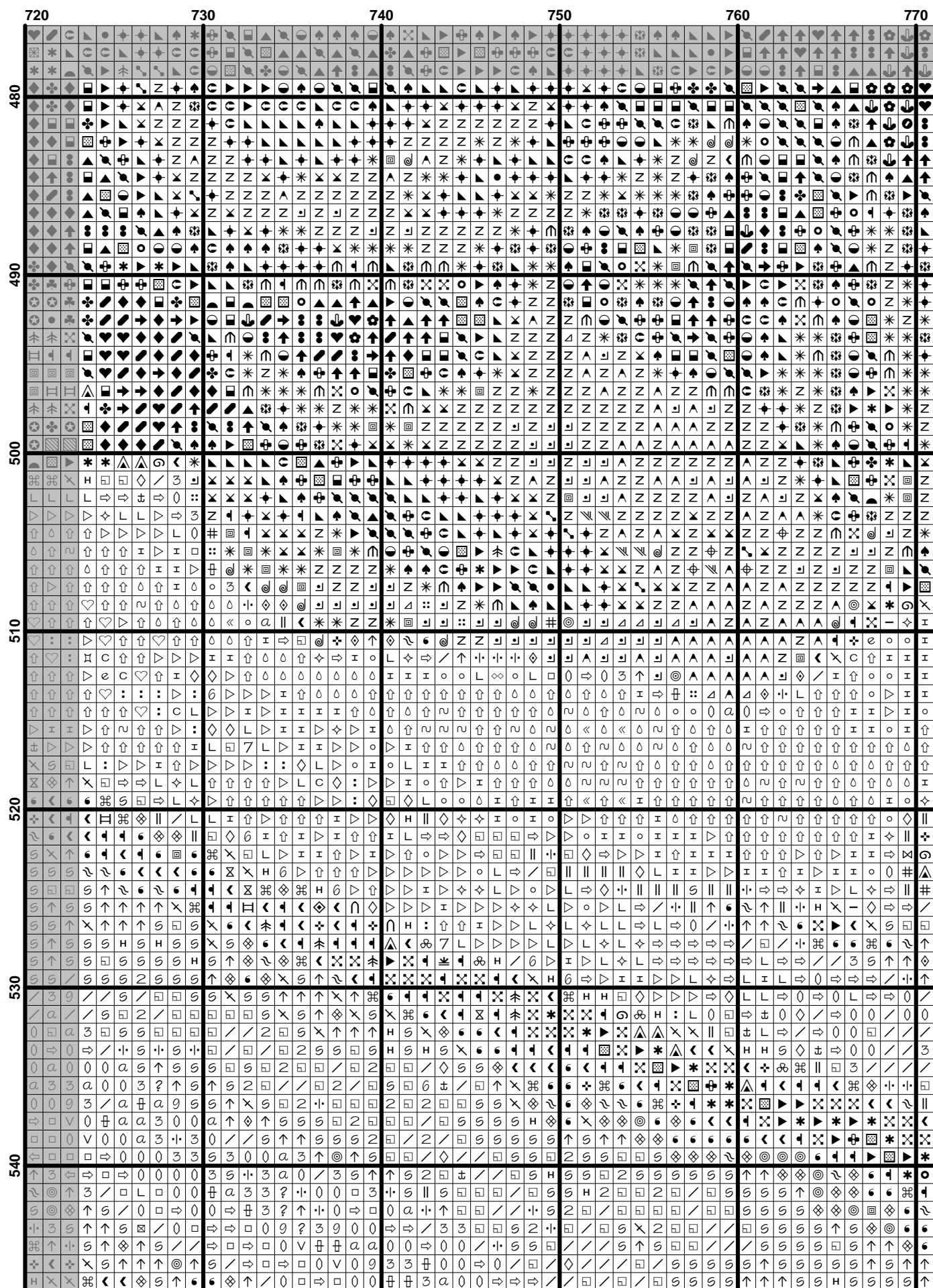


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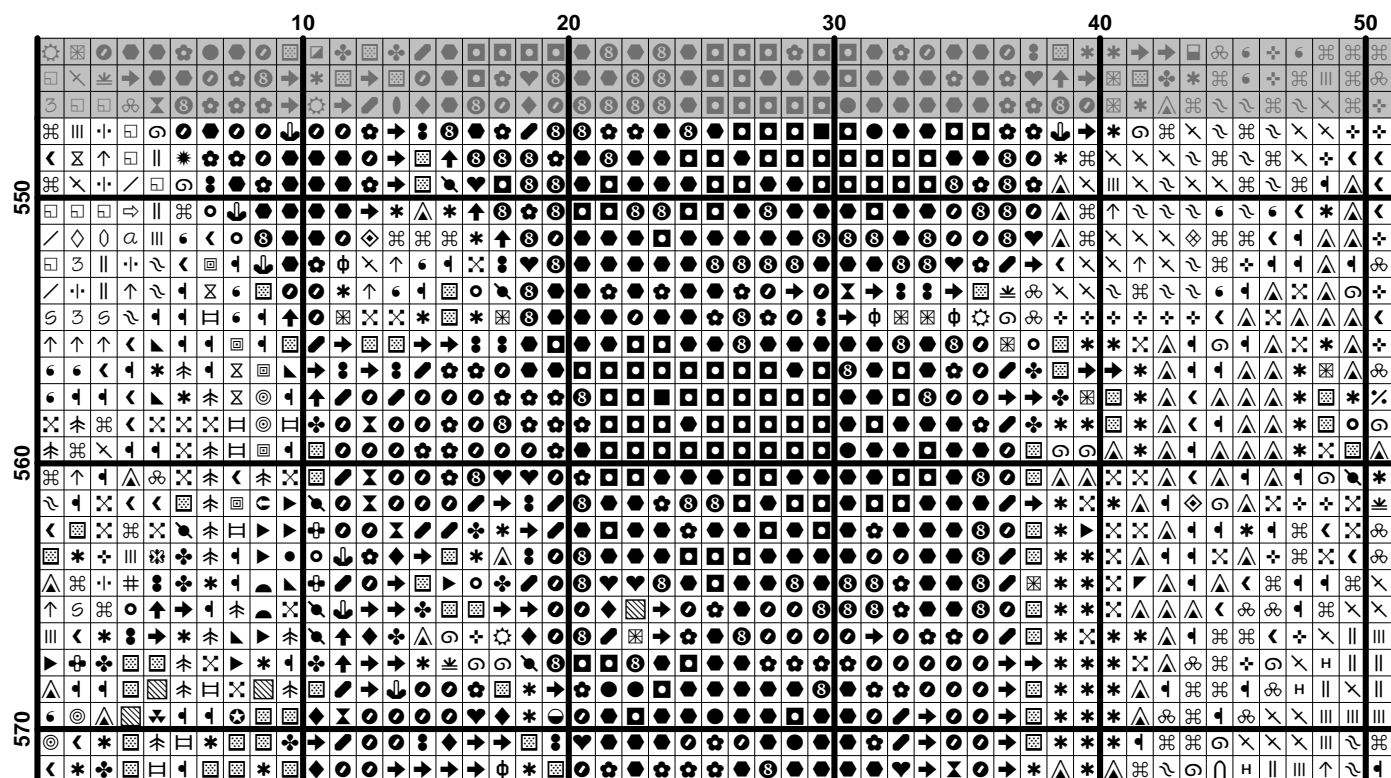
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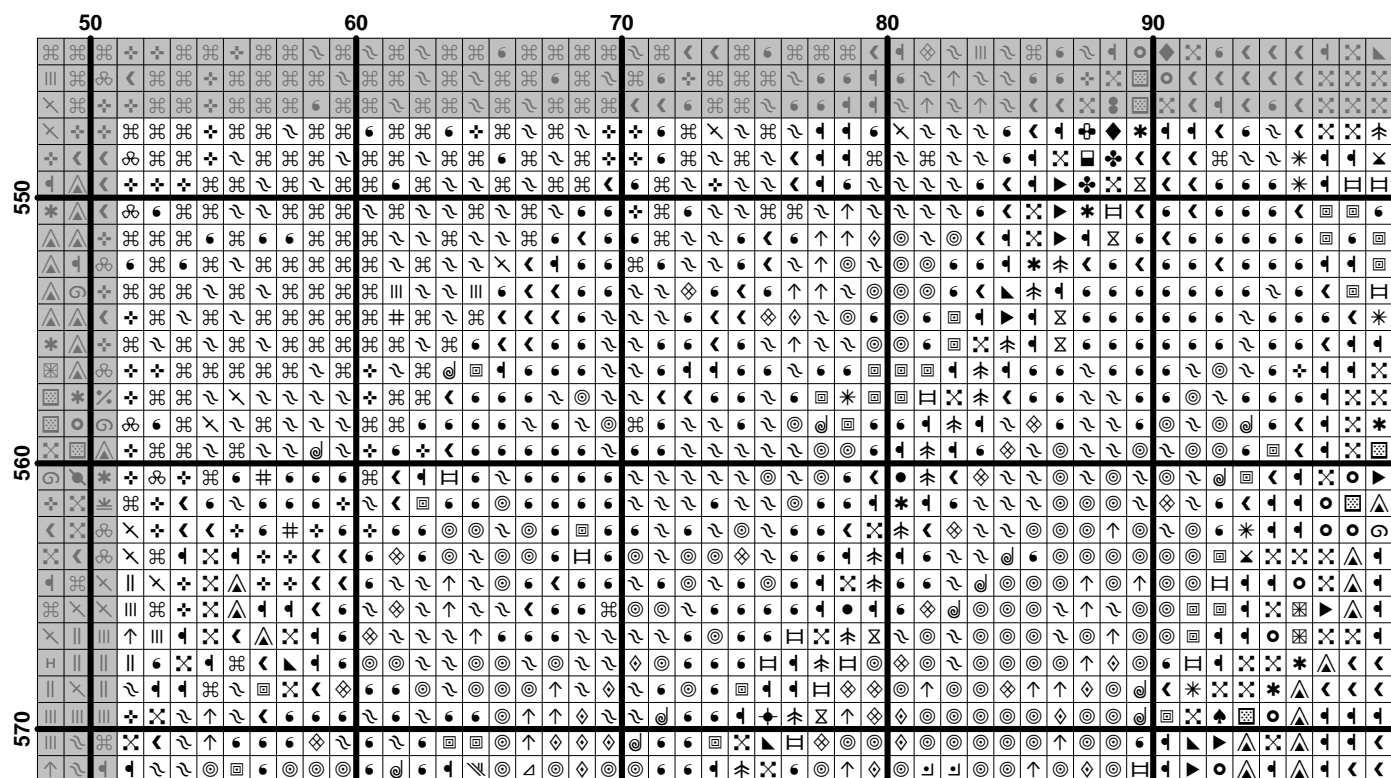
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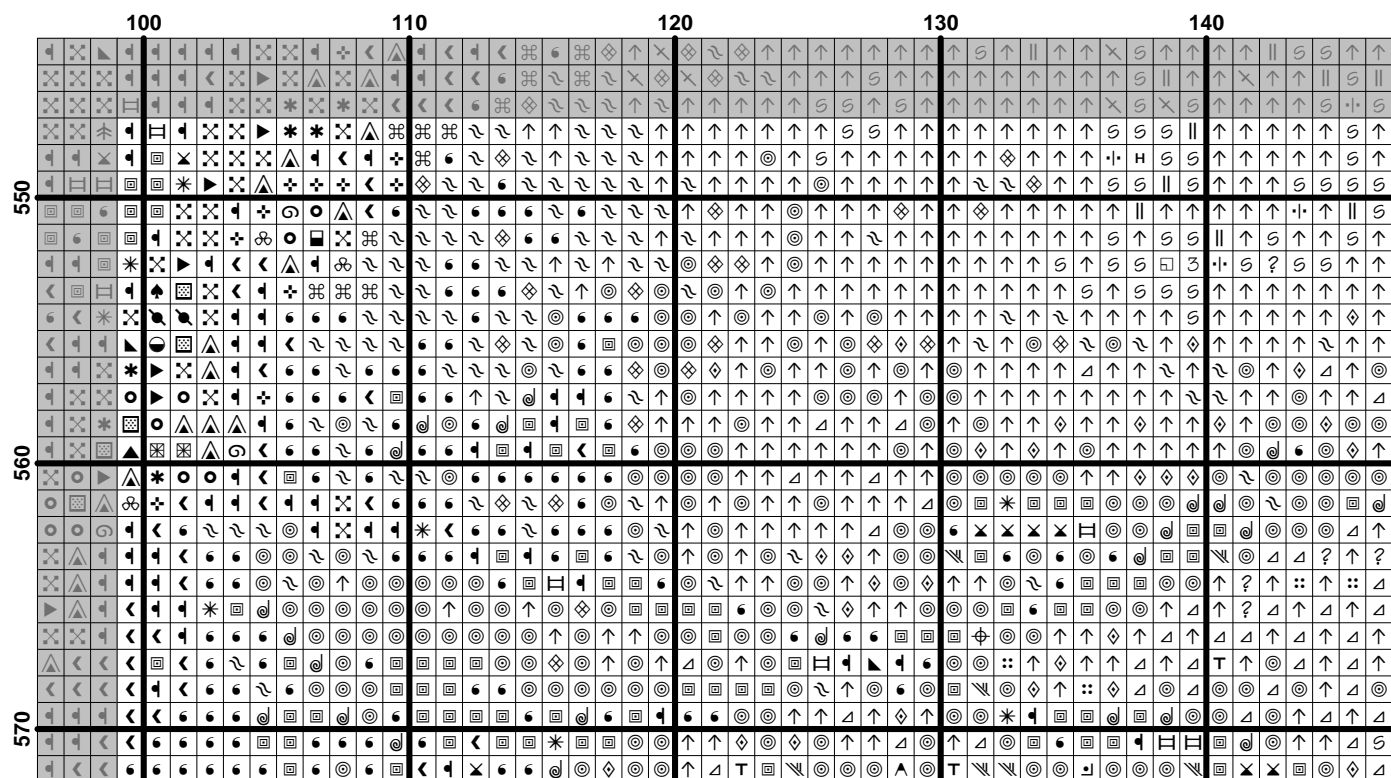


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