

## 240 Queen Guinevere's Maying



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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.

It is easiest to start in the center of the design. 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 thread 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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Queen Guinevere's Maying													

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
::	353	Peach
◇	356	Terra Cotta-MD
❖	370	Mustard-MD
⊕	371	Mustard
★	407	Desert Sand-DK
✱	420	Hazelnut Brown-DK
⊖	422	Hazelnut Brown-LT
♠	435	Brown-VY LT
↘	436	Tan
◇	437	Tan-LT
♠	451	Shell Gray-DK
⊖	452	Shell Gray-MD
■	500	Blue Green-VY DK
≡	522	Fern Green
=	543	Beige Brown-UL VY LT
†	610	Drab Brown-DK
⊙	611	Drab Brown
↑	612	Drab Brown-LT
5	613	Drab Brown-VY LT
✱	640	Beige Gray-VY DK
0	644	Beige Gray-MD
▲	645	Beaver Gray-VY DK
⊙	680	Old Gold-DK
:	712	Cream
3	725	Topaz
√	726	Topaz-LT
◇	729	Old Gold-MD
↓	730	Olive Green-VY DK
*	733	Olive Green-MD
†	734	Olive Green-LT
♠	738	Tan-VY LT
>	739	Tan-UL VY LT
∞	743	Yellow -MD
✱	744	Yellow -Pale
(	745	Yellow -LT Pale
«	746	Off White
≡	778	Antique Mauve-VY LT
✱	780	Topaz-UL VY DK
o	782	Topaz -DK
⊗	783	Topaz -MD
c	822	Beige Gray-LT
←	829	Golden Olive-VY DK
▲	831	Golden Olive-MD

⊕	832	Golden Olive
⊕	833	Golden Olive-LT
4	834	Golden Olive-VY LT
⊙	839	Beige Brown-DK
⊕	841	Beige Brown-LT
⊖	869	Hazelnut Brown-VY DK
⊕	898	Coffee Brown-VY DK
⊖	927	Gray Green-LT
	928	Gray Green-VY LT
♥	935	Avocado Green-DK
●	938	Coffee Brown-UL DK
8	945	Tawny
)	963	Dusty Rose-UL VY LT
9	972	Canary-DK
⊗	977	Golden Brown-LT
⊖	3013	Khaki Green-LT
↘	3021	Brown Gray-VY DK
≡	3022	Brown Gray-MD
⊖	3024	Brown Gray-VY LT
⊙	3031	Mocha Brown-VY DK
↘	3045	Yellow Beige-DK
2	3046	Yellow Beige-MD
♣	3051	Green Gray-DK
♠	3052	Green Gray-MD
↓	3053	Green Gray
e	3072	Beaver Gray-VY LT
1	3078	Golden Yellow -VY LT
✱	3362	Pine Green-DK
*	3363	Pine Green-MD
■	3371	Black Brown
⊗	3740	Antique Violet-DK
⊗	3787	Brown Gray-DK
⊗	3799	Pewter Gray-VY DK
~	3820	Straw -DK
+	3822	Straw -LT
L	3823	Yellow -UL Pale
↑	3827	Golden Brown-Pale
⊖	3828	Hazelnut Brown
■	3829	Old Gold-VY DK
L	3852	Straw -VY DK
m	3854	Autumn Gold-MD
-	3855	Autumn Gold-LT
T	3856	Mahogany-UL VY LT
▲	3862	Mocha Beige-DK
▶	3863	Mocha Beige-MD
Z	3864	Mocha Beige-LT
•	3865	Winter White
^	3866	Mocha Brown-UL VY LT

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

Symbol	DMC1	Name1	DMC2	Name2
☒	612	Drab Brown-LT	3863	Mocha Beige-MD
⦿	839	Beige Brown-DK	610	Drab Brown-DK
♦♦	782	Topaz-DK	783	Topaz-MD
◊	3024	Brown Gray-VY LT	928	Gray Green-VY LT
▀	300	Mahogany-VY DK	869	Hazelnut Brown-VY DK
✕	3031	Mocha Brown-VY DK	3051	Green Gray-DK
⦿	831	Golden Olive-MD	3829	Old Gold-VY DK
▼	831	Golden Olive-MD	780	Topaz-UL VY DK
▀	831	Golden Olive-MD	869	Hazelnut Brown-VY DK
⦿	3829	Old Gold-VY DK	832	Golden Olive
⦿	543	Beige Brown-UL VY LT	613	Drab Brown-VY LT
⦿	644	Beige Gray-MD	3864	Mocha Beige-LT
⦿	3864	Mocha Beige-LT	841	Beige Brown-LT
⦿	422	Hazelnut Brown-LT	3045	Yellow Beige-DK
∇	3864	Mocha Beige-LT	422	Hazelnut Brown-LT
III	436	Tan	734	Olive Green-LT
⦿	3862	Mocha Beige-DK	611	Drab Brown
⦿	370	Mustard-MD	611	Drab Brown
▀	3829	Old Gold-VY DK	780	Topaz-UL VY DK
◆	829	Golden Olive-VY DK	898	Coffee Brown-VY DK
⇒	833	Golden Olive-LT	680	Old Gold-DK
//	3820	Straw -DK	3852	Straw -VY DK
+	420	Hazelnut Brown-DK	680	Old Gold-DK
⇐	977	Golden Brown-LT	3856	Mahogany-UL VY LT
/	3856	Mahogany-UL VY LT	745	Yellow -LT Pale
⦿	3855	Autumn Gold-LT	3856	Mahogany-UL VY LT
∇	3827	Golden Brown-Pale	3822	Straw -LT
⦿	780	Topaz-UL VY DK	782	Topaz-DK
⦿	783	Topaz-MD	435	Brown-VY LT
⦿	898	Coffee Brown-VY DK	935	Avocado Green-DK
⦿	730	Olive Green-VY DK	829	Golden Olive-VY DK
↑	829	Golden Olive-VY DK	3051	Green Gray-DK
⦿	3852	Straw -VY DK	832	Golden Olive
⦿	831	Golden Olive-MD	832	Golden Olive
⦿	831	Golden Olive-MD	730	Olive Green-VY DK
⦿	869	Hazelnut Brown-VY DK	780	Topaz-UL VY DK
→	300	Mahogany-VY DK	780	Topaz-UL VY DK
⦿	3371	Black Brown	938	Coffee Brown-UL DK
●	935	Avocado Green-DK	3371	Black Brown
u	745	Yellow -LT Pale	739	Tan-UL VY LT
›	3046	Yellow Beige-MD	422	Hazelnut Brown-LT
☆	3362	Pine Green-DK	3021	Brown Gray-VY DK
*	3052	Green Gray-MD	640	Beige Gray-VY DK
⦿	3052	Green Gray-MD	610	Drab Brown-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	
224	Shell Pink-VY LT	18	7	17	6	15	5
300	Mahogany-VY DK	216	85	206	81	185	72
353	Peach	11	4	11	4	9	3
356	Terra Cotta-MD	5	1	4	1	4	1
370	Mustard-MD	2223	875	2117	833	1905	750
371	Mustard	1027	404	978	385	880	346
407	Desert Sand-DK	69	27	66	25	59	23
420	Hazelnut Brown-DK	1199	472	1142	449	1028	404
422	Hazelnut Brown-LT	2687	1057	2559	1007	2303	906
435	Brown-VY LT	281	110	268	105	241	94
436	Tan	620	244	591	232	532	209
437	Tan-LT	213	83	203	79	182	71
451	Shell Gray-DK	30	11	29	11	26	10
452	Shell Gray-MD	39	15	37	14	33	12
500	Blue Green-VY DK	1034	407	985	387	886	348
522	Fern Green	69	27	66	25	59	23
543	Beige Brown-UL VY LT	331	130	315	124	283	111
610	Drab Brown-DK	1400	551	1334	525	1200	472
611	Drab Brown	2341	921	2230	877	2007	790
612	Drab Brown-LT	2633	1036	2507	987	2257	888
613	Drab Brown-VY LT	874	344	833	327	749	294
640	Beige Gray-VY DK	251	98	239	94	215	84
644	Beige Gray-MD	718	282	684	269	616	242
645	Beaver Gray-VY DK	31	12	29	11	26	10
680	Old Gold-DK	1439	566	1371	539	1234	485
712	Cream	41	16	39	15	35	13
725	Topaz	140	55	134	52	120	47
726	Topaz-LT	37	14	35	13	31	12
729	Old Gold-MD	533	209	508	200	457	179
730	Olive Green-VY DK	1813	713	1727	679	1554	611
733	Olive Green-MD	143	56	136	53	122	48
734	Olive Green-LT	601	236	572	225	515	202
738	Tan-VY LT	1001	394	953	375	858	337
739	Tan-UL VY LT	672	264	640	251	576	226
743	Yellow -MD	105	41	100	39	90	35
744	Yellow -Pale	144	56	137	53	124	48
745	Yellow -LT Pale	1043	410	993	390	894	351
746	Off White	940	370	895	352	806	317
778	Antique Mauve-VY LT	18	7	17	6	15	5
780	Topaz-UL VY DK	1464	576	1394	548	1255	494
782	Topaz-DK	446	175	425	167	382	150
783	Topaz-MD	416	163	397	156	357	140
822	Beige Gray-LT	165	64	157	61	141	55
829	Golden Olive-VY DK	2667	1050	2540	1000	2286	900
831	Golden Olive-MD	5773	2272	5498	2164	4948	1948
832	Golden Olive	2568	1011	2446	962	2201	866
833	Golden Olive-LT	726	285	691	272	622	244
834	Golden Olive-VY LT	343	135	326	128	294	115
839	Beige Brown-DK	369	145	351	138	316	124
841	Beige Brown-LT	740	291	704	277	634	249
869	Hazelnut Brown-VY DK	2249	885	2142	843	1928	759
898	Coffee Brown-VY DK	2439	960	2323	914	2091	823
927	Gray Green-LT	6	2	6	2	5	1

928	Gray Green-VY LT	52	20	50	19	45	17
935	Avocado Green-DK	2863	1127	2727	1073	2454	966
938	Coffee Brown-UL DK	950	374	905	356	814	320
945	Tawny	167	65	159	62	143	56
963	Dusty Rose-UL VY LT	7	2	6	2	6	2
972	Canary-DK	22	8	21	8	19	7
977	Golden Brown-LT	215	84	205	80	184	72
3013	Khaki Green-LT	921	362	877	345	789	310
3021	Brown Gray-VY DK	293	115	279	109	251	98
3022	Brown Gray-MD	124	48	118	46	106	41
3024	Brown Gray-VY LT	64	25	61	24	55	21
3031	Mocha Brown-VY DK	709	279	675	265	607	238
3045	Yellow Beige-DK	2989	1176	2847	1120	2562	1008
3046	Yellow Beige-MD	1174	462	1118	440	1006	396
3051	Green Gray-DK	1595	627	1519	598	1367	538
3052	Green Gray-MD	568	223	541	212	487	191
3053	Green Gray	284	111	270	106	243	95
3072	Beaver Gray-VY LT	14	5	13	5	12	4
3078	Golden Yellow -VY LT	575	226	548	215	493	194
3362	Pine Green-DK	301	118	287	112	258	101
3363	Pine Green-MD	31	12	29	11	26	10
3371	Black Brown	3864	1521	3680	1448	3312	1303
3740	Antique Violet-DK	3	1	3	1	3	1
3787	Brown Gray-DK	197	77	187	73	169	66
3799	Pewter Gray-VY DK	34	13	32	12	29	11
3820	Straw -DK	269	105	256	100	231	90
3822	Straw -LT	204	80	195	76	175	68
3823	Yellow -UL Pale	1103	434	1050	413	945	372
3827	Golden Brown-Pale	254	100	242	95	217	85
3828	Hazelnut Brown	1660	653	1581	622	1423	560
3829	Old Gold-VY DK	2134	840	2033	800	1829	720
3852	Straw -VY DK	374	147	356	140	321	126
3854	Autumn Gold-MD	82	32	78	30	70	27
3855	Autumn Gold-LT	310	122	296	116	266	104
3856	Mahogany-UL VY LT	618	243	589	231	530	208
3862	Mocha Beige-DK	652	256	621	244	559	220
3863	Mocha Beige-MD	676	266	644	253	579	227
3864	Mocha Beige-LT	1708	672	1627	640	1464	576
3865	Winter White	217	85	207	81	186	73
3866	Mocha Brown-UL VY LT	92	36	87	34	78	30

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
224	Shell Pink-VY LT	27	9	23	8	11	4
300	Mahogany-VY DK	333	130	278	108	139	54
353	Peach	16	5	14	5	7	2
356	Terra Cotta-MD	7	2	6	2	3	1
370	Mustard-MD	3429	1350	2858	1125	1429	563
371	Mustard	1584	623	1320	519	660	260
407	Desert Sand-DK	106	41	89	35	44	17
420	Hazelnut Brown-DK	1850	727	1542	606	771	303
422	Hazelnut Brown-LT	4145	1631	3455	1359	1727	680
435	Brown-VY LT	434	169	362	141	181	71
436	Tan	958	376	798	314	399	157
437	Tan-LT	328	128	273	107	137	53

451	Shell Gray-DK	47	18	39	15	20	8
452	Shell Gray-MD	59	22	50	18	25	9
500	Blue Green-VY DK	1595	626	1329	522	665	261
522	Fern Green	106	41	89	35	44	17
543	Beige Brown-UL VY LT	509	200	425	167	212	83
610	Drab Brown-DK	2160	850	1800	708	900	354
611	Drab Brown	3613	1422	3011	1185	1505	593
612	Drab Brown-LT	4063	1598	3386	1332	1693	666
613	Drab Brown-VY LT	1348	529	1124	441	562	221
640	Beige Gray-VY DK	387	151	323	126	161	63
644	Beige Gray-MD	1109	436	924	363	462	182
645	Beaver Gray-VY DK	47	18	39	15	20	8
680	Old Gold-DK	2221	873	1851	728	926	364
712	Cream	63	23	53	20	26	10
725	Topaz	216	85	180	71	90	35
726	Topaz-LT	56	22	47	18	23	9
729	Old Gold-MD	823	322	686	269	343	134
730	Olive Green-VY DK	2797	1100	2331	917	1166	458
733	Olive Green-MD	220	86	183	72	92	36
734	Olive Green-LT	927	364	773	303	386	152
738	Tan-VY LT	1544	607	1287	506	644	253
739	Tan-UL VY LT	1037	407	864	339	432	170
743	Yellow-MD	162	63	135	53	68	26
744	Yellow-Pale	223	86	186	72	93	36
745	Yellow-LT Pale	1609	632	1341	527	671	263
746	Off White	1451	571	1209	476	605	238
778	Antique Mauve-VY LT	27	9	23	8	11	4
780	Topaz-UL VY DK	2259	889	1883	741	941	371
782	Topaz-DK	688	270	573	225	287	113
783	Topaz-MD	643	252	536	210	268	105
822	Beige Gray-LT	254	99	212	83	106	41
829	Golden Olive-VY DK	4115	1620	3429	1350	1715	675
831	Golden Olive-MD	8906	3506	7422	2922	3711	1461
832	Golden Olive	3962	1559	3302	1299	1651	650
833	Golden Olive-LT	1120	439	933	366	467	183
834	Golden Olive-VY LT	529	207	441	173	221	86
839	Beige Brown-DK	569	223	474	186	237	93
841	Beige Brown-LT	1141	448	951	374	476	187
869	Hazelnut Brown-VY DK	3470	1366	2892	1139	1446	569
898	Coffee Brown-VY DK	3764	1481	3137	1235	1568	617
927	Gray Green-LT	9	2	8	2	4	1
928	Gray Green-VY LT	81	31	68	26	34	13
935	Avocado Green-DK	4417	1739	3681	1449	1841	725
938	Coffee Brown-UL DK	1465	576	1221	480	611	240
945	Tawny	257	101	215	84	107	42
963	Dusty Rose-UL VY LT	11	4	9	3	5	2
972	Canary-DK	34	13	29	11	14	5
977	Golden Brown-LT	331	130	276	108	138	54
3013	Khaki Green-LT	1420	558	1184	465	592	233
3021	Brown Gray-VY DK	452	176	377	147	188	74
3022	Brown Gray-MD	191	74	159	62	80	31
3024	Brown Gray-VY LT	99	38	83	32	41	16
3031	Mocha Brown-VY DK	1093	428	911	357	455	179
3045	Yellow Beige-DK	4612	1814	3843	1512	1922	756
3046	Yellow Beige-MD	1811	713	1509	594	755	297
3051	Green Gray-DK	2461	968	2051	807	1025	404
3052	Green Gray-MD	877	344	731	287	365	143
3053	Green Gray	437	171	365	143	182	71
3072	Beaver Gray-VY LT	22	7	18	6	9	3

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3078	Golden Yellow-VY LT	887	349	740	291	370	146
3362	Pine Green-DK	464	182	387	152	194	76
3363	Pine Green-MD	47	18	39	15	20	8
3371	Black Brown	5962	2345	4968	1955	2484	977
3740	Antique Violet-DK	5	2	5	2	2	1
3787	Brown Gray-DK	304	119	254	99	127	50
3799	Pewter Gray-VY DK	52	20	44	17	22	8
3820	Straw -DK	416	162	347	135	173	68
3822	Straw -LT	315	122	263	102	131	51
3823	Yellow -UL Pale	1701	670	1418	558	709	279
3827	Golden Brown-Pale	391	153	326	128	163	64
3828	Hazelnut Brown	2561	1008	2135	840	1067	420
3829	Old Gold-VY DK	3292	1296	2744	1080	1372	540
3852	Straw -VY DK	578	227	482	189	241	95
3854	Autumn Gold-MD	126	49	105	41	53	20
3855	Autumn Gold-LT	479	187	399	156	200	78
3856	Mahogany-UL VY LT	954	374	795	312	398	156
3862	Mocha Beige-DK	1006	396	839	330	419	165
3863	Mocha Beige-MD	1042	409	869	341	434	170
3864	Mocha Beige-LT	2635	1037	2196	864	1098	432
3865	Winter White	335	131	279	110	140	55
3866	Mocha Brown-UL VY LT	140	54	117	45	59	23

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
224	Shell Pink-VY LT	11	4	10	3	10	3
300	Mahogany-VY DK	133	52	128	50	123	48
353	Peach	6	2	6	2	6	2
356	Terra Cotta-MD	3	1	3	1	3	1
370	Mustard-MD	1372	540	1319	519	1270	500
371	Mustard	634	249	609	240	587	231
407	Desert Sand-DK	42	17	41	16	39	15
420	Hazelnut Brown-DK	740	291	712	280	685	269
422	Hazelnut Brown-LT	1658	652	1594	627	1535	604
435	Brown-VY LT	174	68	167	65	161	63
436	Tan	383	150	368	145	355	139
437	Tan-LT	131	51	126	49	121	47
451	Shell Gray-DK	19	7	18	7	17	7
452	Shell Gray-MD	24	9	23	8	22	8
500	Blue Green-VY DK	638	251	613	241	591	232
522	Fern Green	42	17	41	16	39	15
543	Beige Brown-UL VY LT	204	80	196	77	189	74
610	Drab Brown-DK	864	340	831	327	800	315
611	Drab Brown	1445	569	1389	547	1338	527
612	Drab Brown-LT	1625	639	1563	615	1505	592
613	Drab Brown-VY LT	539	212	519	204	499	196
640	Beige Gray-VY DK	155	60	149	58	143	56
644	Beige Gray-MD	444	174	426	168	411	161
645	Beaver Gray-VY DK	19	7	18	7	17	7
680	Old Gold-DK	888	349	854	336	823	323
712	Cream	25	9	24	9	23	9
725	Topaz	86	34	83	33	80	31
726	Topaz-LT	22	9	21	8	21	8
729	Old Gold-MD	329	129	316	124	305	119
730	Olive Green-VY DK	1119	440	1076	423	1036	407

733	Olive Green-MD	88	35	84	33	81	32
734	Olive Green-LT	371	145	357	140	343	135
738	Tan-VY LT	618	243	594	233	572	225
739	Tan-UL VY LT	415	163	399	156	384	151
743	Yellow -MD	65	25	62	24	60	23
744	Yellow -Pale	89	35	86	33	83	32
745	Yellow -LT Pale	644	253	619	243	596	234
746	Off White	580	228	558	219	537	211
778	Antique Mauve-VY LT	11	4	10	3	10	3
780	Topaz-UL VY DK	904	356	869	342	837	329
782	Topaz-DK	275	108	264	104	255	100
783	Topaz-MD	257	101	247	97	238	93
822	Beige Gray-LT	102	40	98	38	94	37
829	Golden Olive-VY DK	1646	648	1583	623	1524	600
831	Golden Olive-MD	3563	1403	3426	1349	3299	1299
832	Golden Olive	1585	624	1524	600	1467	577
833	Golden Olive-LT	448	176	431	169	415	163
834	Golden Olive-VY LT	212	83	204	80	196	77
839	Beige Brown-DK	228	89	219	86	211	83
841	Beige Brown-LT	456	179	439	172	423	166
869	Hazelnut Brown-VY DK	1388	546	1335	525	1285	506
898	Coffee Brown-VY DK	1506	593	1448	570	1394	549
927	Gray Green-LT	4	1	3	1	3	1
928	Gray Green-VY LT	32	12	31	12	30	11
935	Avocado Green-DK	1767	696	1699	669	1636	644
938	Coffee Brown-UL DK	586	230	564	222	543	213
945	Tawny	103	40	99	39	95	37
963	Dusty Rose-UL VY LT	4	1	4	1	4	1
972	Canary-DK	14	5	13	5	13	5
977	Golden Brown-LT	132	52	127	50	123	48
3013	Khaki Green-LT	568	223	546	215	526	207
3021	Brown Gray-VY DK	181	71	174	68	167	65
3022	Brown Gray-MD	76	30	73	28	71	27
3024	Brown Gray-VY LT	40	15	38	15	37	14
3031	Mocha Brown-VY DK	437	171	420	165	405	159
3045	Yellow Beige-DK	1845	726	1774	698	1708	672
3046	Yellow Beige-MD	724	285	696	274	671	264
3051	Green Gray-DK	984	387	946	372	911	359
3052	Green Gray-MD	351	138	337	132	325	127
3053	Green Gray	175	68	168	66	162	63
3072	Beaver Gray-VY LT	9	3	8	3	8	3
3078	Golden Yellow-VY LT	355	140	341	134	329	129
3362	Pine Green-DK	186	73	179	70	172	67
3363	Pine Green-MD	19	7	18	7	17	7
3371	Black Brown	2385	938	2293	902	2208	869
3740	Antique Violet-DK	2	1	2	1	2	1
3787	Brown Gray-DK	122	48	117	46	113	44
3799	Pewter Gray-VY DK	21	8	20	8	19	7
3820	Straw -DK	166	65	160	62	154	60
3822	Straw -LT	126	49	121	47	117	45
3823	Yellow -UL Pale	680	268	654	258	630	248
3827	Golden Brown-Pale	156	61	150	59	145	57
3828	Hazelnut Brown	1025	403	985	388	949	373
3829	Old Gold-VY DK	1317	518	1266	498	1219	480
3852	Straw -VY DK	231	91	222	87	214	84
3854	Autumn Gold-MD	50	19	48	19	47	18
3855	Autumn Gold-LT	192	75	184	72	177	69
3856	Mahogany-UL VY LT	382	150	367	144	353	139
3862	Mocha Beige-DK	402	158	387	152	373	147

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3863	Mocha Beige-MD	417	163	401	157	386	151
3864	Mocha Beige-LT	1054	415	1014	399	976	384
3865	Winter White	134	53	129	51	124	49
3866	Mocha Brown-UL VY LT	56	22	54	21	52	20

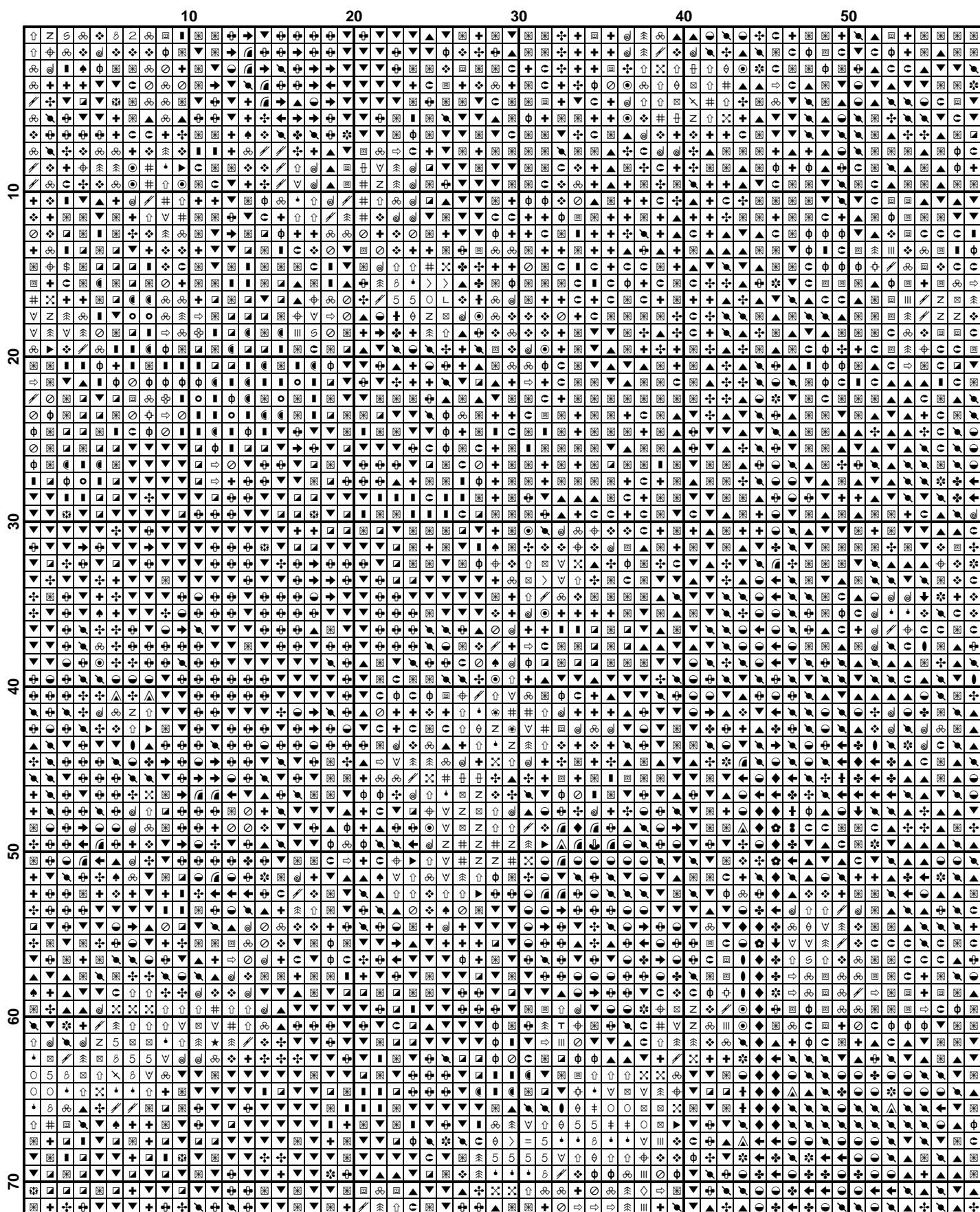
Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
224	Shell Pink-VY LT	10	3	9	3	8	3
300	Mahogany-VY DK	119	46	111	43	104	41
353	Peach	6	2	5	2	5	2
356	Terra Cotta-MD	3	1	2	1	2	1
370	Mustard-MD	1225	482	1143	450	1072	422
371	Mustard	566	222	528	208	495	195
407	Desert Sand-DK	38	15	35	14	33	13
420	Hazelnut Brown-DK	661	260	617	242	578	227
422	Hazelnut Brown-LT	1481	582	1382	544	1295	510
435	Brown-VY LT	155	60	145	56	136	53
436	Tan	342	134	319	125	299	118
437	Tan-LT	117	46	109	43	102	40
451	Shell Gray-DK	17	6	16	6	15	6
452	Shell Gray-MD	21	8	20	7	19	7
500	Blue Green-VY DK	570	224	532	209	498	196
522	Fern Green	38	15	35	14	33	13
543	Beige Brown-UL VY LT	182	71	170	67	159	62
610	Drab Brown-DK	771	303	720	283	675	266
611	Drab Brown	1290	508	1204	474	1129	444
612	Drab Brown-LT	1451	571	1354	533	1270	500
613	Drab Brown-VY LT	482	189	449	176	421	165
640	Beige Gray-VY DK	138	54	129	50	121	47
644	Beige Gray-MD	396	156	370	145	347	136
645	Beaver Gray-VY DK	17	6	16	6	15	6
680	Old Gold-DK	793	312	740	291	694	273
712	Cream	23	8	21	8	20	7
725	Topaz	77	30	72	28	68	26
726	Topaz-LT	20	8	19	7	17	7
729	Old Gold-MD	294	115	274	107	257	101
730	Olive Green-VY DK	999	393	932	367	874	344
733	Olive Green-MD	78	31	73	29	69	27
734	Olive Green-LT	331	130	309	121	290	114
738	Tan-VY LT	552	217	515	202	483	190
739	Tan-UL VY LT	370	145	346	136	324	127
743	Yellow -MD	58	23	54	21	51	20
744	Yellow -Pale	80	31	74	29	70	27
745	Yellow -LT Pale	575	226	536	211	503	197
746	Off White	518	204	484	190	453	178
778	Antique Mauve-VY LT	10	3	9	3	8	3
780	Topaz-UL VY DK	807	318	753	296	706	278
782	Topaz-DK	246	96	229	90	215	84
783	Topaz-MD	230	90	214	84	201	79
822	Beige Gray-LT	91	35	85	33	79	31
829	Golden Olive-VY DK	1470	579	1372	540	1286	506
831	Golden Olive-MD	3181	1252	2969	1169	2783	1096
832	Golden Olive	1415	557	1321	520	1238	487
833	Golden Olive-LT	400	157	373	146	350	137
834	Golden Olive-VY LT	189	74	176	69	165	65
839	Beige Brown-DK	203	80	190	74	178	70

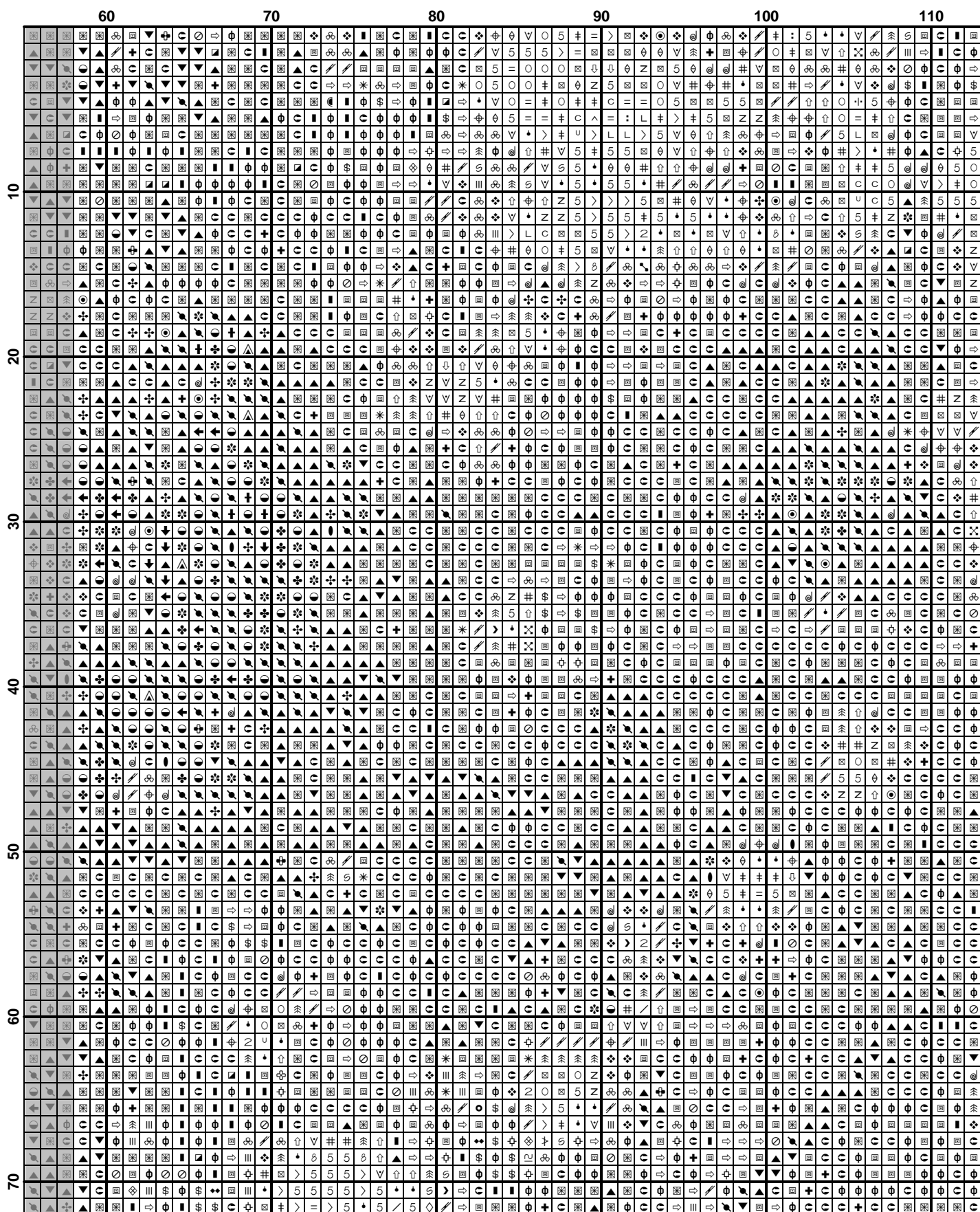
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841	Beige Brown-LT	408	160	380	149	357	140
869	Hazelnut Brown-VY DK	1239	488	1157	455	1085	427
898	Coffee Brown-VY DK	1344	529	1255	494	1176	463
927	Gray Green-LT	3	1	3	1	3	1
928	Gray Green-VY LT	29	11	27	10	25	10
935	Avocado Green-DK	1578	621	1472	580	1380	543
938	Coffee Brown-UL DK	523	206	488	192	458	180
945	Tawny	92	36	86	34	80	32
963	Dusty Rose-UL VY LT	4	1	4	1	3	1
972	Canary-DK	12	5	11	4	11	4
977	Golden Brown-LT	118	46	110	43	104	41
3013	Khaki Green-LT	507	199	473	186	444	174
3021	Brown Gray-VY DK	161	63	151	59	141	55
3022	Brown Gray-MD	68	26	64	25	60	23
3024	Brown Gray-VY LT	35	14	33	13	31	12
3031	Mocha Brown-VY DK	390	153	364	143	341	134
3045	Yellow Beige-DK	1647	648	1537	605	1441	567
3046	Yellow Beige-MD	647	255	604	238	566	223
3051	Green Gray-DK	879	346	820	323	769	303
3052	Green Gray-MD	313	123	292	115	274	107
3053	Green Gray	156	61	146	57	137	53
3072	Beaver Gray-VY LT	8	3	7	2	7	2
3078	Golden Yellow-VY LT	317	125	296	116	277	109
3362	Pine Green-DK	166	65	155	61	145	57
3363	Pine Green-MD	17	6	16	6	15	6
3371	Black Brown	2129	838	1987	782	1863	733
3740	Antique Violet-DK	2	1	2	1	2	1
3787	Brown Gray-DK	109	42	101	40	95	37
3799	Pewter Gray-VY DK	19	7	17	7	16	6
3820	Straw -DK	149	58	139	54	130	51
3822	Straw -LT	113	44	105	41	98	38
3823	Yellow -UL Pale	608	239	567	223	532	209
3827	Golden Brown-Pale	140	55	130	51	122	48
3828	Hazelnut Brown	915	360	854	336	800	315
3829	Old Gold-VY DK	1176	463	1097	432	1029	405
3852	Straw -VY DK	206	81	193	76	181	71
3854	Autumn Gold-MD	45	17	42	16	39	15
3855	Autumn Gold-LT	171	67	160	62	150	59
3856	Mahogany-UL VY LT	341	134	318	125	298	117
3862	Mocha Beige-DK	359	141	335	132	314	124
3863	Mocha Beige-MD	372	146	347	136	326	128
3864	Mocha Beige-LT	941	370	878	346	824	324
3865	Winter White	120	47	112	44	105	41
3866	Mocha Brown-UL VY LT	50	19	47	18	44	17







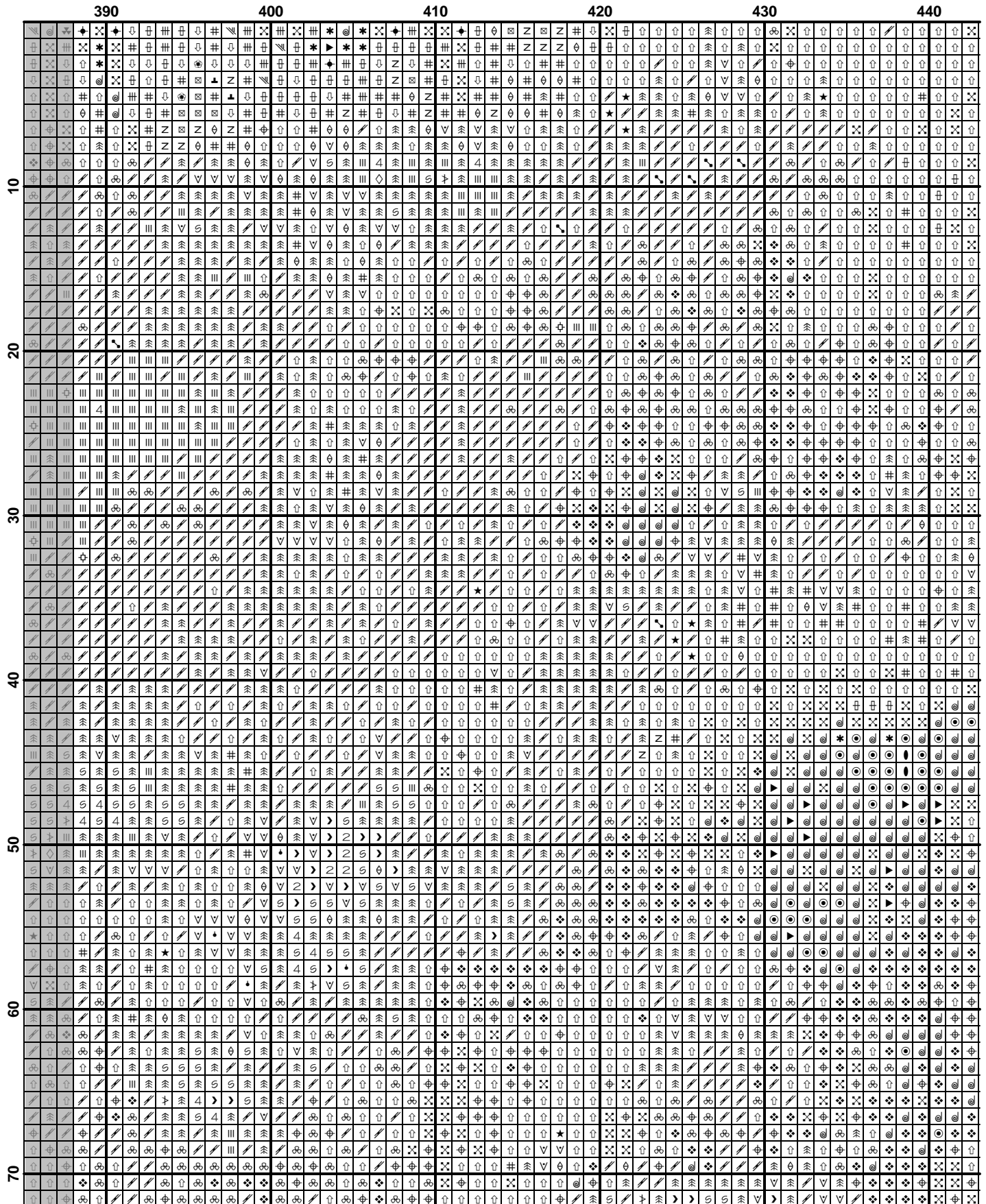
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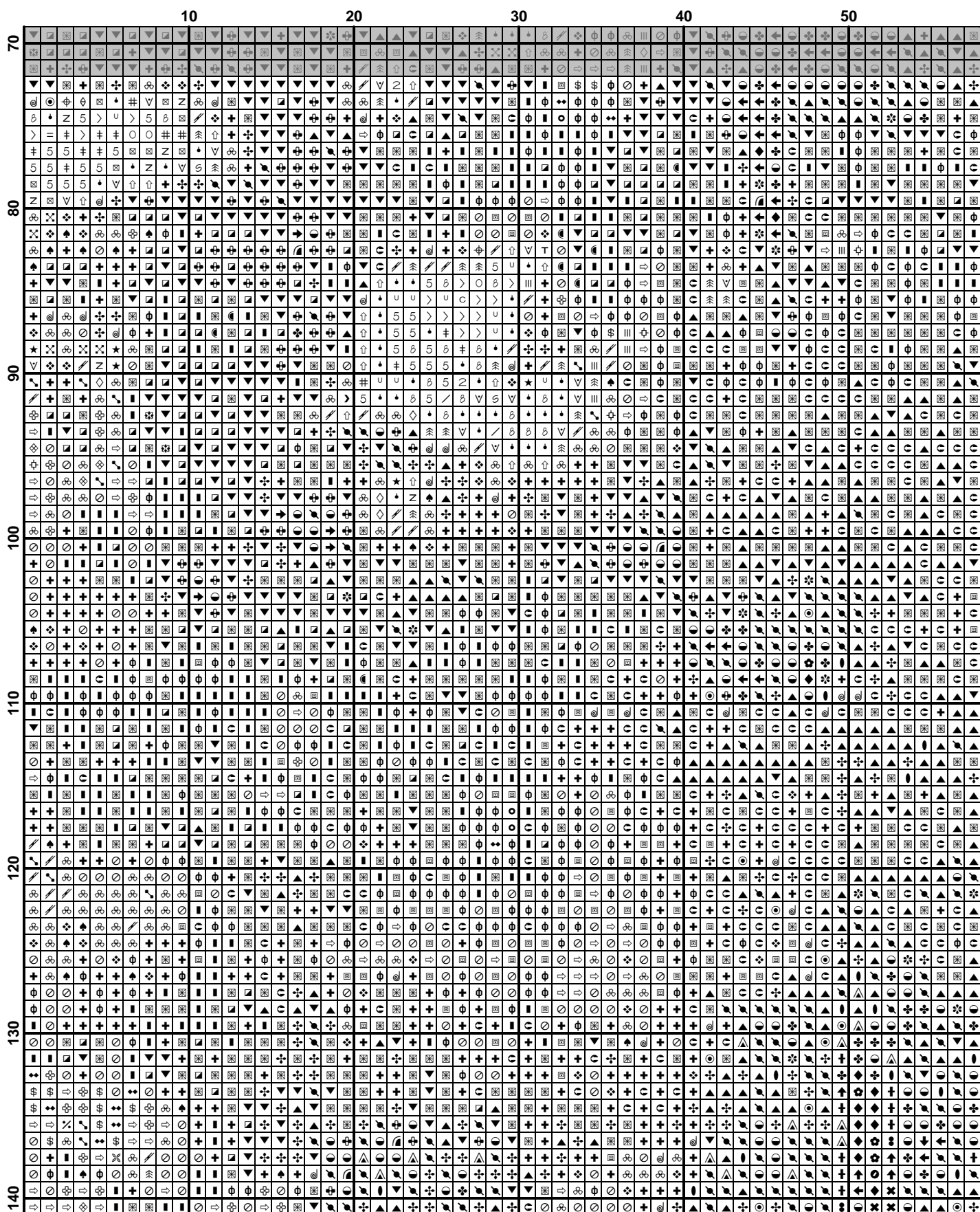
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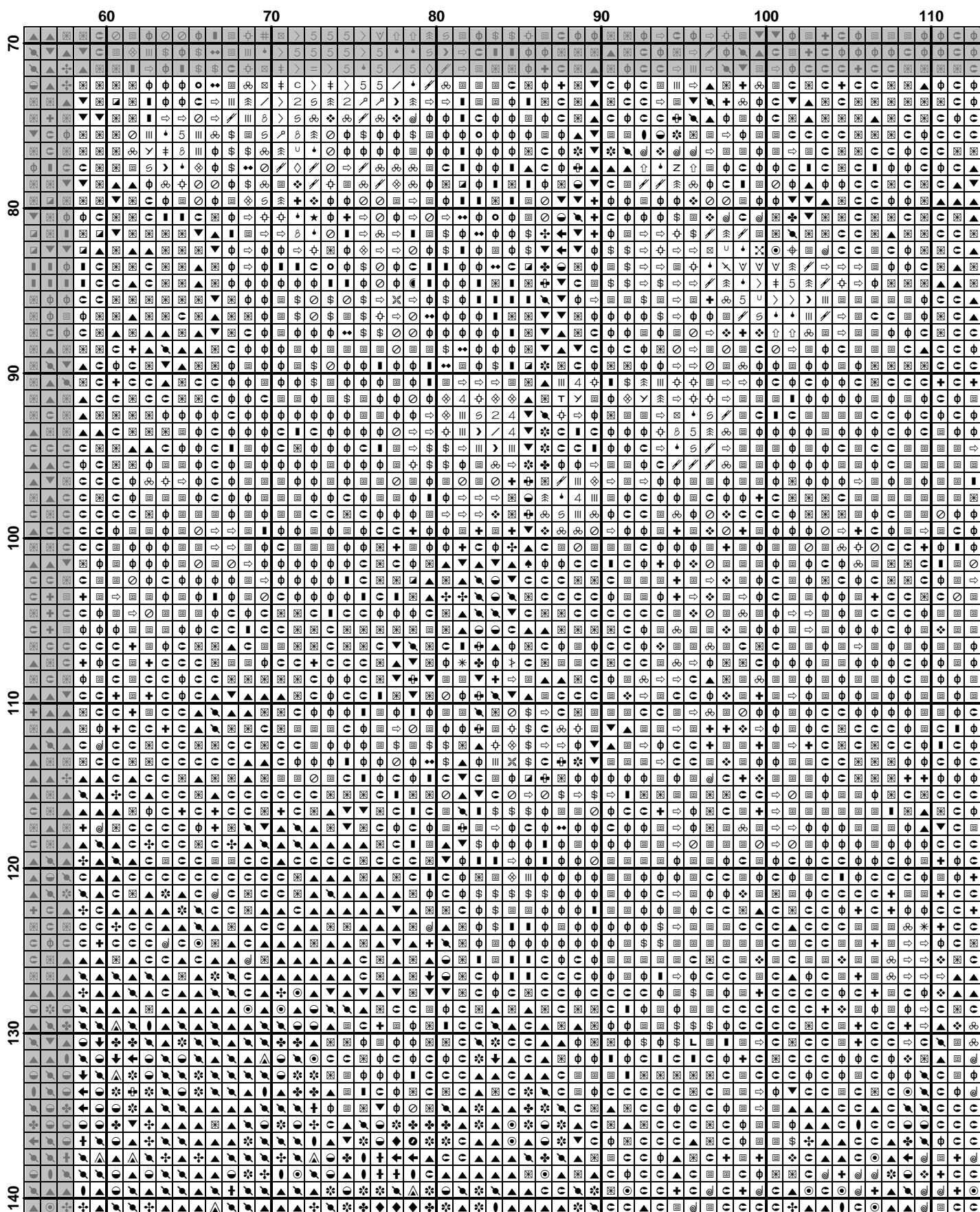
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	220	230	240	250	260	270
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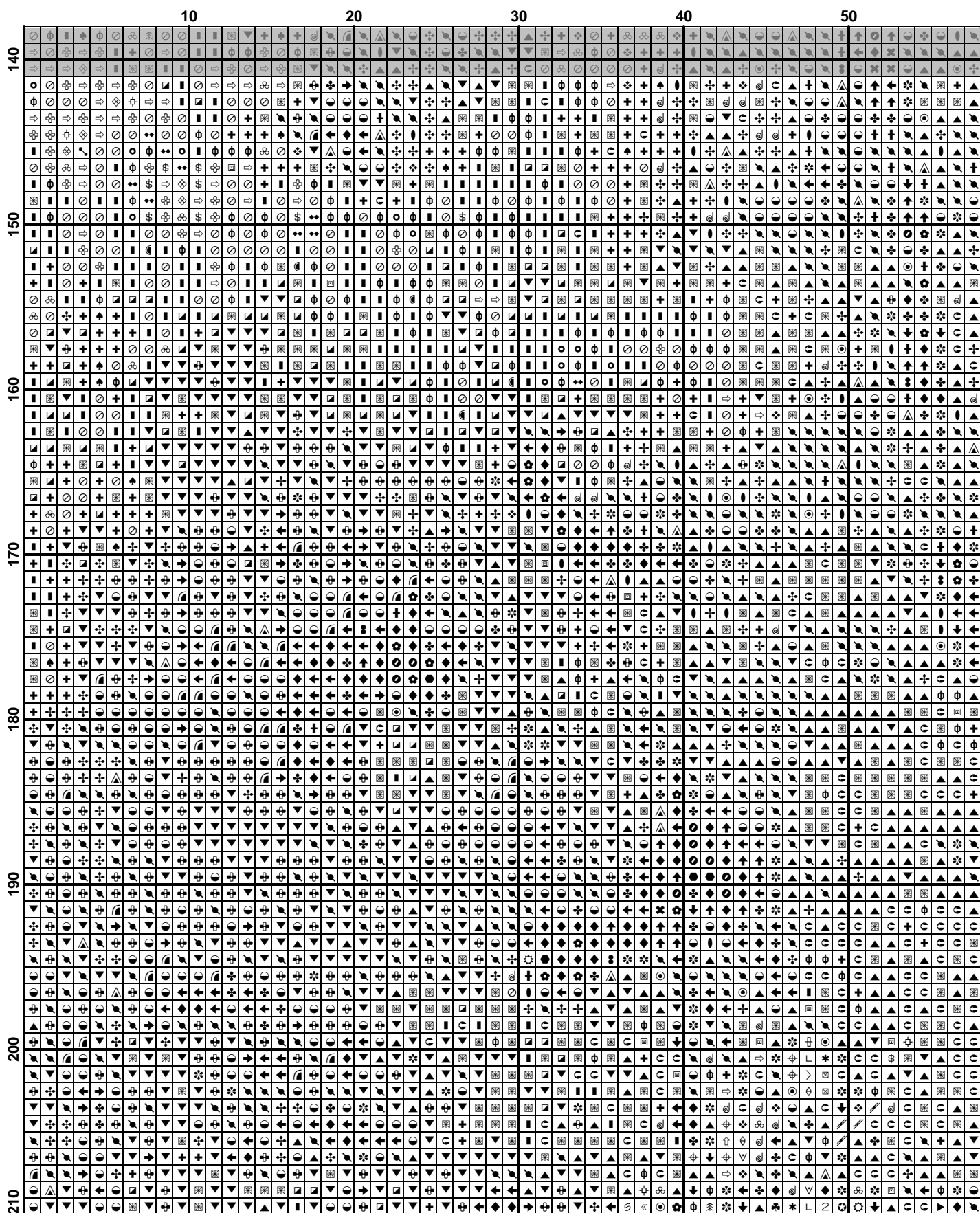


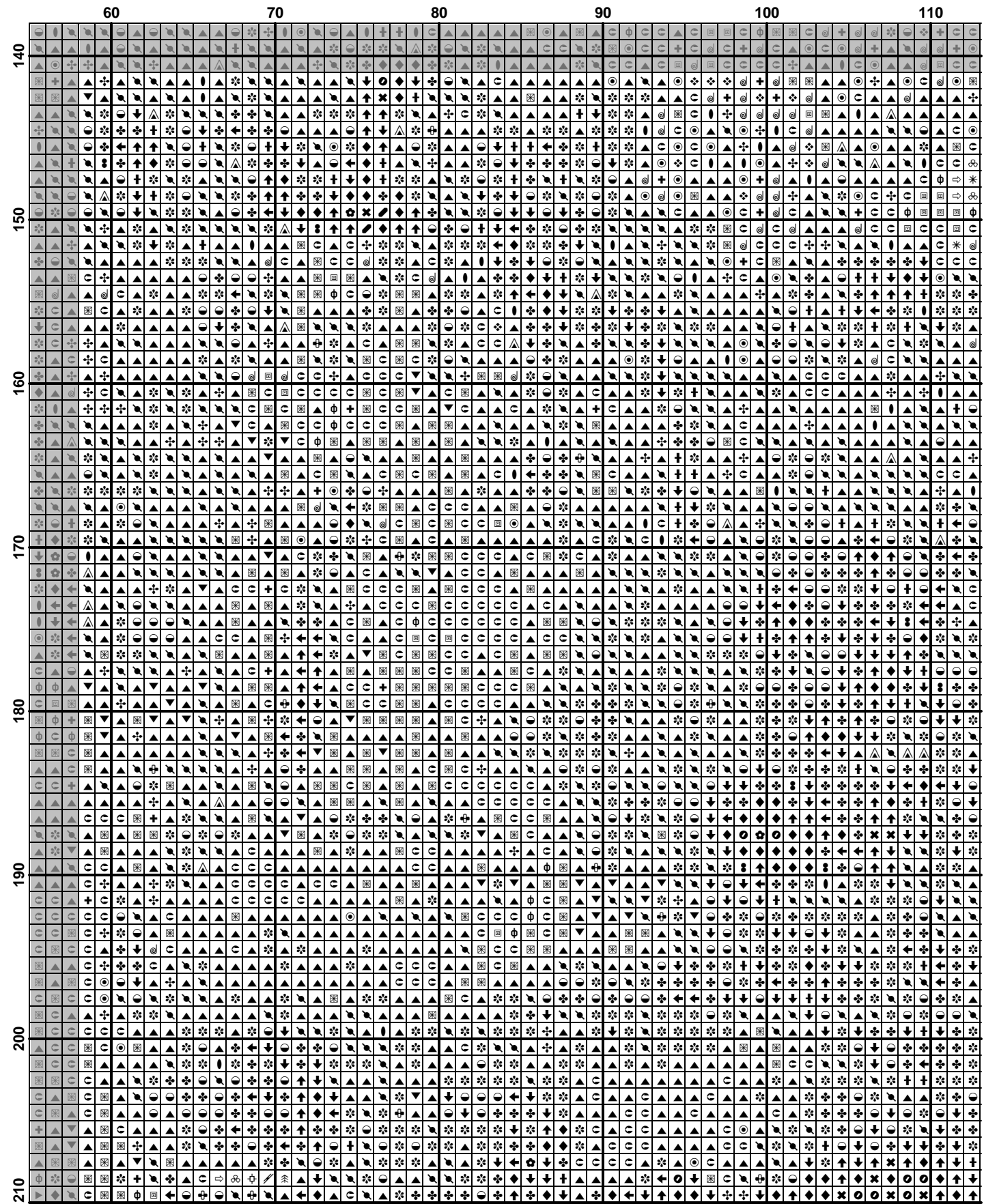


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140	+	+	+	+	+	+
150	+	+	+	+	+	+
160	+	+	+	+	+	+
170	+	+	+	+	+	+
180	+	+	+	+	+	+
190	+	+	+	+	+	+
200	+	+	+	+	+	+
210	+	+	+	+	+	+





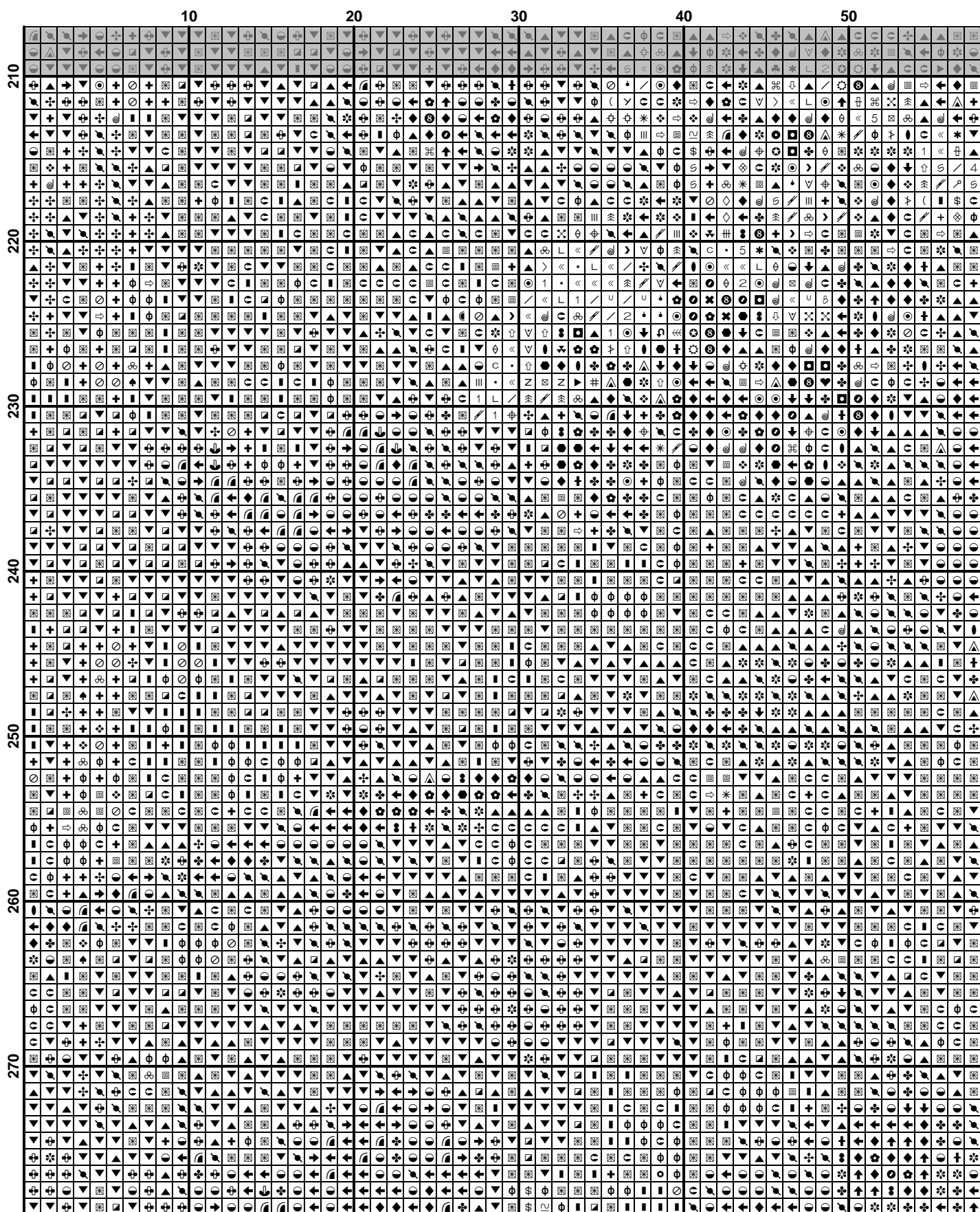
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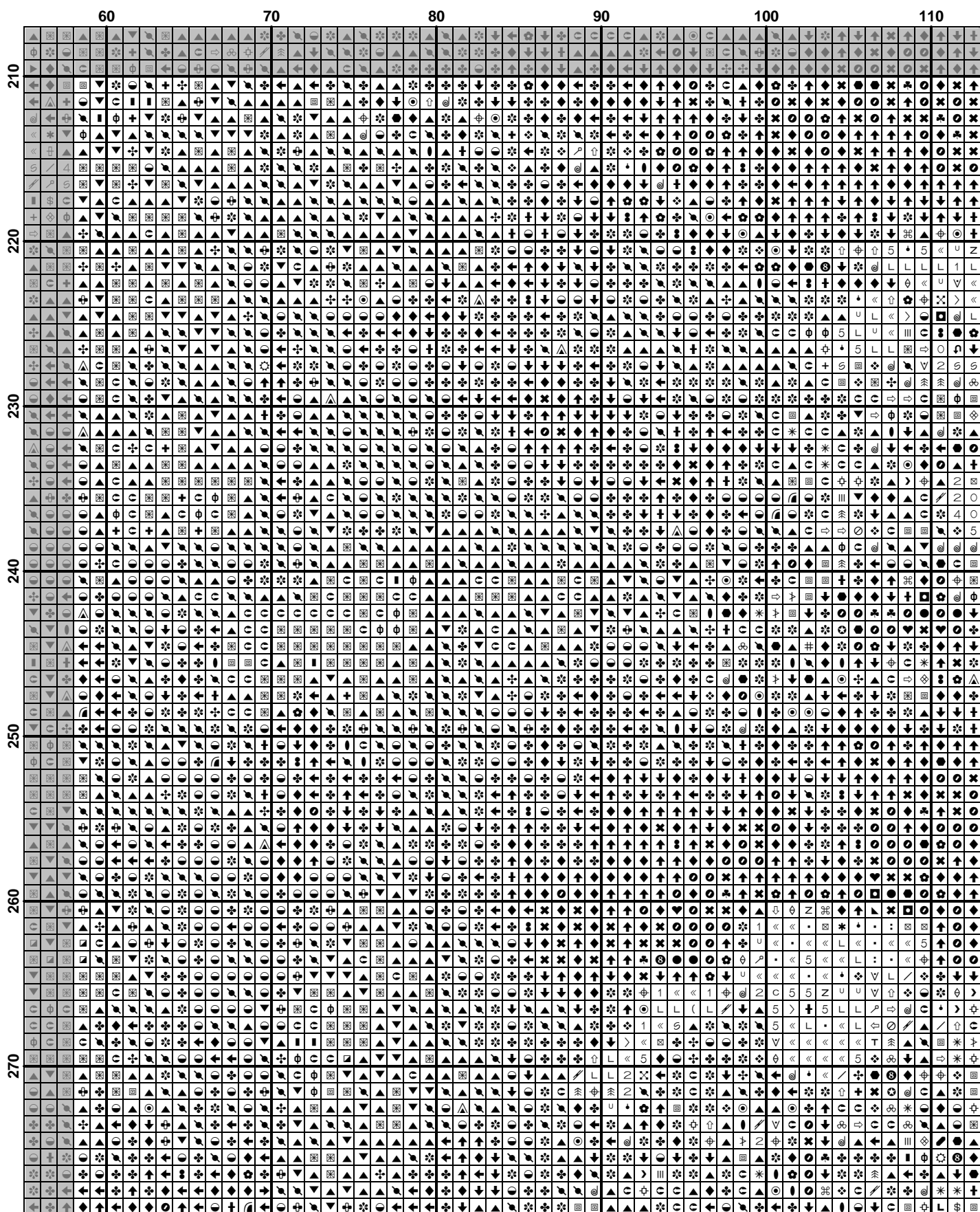


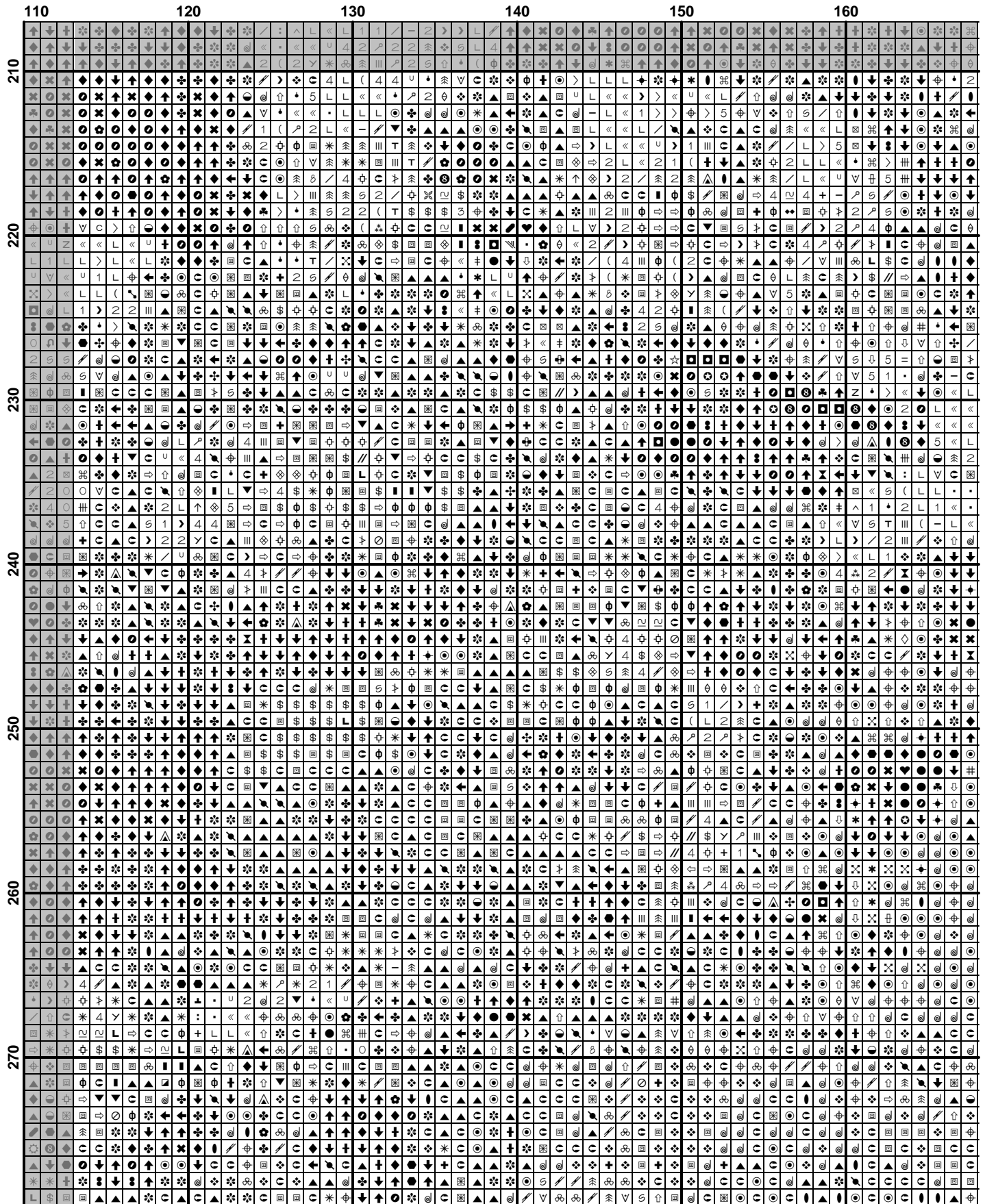
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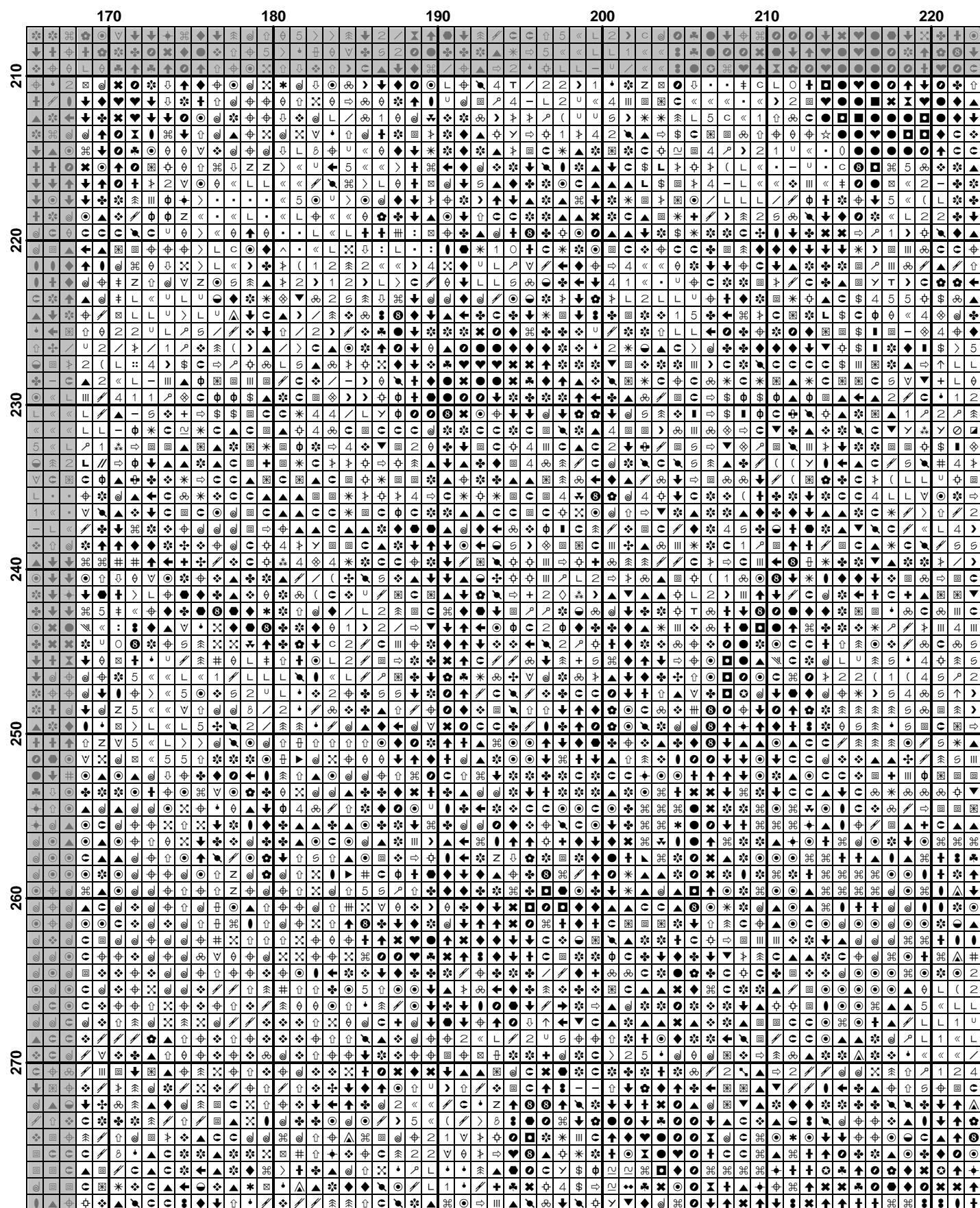
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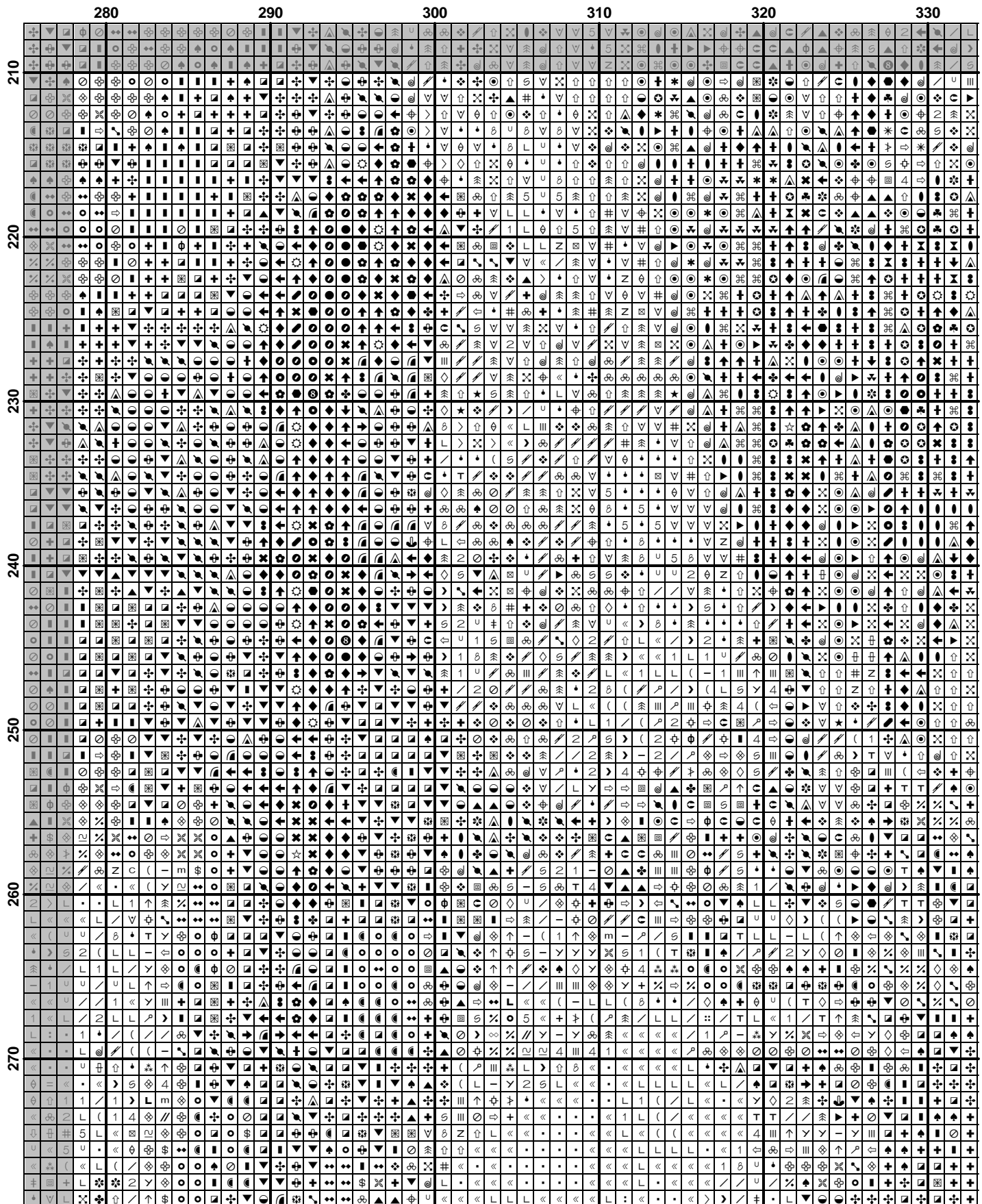


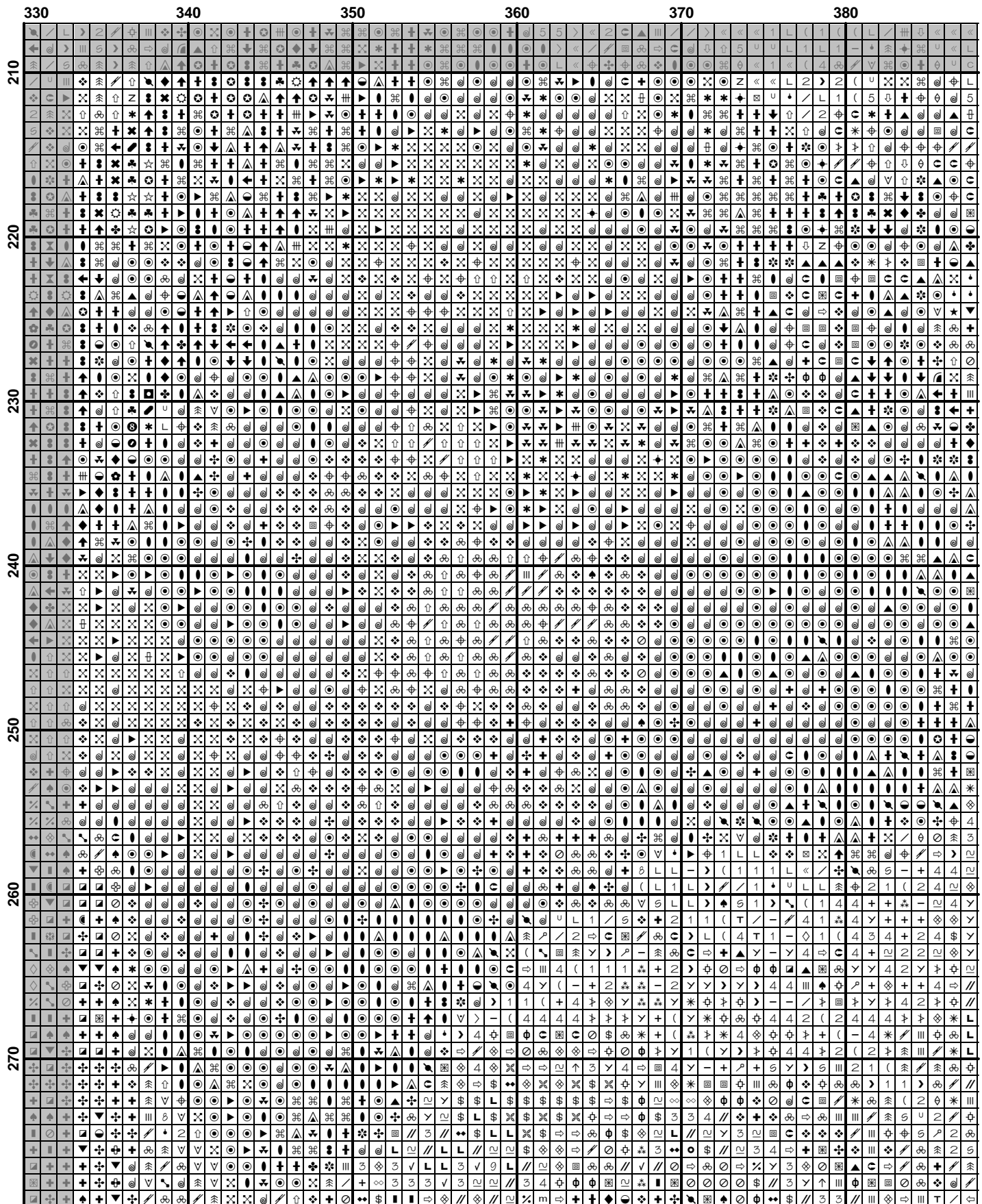






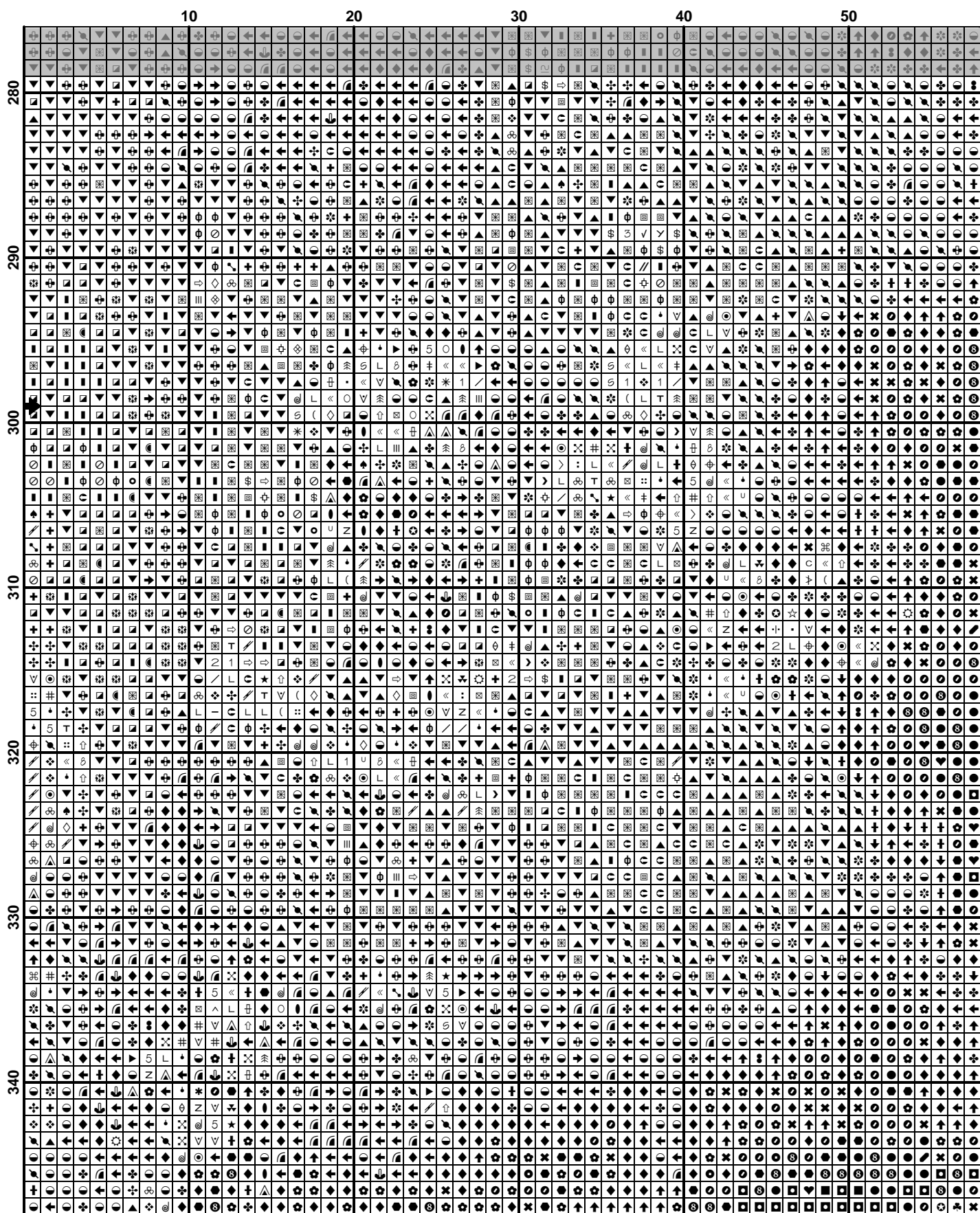


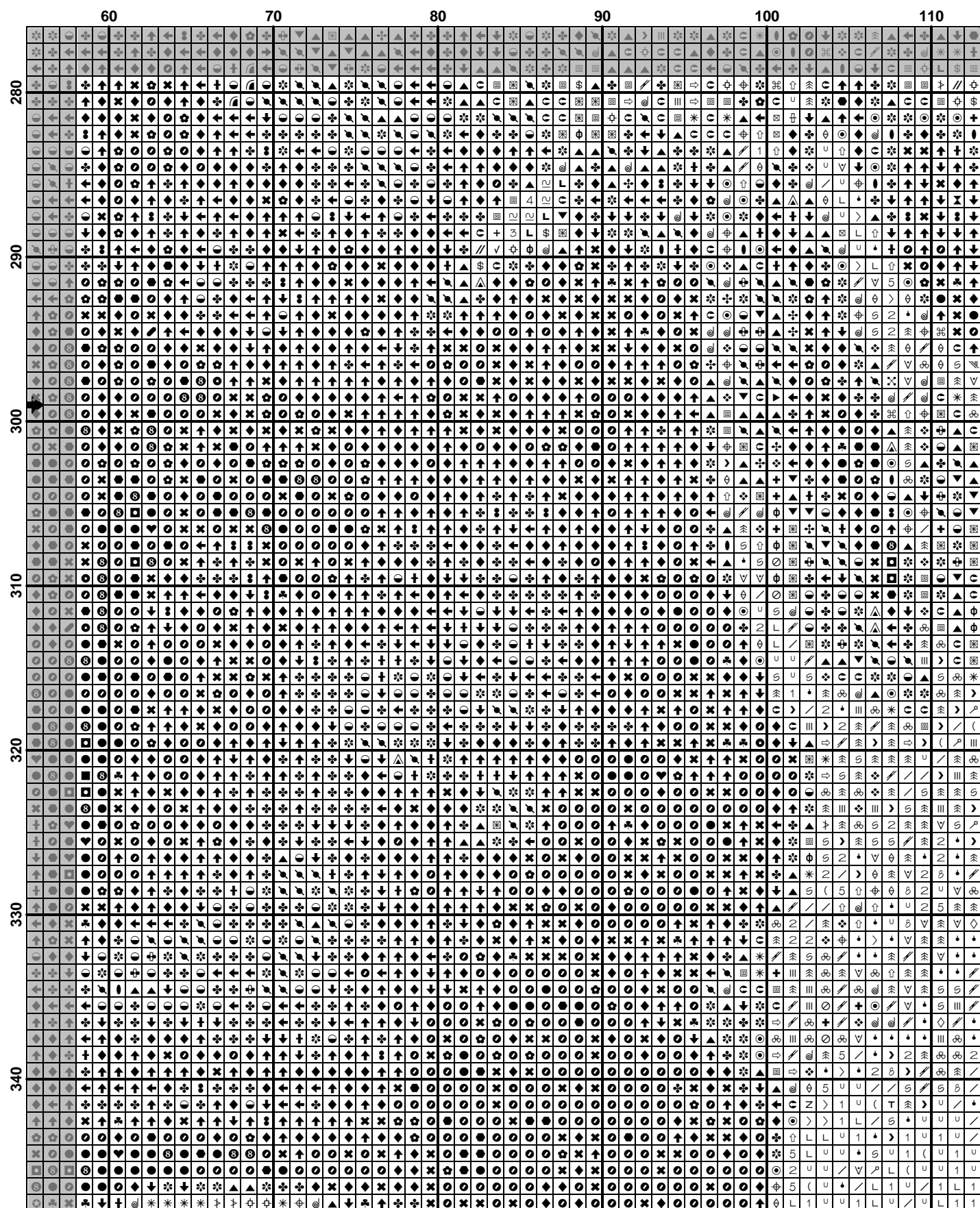




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	+	+	+	+	+	+	+	+	+
	+	+	+	+	+	+	+	+	+
	+	+	+	+	+	+	+	+	+
	+	+	+	+	+	+	+	+	+
	+	+	+	+	+	+	+	+	+



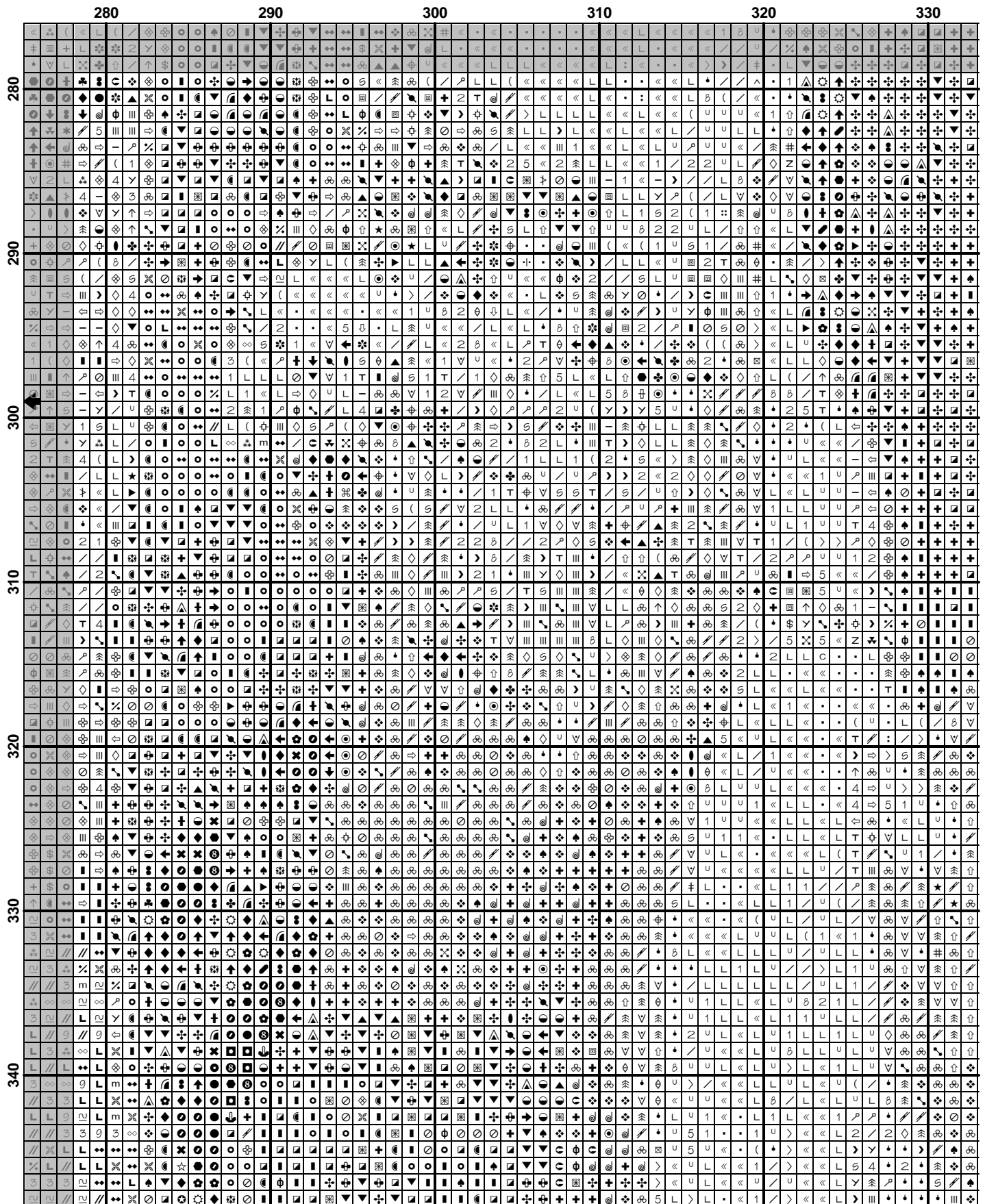


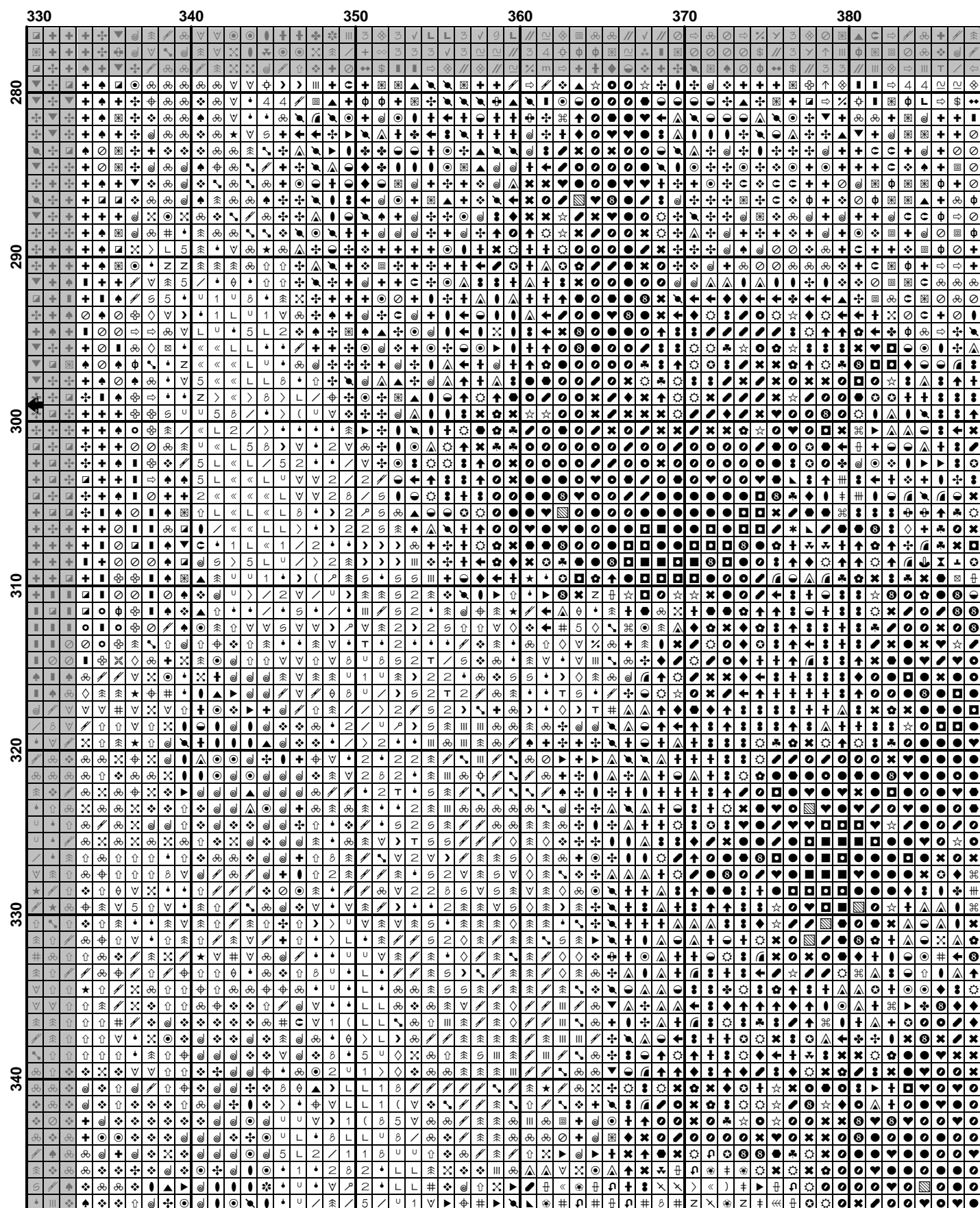


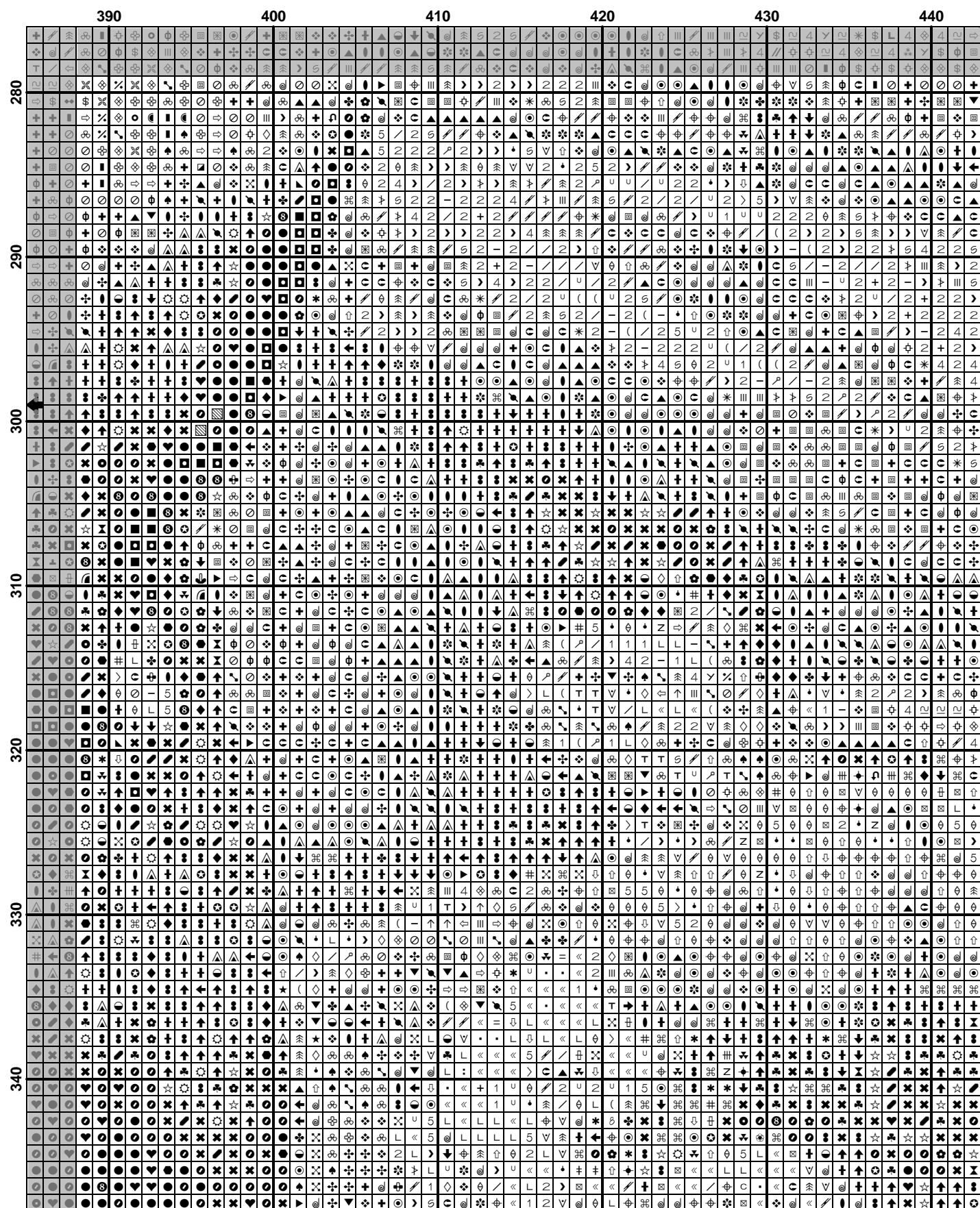
(49)

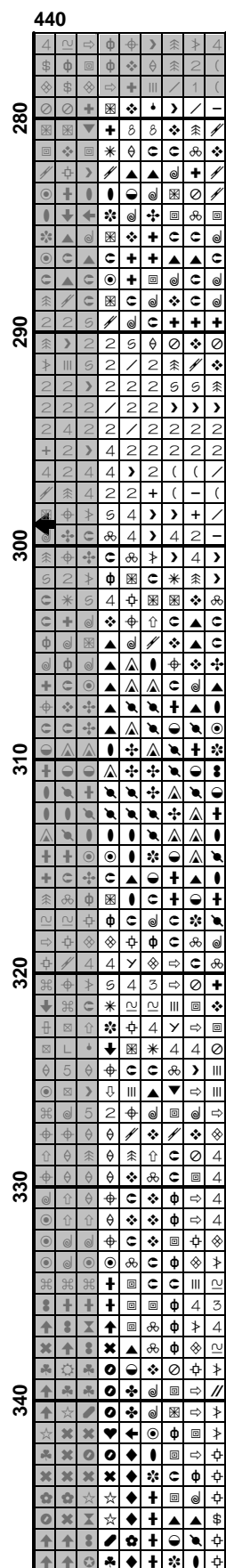
	170	180	190	200	210	220
280	...	...	...	...	...	...
290	...	...	...	...	...	...
300	...	...	...	...	...	...
310	...	...	...	...	...	...
320	...	...	...	...	...	...
330	...	...	...	...	...	...
340	...	...	...	...	...	...

(51)



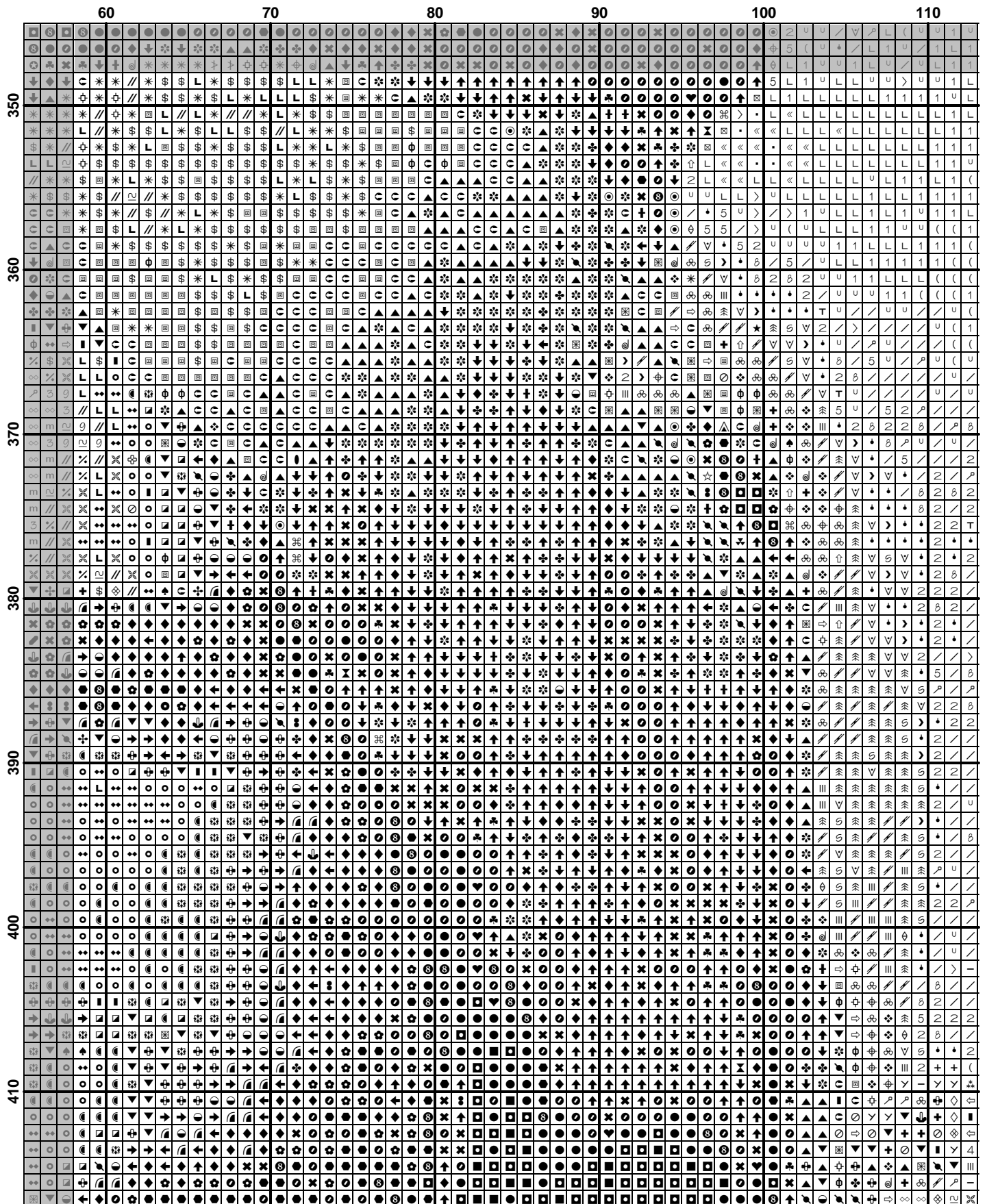






(56)



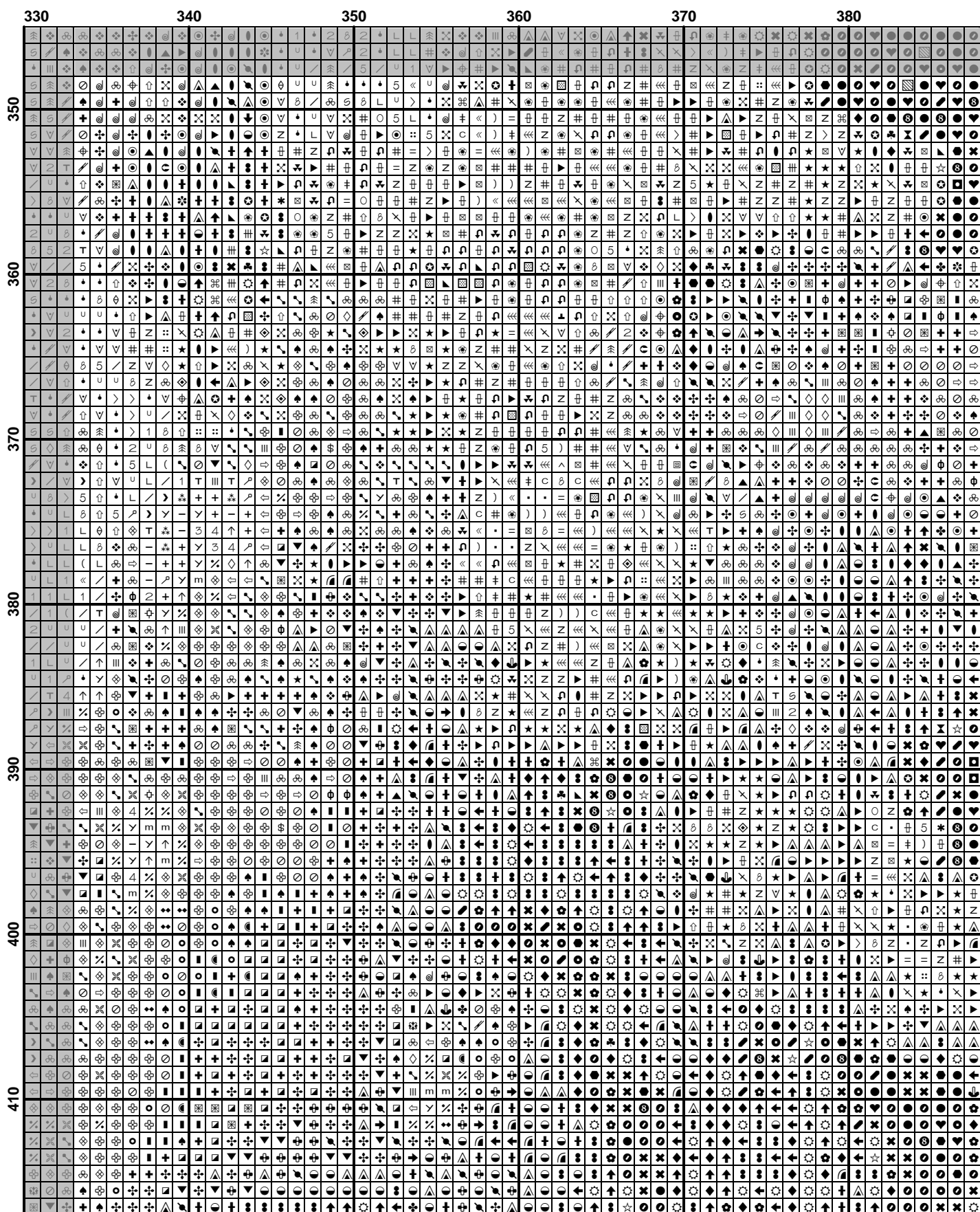


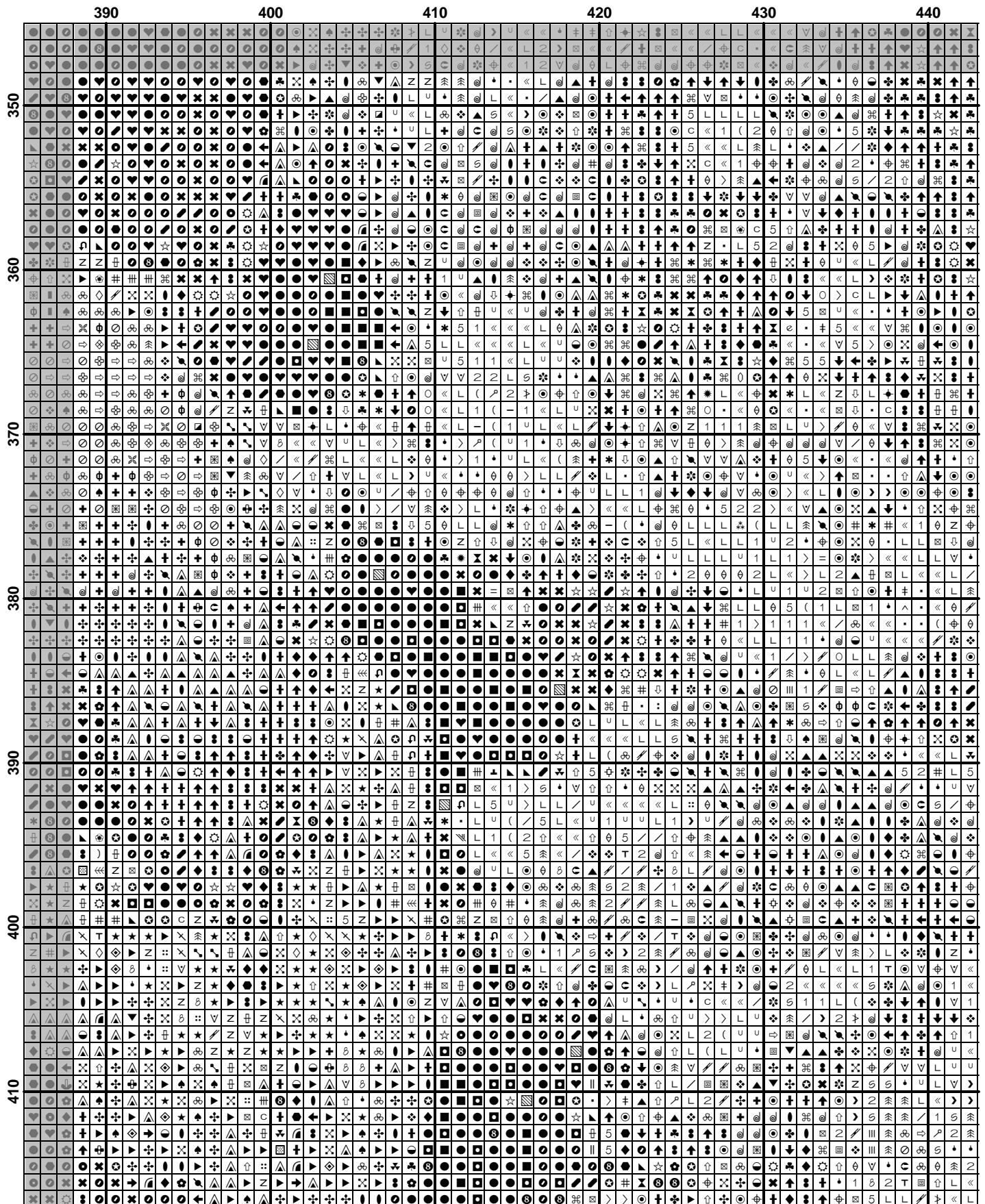
$$(57) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \mathcal{I}_\alpha f(t), \quad t \in [0, T],$$

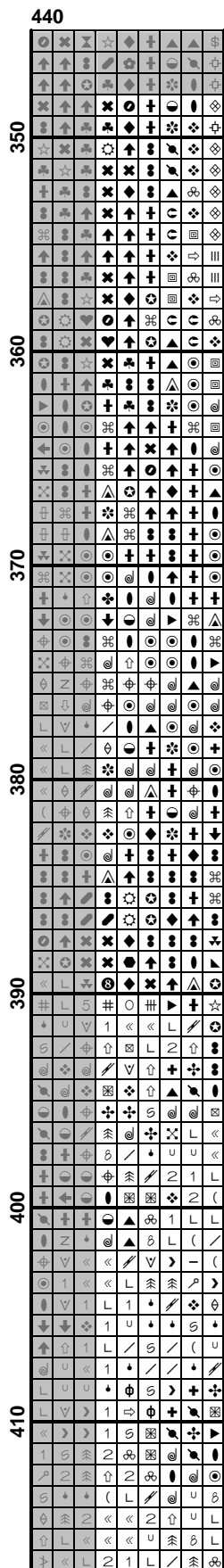
	170	180	190	200	210	220
350	...	...	...	...	...	...
360	...	...	...	...	...	...
370	...	...	...	...	...	...
380	...	...	...	...	...	...
390	...	...	...	...	...	...
400	...	...	...	...	...	...
410	...	...	...	...	...	...



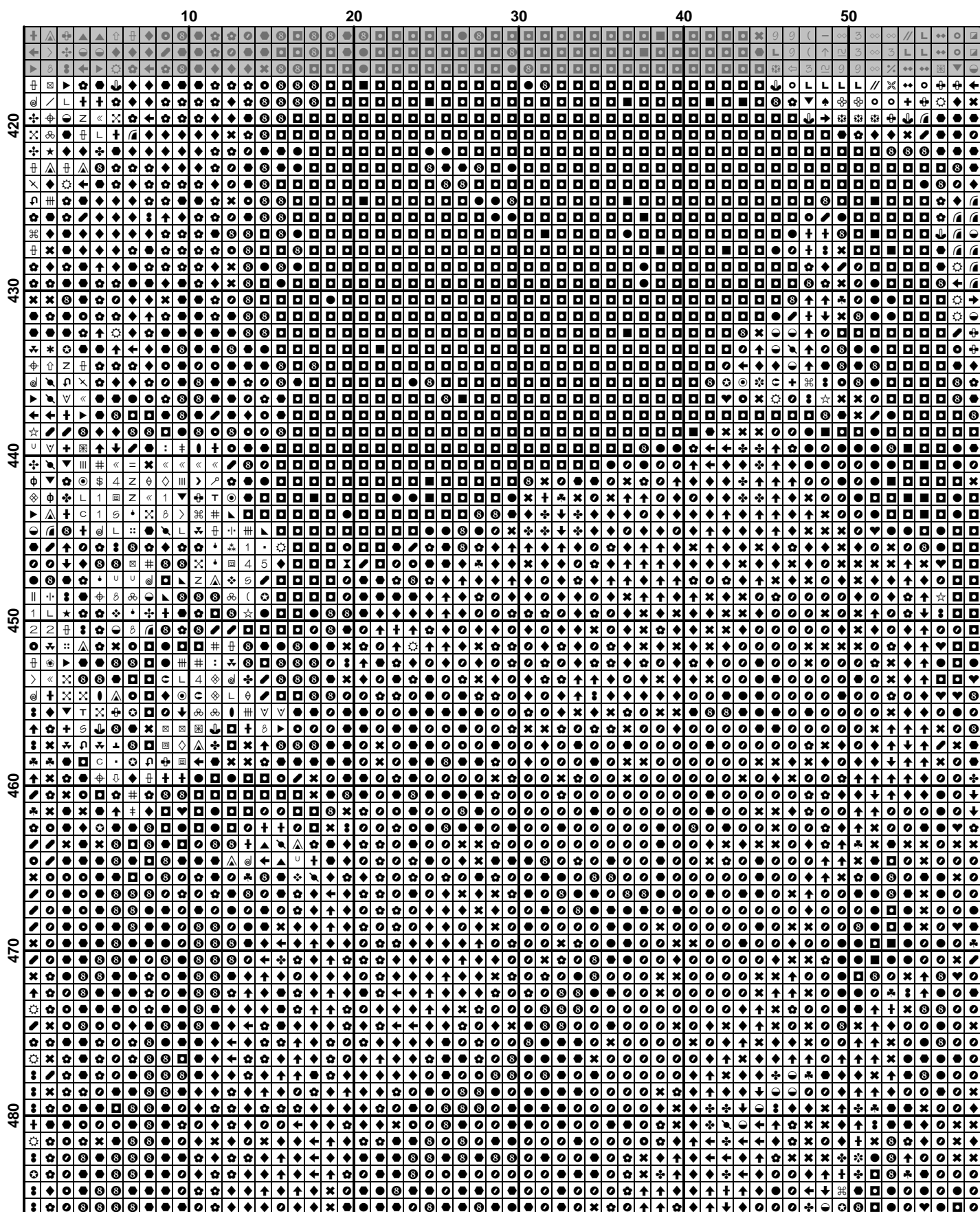
	280	290	300	310	320	330
350	...	...	...	...	...	...
360	...	...	...	...	...	...
370	...	...	...	...	...	...
380	...	...	...	...	...	...
390	...	...	...	...	...	...
400	...	...	...	...	...	...
410	...	...	...	...	...	...

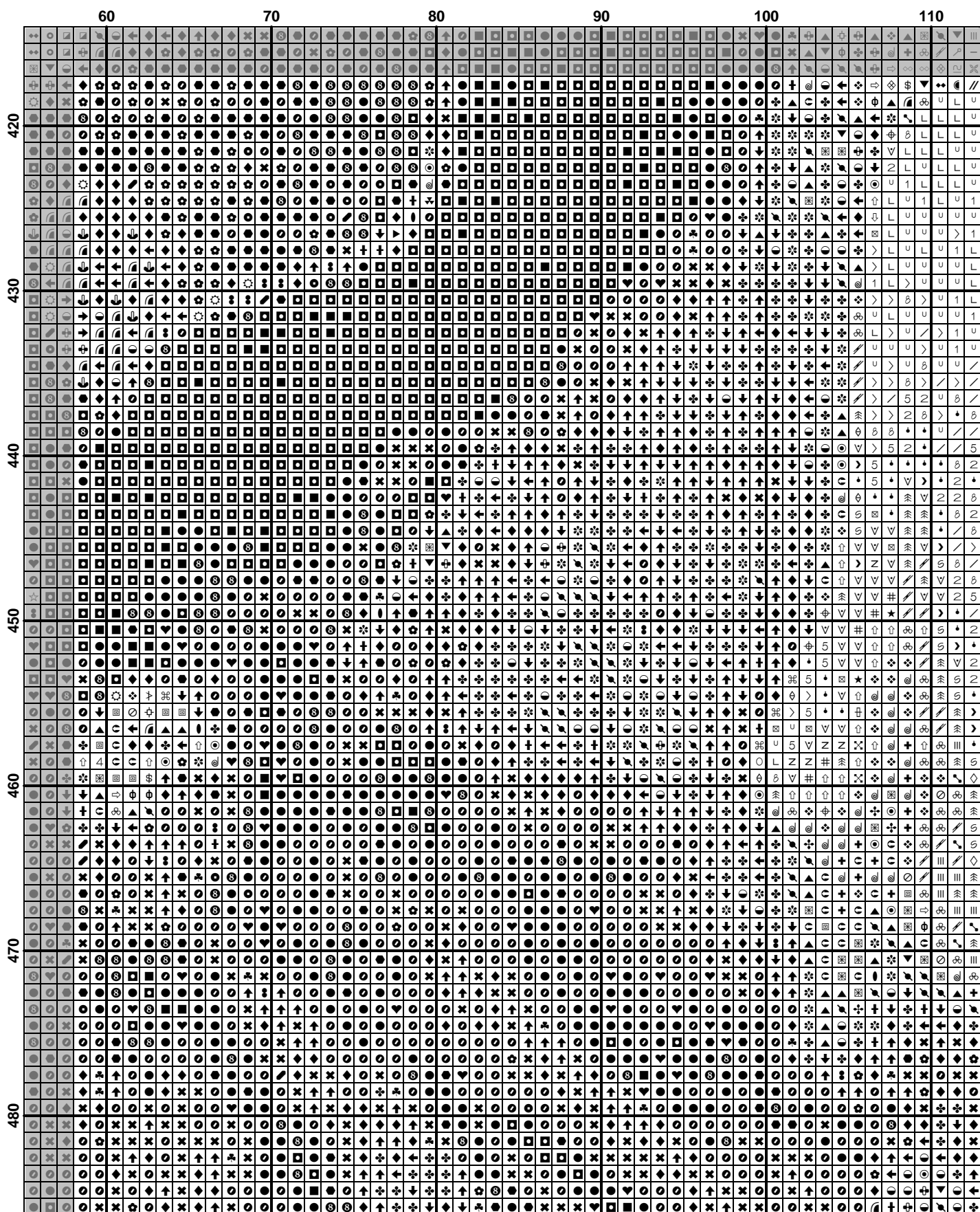


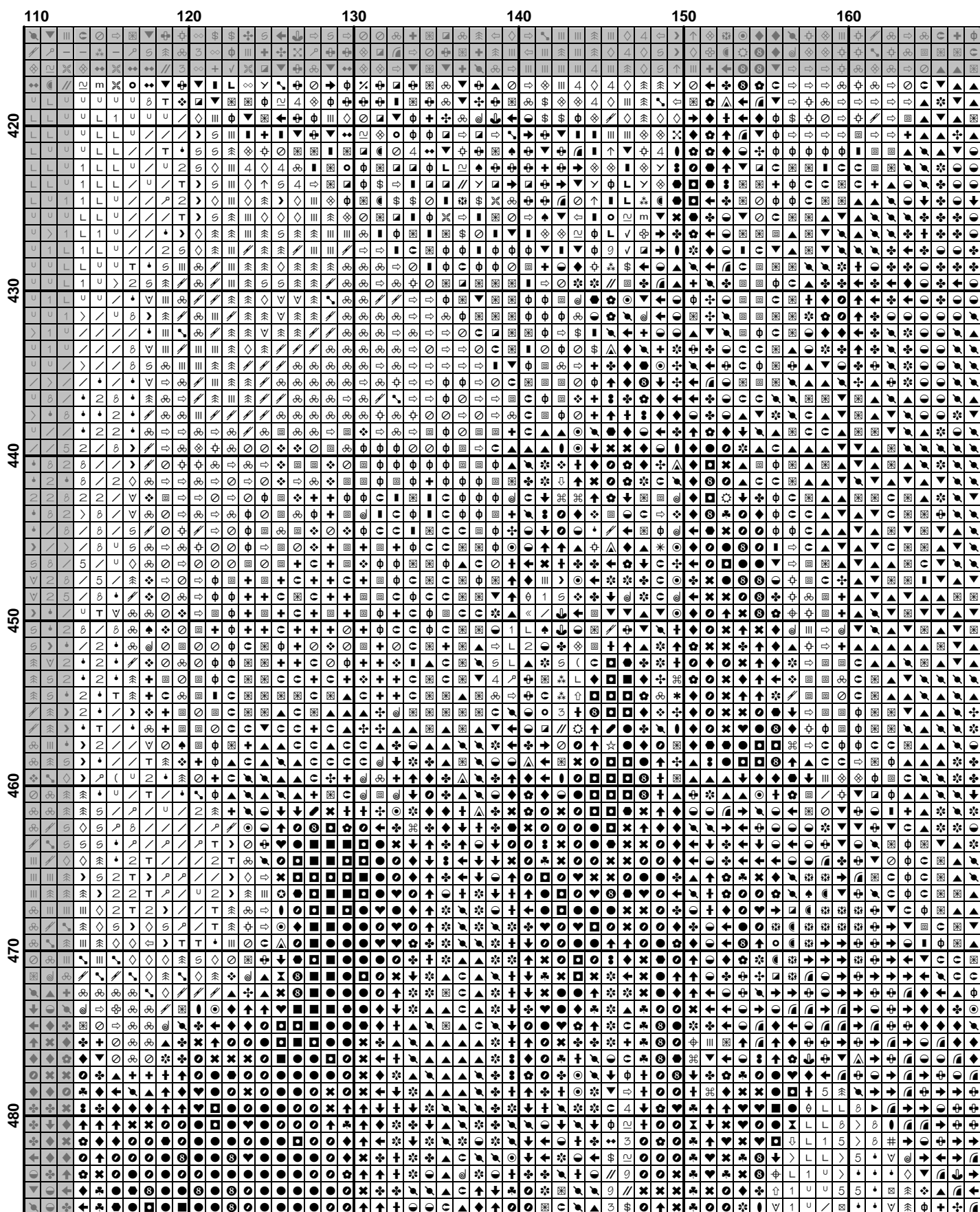


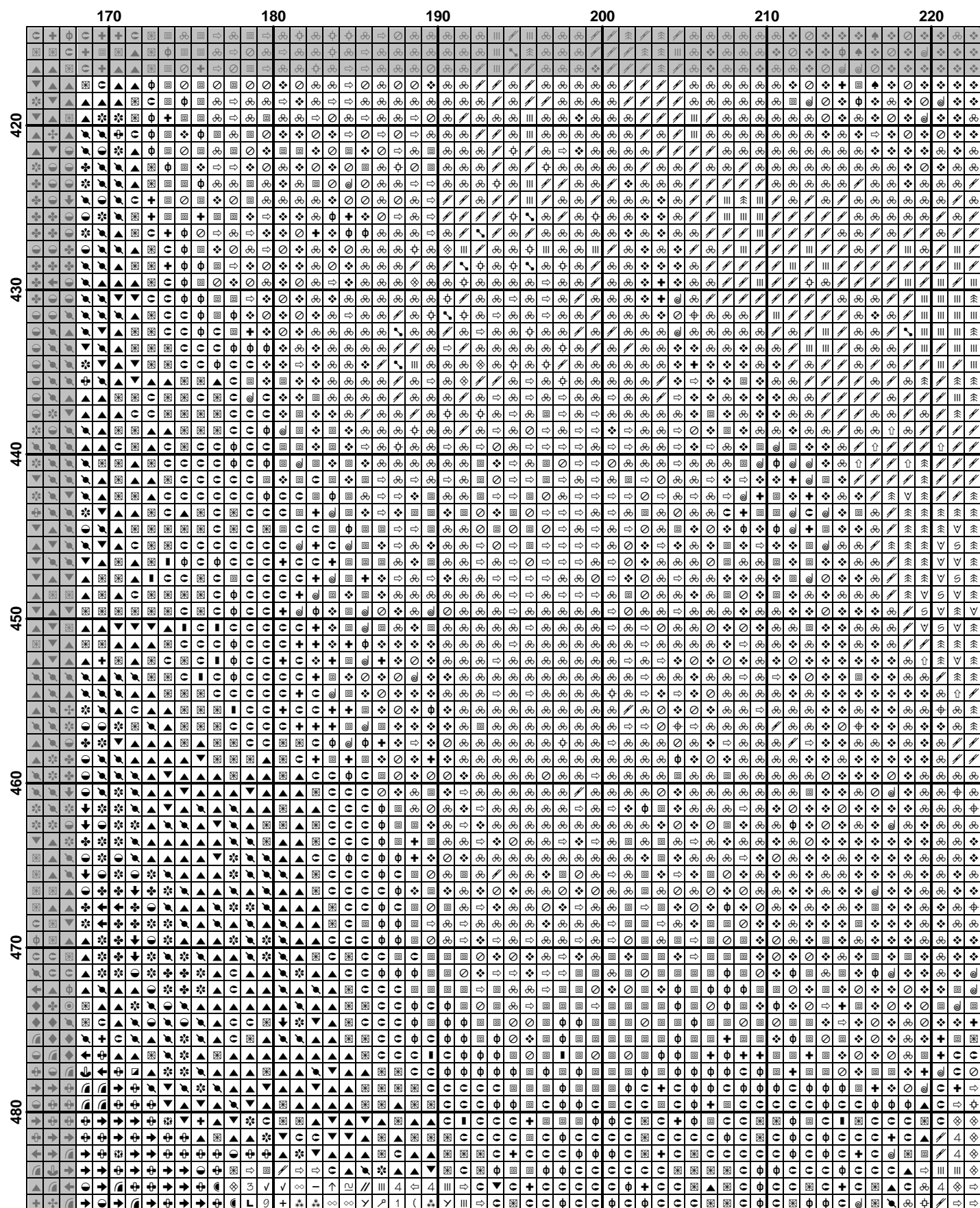


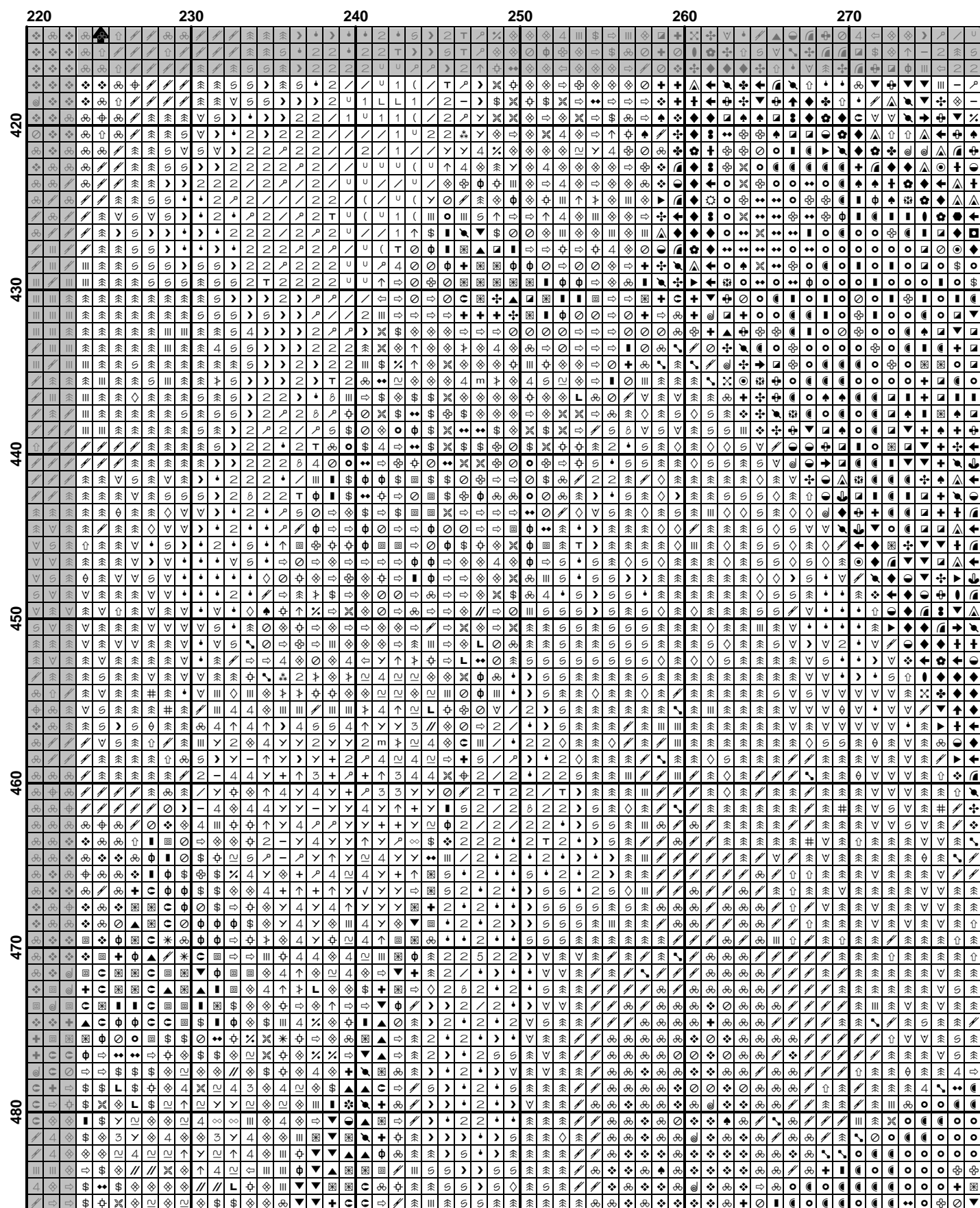










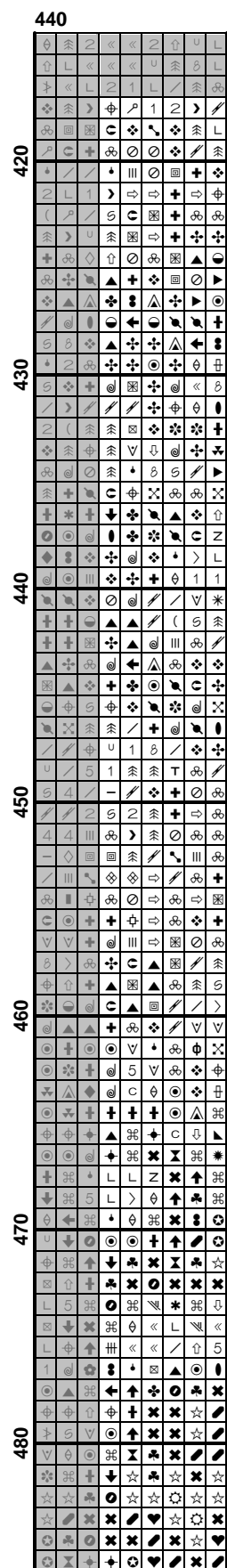


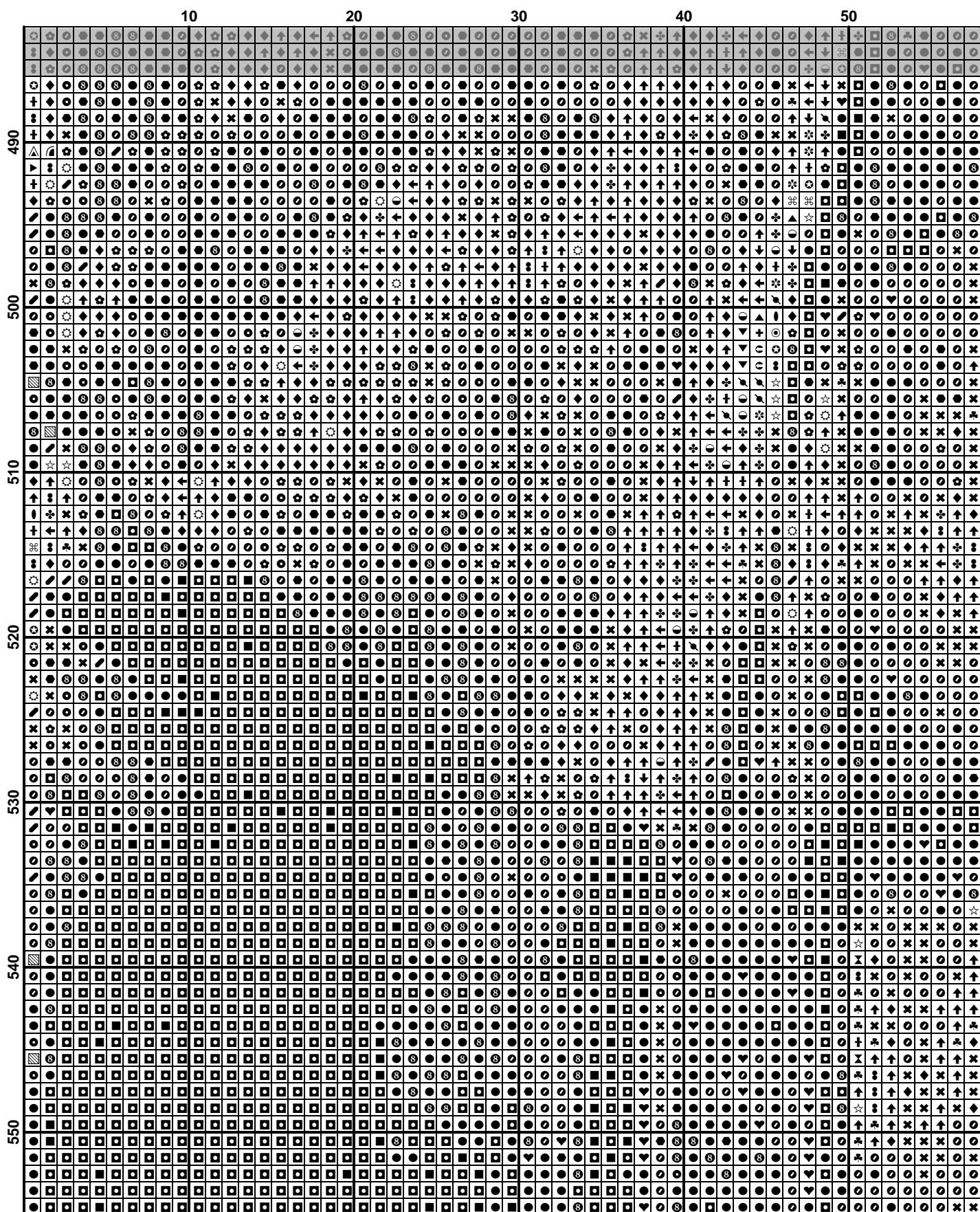
(70)

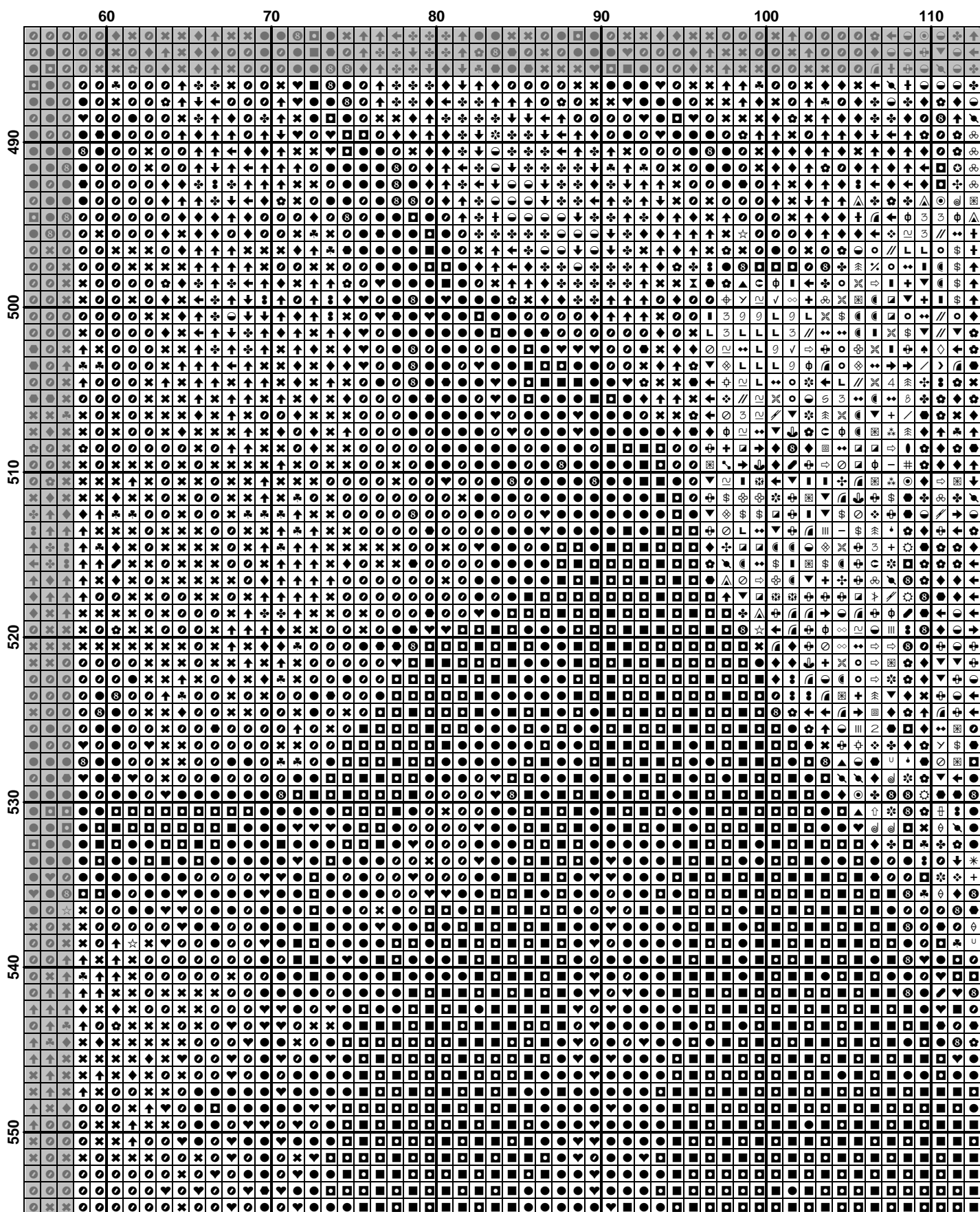
(71)

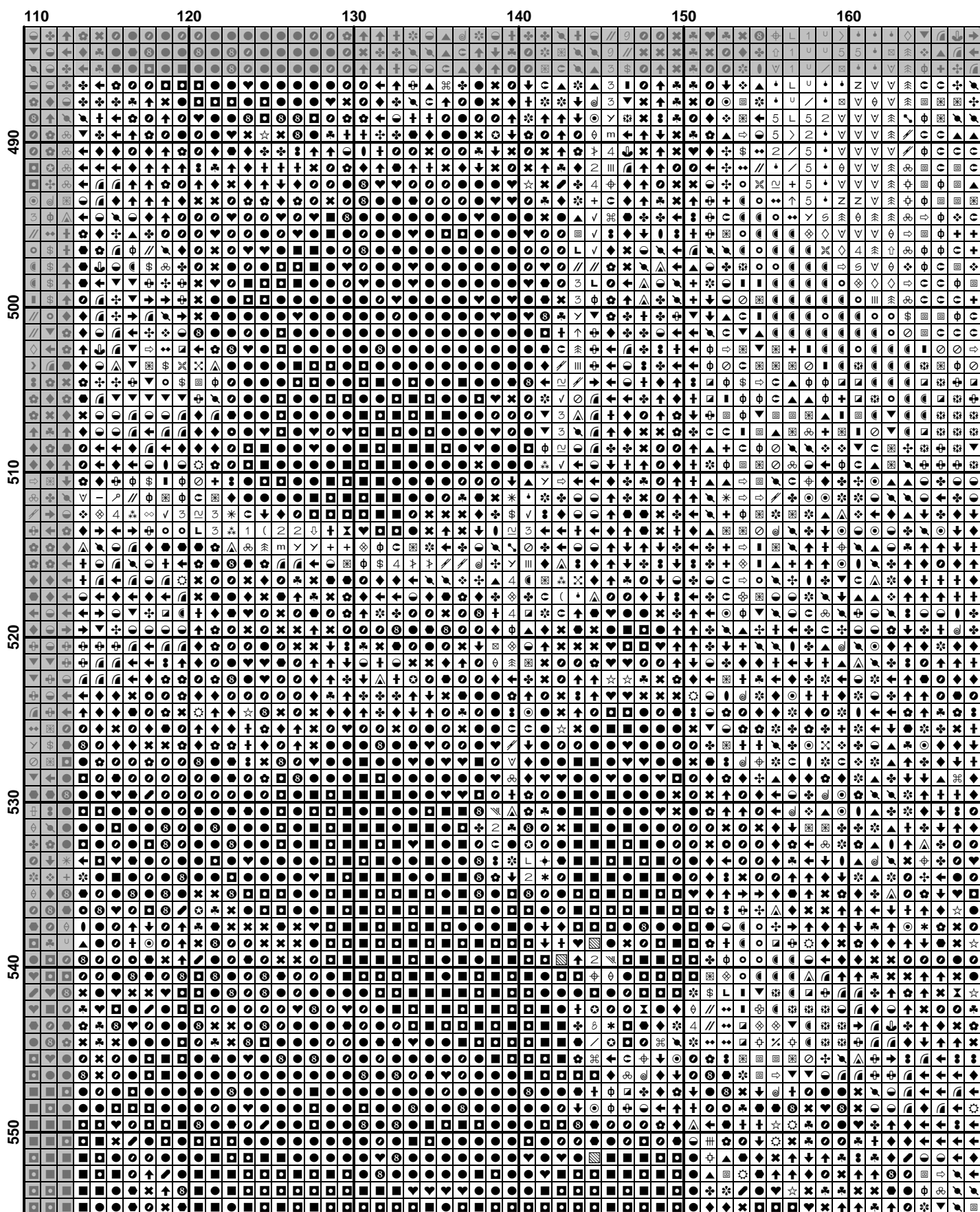
[illegible]

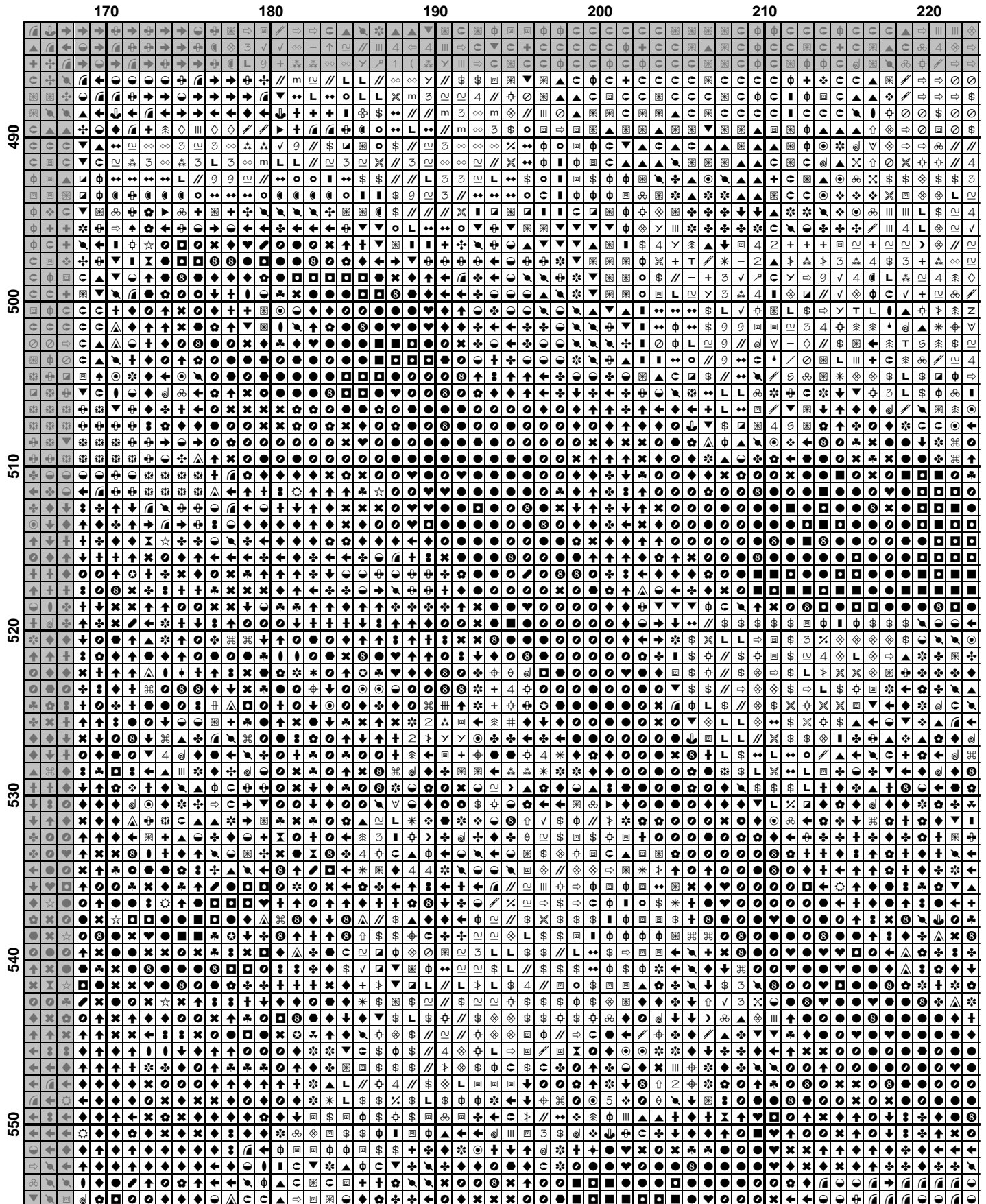




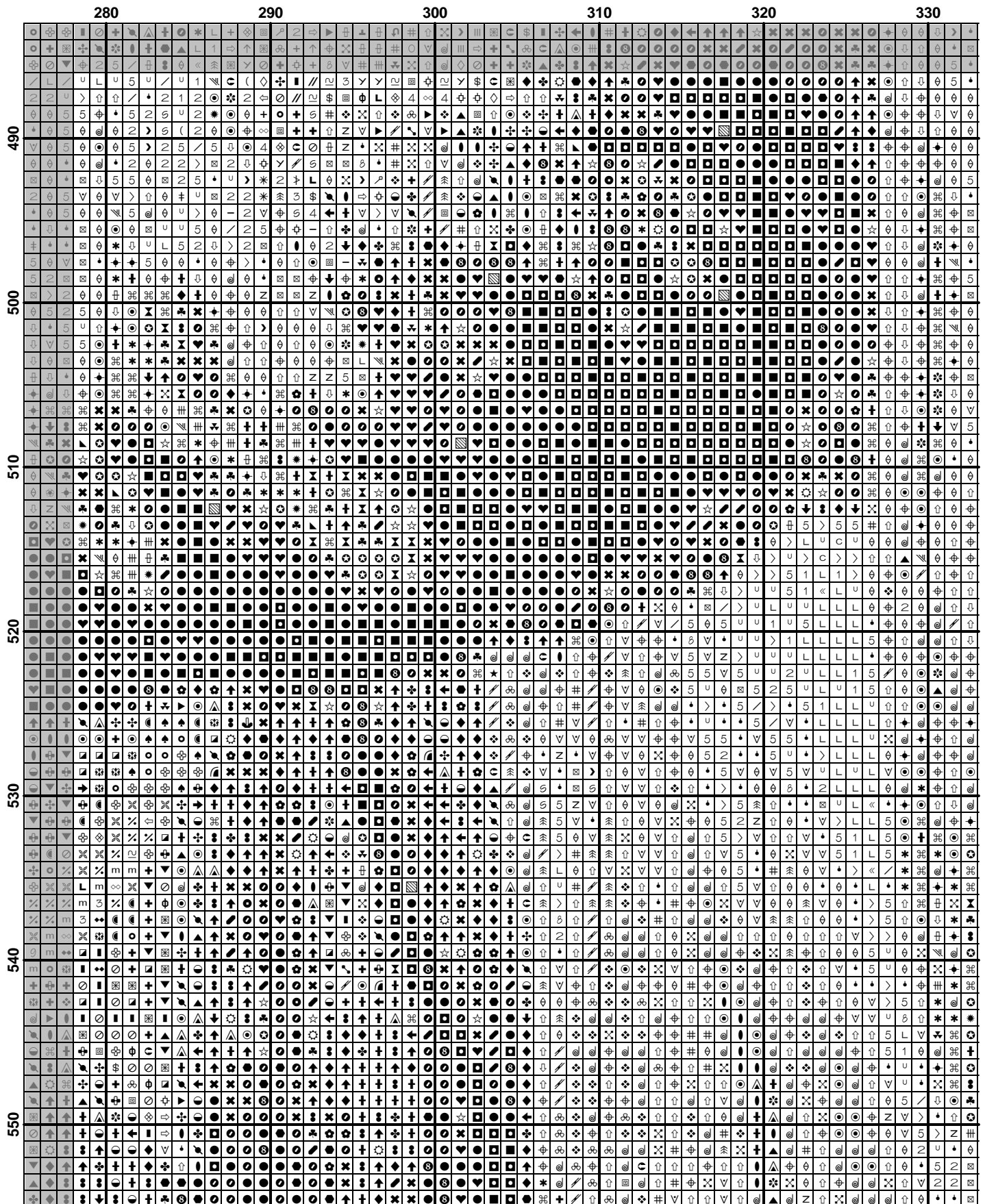


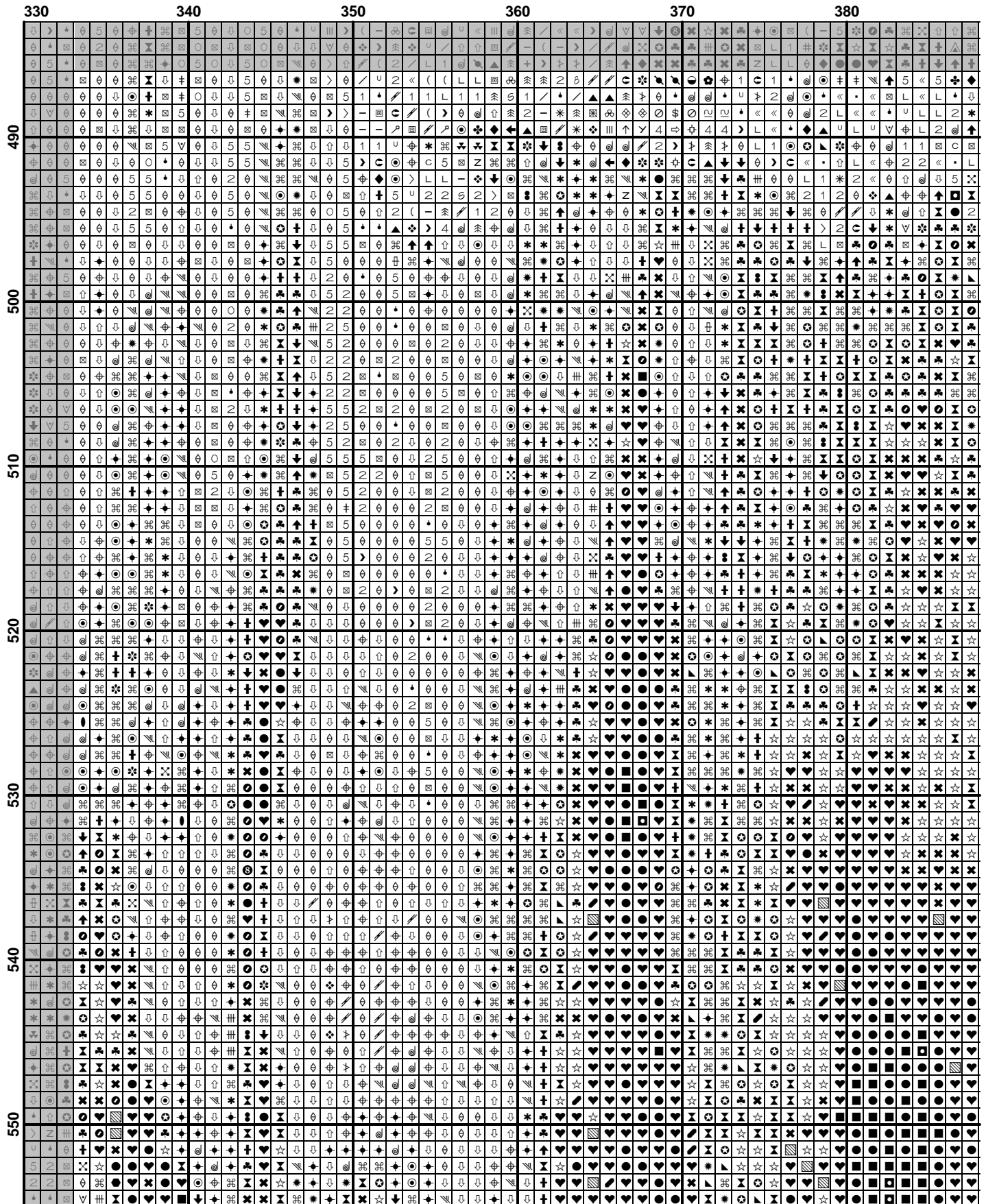




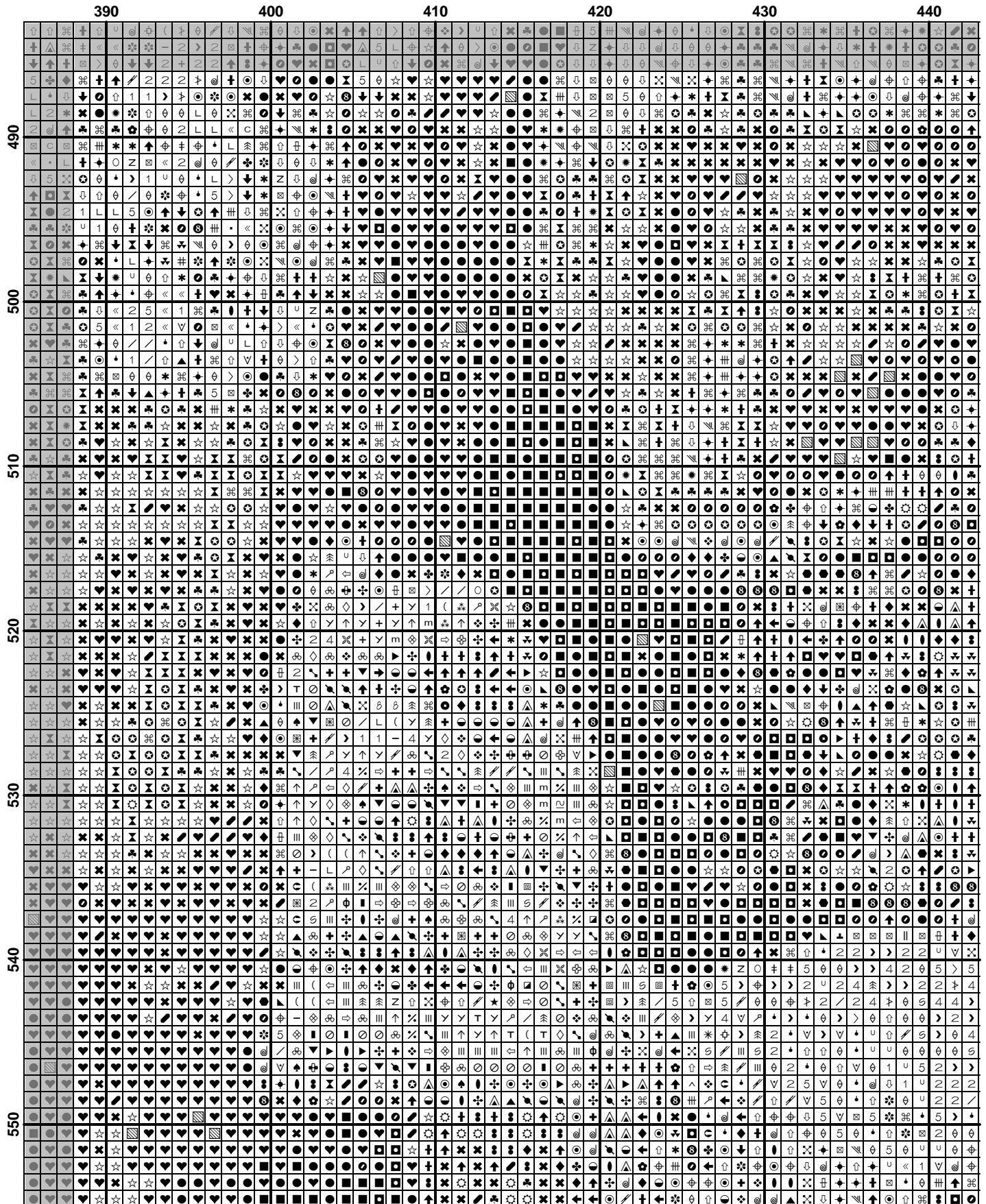


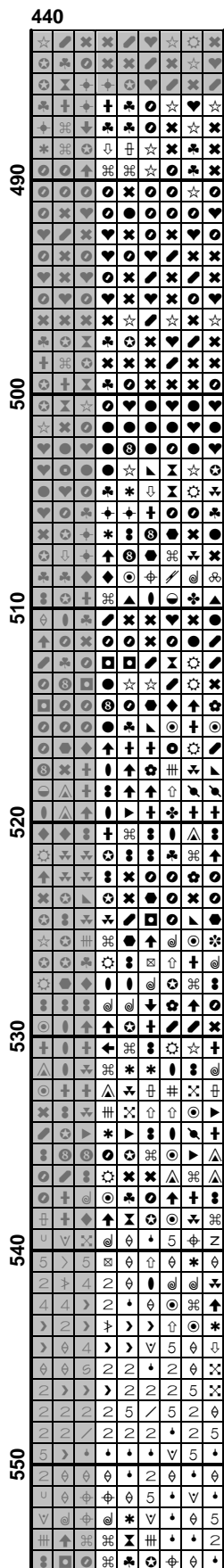
[illegible]

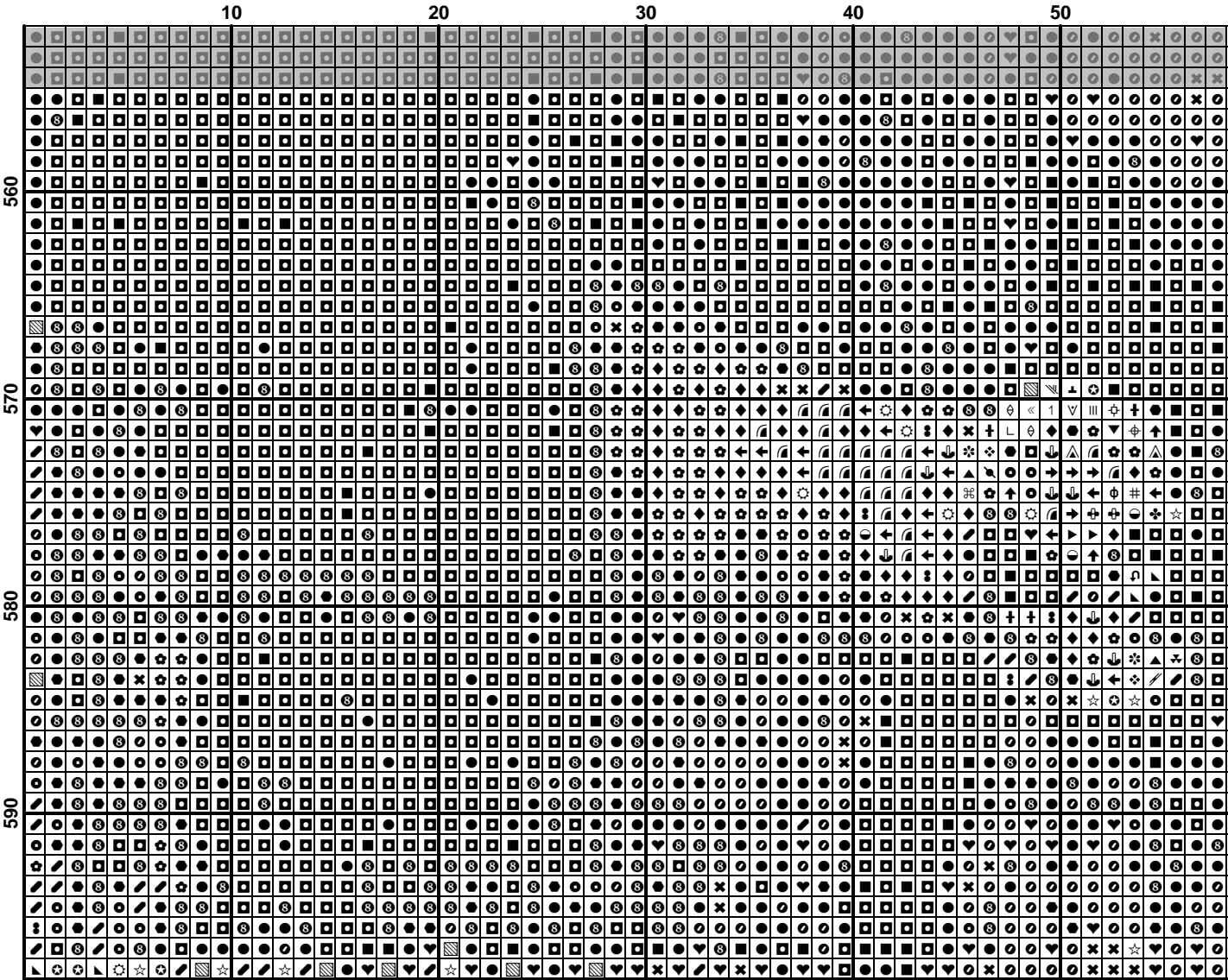


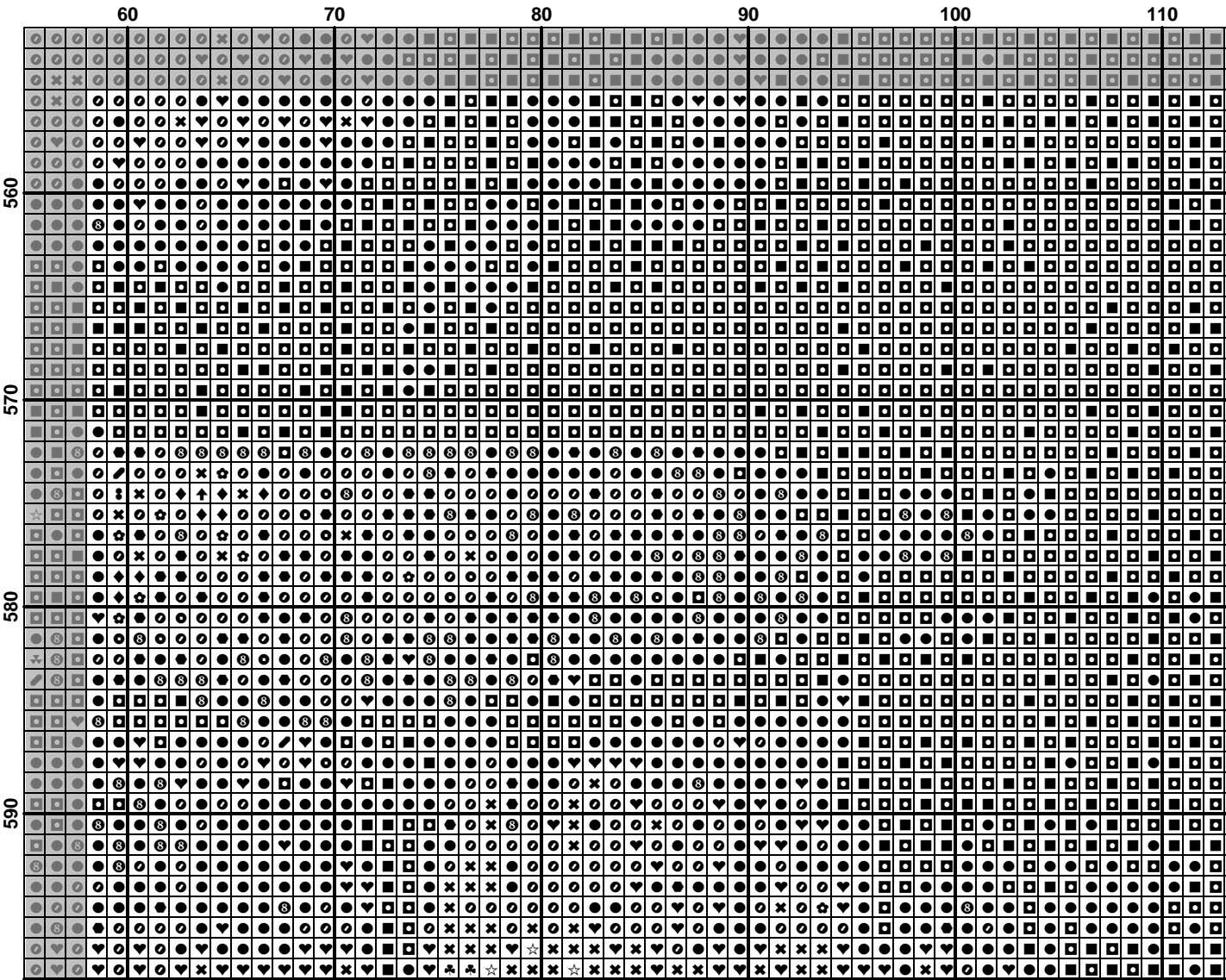


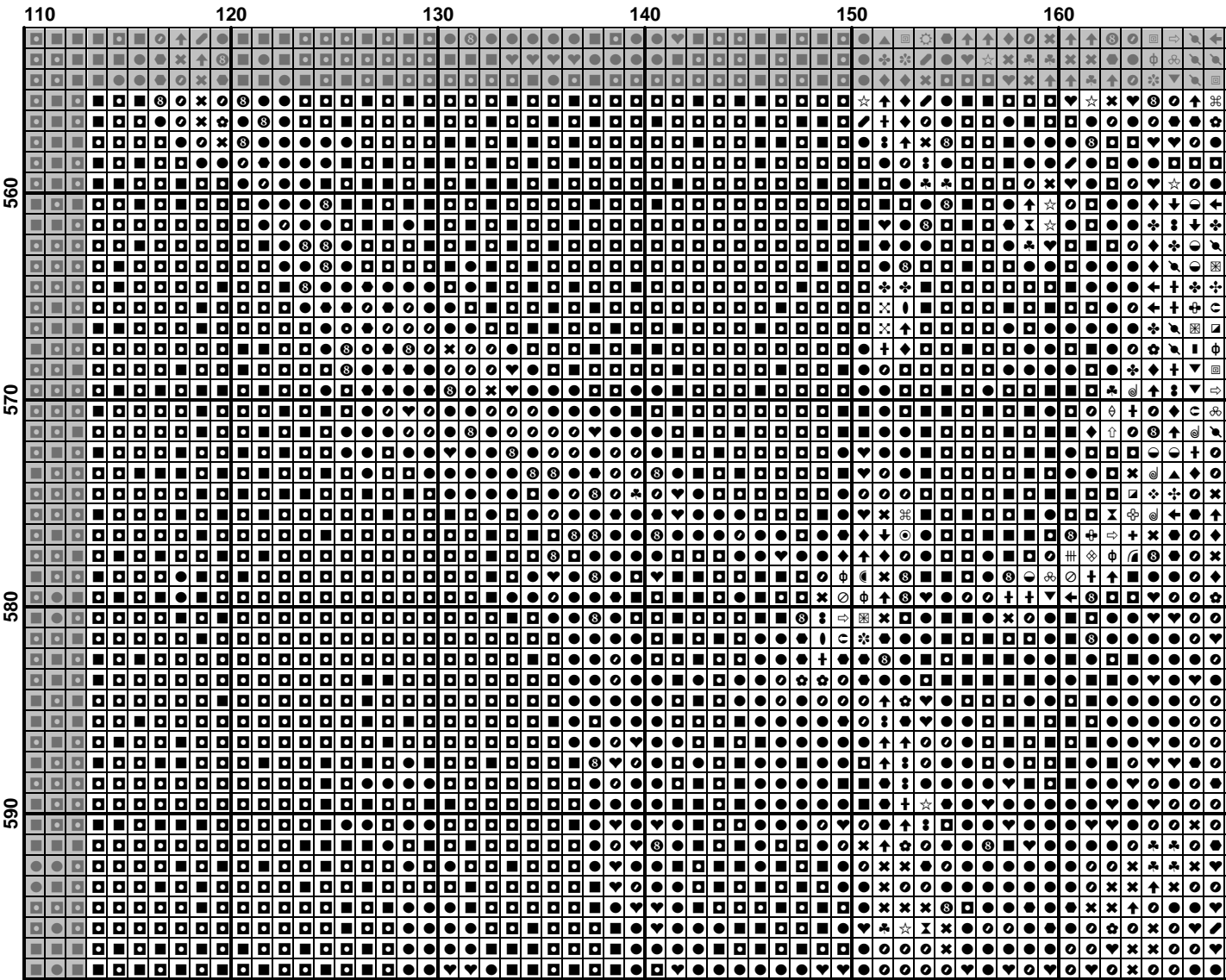


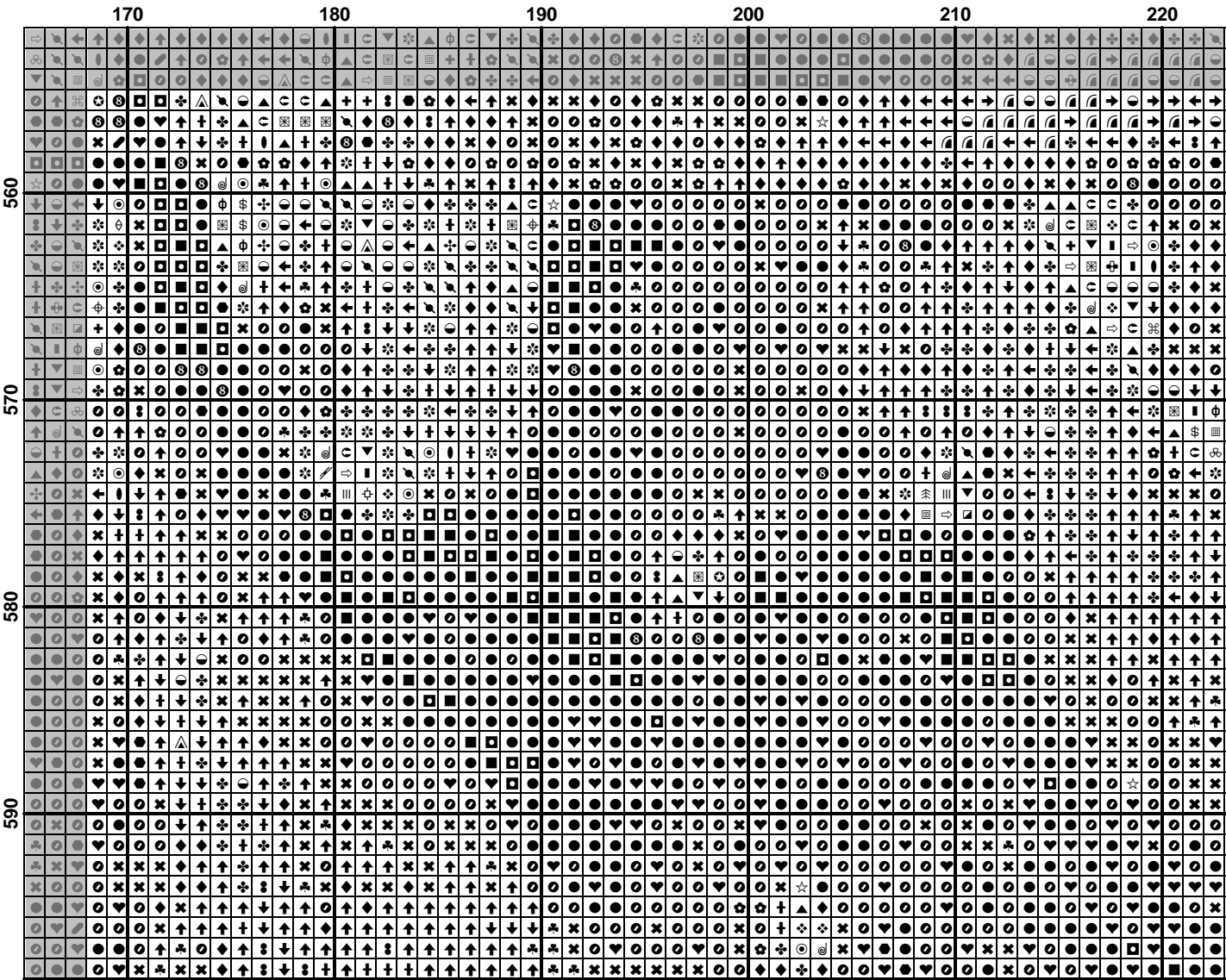


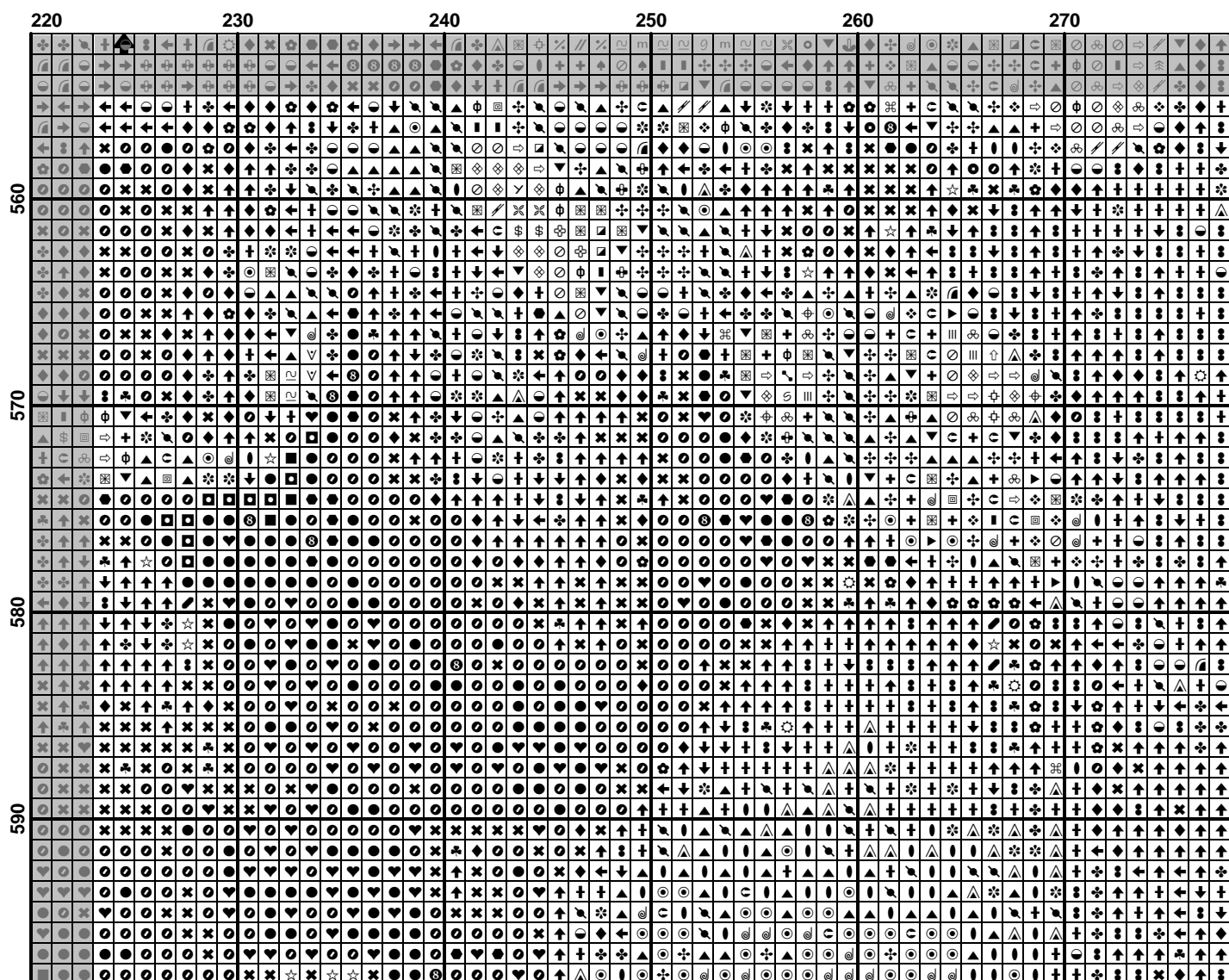


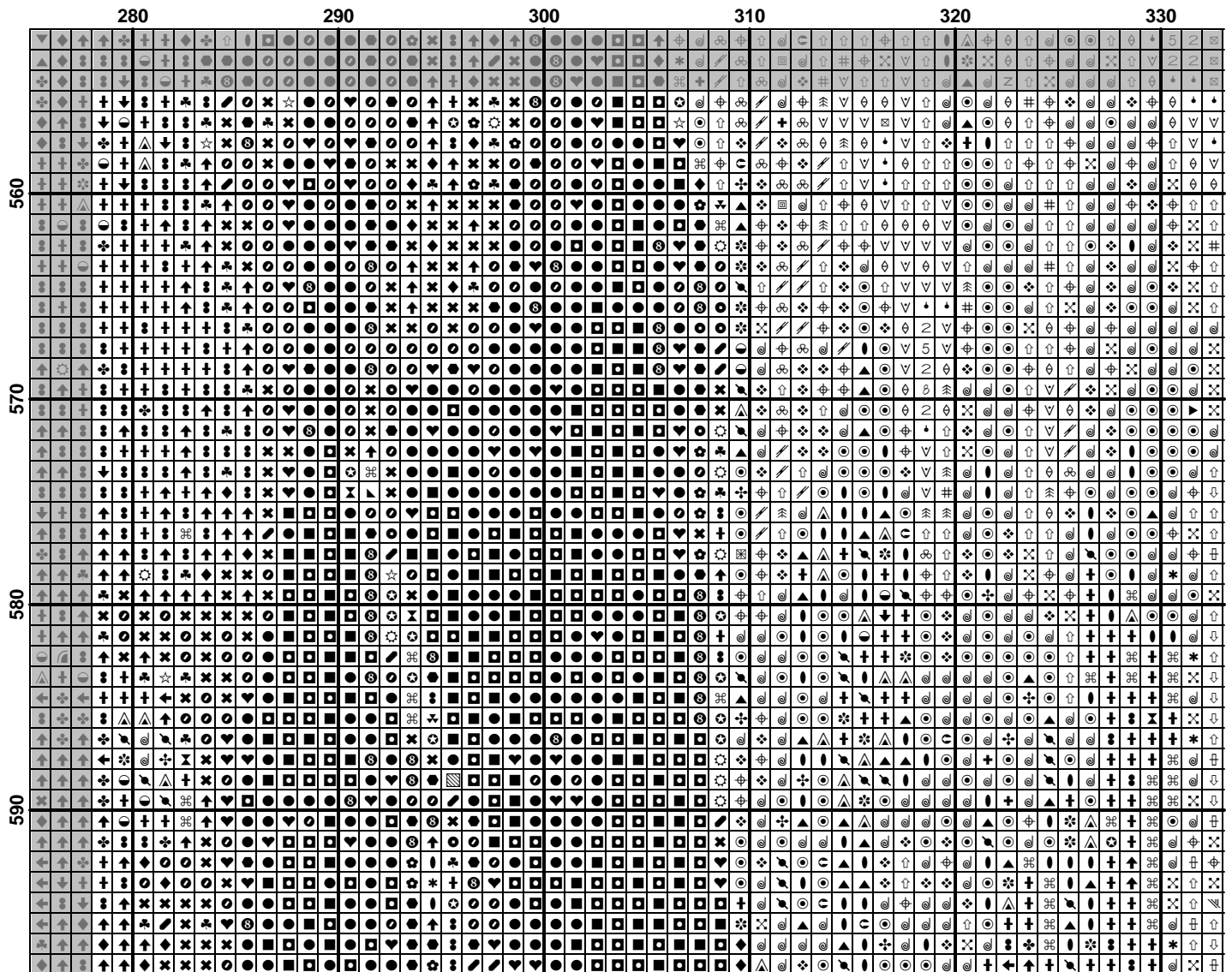




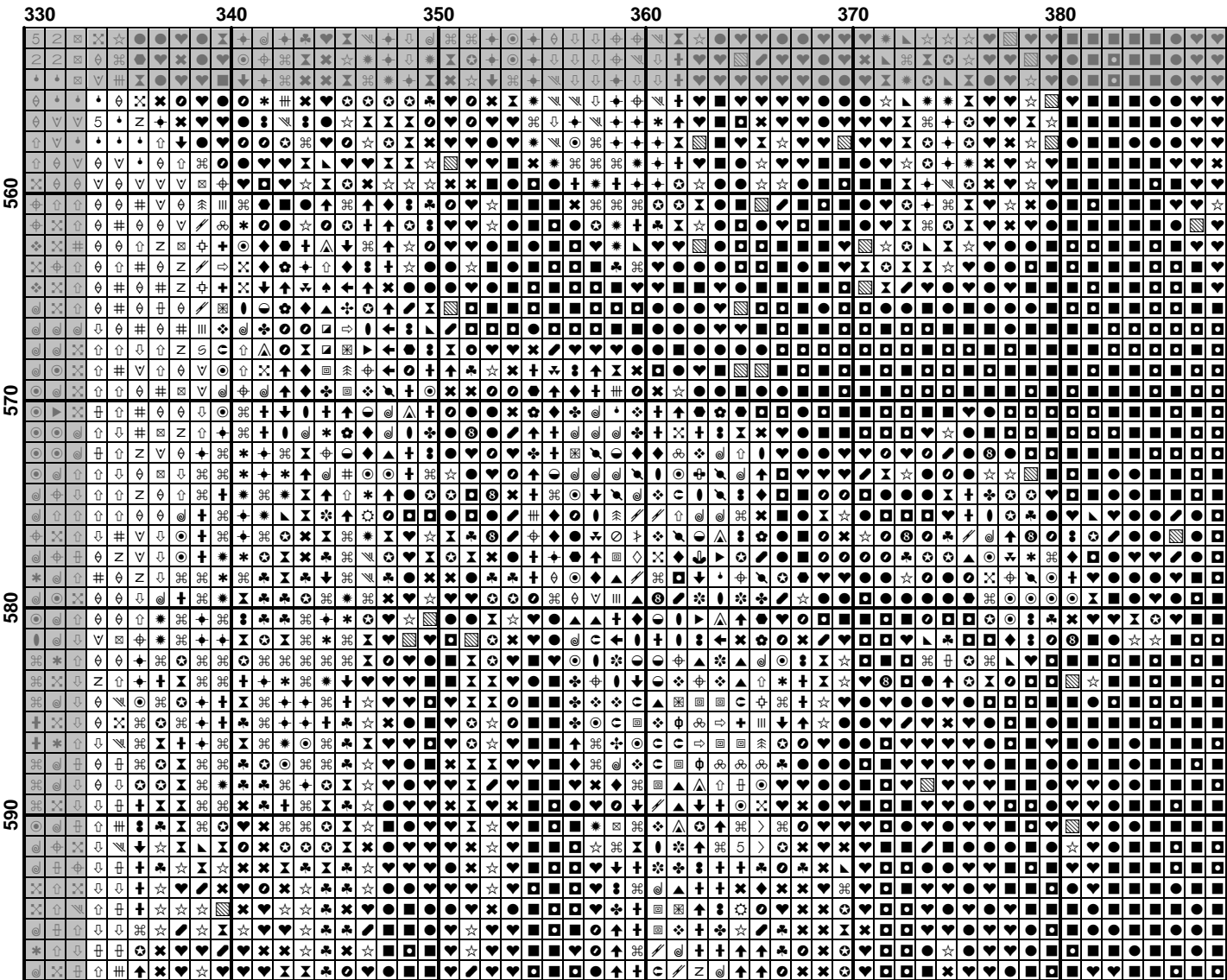


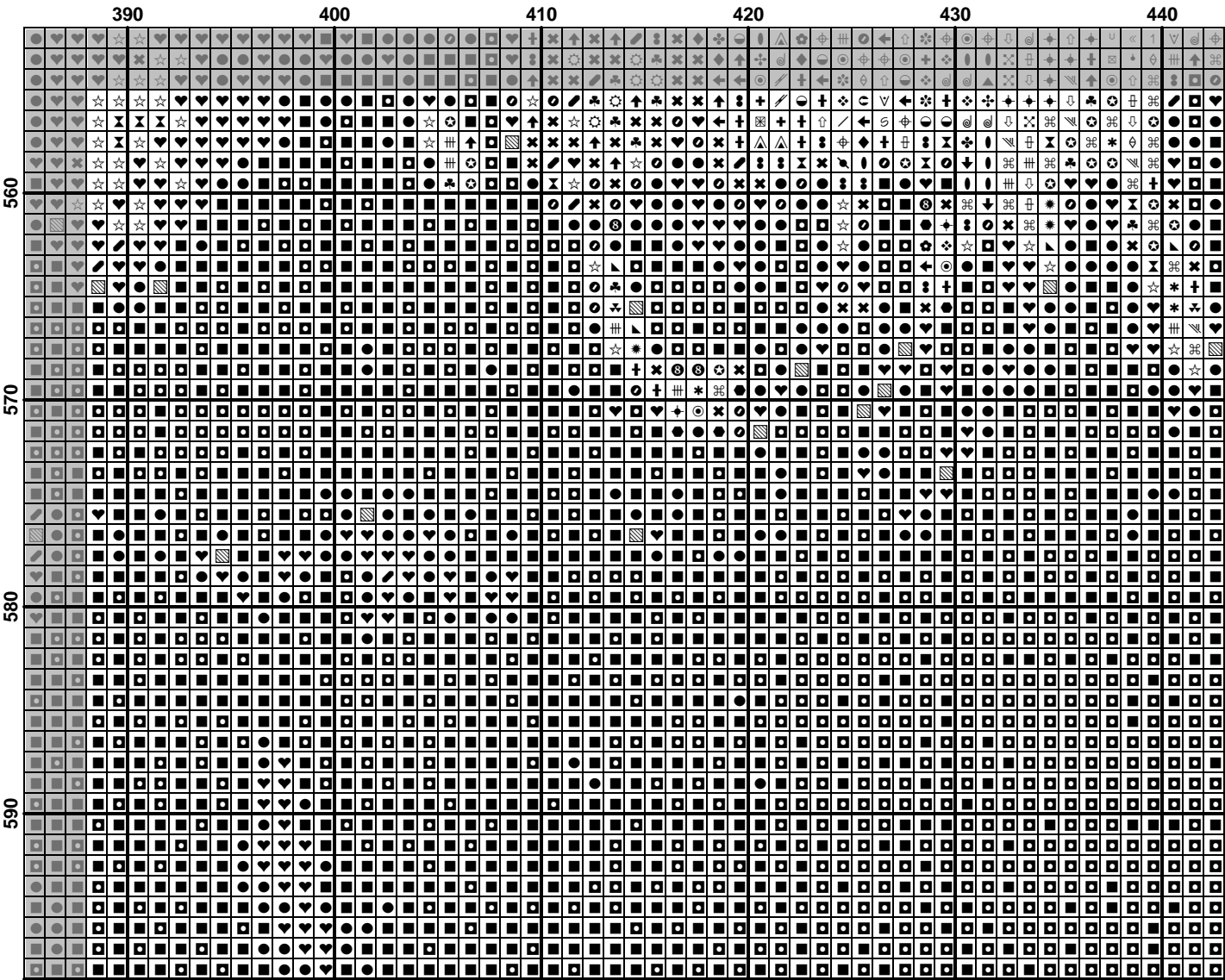




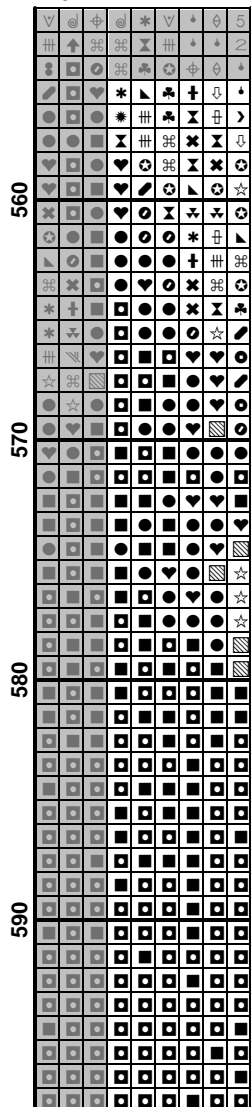








440



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