

Golden Kite

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928 Pavonia



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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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Pavonia												
<div>Stitch Count</div>					<div>Recommended Fabric Color</div>							
Horizontal:		500			Antique White							
Vertical:		773										
<p>This table tells the size of the pattern (without any margins) and the size of the fabric required to stitch the pattern (including recommended margins). 3 inch margins have been added on each side in the ‘Including Margins’ row.</p> <p>The sizes are given for 14, 16 and 18 stitches per inch fabrics.</p> <p>Make sure to use the ‘Including Margins’ row when cutting the piece of fabric to be used. Also make sure that 3 inch margins are enough for your stitching technique and add more margin areas if necessary.</p>												
	14				16				18			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	91	35.67	141	55.12	80	31.21	123	48.23	71	27.75	109	42.875
Including Margins:	107	42	157	62	96	38	139	55	87	34	125	49
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	127	49.93	197	77.16	106	41.61	164	64.3	53	20.8	82	32.15
Including Margins:	143	56	213	84	122	48	180	71	69	27	98	39
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	50	19.97	78	30.86	49	19.2	75	29.68	47	18.49	73	28.58
Including Margins:	66	26	94	37	65	26	91	36	63	25	89	35
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	45	17.83	70	27.56	42	16.64	65	25.72	39	15.6	61	24.11
Including Margins:	61	24	86	34	58	23	81	32	55	22	77	31

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
■	310	Black
⬤	317	Pewter Gray
◊	372	Mustard-LT
+	407	Desert Sand-DK
▲	413	Pewter Gray-DK
◻	414	Steel Gray-DK
◻	415	Pearl Gray
↔	437	Tan-LT
⬤	451	Shell Gray-DK
⌘	452	Shell Gray-MD
◊	453	Shell Gray-LT
⊙	500	Blue Green-VY DK
≡	535	Ash Gray-VY LT
✕	640	Beige Gray-VY DK
⊕	642	Beige Gray-DK
△	645	Beaver Gray-VY DK
*	646	Beaver Gray-DK
↑	647	Beaver Gray-MD
	648	Beaver Gray-LT
⊗	738	Tan-VY LT
⊗	762	Pearl Gray-VY LT
c	819	Baby Pink-LT
◇	822	Beige Gray-LT
⬤	840	Beige Brown-MD
..	841	Beige Brown-LT
2	842	Beige Brown-VY LT
⬤	844	Beaver Brown-UL DK
➡	924	Gray Green-VY DK

♦♦	926	Gray Green-MD
⊙	927	Gray Green-LT
7	928	Gray Green-VY LT
⬤	930	Antique Blue-DK
⊙	931	Antique Blue-MD
⬤	939	Navy Blue-VY DK
/	945	Tawny
:	950	Desert Sand-LT
9	951	Tawny-LT
⊕	3023	Brown Gray-LT
∨	3024	Brown Gray-VY LT
⬤	3032	Mocha Brown-MD
α	3033	Mocha Brown-VY LT
Λ	3045	Yellow Beige-DK
?	3072	Beaver Gray-VY LT
3	3743	Antique Violet-VY LT
△	3756	Baby Blue-UL VY LT
⊕	3768	Gray Green-DK
::	3770	Tawny-VY LT
⊕	3772	Desert Sand-VY DK
∨	3782	Mocha Brown-LT
⊕	3787	Brown Gray-DK
⊕	3790	Beige Gray-UL DK
◆	3799	Pewter Gray-VY DK
✕	3860	Cocoa
⊙	3861	Cocoa-LT
★	3863	Mocha Beige-MD
↑	3864	Mocha Beige-LT
◁	3865	Winter White
^	3866	Mocha Brown-UL VY LT
☆	Ecu	Ecu

Blend Stitches. Use one strand of each of DMC1 and DMC2 for these stitches.				
Symbol	DMC1	Name1	DMC2	Name2
∩	3033	Mocha Brown-VY LT	453	Shell Gray-LT
<	648	Beaver Gray-LT	3024	Brown Gray-VY LT
//	648	Beaver Gray-LT	452	Shell Gray-MD
•	3033	Mocha Brown-VY LT	3072	Beaver Gray-VY LT
⊙	452	Shell Gray-MD	927	Gray Green-LT
—	928	Gray Green-VY LT	3042	Antique Violet-LT
n	3024	Brown Gray-VY LT	452	Shell Gray-MD
○	414	Steel Gray-DK	931	Antique Blue-MD
□	927	Gray Green-LT	414	Steel Gray-DK
⊗	414	Steel Gray-DK	503	Blue Green-MD
L	317	Pewter Gray	931	Antique Blue-MD
⬤	317	Pewter Gray	414	Steel Gray-DK
⬤	927	Gray Green-LT	931	Antique Blue-MD
⬤	3768	Gray Green-DK	317	Pewter Gray
III	926	Gray Green-MD	317	Pewter Gray
c	3740	Antique Violet-DK	645	Beaver Gray-VY DK
⬤	535	Ash Gray-VY LT	645	Beaver Gray-VY DK
I	413	Pewter Gray-DK	501	Blue Green-DK

⚡	413	Pewter Gray -DK	924	Gray Green-VY DK
⚡	317	Pewter Gray	3765	Peacock Blue-VY DK
⚡	414	Steel Gray-DK	3765	Peacock Blue-VY DK
⚡	317	Pewter Gray	503	Blue Green-MD
⚡	413	Pewter Gray -DK	317	Pewter Gray
⚡	312	Baby Blue-VY DK	3809	Turquoise-VY DK
⚡	3842	Wedgewood-DK	3809	Turquoise-VY DK
⚡	930	Antique Blue-DK	3809	Turquoise-VY DK
⚡	3768	Gray Green-DK	930	Antique Blue-DK
⚡	924	Gray Green-VY DK	3847	Teal Green-DK
⚡	312	Baby Blue-VY DK	3765	Peacock Blue-VY DK
⚡	312	Baby Blue-VY DK	317	Pewter Gray
⚡	3809	Turquoise-VY DK	3750	Antique Blue-VY DK
⚡	926	Gray Green-MD	3768	Gray Green-DK
⚡	924	Gray Green-VY DK	501	Blue Green-DK
⚡	924	Gray Green-VY DK	3768	Gray Green-DK
⚡	924	Gray Green-VY DK	926	Gray Green-MD
⚡	312	Baby Blue-VY DK	3848	Teal Green-MD
⚡	312	Baby Blue-VY DK	926	Gray Green-MD
⚡	640	Beige Gray-VY DK	3860	Cocoa
⚡	640	Beige Gray-VY DK	3022	Brown Gray-MD
⚡	3032	Mocha Brown-MD	840	Beige Brown-MD
⚡	3861	Cocoa-LT	647	Beaver Gray-MD
⚡	315	Antique Mauve-VY DK	840	Beige Brown-MD
⚡	839	Beige Brown-DK	3790	Beige Gray-UL DK
⚡	3032	Mocha Brown-MD	3772	Desert Sand-VY DK
⚡	642	Beige Gray-DK	3022	Brown Gray-MD
⚡	841	Beige Brown-LT	3772	Desert Sand-VY DK
⚡	640	Beige Gray-VY DK	840	Beige Brown-MD
⚡	640	Beige Gray-VY DK	645	Beaver Gray-VY DK
⚡	413	Pewter Gray -DK	3021	Brown Gray-VY DK
⚡	924	Gray Green-VY DK	3021	Brown Gray-VY DK
⚡	640	Beige Gray-VY DK	3787	Brown Gray-DK
⚡	645	Beaver Gray-VY DK	3787	Brown Gray-DK
⚡	3860	Cocoa	3790	Beige Gray-UL DK
⚡	3021	Brown Gray-VY DK	3860	Cocoa
⚡	3021	Brown Gray-VY DK	535	Ash Gray-VY LT
⚡	3860	Cocoa	3787	Brown Gray-DK
⚡	315	Antique Mauve-VY DK	3772	Desert Sand-VY DK
⚡	407	Desert Sand-DK	3861	Cocoa-LT
⚡	3021	Brown Gray-VY DK	645	Beaver Gray-VY DK
⚡	645	Beaver Gray-VY DK	844	Beaver Brown-UL DK
⚡	315	Antique Mauve-VY DK	3862	Mocha Beige-DK
⚡	3021	Brown Gray-VY DK	501	Blue Green-DK
⚡	823	Navy Blue-DK	924	Gray Green-VY DK
⚡	3787	Brown Gray-DK	3799	Pewter Gray-VY DK
⚡	645	Beaver Gray-VY DK	924	Gray Green-VY DK
⚡	645	Beaver Gray-VY DK	646	Beaver Gray-DK
⚡	413	Pewter Gray -DK	3799	Pewter Gray-VY DK
⚡	3818	Emerald Green-UL VY DK	823	Navy Blue-DK
⚡	3790	Beige Gray-UL DK	840	Beige Brown-MD
⚡	926	Gray Green-MD	535	Ash Gray-VY LT
⚡	839	Beige Brown-DK	840	Beige Brown-MD
⚡	501	Blue Green-DK	3799	Pewter Gray-VY DK
⚡	924	Gray Green-VY DK	310	Black
⚡	3847	Teal Green-DK	500	Blue Green-VY DK
⚡	501	Blue Green-DK	939	Navy Blue-VY DK
⚡	844	Beaver Brown-UL DK	3740	Antique Violet-DK
⚡	3726	Antique Mauve-DK	840	Beige Brown-MD

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✓	3740	Antique Violet-DK	3787	Brown Gray -DK
⦿	407	Desert Sand-DK	437	Tan-LT
✱	407	Desert Sand-DK	372	Mustard-LT
☒	3828	Hazelnut Brown	3859	Rosewood-LT
⦿	3863	Mocha Beige-MD	436	Tan
☾	3860	Cocoa	451	Shell Gray-DK
⦿	3862	Mocha Beige-DK	3863	Mocha Beige-MD
☒	3847	Teal Green-DK	823	Navy Blue-DK
☒	924	Gray Green-VY DK	535	Ash Gray -VY LT
●	823	Navy Blue-DK	939	Navy Blue-VY DK
=	647	Beaver Gray-MD	927	Gray Green-LT
☼	931	Antique Blue-MD	647	Beaver Gray-MD
☒	503	Blue Green-MD	451	Shell Gray-DK
⊕	414	Steel Gray-DK	451	Shell Gray-DK
↓	414	Steel Gray-DK	452	Shell Gray-MD
⌞	414	Steel Gray-DK	647	Beaver Gray-MD
⌞	647	Beaver Gray-MD	452	Shell Gray-MD
⬇	3818	Emerald Green-UL VY DK	939	Navy Blue-VY DK
✕	310	Black	3768	Gray Green-DK
●	823	Navy Blue-DK	310	Black
◀	372	Mustard-LT	642	Beige Gray-DK
◊	738	Tan-VY LT	3864	Mocha Beige-LT
u	224	Shell Pink-VY LT	738	Tan-VY LT
⌞	738	Tan-VY LT	842	Beige BrownVY LT
◊	842	Beige BrownVY LT	950	Desert Sand-LT
1	842	Beige BrownVY LT	945	Tawny
◊	738	Tan-VY LT	945	Tawny
>	739	Tan-UL VY LT	754	Peach-LT
β	951	Tawny-LT	754	Peach-LT
⌞	841	Beige BrownLT	3864	Mocha Beige-LT
✕	842	Beige BrownVY LT	3864	Mocha Beige-LT
⌞	3772	Desert Sand-VY DK	642	Beige Gray-DK
☒	501	Blue Green-DK	310	Black
☼	841	Beige BrownLT	612	Drab Brown-LT
•	841	Beige BrownLT	3828	Hazelnut Brown
☒	3828	Hazelnut Brown	3772	Desert Sand-VY DK
◊	3790	Beige Gray-UL DK	3772	Desert Sand-VY DK
⌞	840	Beige BrownMD	841	Beige BrownLT
☒	3772	Desert Sand-VY DK	3726	Antique Mauve-DK
☒	645	Beaver Gray-VY DK	3860	Cocoa
⌞	407	Desert Sand-DK	738	Tan-VY LT
⦿	612	Drab Brown-LT	3859	Rosewood-LT
⦿	3032	Mocha Brown-MD	3726	Antique Mauve-DK
)	739	Tan-UL VY LT	951	Tawny-LT
▷	945	Tawny	437	Tan-LT
▶	3740	Antique Violet-DK	315	Antique Mauve-VY DK
◊	3740	Antique Violet-DK	3790	Beige Gray-UL DK
#	3721	Shell Pink-DK	3726	Antique Mauve-DK
☒	3772	Desert Sand-VY DK	223	Shell Pink-LT
4	612	Drab Brown-LT	223	Shell Pink-LT
•	3064	Desert Sand	612	Drab Brown-LT
☒	225	Shell Pink-UL VY LT	3756	Baby Blue-UL VY LT
◊	3743	Antique Violet-VY LT	3033	Mocha Brown-VY LT
5	3072	Beaver Gray-VY LT	3743	Antique Violet-VY LT
◊	3756	Baby Blue-UL VY LT	3865	Winter White
6	3865	Winter White	225	Shell Pink-UL VY LT
∞	1	White 1	3865	Winter White
⇒	318	Steel Gray-LT	928	Gray Green-VY LT
✓	3743	Antique Violet-VY LT	3753	Antique Blue-UL VY LT

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m	451	Shell Gray-DK	647	Beaver Gray-MD
♡	819	Baby Pink-LT	3865	Winter White
(3756	Baby Blue-UL VY LT	762	Pearl Gray-VY LT
Δ	3024	Brown Gray -VY LT	927	Gray 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	
1	White 1	3111	1224	2963	1166	2667	1050
223	Shell Pink-LT	40	15	38	14	34	13
224	Shell Pink-VY LT	257	101	245	96	220	86
225	Shell Pink-UL VY LT	1872	737	1783	701	1605	631
310	Black	8034	3162	7652	3012	6886	2711
312	Baby Blue-VY DK	415	163	396	155	356	140
315	Antique Mauve-VY DK	104	40	99	38	89	35
317	Pewter Gray	1165	458	1110	437	999	393
318	Steel Gray-LT	165	64	157	61	141	55
372	Mustard-LT	425	167	405	159	364	143
407	Desert Sand-DK	709	279	675	265	607	238
413	Pewter Gray -DK	2407	947	2292	902	2063	812
414	Steel Gray-DK	1088	428	1036	407	932	366
415	Pearl Gray	767	301	730	287	657	258
436	Tan	37	14	35	13	32	12
437	Tan-LT	400	157	381	150	343	135
451	Shell Gray-DK	903	355	860	338	774	304
452	Shell Gray-MD	1756	691	1672	658	1505	592
453	Shell Gray-LT	1416	557	1348	530	1214	477
500	Blue Green-VY DK	1413	556	1346	529	1211	476
501	Blue Green-DK	3376	1329	3215	1265	2894	1139
503	Blue Green-MD	384	151	366	144	329	129
535	Ash Gray -VY LT	2196	864	2092	823	1882	740
612	Drab Brown-LT	299	117	284	111	256	100
640	Beige Gray-VY DK	801	315	763	300	687	270
642	Beige Gray-DK	417	164	397	156	357	140
645	Beaver Gray-VY DK	2563	1009	2441	961	2197	864
646	Beaver Gray-DK	460	181	438	172	394	155
647	Beaver Gray-MD	1354	533	1289	507	1160	456
648	Beaver Gray-LT	869	342	828	325	745	293
738	Tan-VY LT	2090	822	1991	783	1792	705
739	Tan-UL VY LT	180	70	172	67	154	60
754	Peach-LT	224	88	214	84	192	75
762	Pearl Gray-VY LT	2161	850	2059	810	1853	729
819	Baby Pink-LT	538	211	512	201	461	181
822	Beige Gray-LT	408	160	389	153	350	137
823	Navy Blue-DK	2129	838	2027	798	1824	718
839	Beige Brown-DK	214	84	203	79	183	72
840	Beige Brown-MD	886	348	844	332	759	298
841	Beige Brown-LT	1160	456	1105	435	994	391
842	Beige Brown-VY LT	687	270	654	257	589	231
844	Beaver Brown-UL DK	1413	556	1346	529	1211	476
924	Gray Green-VY DK	7691	3027	7325	2883	6593	2595
926	Gray Green-MD	1792	705	1707	672	1536	604
927	Gray Green-LT	1326	522	1263	497	1137	447
928	Gray Green-VY LT	684	269	651	256	586	230
930	Antique Blue-DK	343	135	327	128	294	115
931	Antique Blue-MD	354	139	337	132	304	119
939	Navy Blue-VY DK	4411	1736	4201	1653	3780	1488
945	Tawny	2020	795	1924	757	1732	681
950	Desert Sand-LT	75	29	71	27	64	25
951	Tawny-LT	115	45	109	42	98	38
3021	Brown Gray -VY DK	2759	1086	2627	1034	2364	930

3022	Brown Gray -MD	175	68	167	65	150	59
3023	Brown Gray -LT	222	87	212	83	191	75
3024	Brown Gray -VY LT	1784	702	1699	668	1529	601
3032	Mocha Brown-MD	552	217	526	207	473	186
3033	Mocha Brown-VY LT	1114	438	1061	417	955	375
3042	Antique Violet-LT	219	86	209	82	188	74
3045	Yellow Beige-DK	26	10	25	9	22	8
3064	Desert Sand	121	47	116	45	104	40
3072	Beaver Gray-VY LT	2359	928	2247	884	2022	796
3721	Shell Pink- DK	2	1	2	1	2	1
3726	Antique Mauve-DK	158	62	150	59	135	53
3740	Antique Violet-DK	609	239	580	228	522	205
3743	Antique Violet-VY LT	1893	745	1803	709	1623	638
3750	Antique Blue-VY DK	51	20	49	19	44	17
3753	Antique Blue-UL VY LT	103	40	99	38	89	35
3756	Baby Blue-UL VY LT	3383	1331	3222	1268	2899	1141
3765	Peacock Blue-VY DK	174	68	166	65	149	58
3768	Gray Green-DK	2330	917	2219	873	1997	786
3770	Tawny-VY LT	32	12	30	11	27	10
3772	Desert Sand-VY DK	461	181	439	172	395	155
3782	Mocha Brown-LT	214	84	204	80	183	72
3787	Brown Gray -DK	1431	563	1363	536	1227	483
3790	Beige Gray-UL DK	619	243	590	232	531	209
3799	Pewter Gray -VY DK	2348	924	2236	880	2013	792
3809	Turquoise-VY DK	440	173	419	164	377	148
3818	Emerald Green-UL VY DK	1483	583	1412	555	1271	500
3828	Hazelnut Brown	140	55	134	52	120	47
3842	Wedgewood-DK	124	48	118	46	106	41
3847	Teal Green-DK	552	217	525	206	473	186
3848	Teal Green-MD	66	25	63	24	57	22
3859	Rosewood-LT	38	14	36	14	33	12
3860	Cocoa	1169	460	1113	438	1002	394
3861	Cocoa-LT	341	134	324	127	292	114
3862	Mocha Beige-DK	94	37	90	35	81	31
3863	Mocha Beige-MD	420	165	400	157	360	141
3864	Mocha Beige-LT	1260	496	1200	472	1080	425
3865	Winter White	8559	3369	8151	3209	7336	2888
3866	Mocha Brown-UL VY LT	1042	410	993	390	893	351
Ecru	Ecru	58	22	55	21	50	19

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
1	White 1	4801	1890	4001	1575	2000	788
223	Shell Pink-LT	61	23	51	20	26	10
224	Shell Pink-VY LT	396	155	330	129	165	65
225	Shell Pink-UL VY LT	2889	1136	2408	947	1204	473
310	Black	12395	4880	10329	4067	5165	2033
312	Baby Blue-VY DK	641	252	534	210	267	105
315	Antique Mauve-VY DK	160	63	134	53	67	26
317	Pewter Gray	1798	707	1499	590	749	295
318	Steel Gray-LT	254	99	212	83	106	41
372	Mustard-LT	655	257	546	215	273	107
407	Desert Sand-DK	1093	428	911	357	455	179
413	Pewter Gray -DK	3713	1462	3095	1218	1547	609
414	Steel Gray-DK	1678	659	1398	549	699	275

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415	Pearl Gray	1183	464	986	387	493	194
436	Tan	58	22	48	18	24	9
437	Tan-LT	617	243	515	203	257	101
451	Shell Gray-DK	1393	547	1161	456	581	228
452	Shell Gray-MD	2709	1066	2258	888	1129	444
453	Shell Gray-LT	2185	859	1821	716	911	358
500	Blue Green-VY DK	2180	857	1817	714	908	357
501	Blue Green-DK	5209	2050	4341	1709	2171	854
503	Blue Green-MD	592	232	494	194	247	97
535	Ash Gray -VY LT	3388	1332	2823	1110	1412	555
612	Drab Brown-LT	461	180	384	150	192	75
640	Beige Gray-VY DK	1237	486	1031	405	515	203
642	Beige Gray-DK	643	252	536	210	268	105
645	Beaver Gray-VY DK	3955	1555	3296	1296	1648	648
646	Beaver Gray-DK	709	279	591	233	296	116
647	Beaver Gray-MD	2088	821	1740	684	870	342
648	Beaver Gray-LT	1341	527	1118	440	559	220
738	Tan-VY LT	3226	1269	2688	1058	1344	529
739	Tan-UL VY LT	277	108	231	90	116	45
754	Peach-LT	346	135	288	113	144	56
762	Pearl Gray-VY LT	3335	1312	2780	1094	1390	547
819	Baby Pink-LT	830	326	692	272	346	136
822	Beige Gray-LT	630	247	525	206	263	103
823	Navy Blue-DK	3283	1292	2736	1077	1368	539
839	Beige Brown-DK	329	130	275	108	137	54
840	Beige Brown-MD	1366	536	1139	447	569	224
841	Beige Brown-LT	1789	704	1491	587	746	293
842	Beige Brown-VY LT	1060	416	884	347	442	173
844	Beaver Brown-UL DK	2180	857	1817	714	908	357
924	Gray Green-VY DK	11867	4671	9890	3893	4945	1946
926	Gray Green-MD	2765	1087	2304	906	1152	453
927	Gray Green-LT	2047	805	1706	671	853	335
928	Gray Green-VY LT	1055	414	879	345	440	173
930	Antique Blue-DK	529	207	441	173	221	86
931	Antique Blue-MD	547	214	456	179	228	89
939	Navy Blue-VY DK	6804	2678	5670	2232	2835	1116
945	Tawny	3118	1226	2598	1022	1299	511
950	Desert Sand-LT	115	45	96	38	48	19
951	Tawny-LT	176	68	147	57	74	29
3021	Brown Gray -VY DK	4255	1674	3546	1395	1773	698
3022	Brown Gray -MD	270	106	225	89	113	44
3023	Brown Gray -LT	344	135	287	113	143	56
3024	Brown Gray -VY LT	2752	1082	2294	902	1147	451
3032	Mocha Brown-MD	851	335	710	279	355	140
3033	Mocha Brown-VY LT	1719	675	1433	563	716	281
3042	Antique Violet-LT	338	133	282	111	141	56
3045	Yellow Beige-DK	40	14	33	12	17	6
3064	Desert Sand	187	72	156	60	78	30
3072	Beaver Gray-VY LT	3640	1433	3033	1194	1517	597
3721	Shell Pink-DK	4	2	3	2	2	1
3726	Antique Mauve-DK	243	95	203	80	101	40
3740	Antique Violet-DK	940	369	783	308	392	154
3743	Antique Violet-VY LT	2921	1148	2435	957	1217	479
3750	Antique Blue-VY DK	79	31	66	26	33	13
3753	Antique Blue-UL VY LT	160	63	134	53	67	26
3756	Baby Blue-UL VY LT	5218	2054	4349	1712	2174	856
3765	Peacock Blue-VY DK	268	104	224	87	112	44
3768	Gray Green-DK	3595	1415	2996	1179	1498	590
3770	Tawny -VY LT	49	18	41	15	20	8

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3772	Desert Sand-VY DK	711	279	593	233	296	116
3782	Mocha Brown-LT	329	130	275	108	137	54
3787	Brown Gray -DK	2209	869	1841	725	920	362
3790	Beige Gray-UL DK	956	376	797	314	398	157
3799	Pewter Gray -VY DK	3623	1426	3020	1188	1510	594
3809	Turquoise-VY DK	679	266	566	222	283	111
3818	Emerald Green-UL VY DK	2288	900	1907	750	953	375
3828	Hazelnut Brown	216	85	180	71	90	35
3842	Wedgewood-DK	191	74	159	62	80	31
3847	Teal Green-DK	851	335	710	279	355	140
3848	Teal Green-MD	103	40	86	33	43	17
3859	Rosewood-LT	59	22	50	18	25	9
3860	Cocoa	1804	709	1503	591	752	296
3861	Cocoa-LT	526	205	438	171	219	86
3862	Mocha Beige-DK	146	56	122	47	61	23
3863	Mocha Beige-MD	648	254	540	212	270	106
3864	Mocha Beige-LT	1944	765	1620	638	810	319
3865	Winter White	13205	5198	11004	4332	5502	2166
3866	Mocha Brown-UL VY LT	1607	632	1340	527	670	263
Ecru	Ecru	90	34	75	29	38	14

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
1	White 1	1920	756	1846	727	1778	700
223	Shell Pink-LT	24	9	24	9	23	9
224	Shell Pink-VY LT	158	62	152	60	147	57
225	Shell Pink-UL VY LT	1156	454	1111	437	1070	421
310	Black	4958	1952	4767	1877	4591	1807
312	Baby Blue-VY DK	256	101	246	97	237	93
315	Antique Mauve-VY DK	64	25	62	24	59	23
317	Pewter Gray	719	283	692	272	666	262
318	Steel Gray-LT	102	40	98	38	94	37
372	Mustard-LT	262	103	252	99	243	95
407	Desert Sand-DK	437	171	420	165	405	159
413	Pewter Gray -DK	1485	585	1428	562	1375	541
414	Steel Gray-DK	671	264	645	253	621	244
415	Pearl Gray	473	186	455	179	438	172
436	Tan	23	9	22	8	21	8
437	Tan-LT	247	97	237	93	229	90
451	Shell Gray-DK	557	219	536	210	516	203
452	Shell Gray-MD	1084	426	1042	410	1003	395
453	Shell Gray-LT	874	343	840	330	809	318
500	Blue Green-VY DK	872	343	838	330	807	317
501	Blue Green-DK	2084	820	2004	789	1929	759
503	Blue Green-MD	237	93	228	89	219	86
535	Ash Gray -VY LT	1355	533	1303	512	1255	493
612	Drab Brown-LT	184	72	177	69	171	67
640	Beige Gray-VY DK	495	194	476	187	458	180
642	Beige Gray-DK	257	101	247	97	238	93
645	Beaver Gray-VY DK	1582	622	1521	598	1465	576
646	Beaver Gray-DK	284	112	273	107	263	103
647	Beaver Gray-MD	835	328	803	316	773	304
648	Beaver Gray-LT	536	211	516	203	497	195
738	Tan-VY LT	1290	508	1241	488	1195	470
739	Tan-UL VY LT	111	43	107	42	103	40

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754	Peach-LT	138	54	133	52	128	50
762	Pearl Gray-VY LT	1334	525	1283	505	1235	486
819	Baby Pink-LT	332	130	319	125	307	121
822	Beige Gray-LT	252	99	242	95	233	91
823	Navy Blue-DK	1313	517	1263	497	1216	479
839	Beige Brown-DK	132	52	127	50	122	48
840	Beige Brown-MD	546	215	525	206	506	199
841	Beige Brown-LT	716	282	688	271	663	261
842	Beige Brown-VY LT	424	166	408	160	393	154
844	Beaver Brown-UL DK	872	343	838	330	807	317
924	Gray Green-VY DK	4747	1868	4564	1797	4395	1730
926	Gray Green-MD	1106	435	1063	418	1024	403
927	Gray Green-LT	819	322	787	309	758	298
928	Gray Green-VY LT	422	166	406	159	391	153
930	Antique Blue-DK	212	83	204	80	196	77
931	Antique Blue-MD	219	86	210	82	203	79
939	Navy Blue-VY DK	2722	1071	2617	1030	2520	992
945	Tawny	1247	490	1199	471	1155	454
950	Desert Sand-LT	46	18	44	17	43	17
951	Tawny-LT	71	27	68	26	65	25
3021	Brown Gray -VY DK	1702	670	1637	644	1576	620
3022	Brown Gray -MD	108	42	104	41	100	39
3023	Brown Gray -LT	138	54	132	52	127	50
3024	Brown Gray -VY LT	1101	433	1059	416	1019	401
3032	Mocha Brown-MD	341	134	327	129	315	124
3033	Mocha Brown-VY LT	688	270	661	260	637	250
3042	Antique Violet-LT	135	53	130	51	125	49
3045	Yellow Beige-DK	16	6	15	6	15	5
3064	Desert Sand	75	29	72	28	69	27
3072	Beaver Gray-VY LT	1456	573	1400	551	1348	531
3721	Shell Pink-DK	1	1	1	1	1	1
3726	Antique Mauve-DK	97	38	93	37	90	35
3740	Antique Violet-DK	376	148	361	142	348	137
3743	Antique Violet-VY LT	1169	459	1124	442	1082	425
3750	Antique Blue-VY DK	32	12	30	12	29	11
3753	Antique Blue-UL VY LT	64	25	62	24	59	23
3756	Baby Blue-UL VY LT	2087	822	2007	790	1933	761
3765	Peacock Blue-VY DK	107	42	103	40	99	39
3768	Gray Green-DK	1438	566	1383	544	1331	524
3770	Tawny-VY LT	19	7	19	7	18	7
3772	Desert Sand-VY DK	284	112	273	107	263	103
3782	Mocha Brown-LT	132	52	127	50	122	48
3787	Brown Gray -DK	883	348	849	334	818	322
3790	Beige Gray-UL DK	382	150	368	145	354	139
3799	Pewter Gray -VY DK	1449	570	1394	548	1342	528
3809	Turquoise-VY DK	271	107	261	102	251	99
3818	Emerald Green-UL VY DK	915	360	880	346	847	333
3828	Hazelnut Brown	86	34	83	33	80	31
3842	Wedgewood-DK	76	30	73	28	71	27
3847	Teal Green-DK	341	134	327	129	315	124
3848	Teal Green-MD	41	16	39	15	38	15
3859	Rosewood-LT	24	9	23	8	22	8
3860	Cocoa	721	284	694	273	668	263
3861	Cocoa-LT	210	82	202	79	195	76
3862	Mocha Beige-DK	58	22	56	21	54	21
3863	Mocha Beige-MD	259	102	249	98	240	94
3864	Mocha Beige-LT	778	306	748	294	720	283
3865	Winter White	5282	2079	5079	1999	4891	1925
3866	Mocha Brown-UL VY LT	643	253	618	243	595	234

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Ecru	Ecru	36	14	35	13	33	13
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Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
1	White 1	1715	675	1600	630	1500	591
223	Shell Pink-LT	22	8	20	8	19	7
224	Shell Pink-VY LT	141	55	132	52	124	48
225	Shell Pink-UL VY LT	1032	406	963	379	903	355
310	Black	4427	1743	4132	1627	3873	1525
312	Baby Blue-VY DK	229	90	214	84	200	79
315	Antique Mauve-VY DK	57	23	53	21	50	20
317	Pewter Gray	642	253	599	236	562	221
318	Steel Gray-LT	91	35	85	33	79	31
372	Mustard-LT	234	92	218	86	205	80
407	Desert Sand-DK	390	153	364	143	341	134
413	Pewter Gray -DK	1326	522	1238	487	1160	457
414	Steel Gray -DK	599	235	559	220	524	206
415	Pearl Gray	422	166	394	155	370	145
436	Tan	21	8	19	7	18	7
437	Tan-LT	221	87	206	81	193	76
451	Shell Gray-DK	498	195	464	182	435	171
452	Shell Gray-MD	968	381	903	355	847	333
453	Shell Gray-LT	780	307	728	286	683	268
500	Blue Green-VY DK	779	306	727	286	681	268
501	Blue Green-DK	1860	732	1736	683	1628	641
503	Blue Green-MD	212	83	197	77	185	73
535	Ash Gray -VY LT	1210	476	1129	444	1059	416
612	Drab Brown-LT	165	64	154	60	144	56
640	Beige Gray-VY DK	442	174	412	162	386	152
642	Beige Gray-DK	230	90	214	84	201	79
645	Beaver Gray-VY DK	1412	555	1318	518	1236	486
646	Beaver Gray-DK	253	100	236	93	222	87
647	Beaver Gray-MD	746	293	696	274	653	257
648	Beaver Gray-LT	479	188	447	176	419	165
738	Tan-VY LT	1152	453	1075	423	1008	397
739	Tan-UL VY LT	99	39	92	36	87	34
754	Peach-LT	123	48	115	45	108	42
762	Pearl Gray-VY LT	1191	469	1112	437	1042	410
819	Baby Pink-LT	296	116	277	109	259	102
822	Beige Gray-LT	225	88	210	82	197	77
823	Navy Blue-DK	1173	462	1094	431	1026	404
839	Beige Brown-DK	118	46	110	43	103	41
840	Beige Brown-MD	488	192	455	179	427	168
841	Beige Brown-LT	639	251	596	235	559	220
842	Beige Brown-VY LT	379	149	353	139	331	130
844	Beaver Brown-UL DK	779	306	727	286	681	268
924	Gray Green-VY DK	4238	1668	3956	1557	3709	1460
926	Gray Green-MD	987	388	922	362	864	340
927	Gray Green-LT	731	287	682	268	640	251
928	Gray Green-VY LT	377	148	352	138	330	129
930	Antique Blue-DK	189	74	176	69	165	65
931	Antique Blue-MD	195	77	182	71	171	67
939	Navy Blue-VY DK	2430	957	2268	893	2126	837
945	Tawny	1113	438	1039	409	974	383
950	Desert Sand-LT	41	16	38	15	36	14

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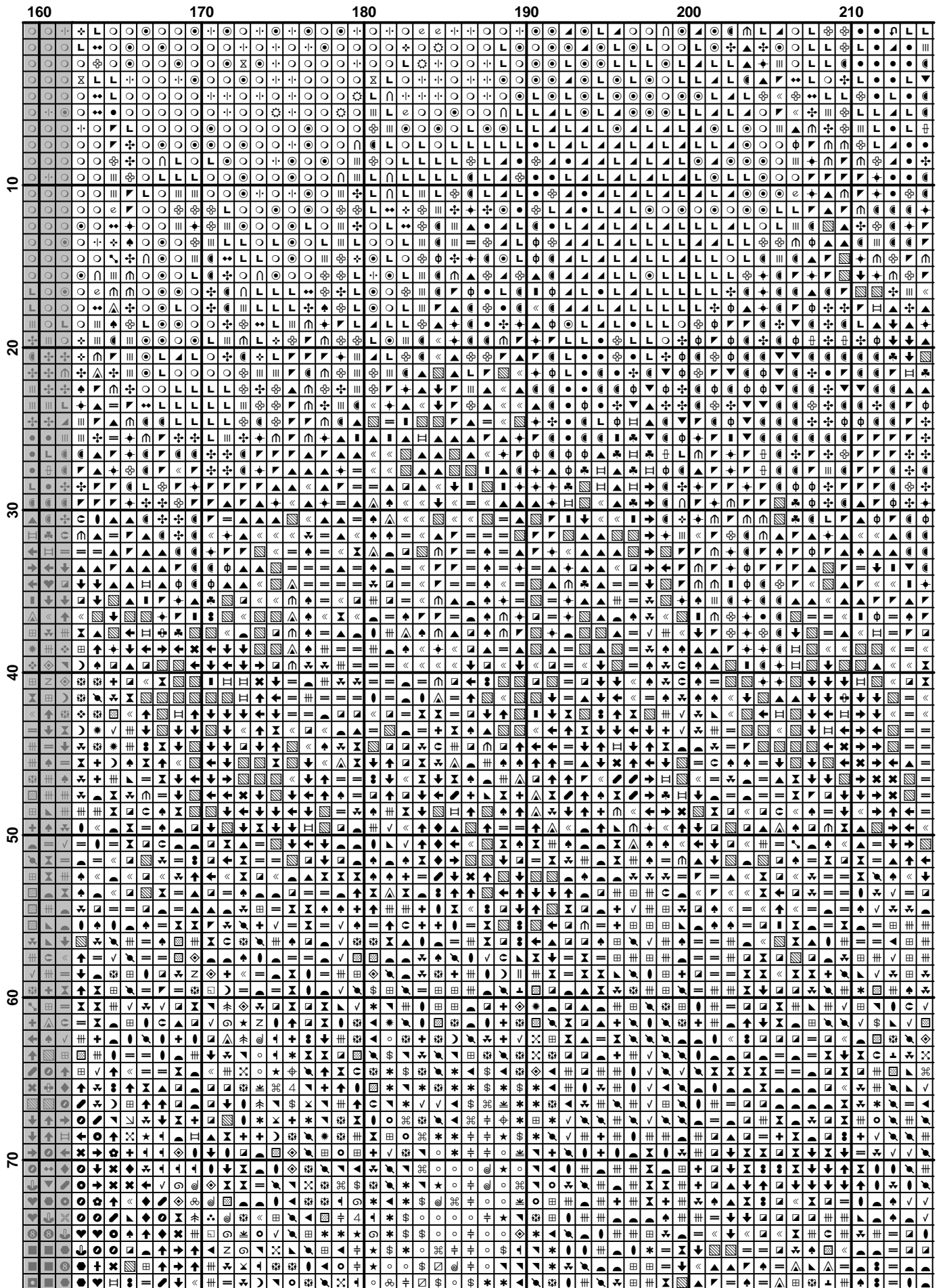
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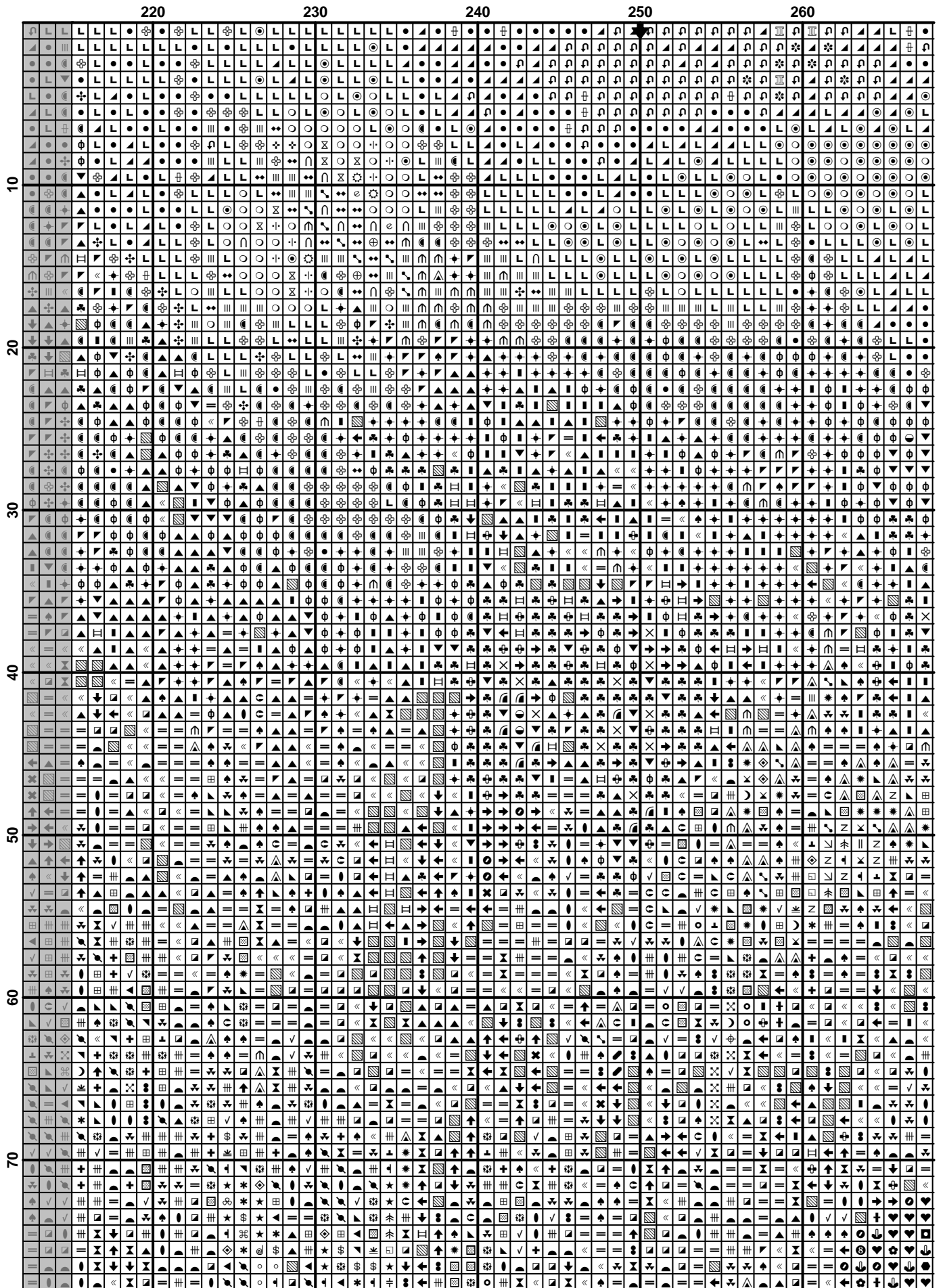
951	Tawny-LT	63	24	59	23	55	21
3021	Brown Gray-VY DK	1520	598	1418	558	1330	523
3022	Brown Gray-MD	96	38	90	35	84	33
3023	Brown Gray-LT	123	48	115	45	107	42
3024	Brown Gray-VY LT	983	386	917	361	860	338
3032	Mocha Brown-MD	304	120	284	112	266	105
3033	Mocha Brown-VY LT	614	241	573	225	537	211
3042	Antique Violet-LT	121	48	113	44	106	42
3045	Yellow Beige-DK	14	5	13	5	12	5
3064	Desert Sand	67	26	62	24	59	23
3072	Beaver Gray-VY LT	1300	512	1213	478	1137	448
3721	Shell Pink-DK	1	1	1	1	1	1
3726	Antique Mauve-DK	87	34	81	32	76	30
3740	Antique Violet-DK	336	132	313	123	294	115
3743	Antique Violet-VY LT	1043	410	974	383	913	359
3750	Antique Blue-VY DK	28	11	26	10	25	10
3753	Antique Blue-UL VY LT	57	23	53	21	50	20
3756	Baby Blue-UL VY LT	1864	734	1739	685	1631	642
3765	Peacock Blue-VY DK	96	37	89	35	84	33
3768	Gray Green-DK	1284	505	1198	472	1123	442
3770	Tawny-VY LT	17	6	16	6	15	6
3772	Desert Sand-VY DK	254	100	237	93	222	87
3782	Mocha Brown-LT	118	46	110	43	103	41
3787	Brown Gray-DK	789	311	736	290	690	272
3790	Beige Gray-UL DK	341	134	319	125	299	118
3799	Pewter Gray-VY DK	1294	509	1208	475	1132	446
3809	Turquoise-VY DK	242	95	226	89	212	83
3818	Emerald Green-UL VY DK	817	321	763	300	715	281
3828	Hazelnut Brown	77	30	72	28	68	26
3842	Wedgewood-DK	68	26	64	25	60	23
3847	Teal Green-DK	304	120	284	112	266	105
3848	Teal Green-MD	37	14	34	13	32	12
3859	Rosewood-LT	21	8	20	7	19	7
3860	Cocoa	644	253	601	236	564	222
3861	Cocoa-LT	188	73	175	68	164	64
3862	Mocha Beige-DK	52	20	49	19	46	17
3863	Mocha Beige-MD	231	91	216	85	203	79
3864	Mocha Beige-LT	694	273	648	255	608	239
3865	Winter White	4716	1857	4402	1733	4127	1625
3866	Mocha Brown-UL VY LT	574	226	536	211	502	197
Ecru	Ecru	32	12	30	11	28	11

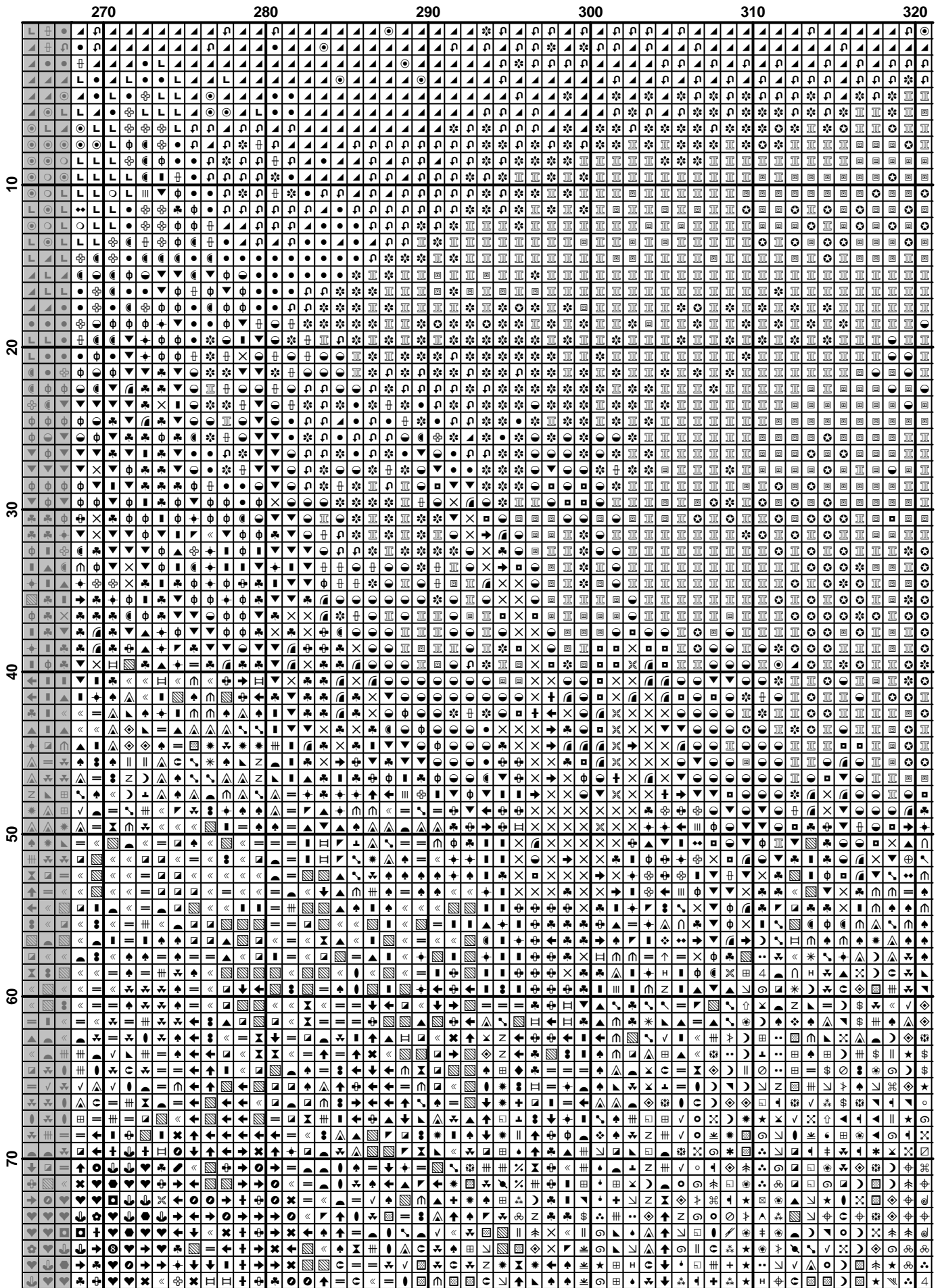
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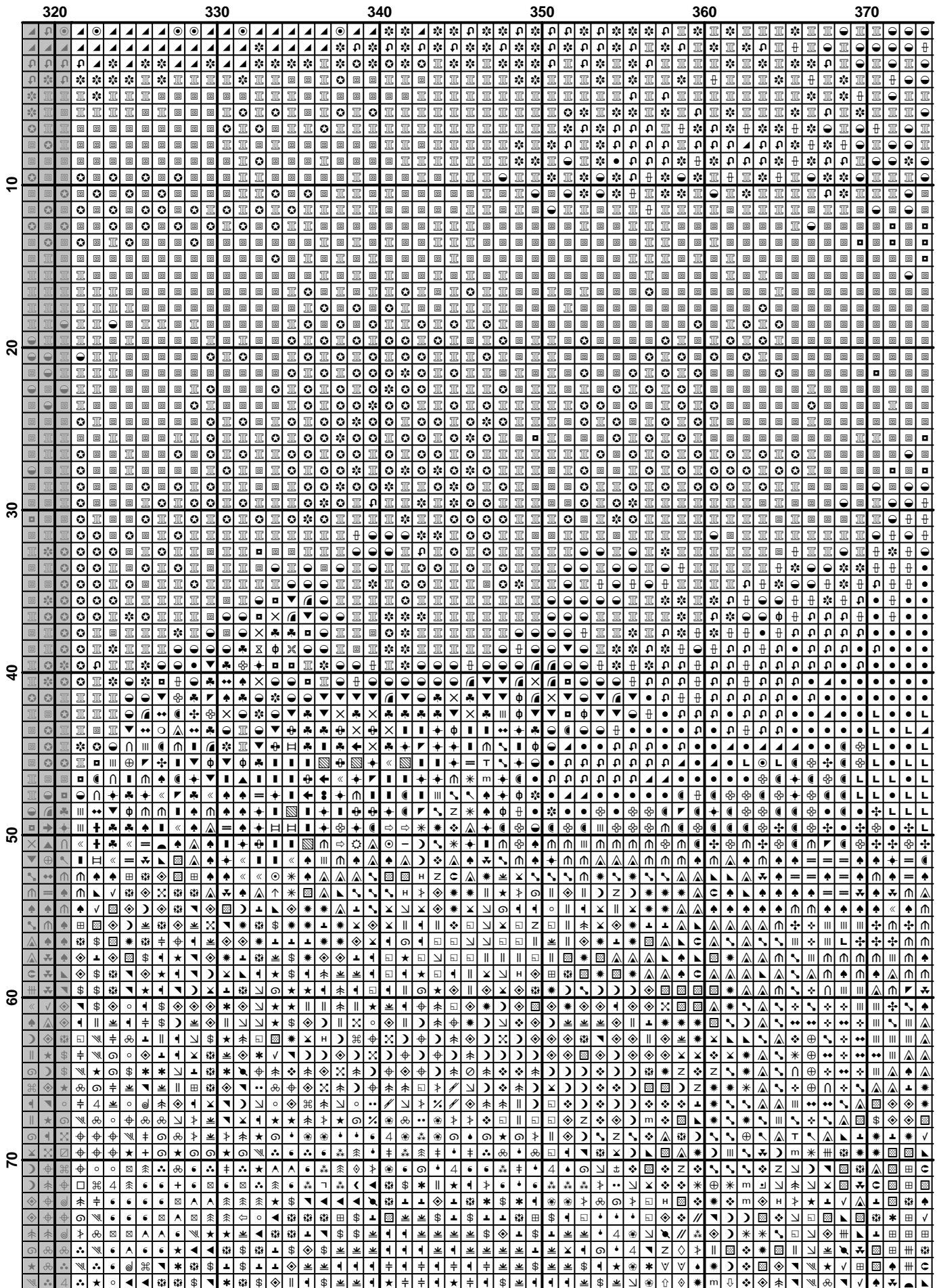
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90	Q	Q	Q	Q	Q
100	Q	Q	Q	Q	Q
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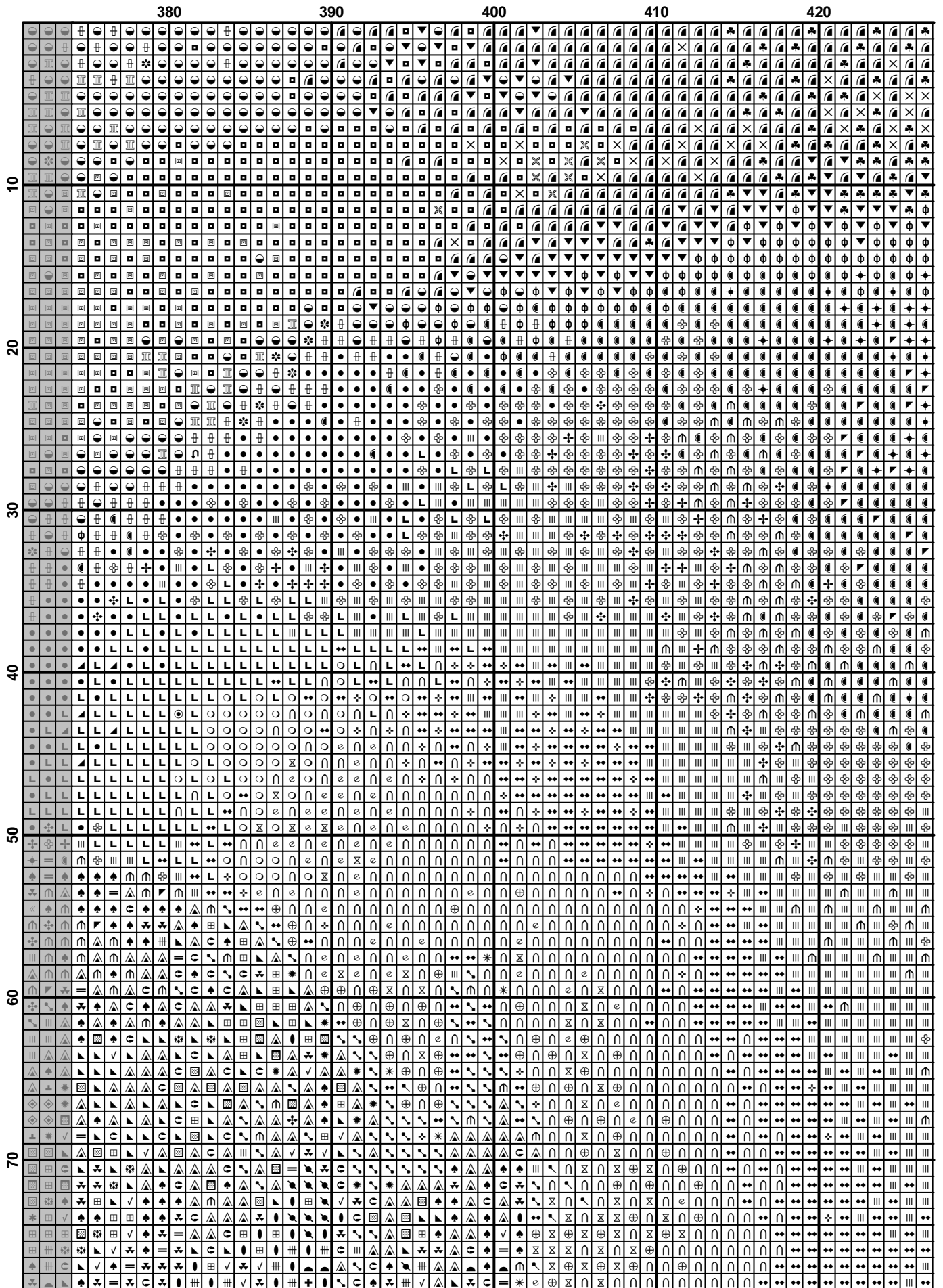
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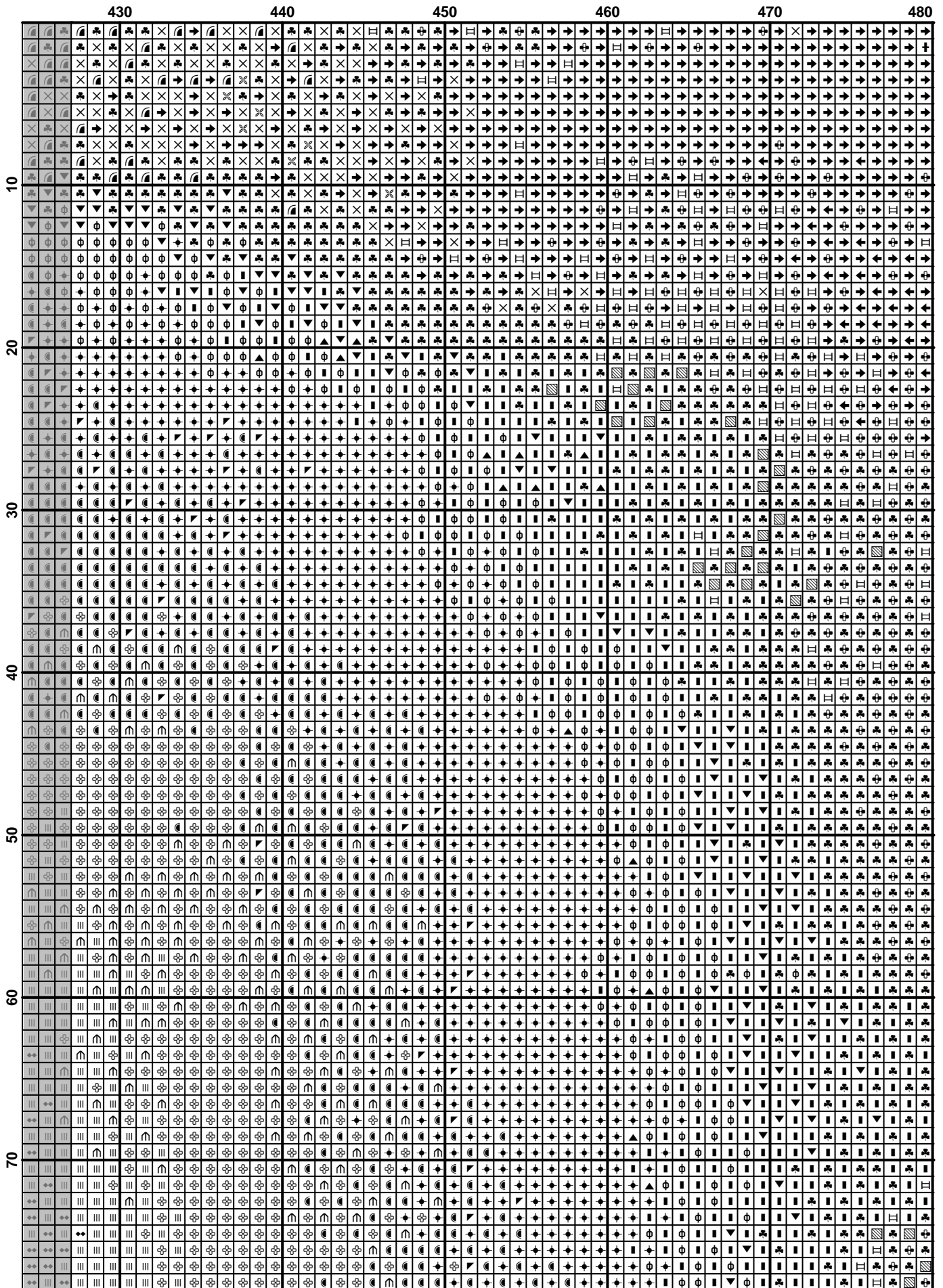


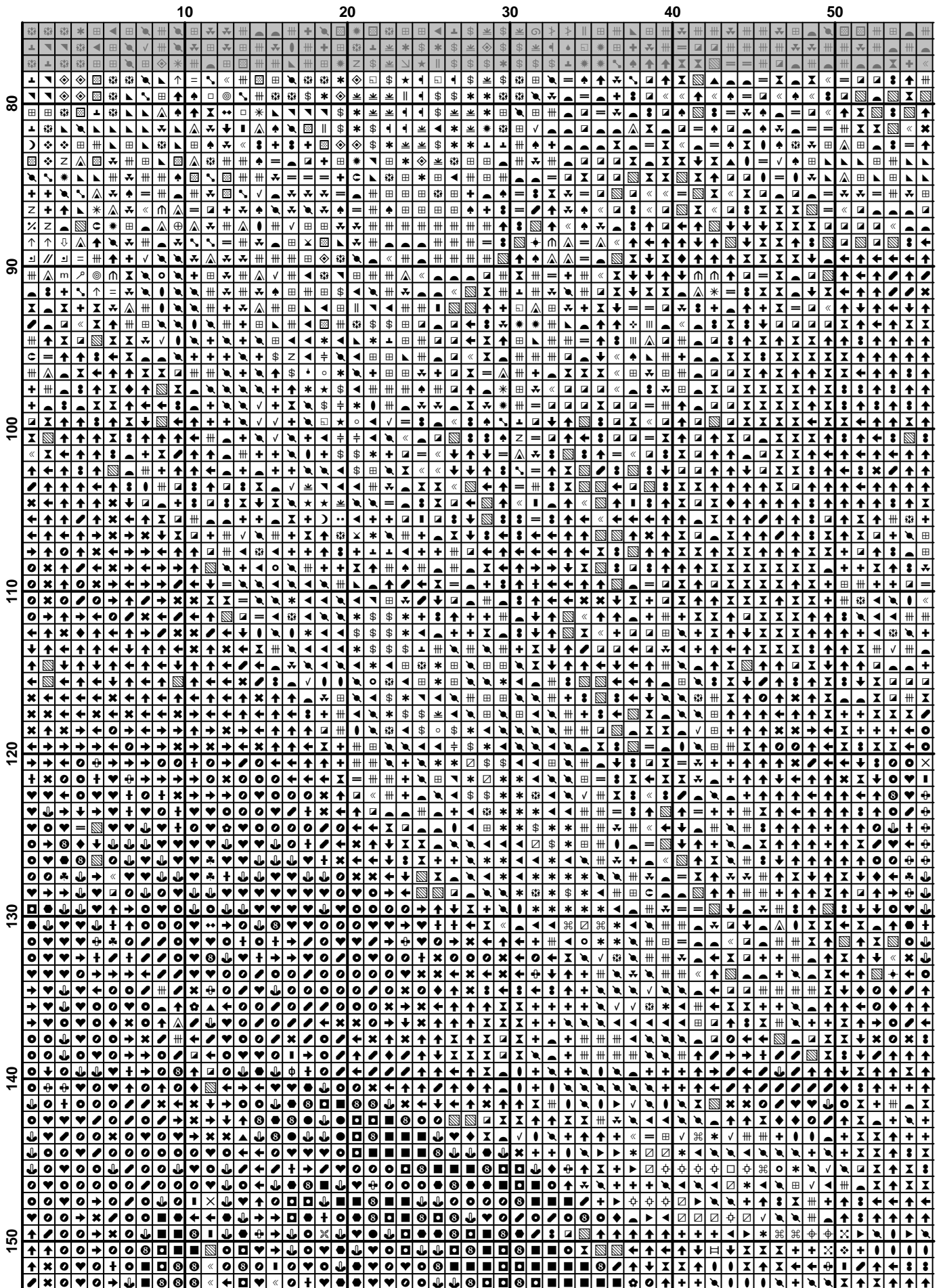


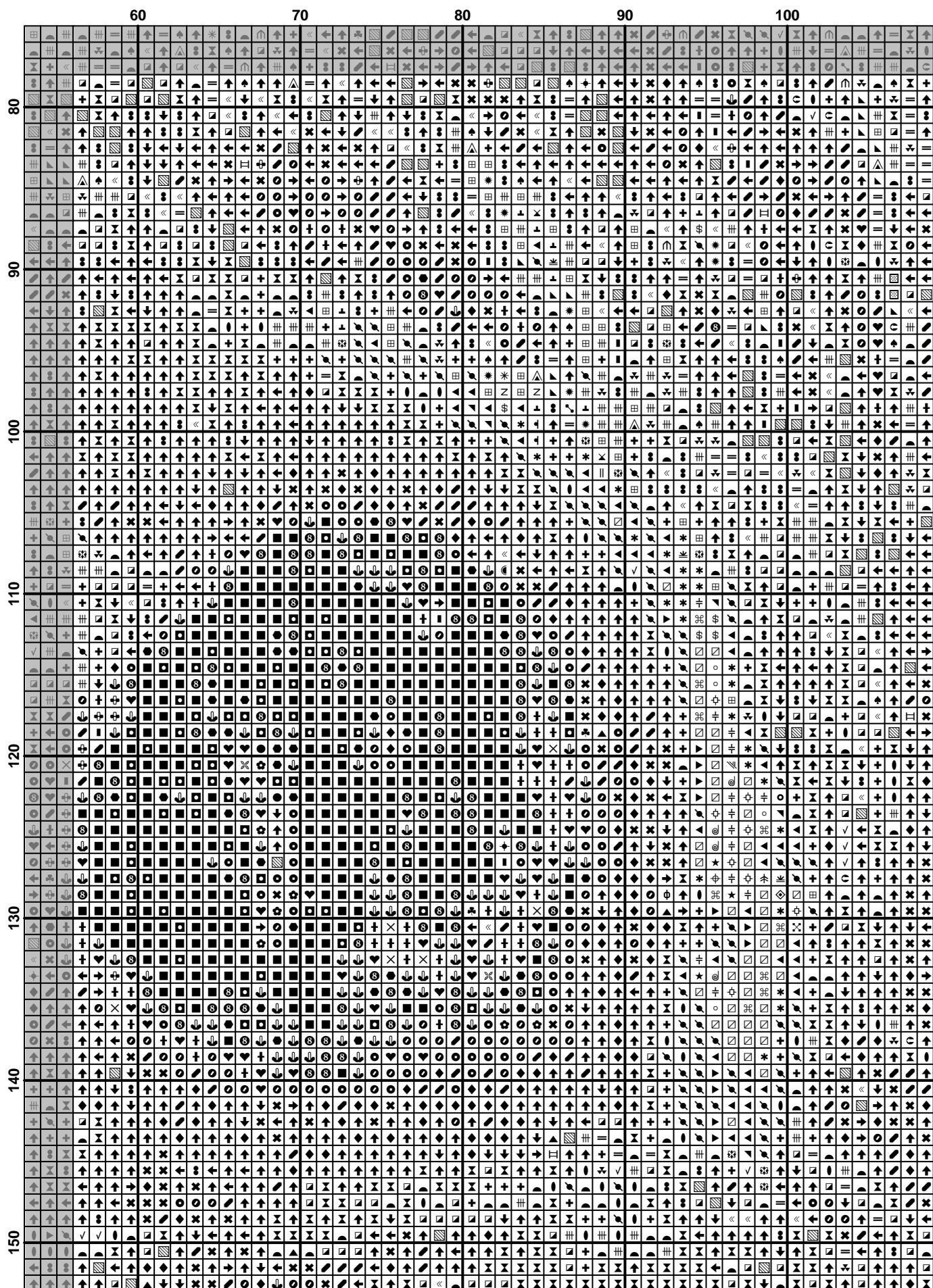


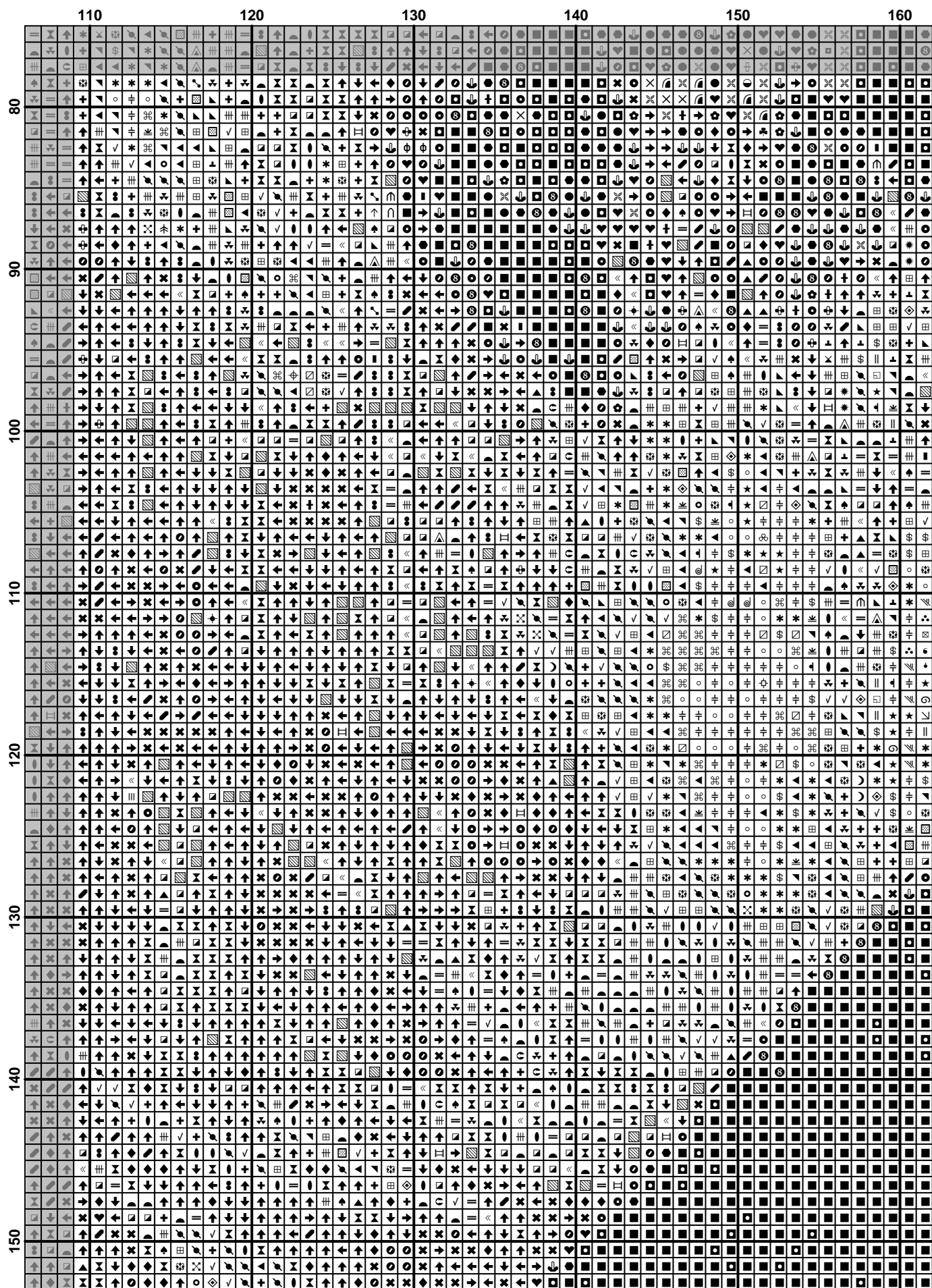


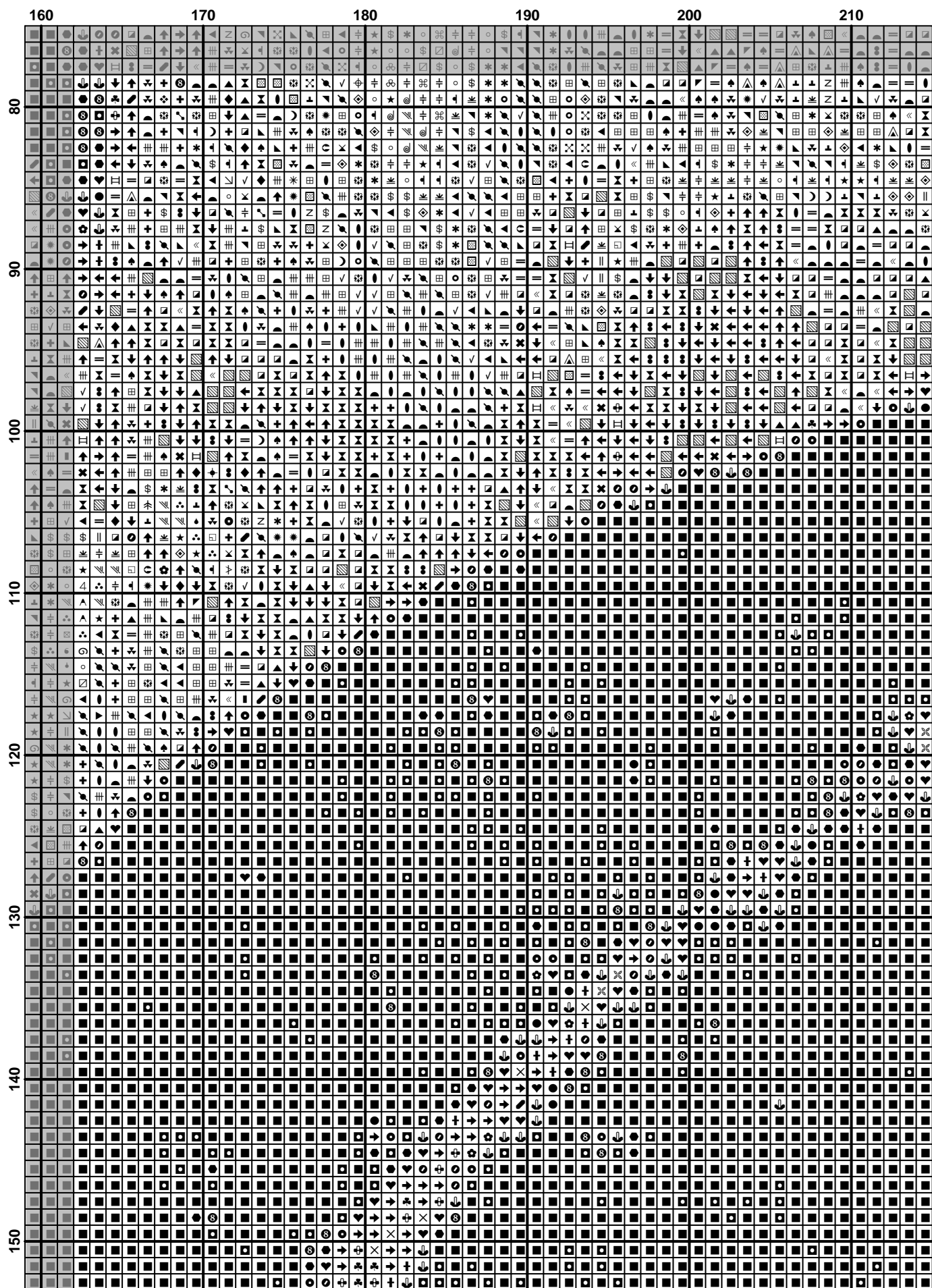


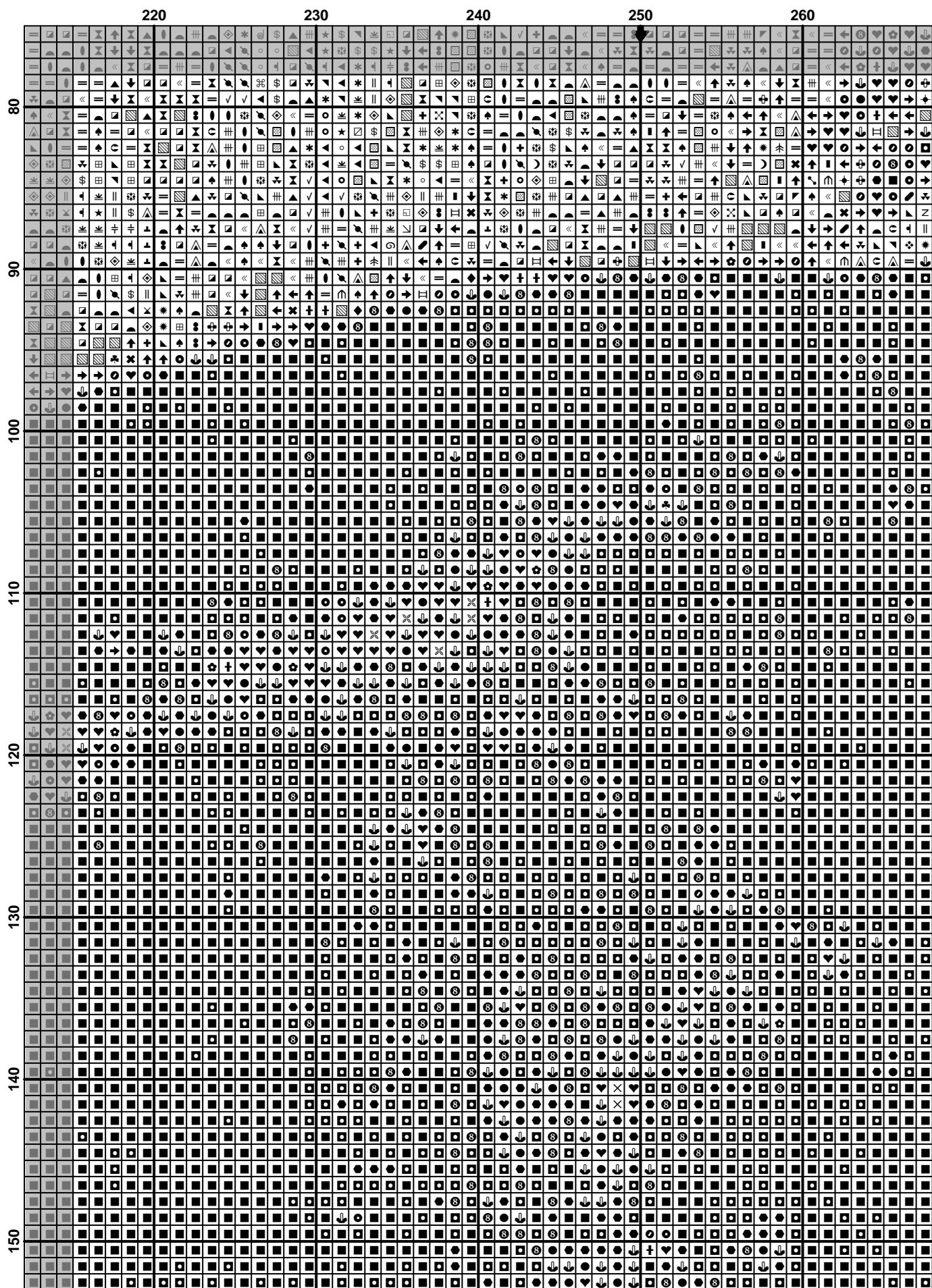


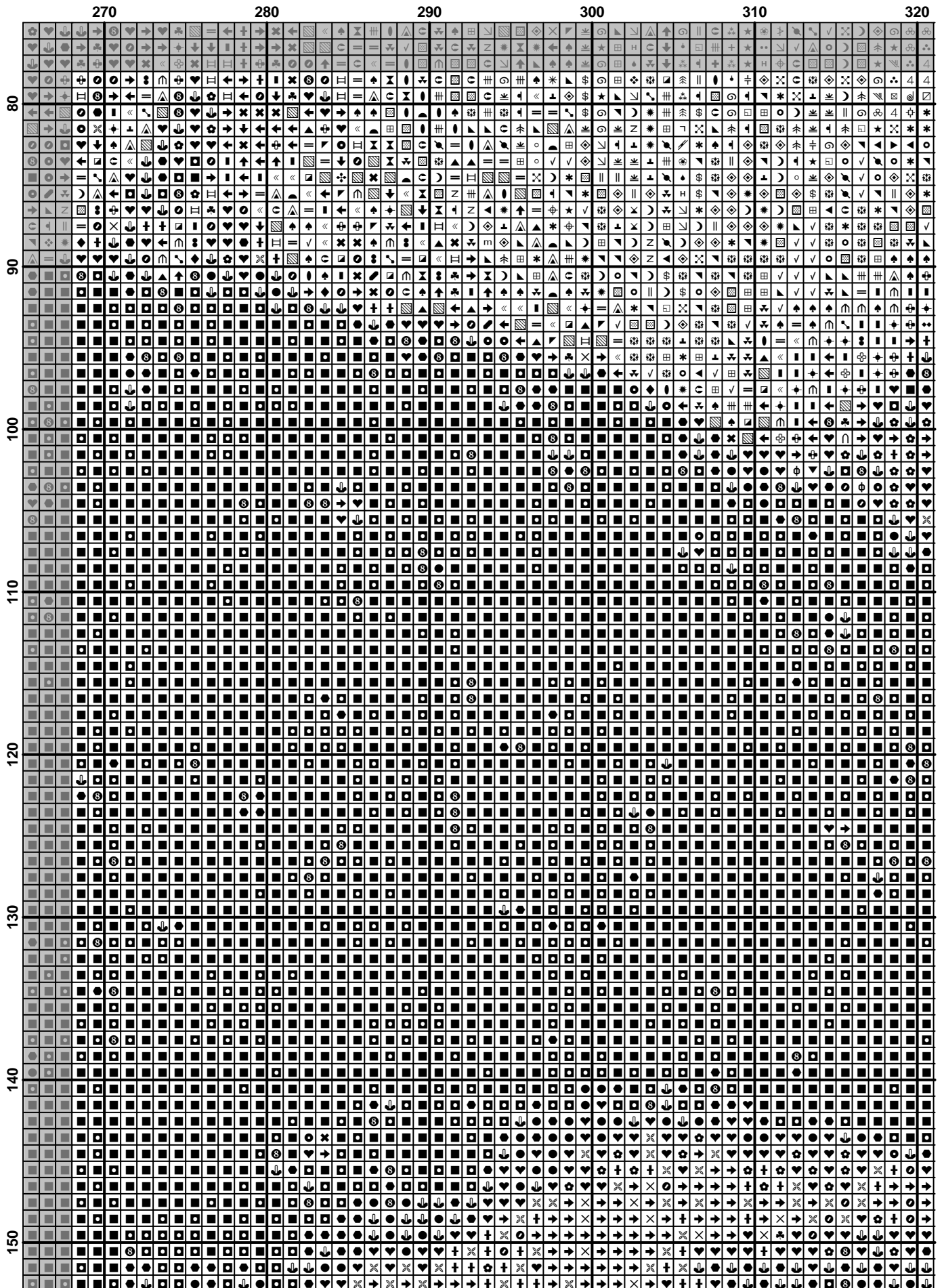


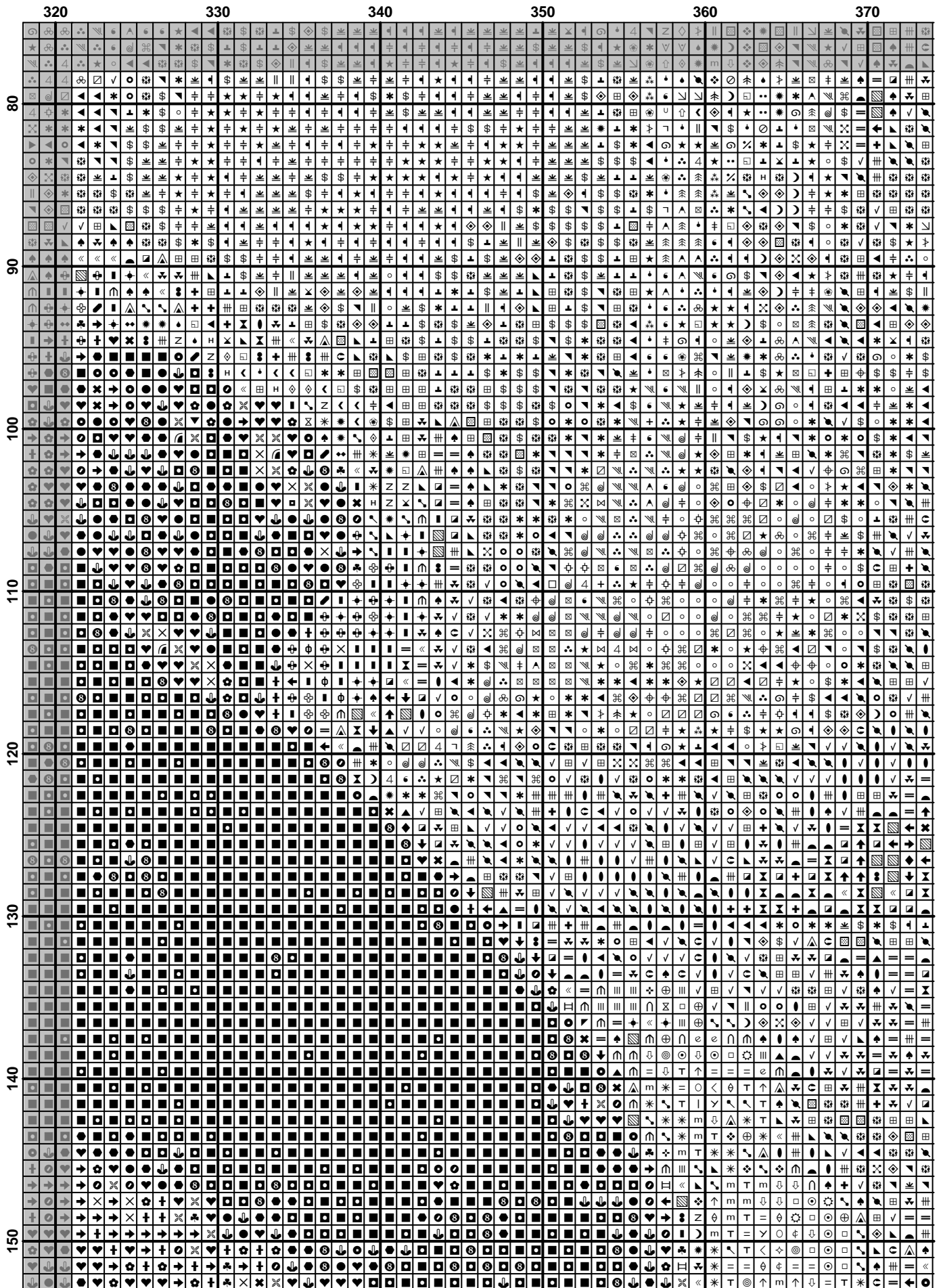


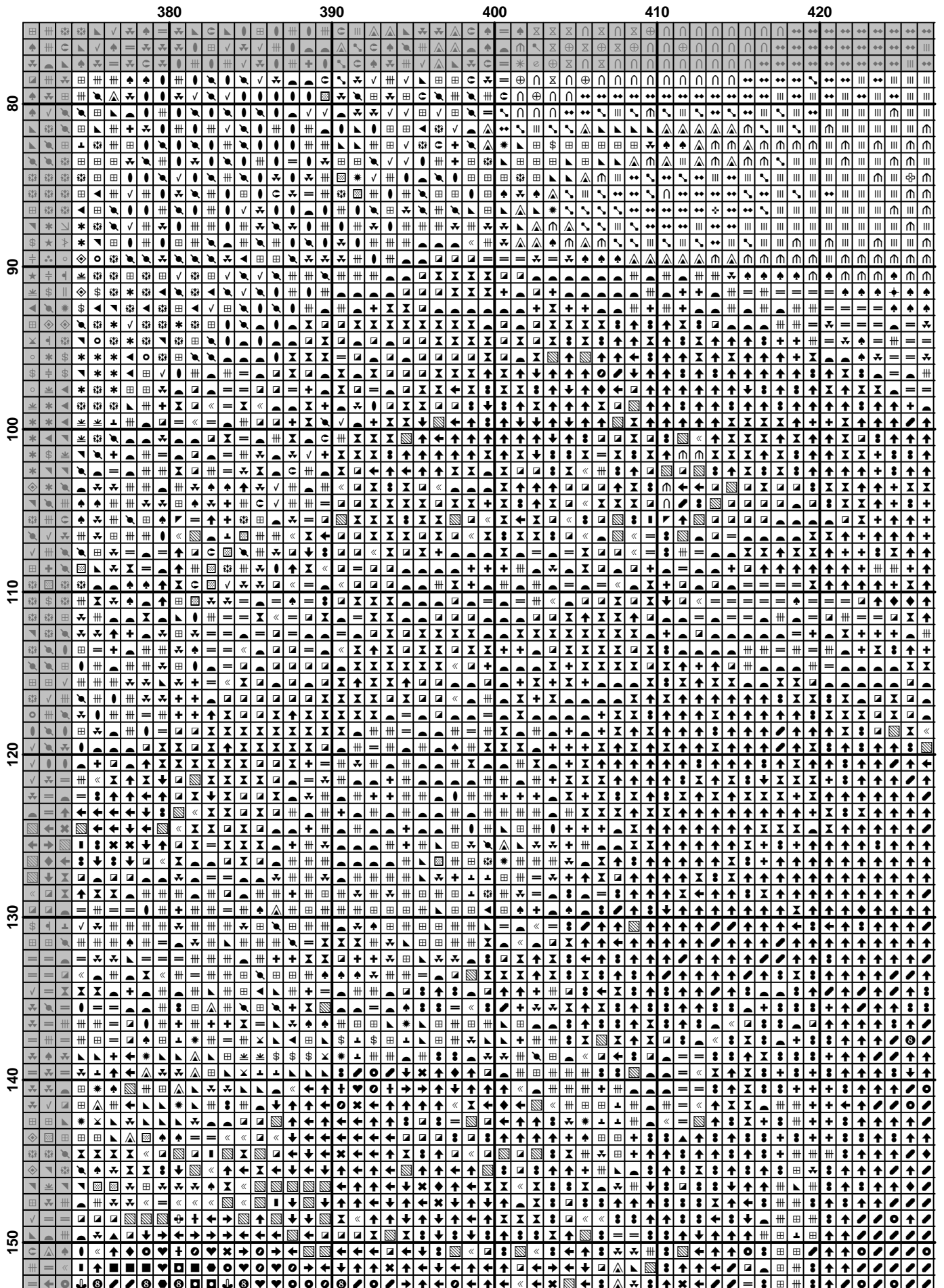


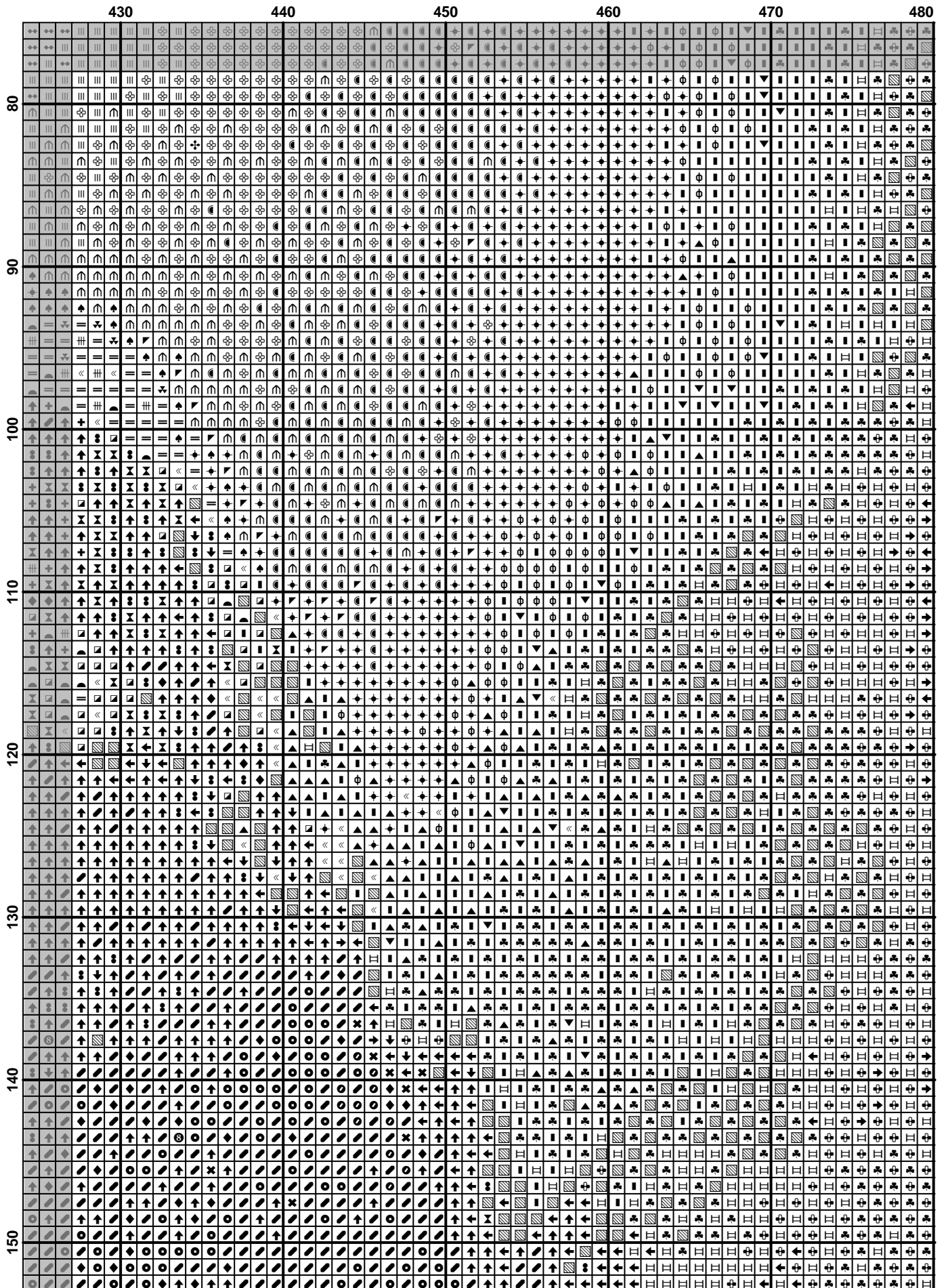


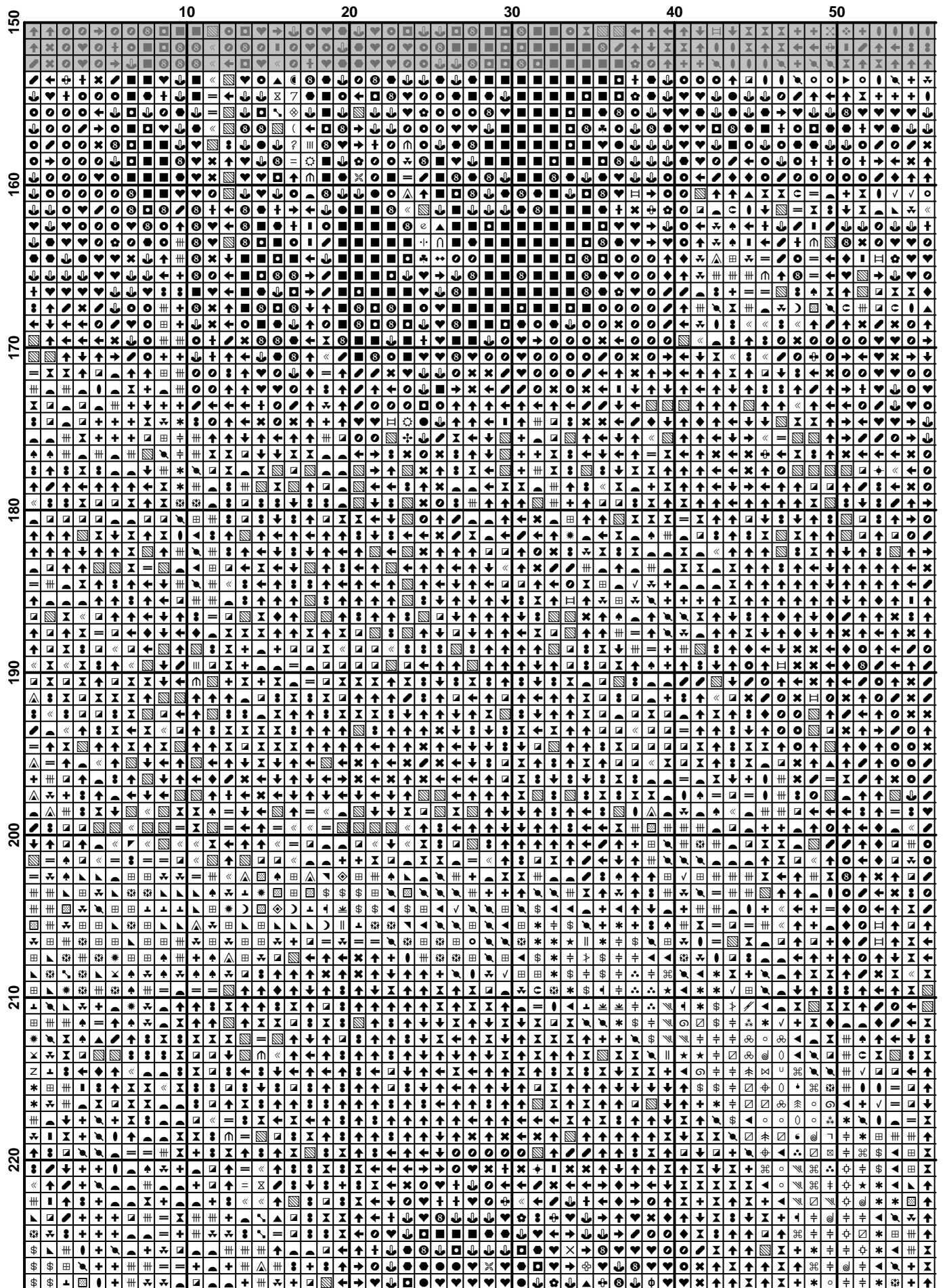


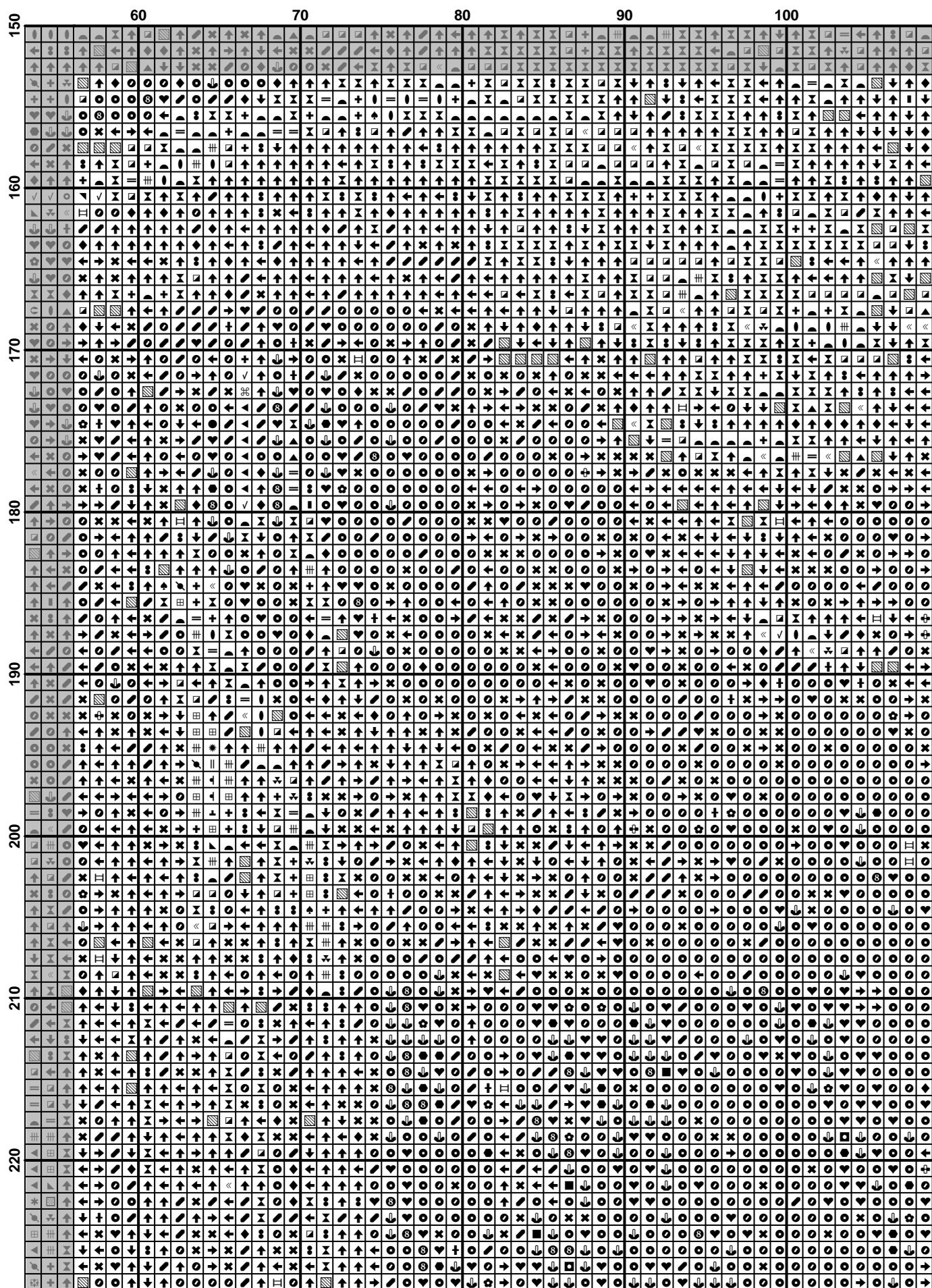


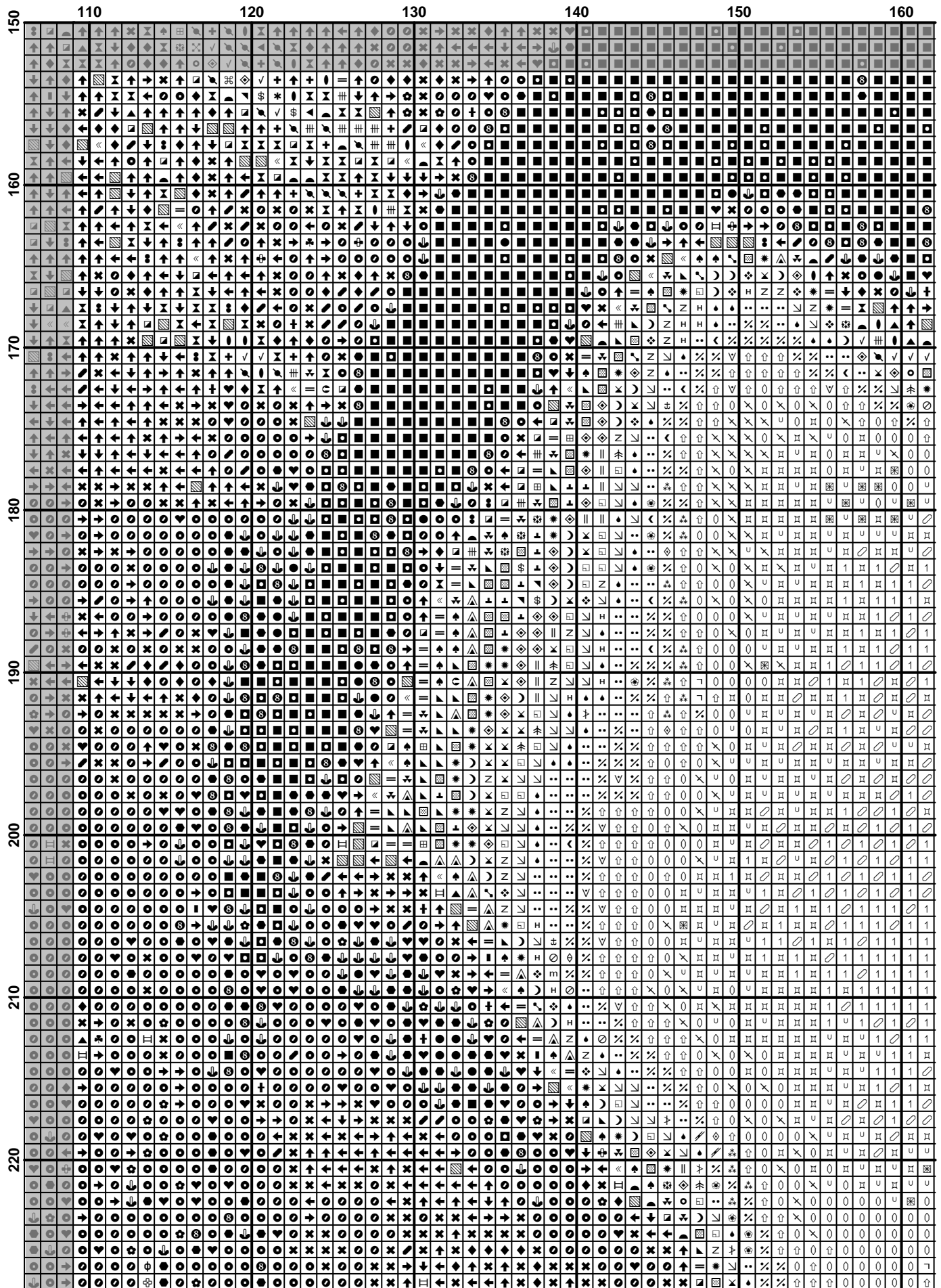




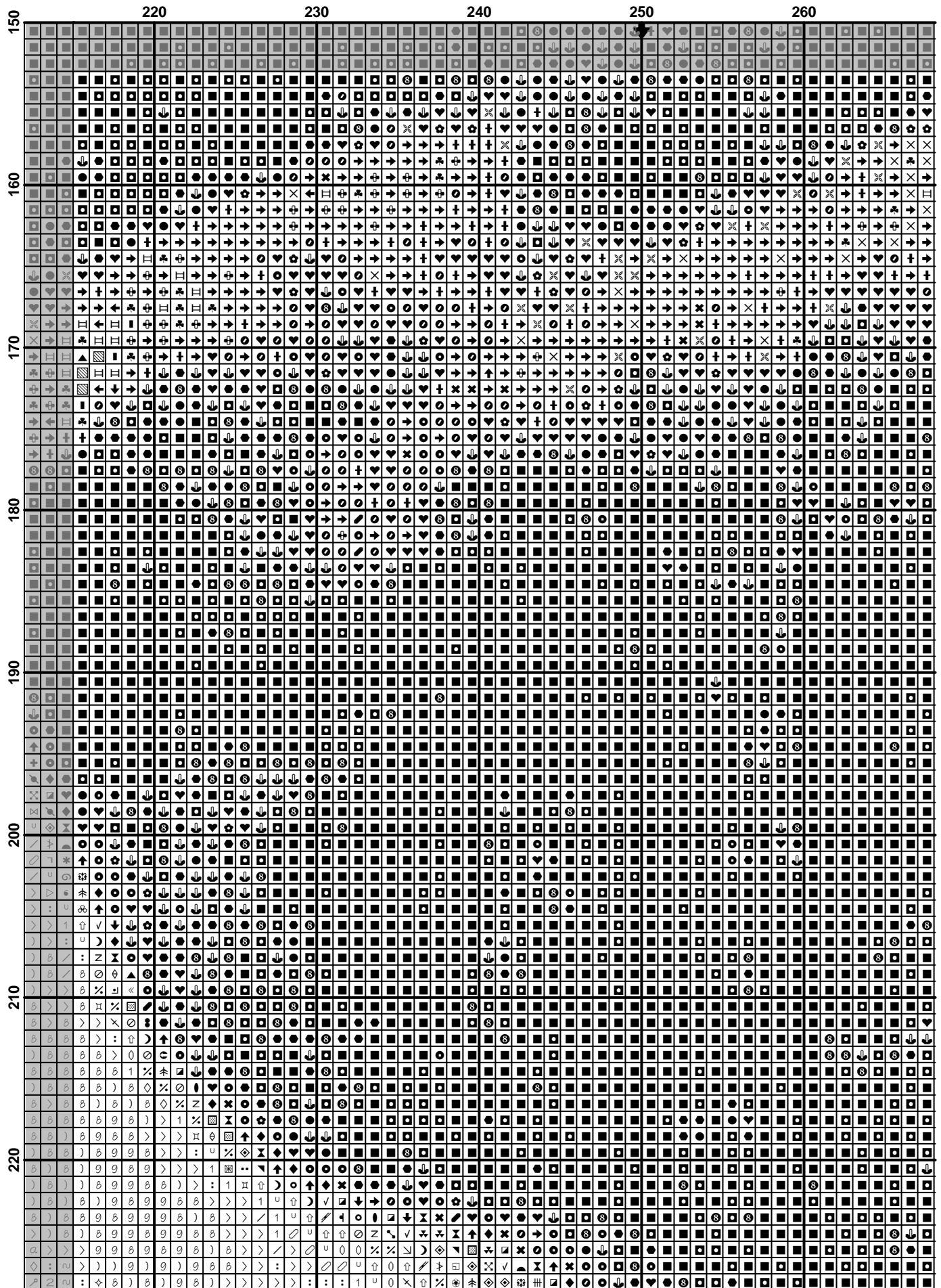


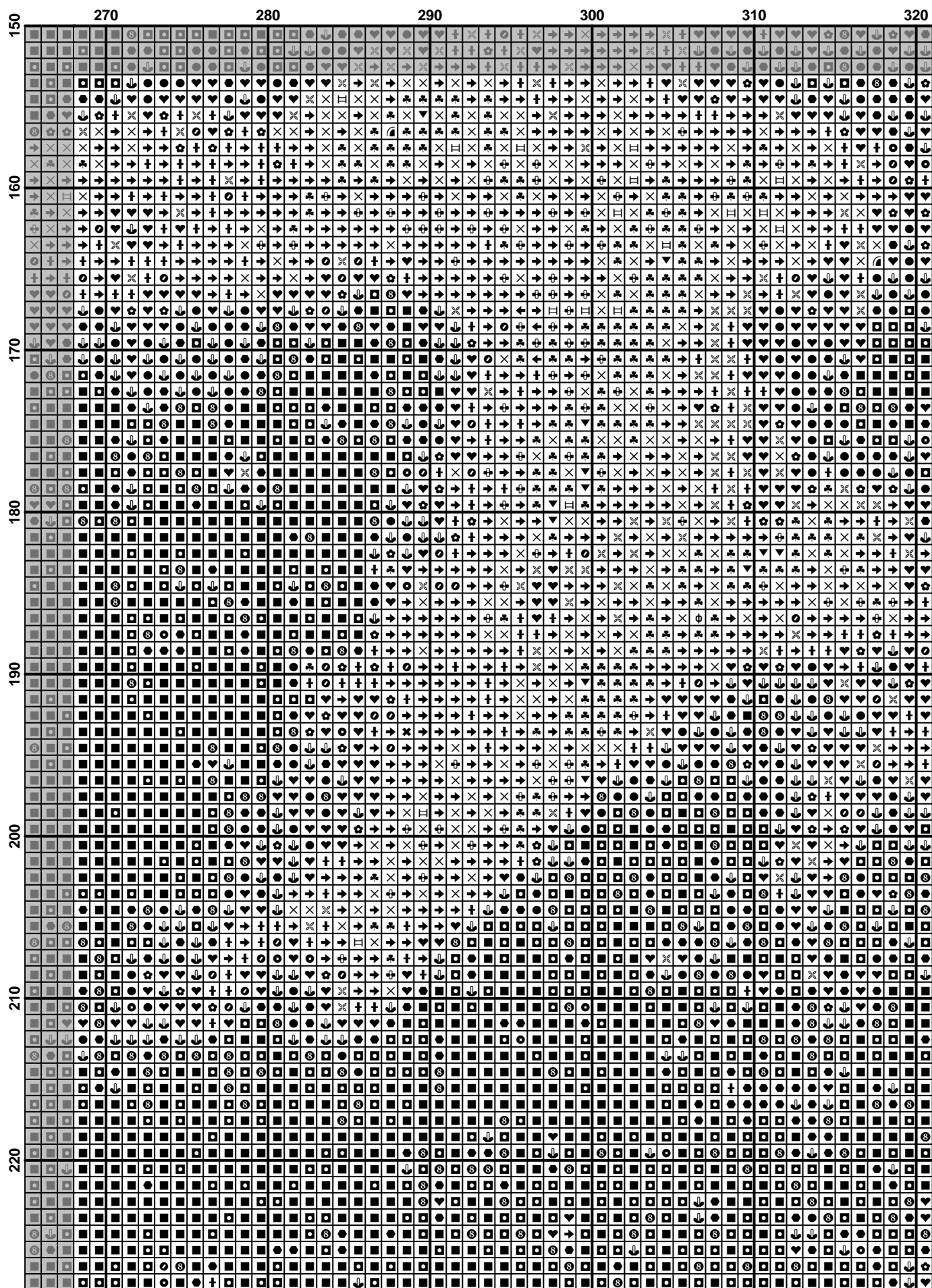




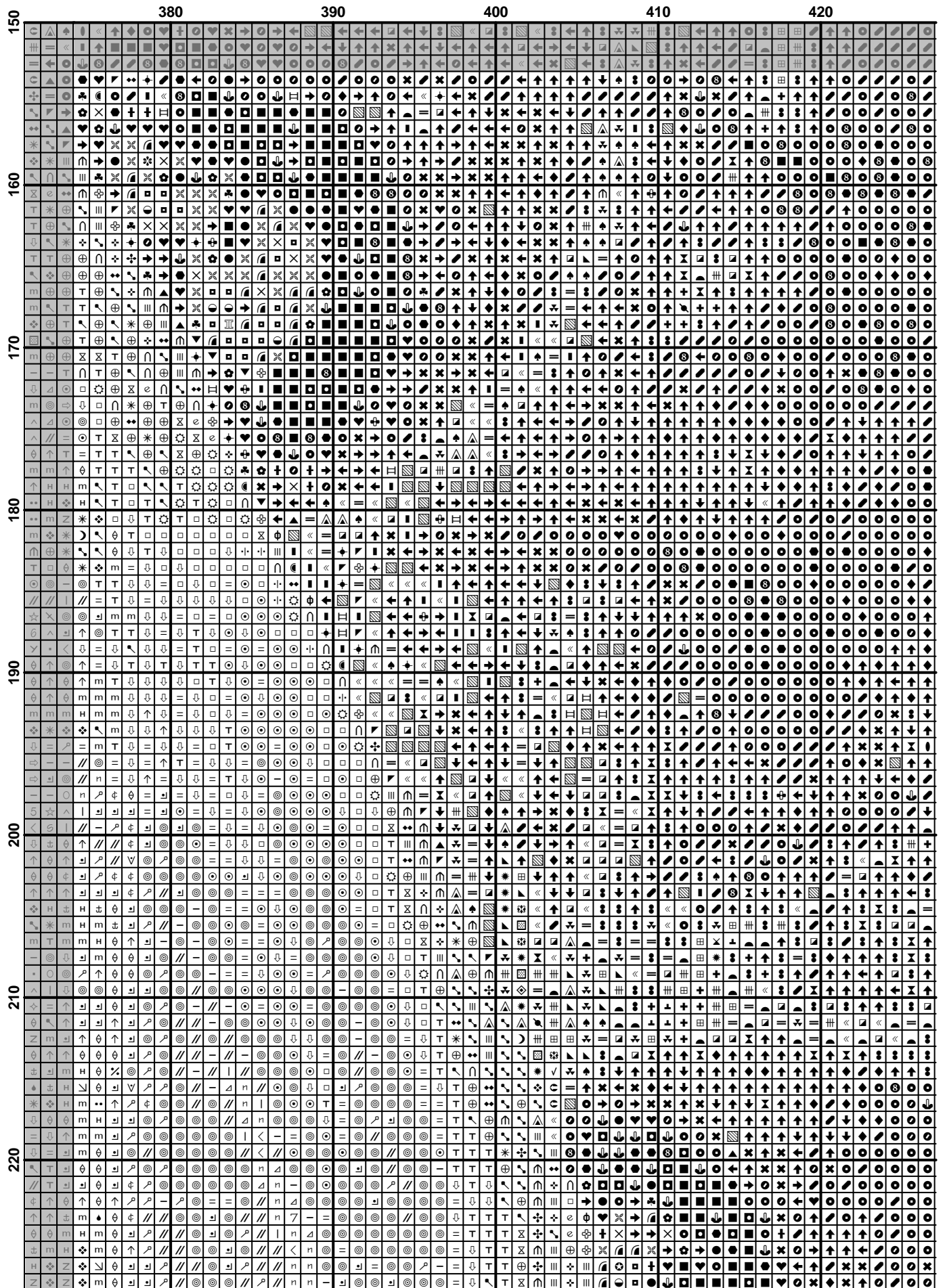


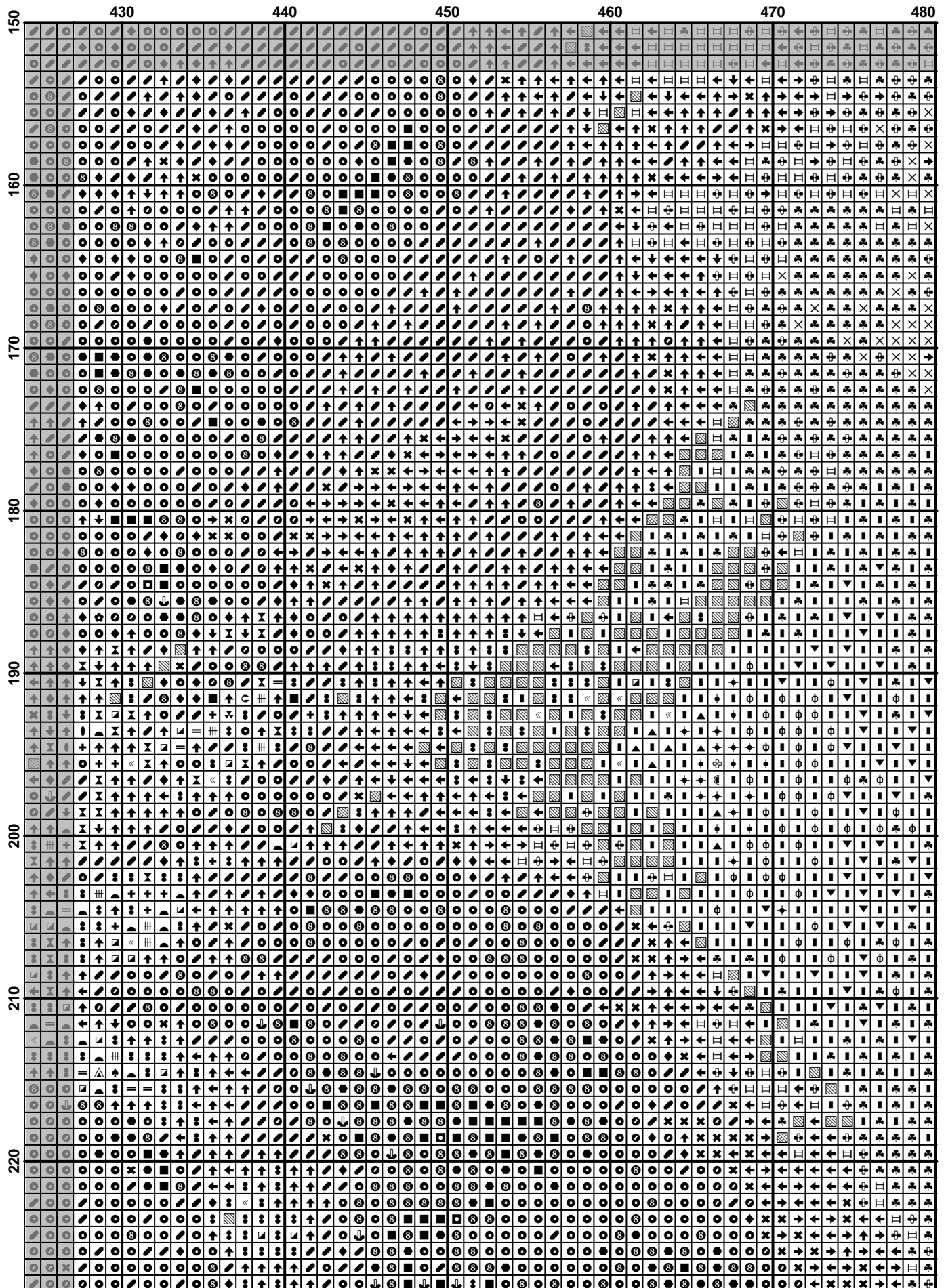
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150						
160						
170						
180						
190						
200						
210						
220						

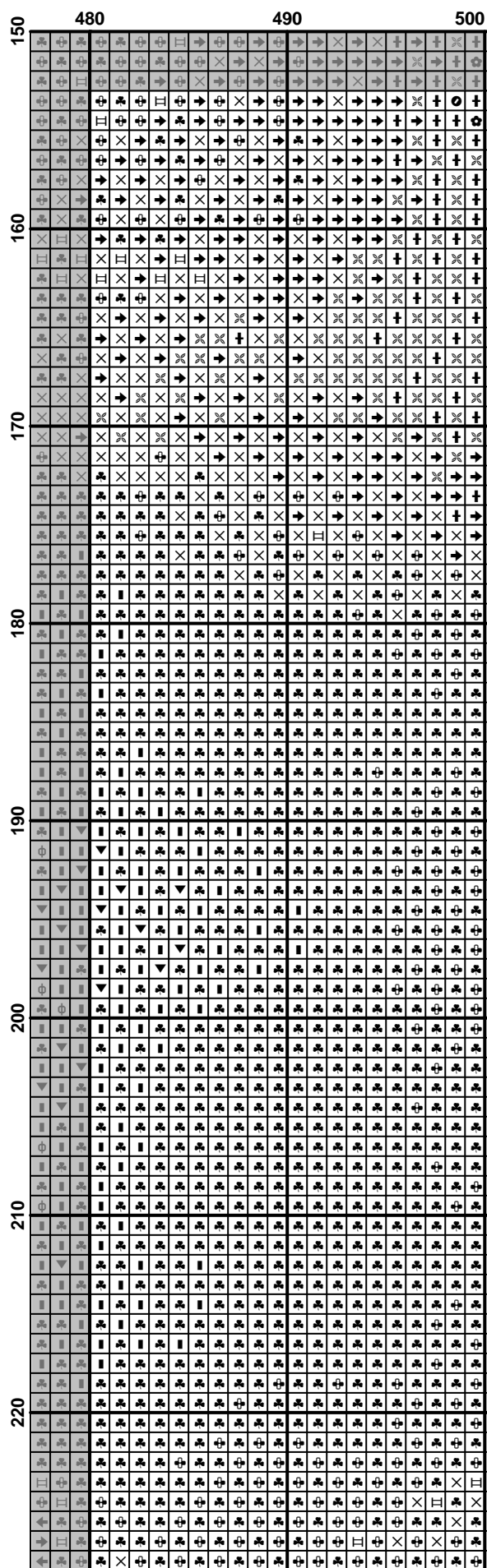




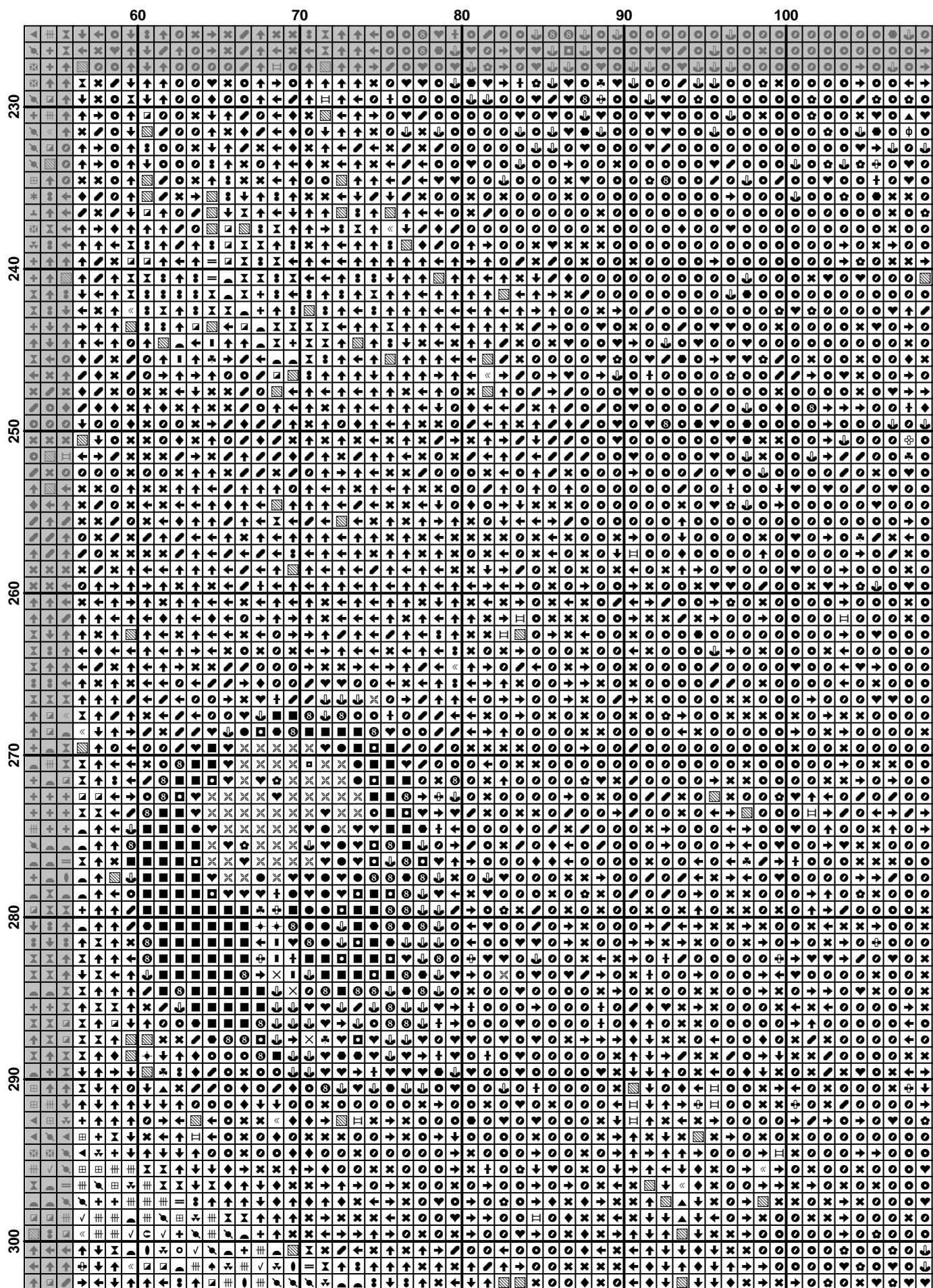
	320	330	340	350	360	370
150						
160						
170						
180						
190						
200						
210						
220						







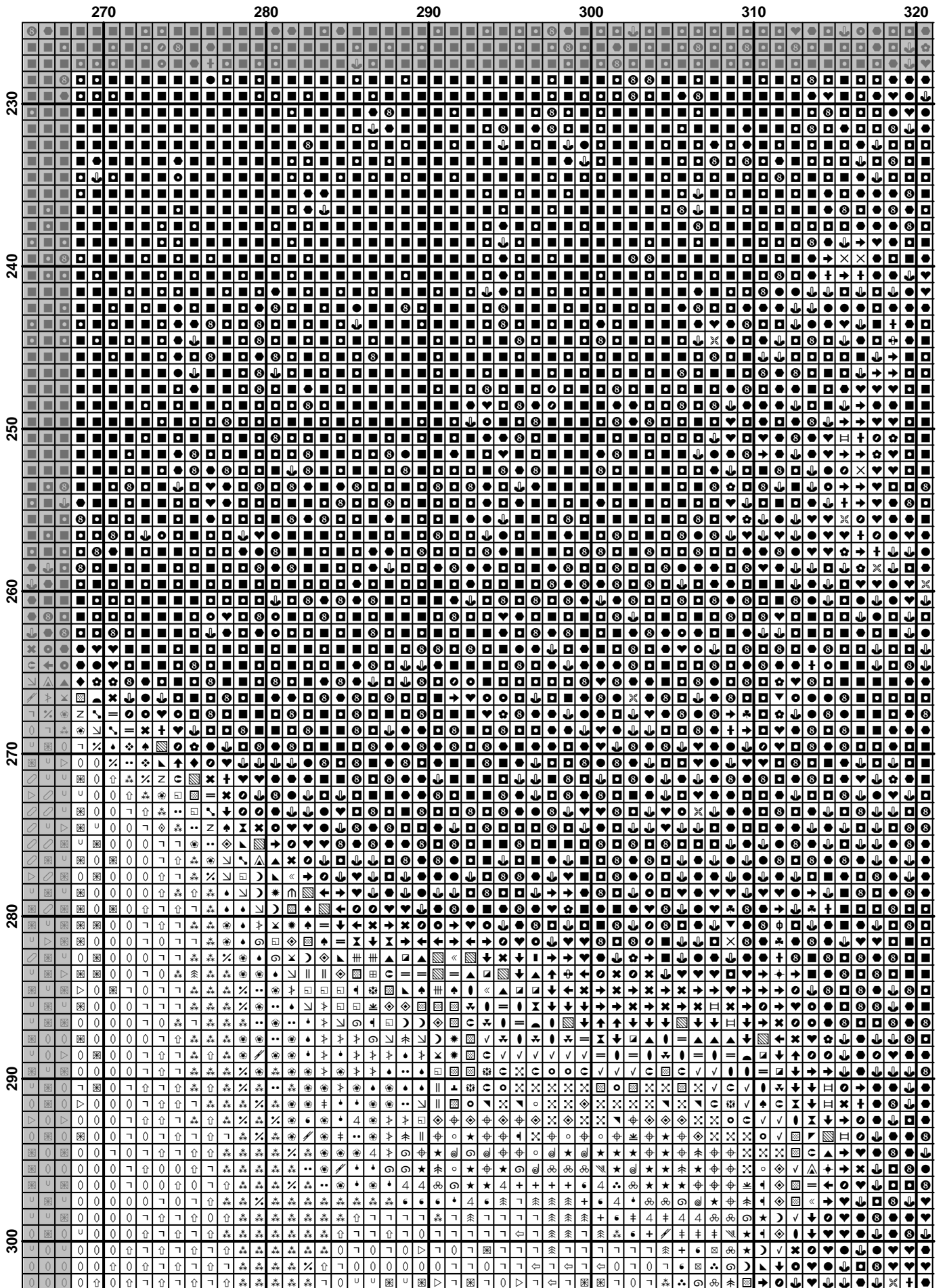
	10	20	30	40	50
230
240
250
260
270
280
290
300

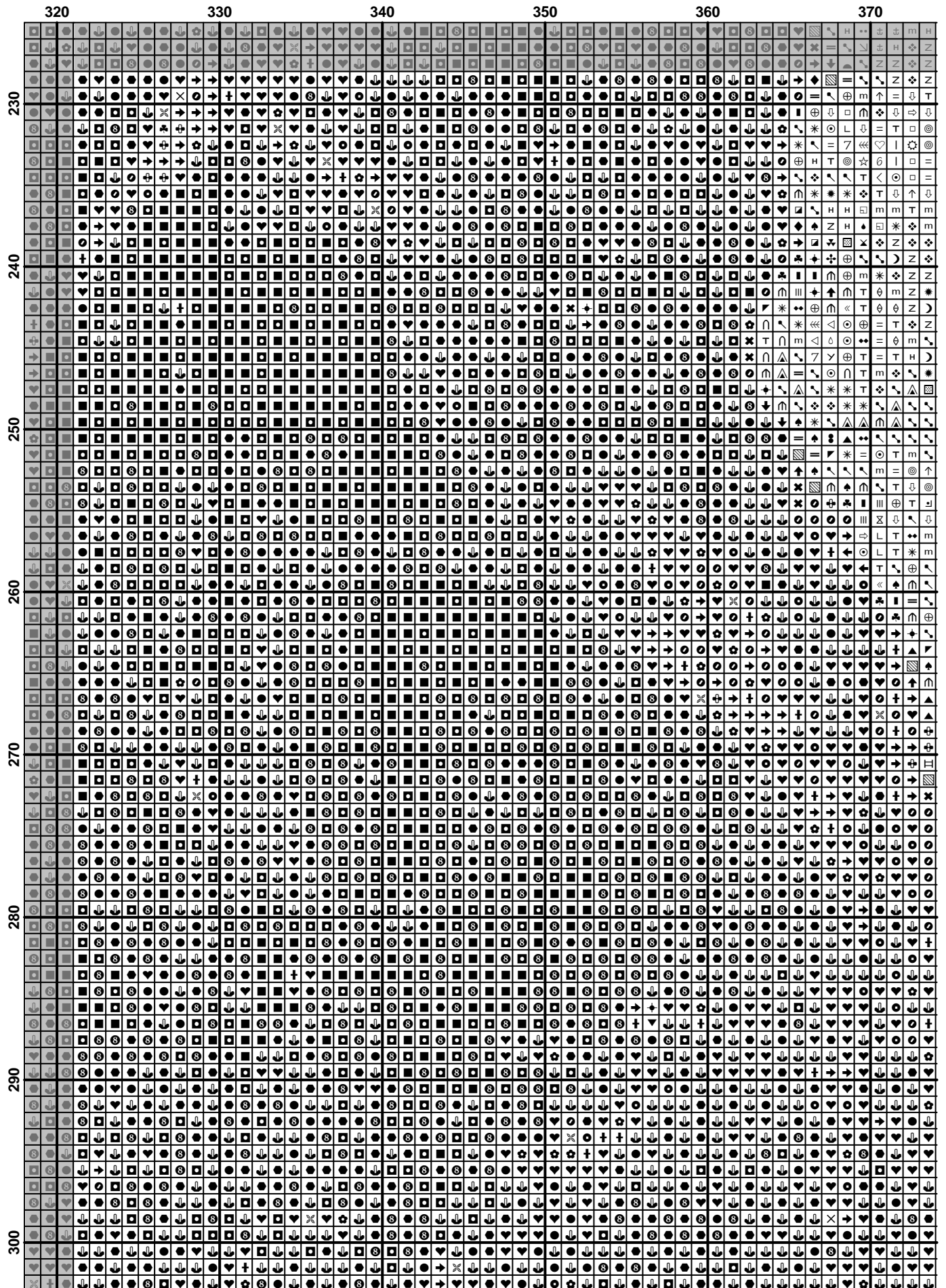


	110	120	130	140	150	160
230
240
250
260
270
280
290
300

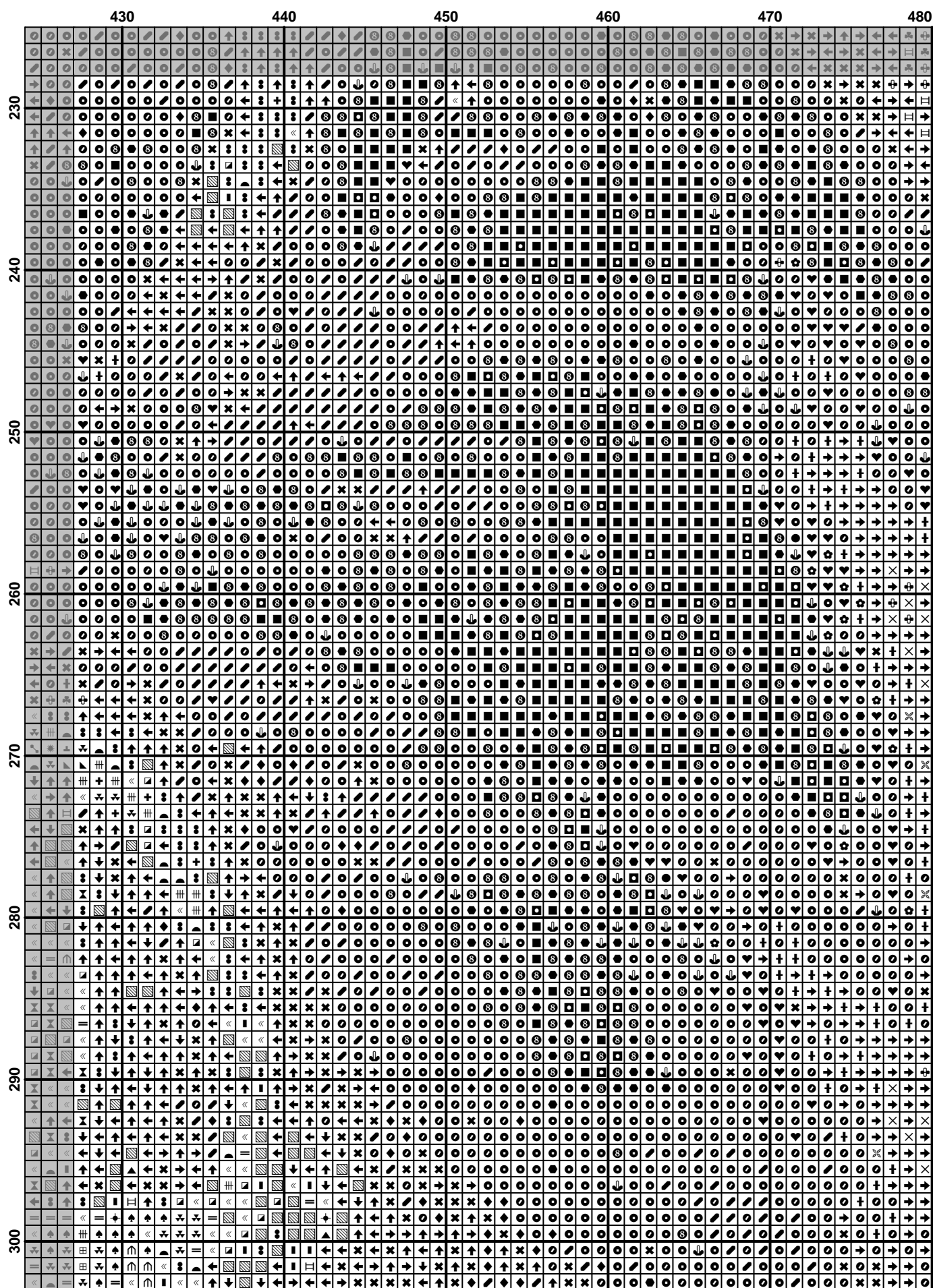
[illegible]

	220	230	240	250	260
230
240
250
260
270
280
290
300



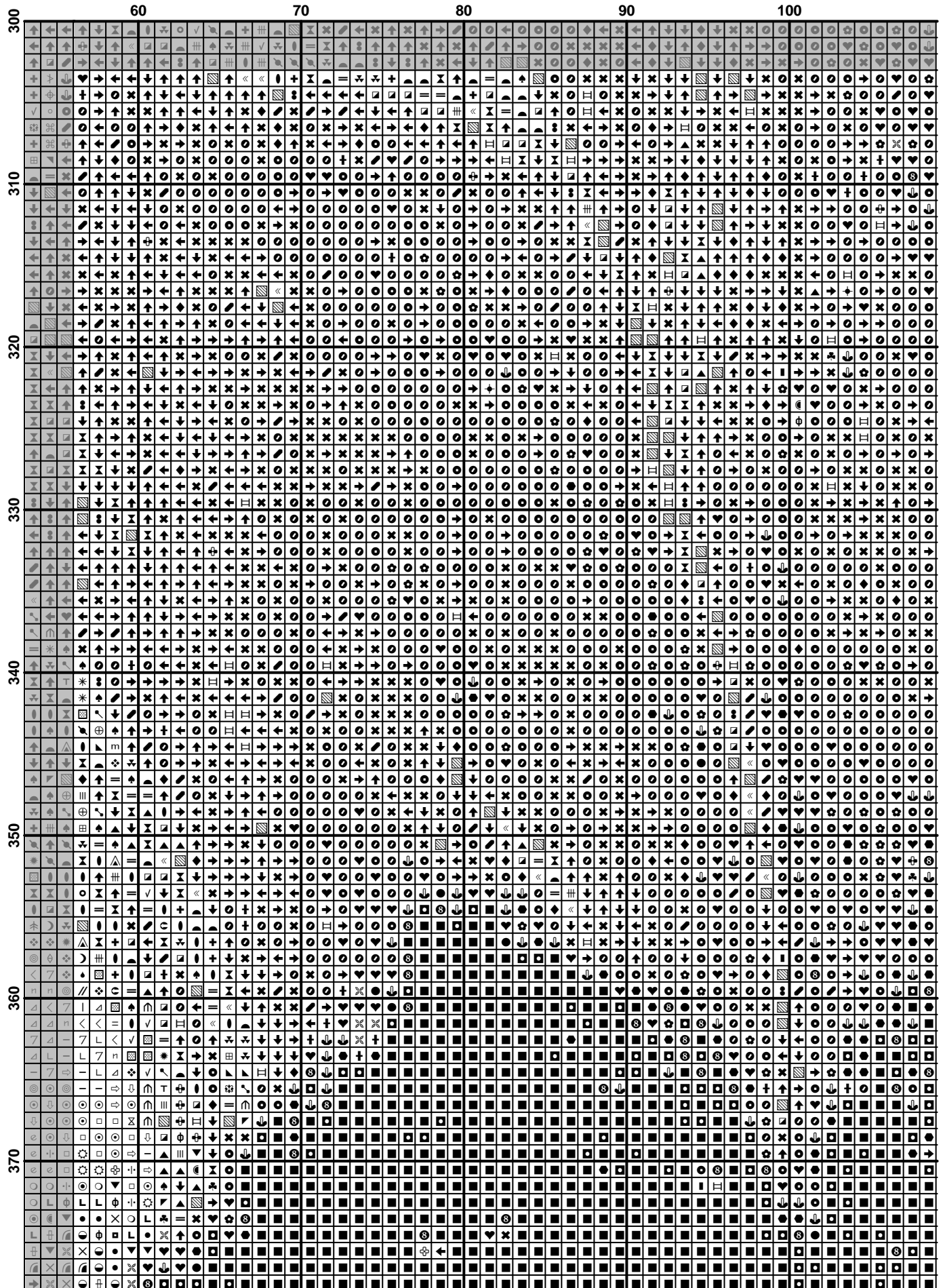


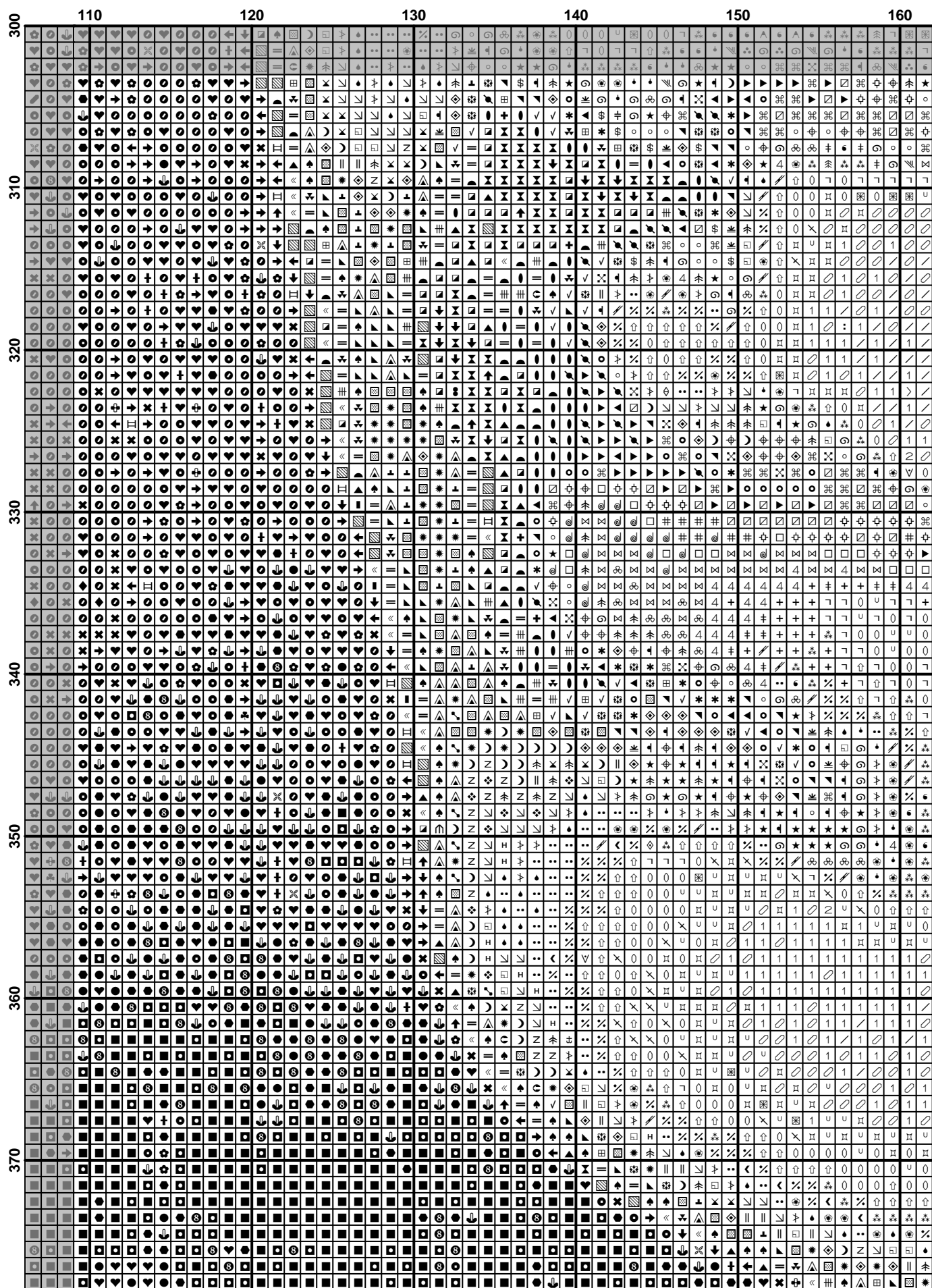
[illegible]



(50)

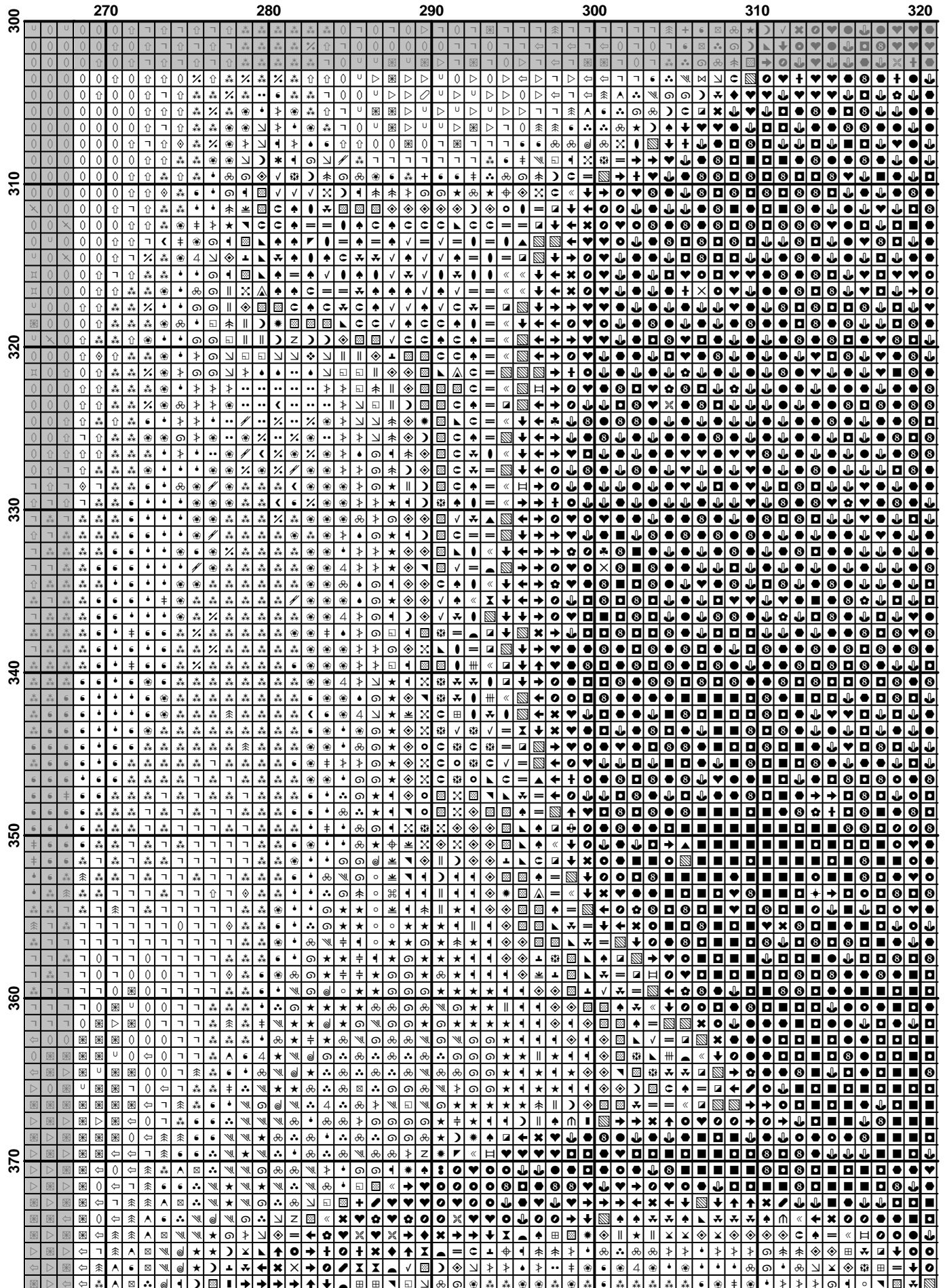
	10	20	30	40	50
300					
310					
320					
330					
340					
350					
360					
370					

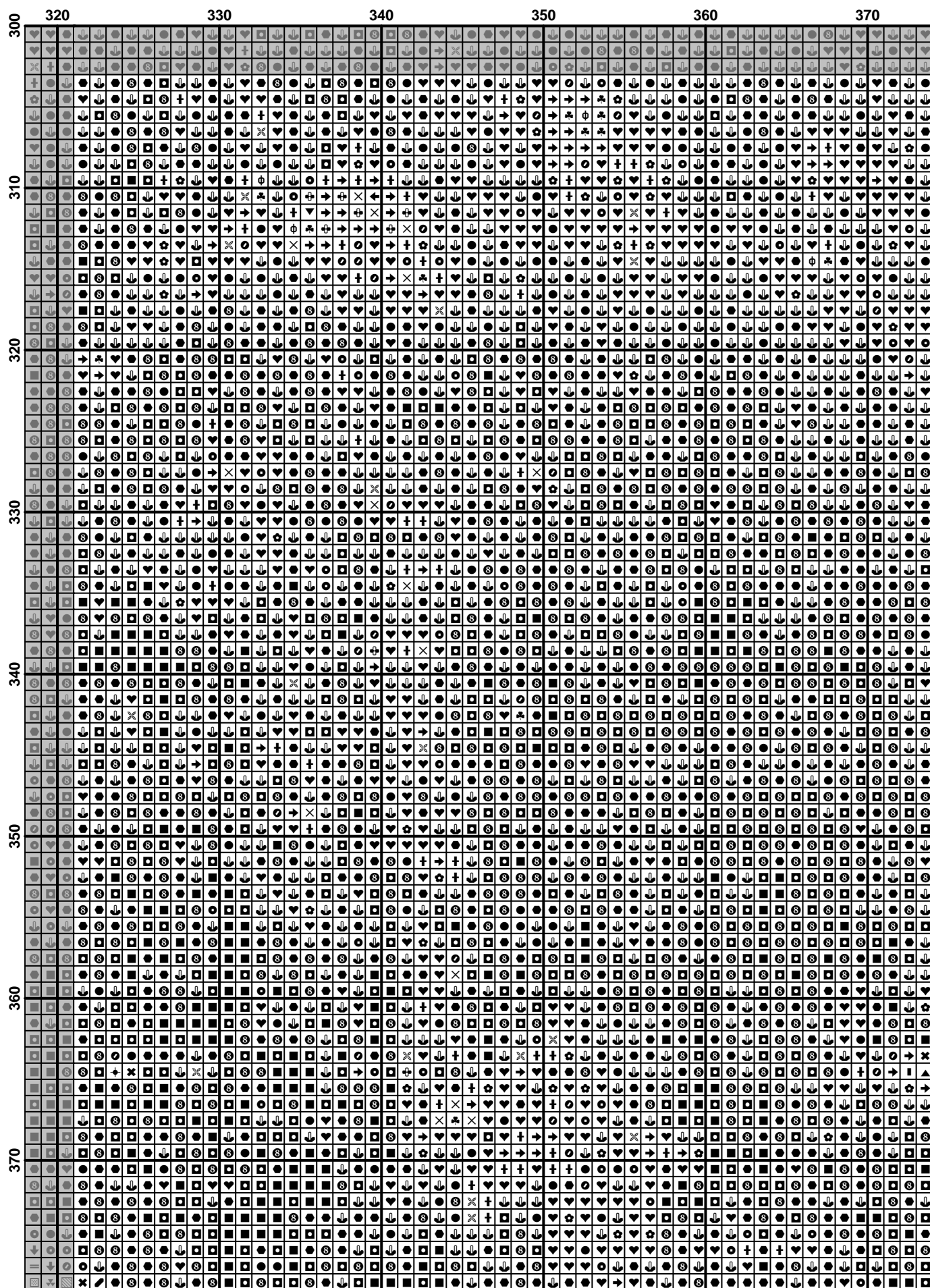




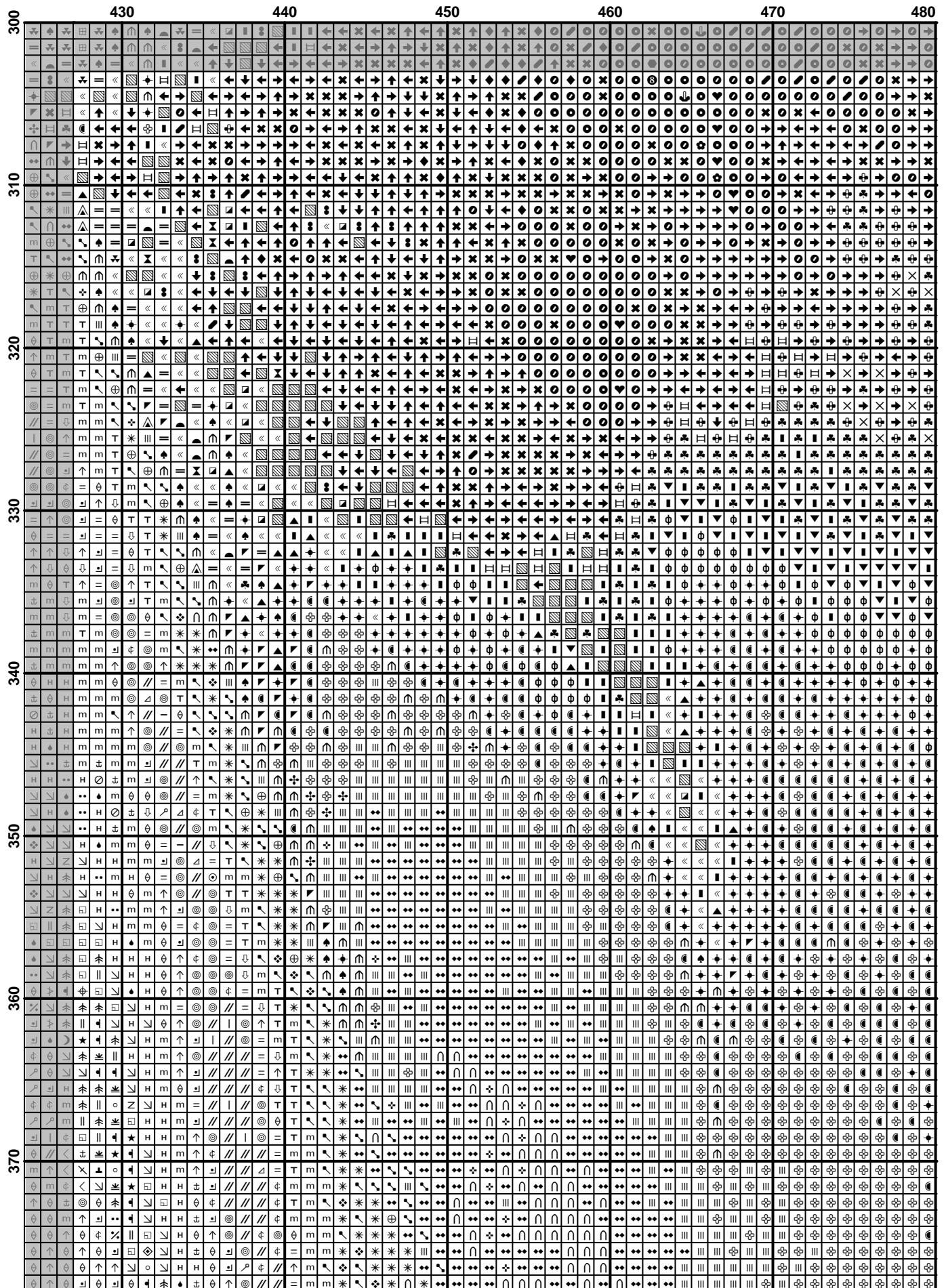
	160	170	180	190	200	210
300						
310						
320						
330						
340						
350						
360						
370						

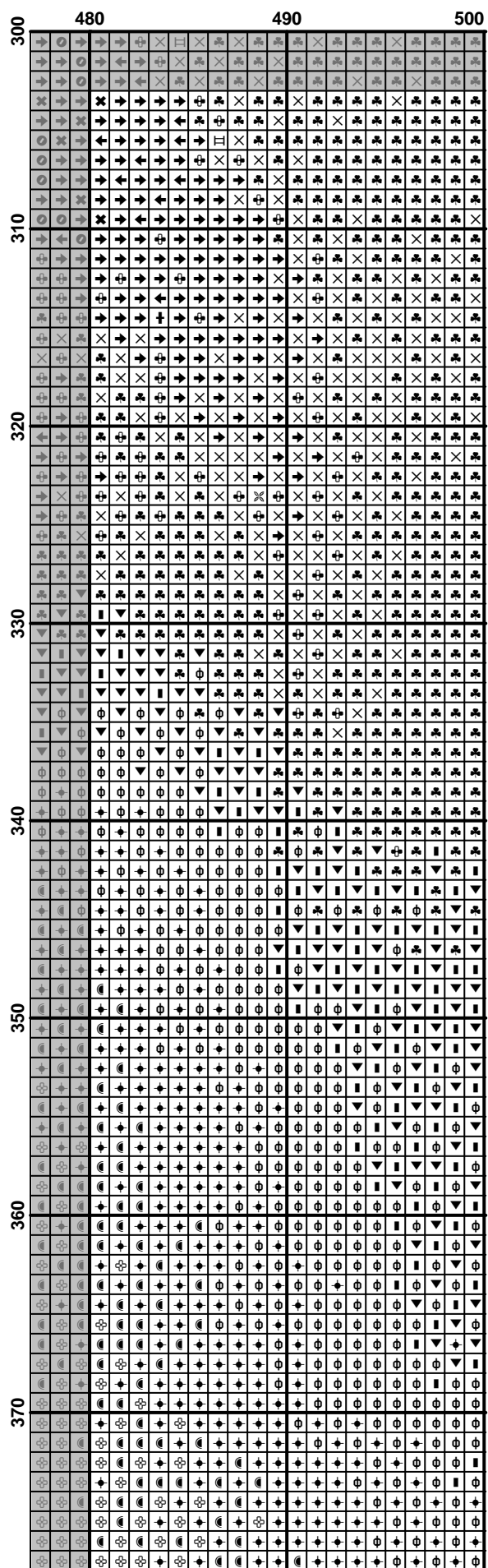
$$(55) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$



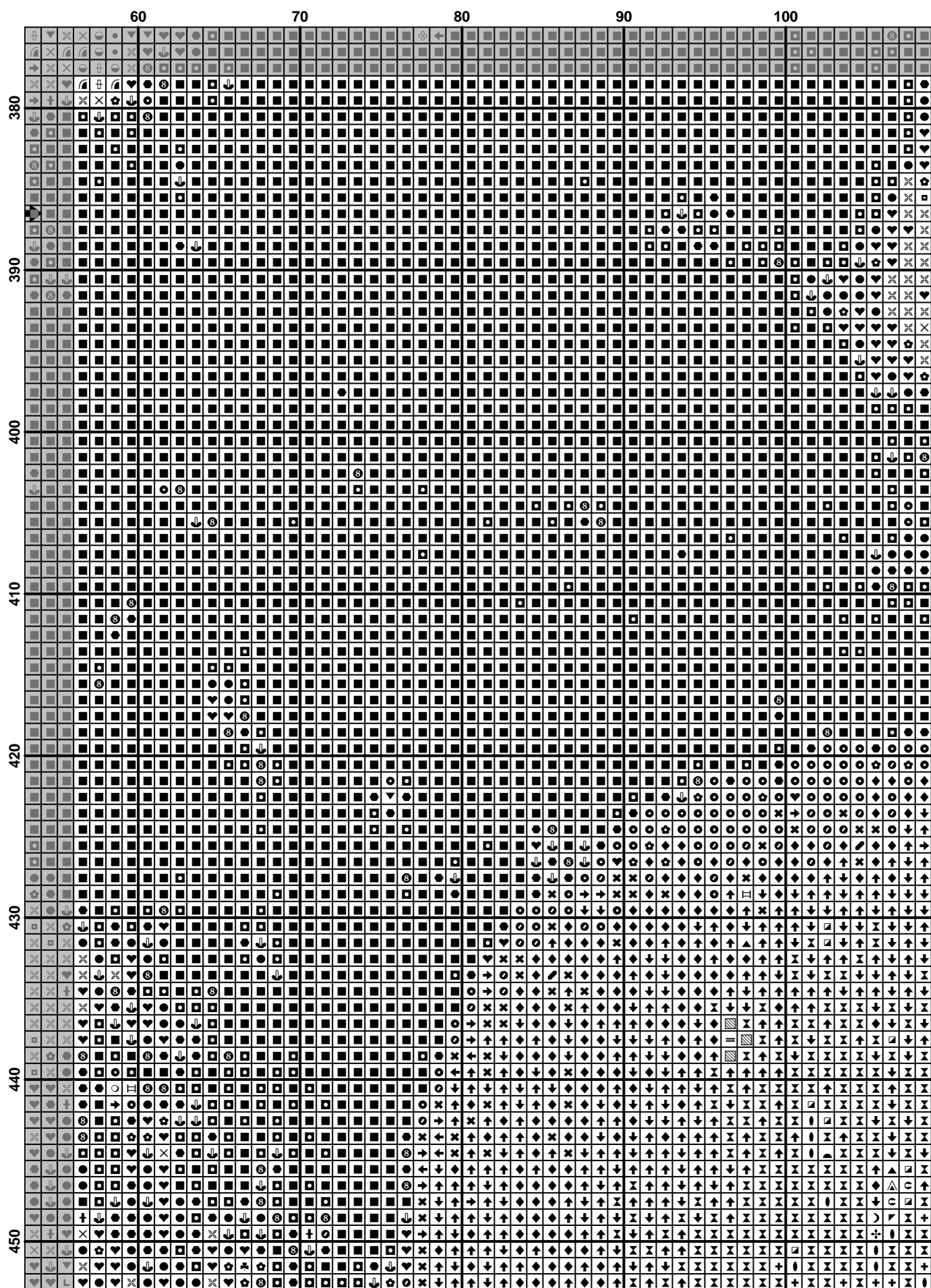


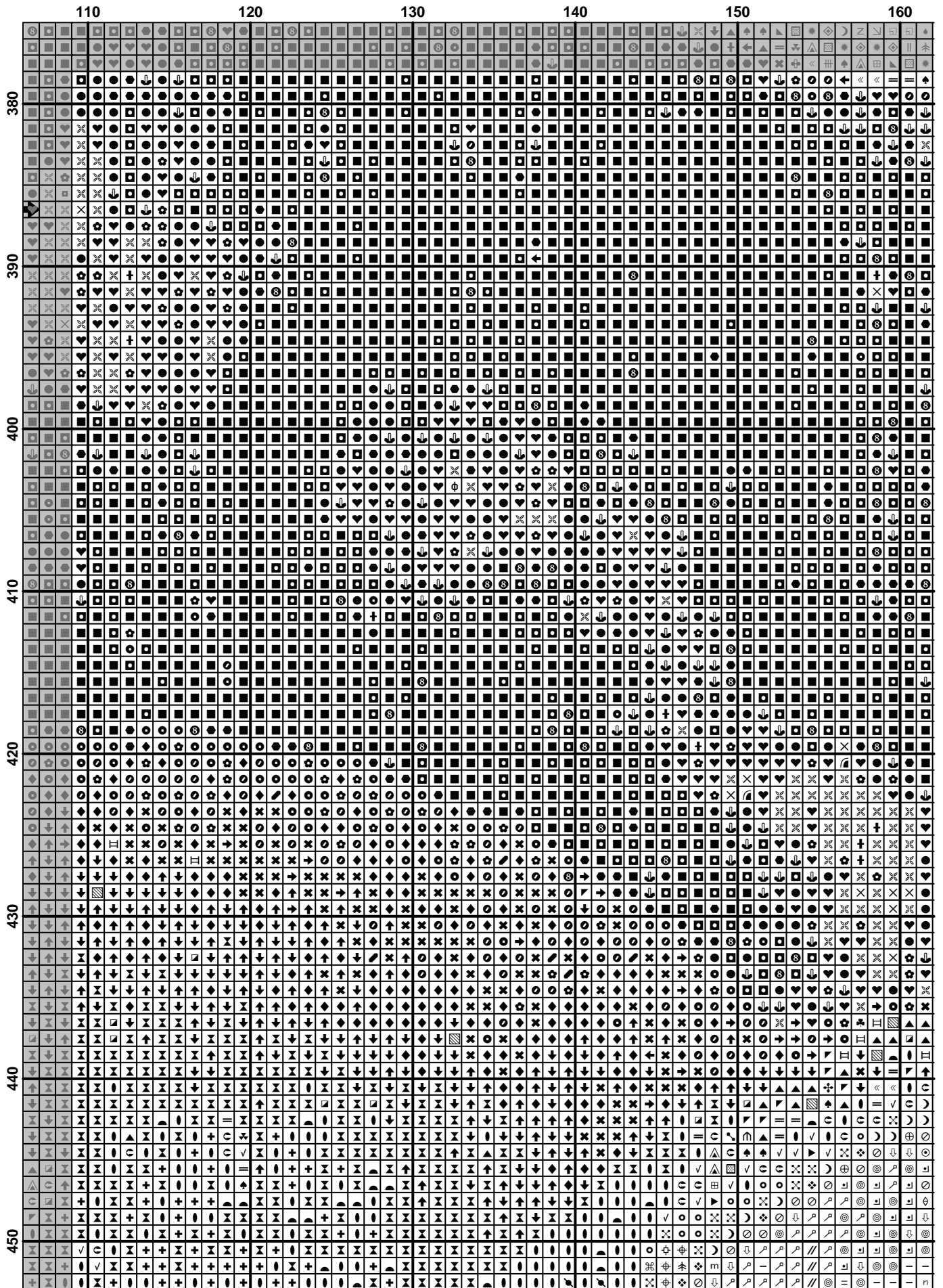
$$(58) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$



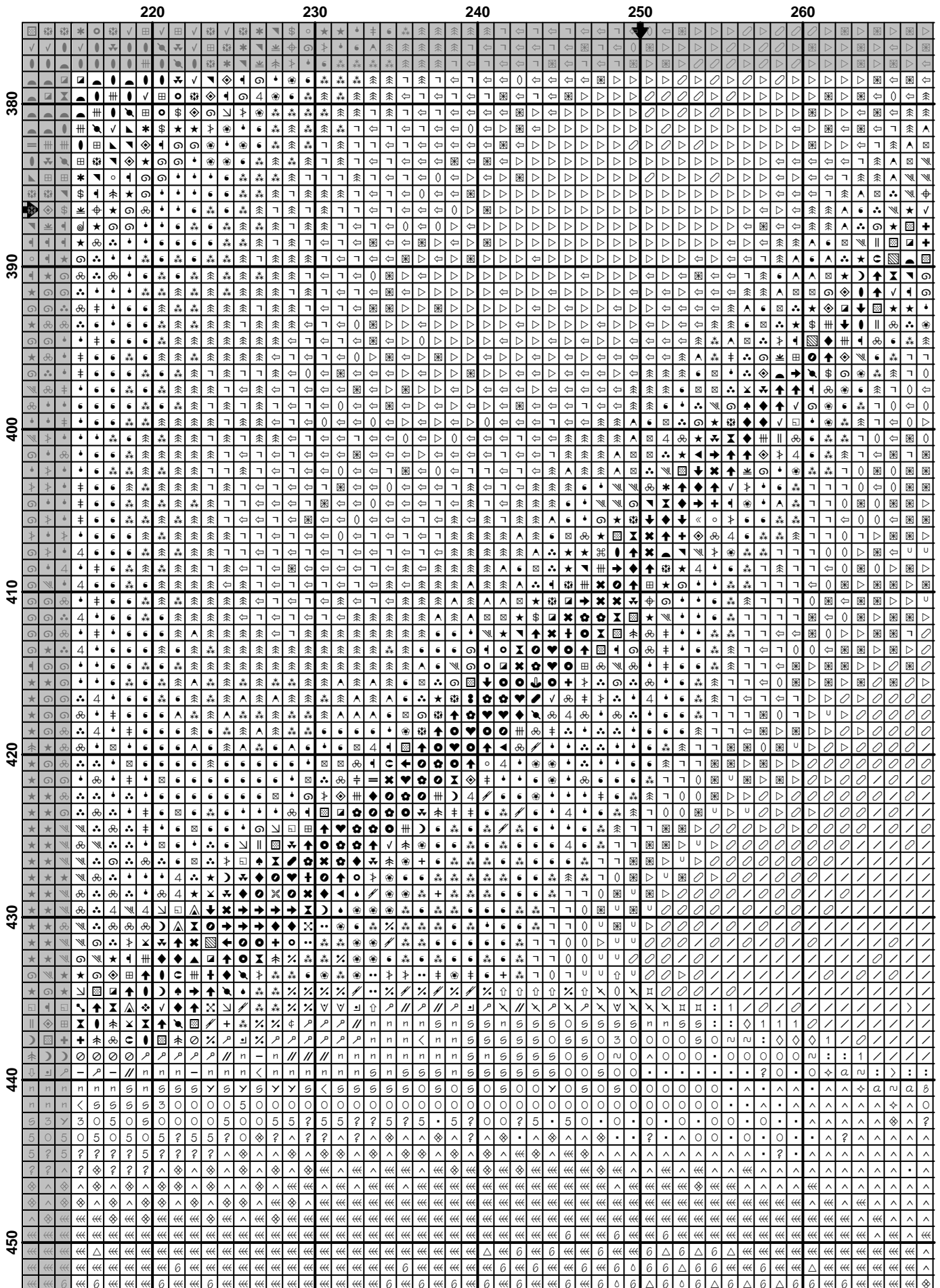


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381	2	2	2	2	2
382	2	2	2	2	2
383	2	2	2	2	2
384	2	2	2	2	2
385	2	2	2	2	2
386	2	2	2	2	2
387	2	2	2	2	2
388	2	2	2	2	2
389	2	2	2	2	2
390	2	2	2	2	2
391	2	2	2	2	2
392	2	2	2	2	2
393	2	2	2	2	2
394	2	2	2	2	2
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396	2	2	2	2	2
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485	2	2	2	2	2
486	2	2	2	2	2
487	2	2	2	2	2
488	2	2	2	2	2
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490	2	2	2	2	2
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499	2	2	2	2	2
500	2	2	2	2	2

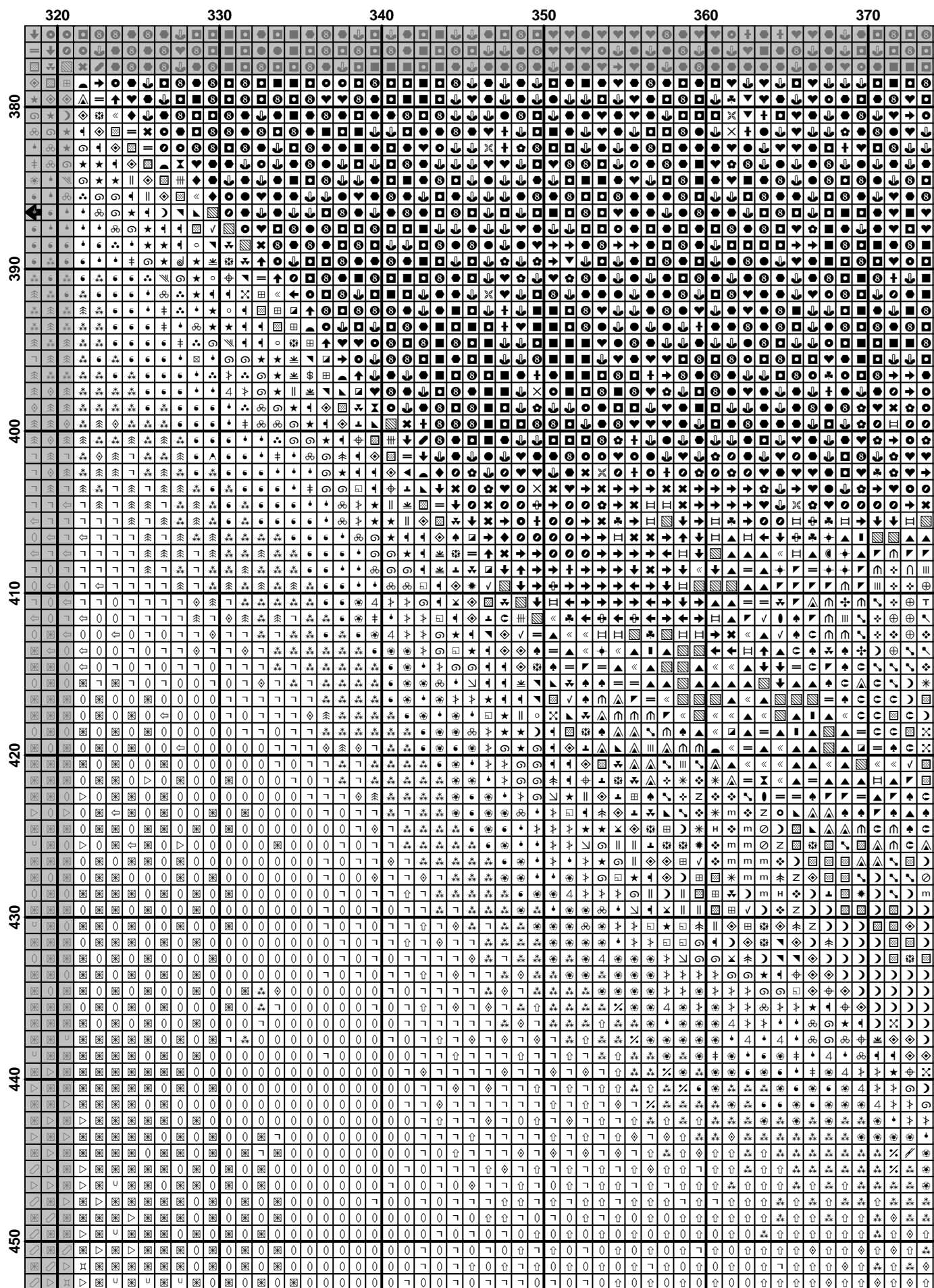




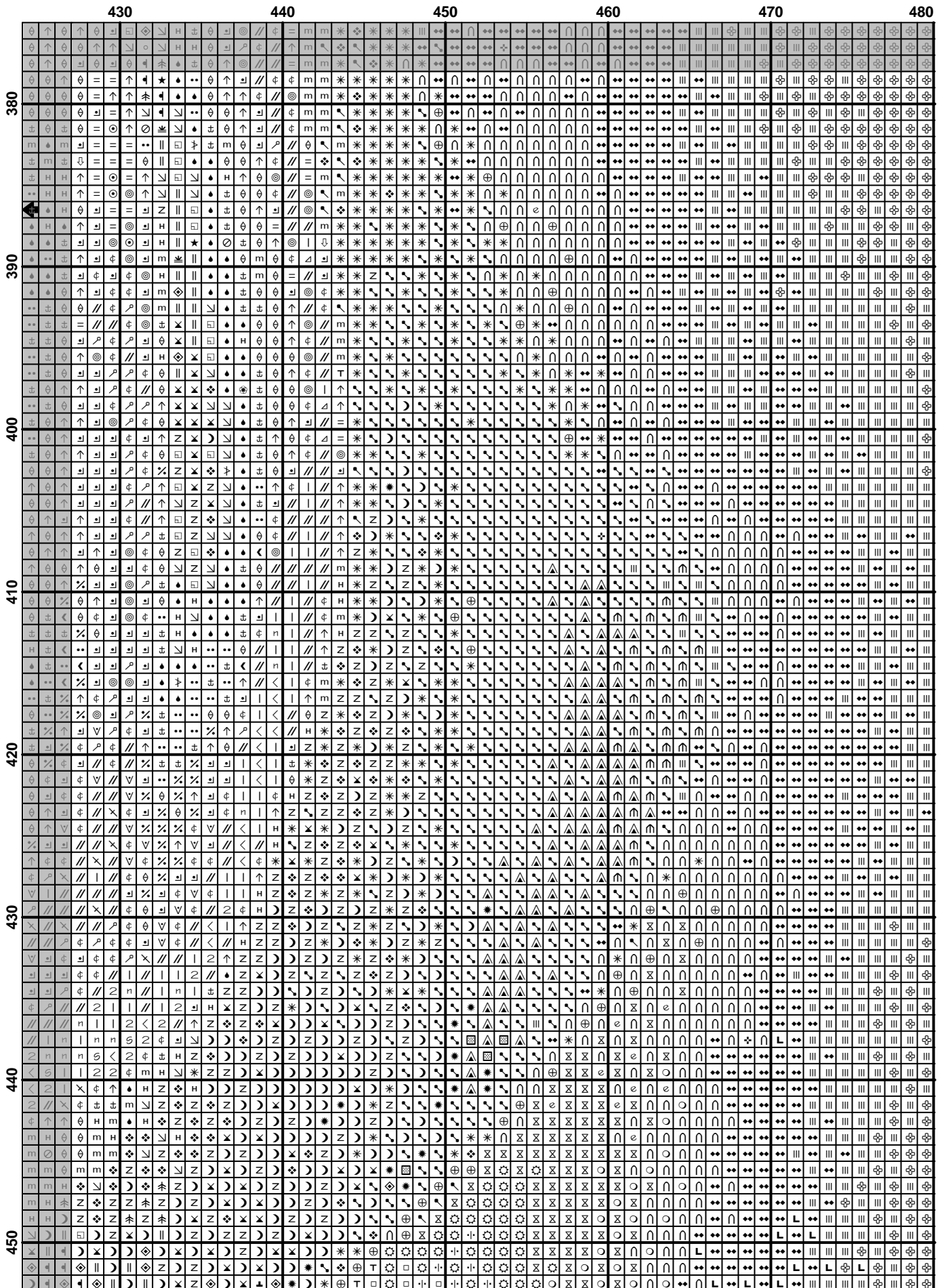
	160	170	180	190	200	210
380						
390						
400						
410						
420						
430						
440						
450						

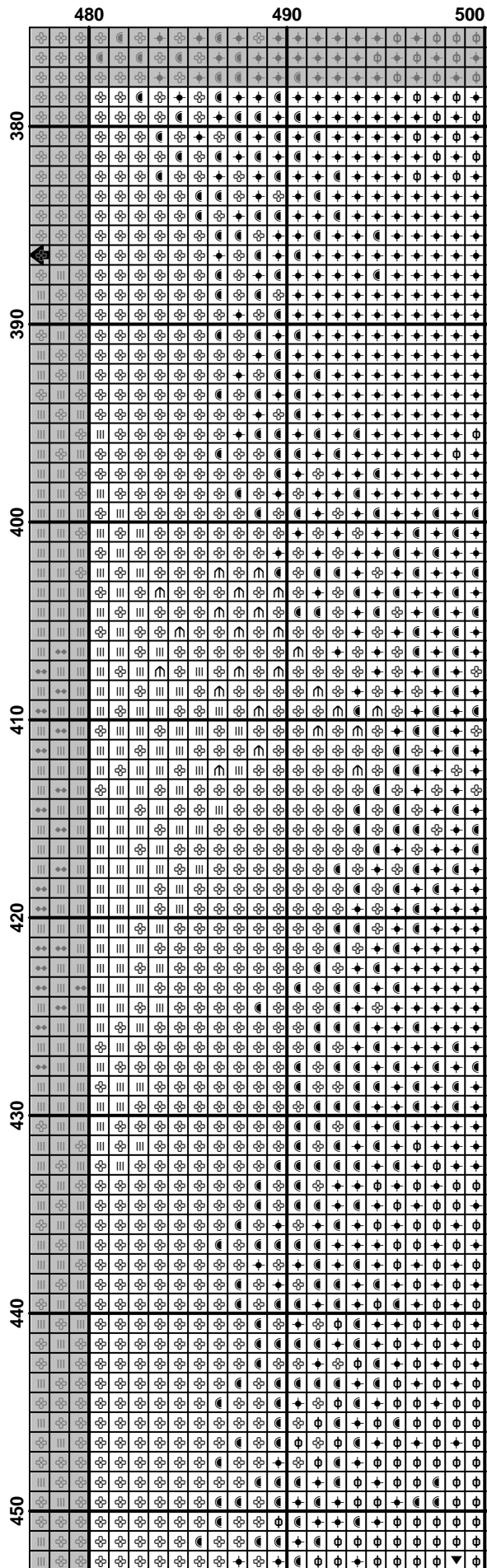


	270	280	290	300	310	320
380
390
400
410
420
430
440
450



[illegible]

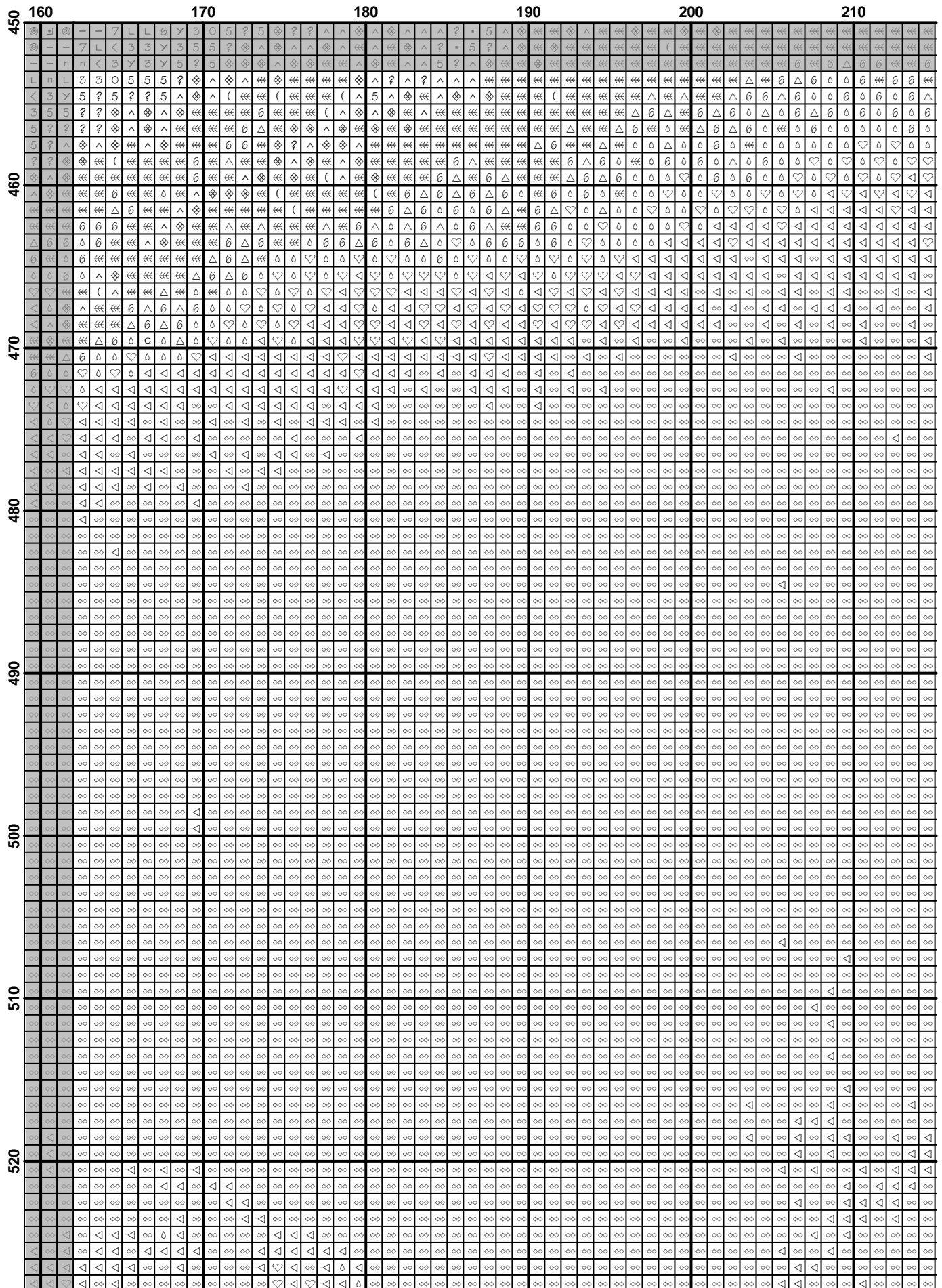


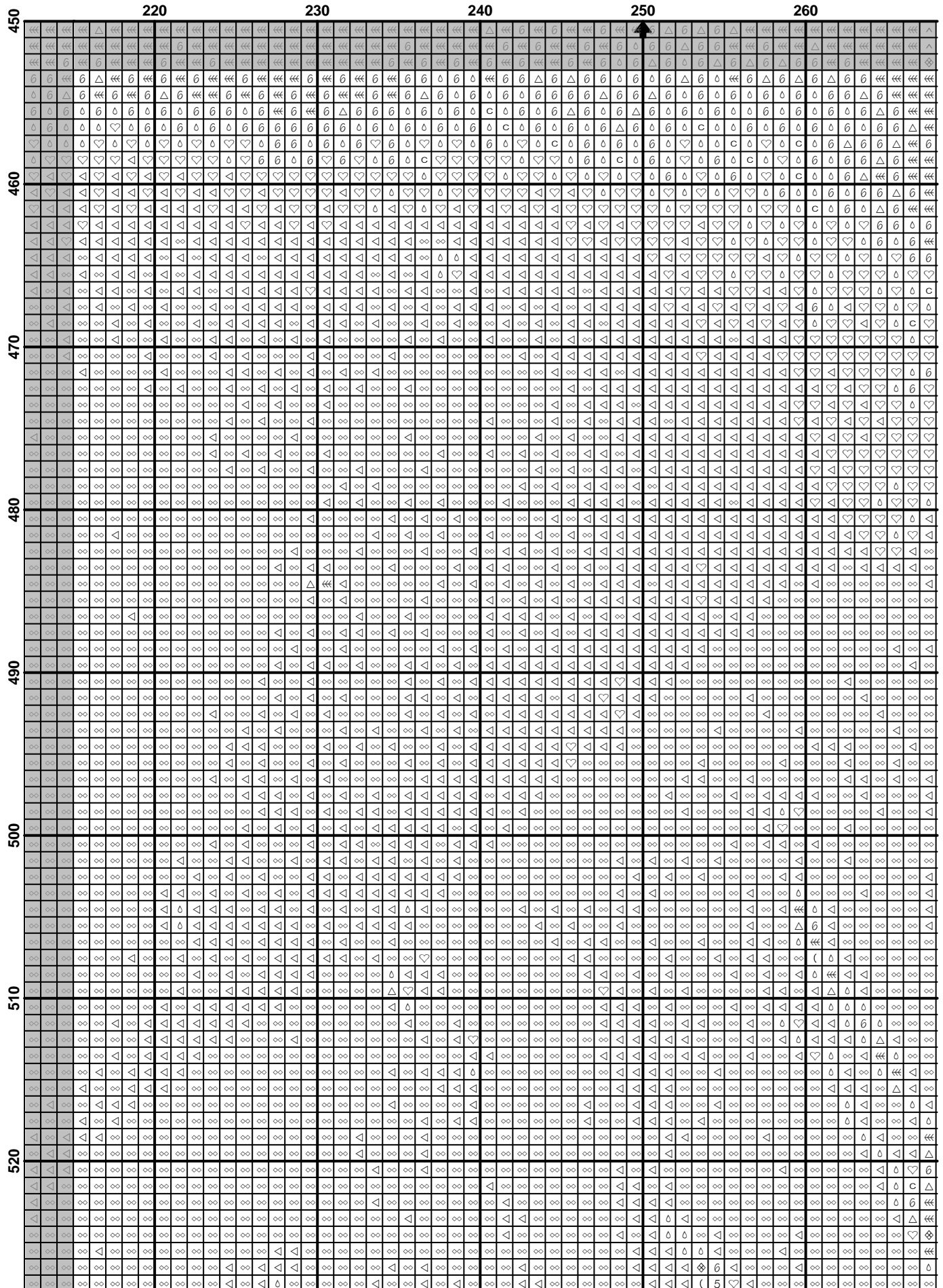


	10	20	30	40	50
450	•	•	•	•	•
460	•	•	•	•	•
470	•	•	•	•	•
480	•	•	•	•	•
490	•	•	•	•	•
500	•	•	•	•	•
510	•	•	•	•	•
520	•	•	•	•	•

	60	70	80	90	100
450	X	X	X	X	X
460	X	X	X	X	X
470	X	X	X	X	X
480	X	X	X	X	X
490	X	X	X	X	X
500	X	X	X	X	X
510	X	X	X	X	X
520	X	X	X	X	X
530	X	X	X	X	X
540	X	X	X	X	X
550	X	X	X	X	X
560	X	X	X	X	X
570	X	X	X	X	X
580	X	X	X	X	X
590	X	X	X	X	X
600	X	X	X	X	X
610	X	X	X	X	X
620	X	X	X	X	X
630	X	X	X	X	X
640	X	X	X	X	X
650	X	X	X	X	X
660	X	X	X	X	X
670	X	X	X	X	X
680	X	X	X	X	X
690	X	X	X	X	X
700	X	X	X	X	X
710	X	X	X	X	X
720	X	X	X	X	X
730	X	X	X	X	X
740	X	X	X	X	X
750	X	X	X	X	X
760	X	X	X	X	X
770	X	X	X	X	X
780	X	X	X	X	X
790	X	X	X	X	X
800	X	X	X	X	X
810	X	X	X	X	X
820	X	X	X	X	X
830	X	X	X	X	X
840	X	X	X	X	X
850	X	X	X	X	X
860	X	X	X	X	X
870	X	X	X	X	X
880	X	X	X	X	X
890	X	X	X	X	X
900	X	X	X	X	X
910	X	X	X	X	X
920	X	X	X	X	X
930	X	X	X	X	X
940	X	X	X	X	X
950	X	X	X	X	X
960	X	X	X	X	X
970	X	X	X	X	X
980	X	X	X	X	X
990	X	X	X	X	X
1000	X	X	X	X	X

	110	120	130	140	150	160
450						
460						
470						
480						
490						
500						
510						
520						



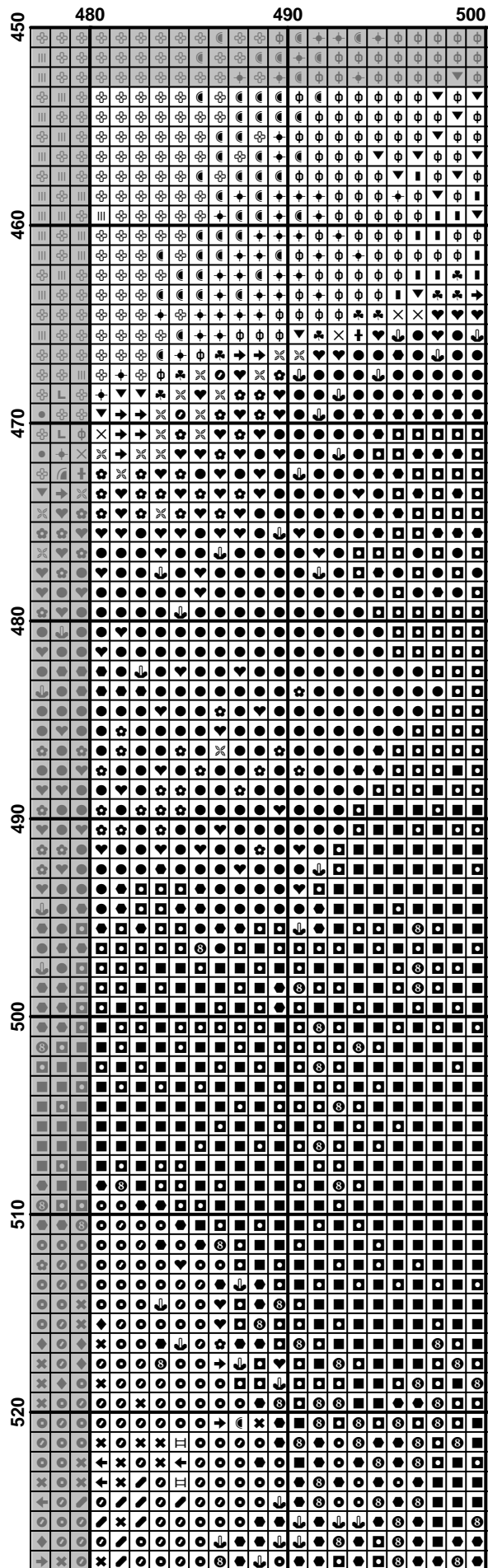


450	270	280	290	300	310	320
450	450	450	450	450	450	450
460	460	460	460	460	460	460
470	470	470	470	470	470	470
480	480	480	480	480	480	480
490	490	490	490	490	490	490
500	500	500	500	500	500	500
510	510	510	510	510	510	510
520	520	520	520	520	520	520

[illegible]

	380	390	400	410	420
450
460
470
480
490
500
510
520

[illegible]



$$(81) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left(\sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

$$(82) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left(\sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

	110	120	130	140	150	160
530						
540						
550						
560						
570						
580						
590						
600						

$$(84) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left(\sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

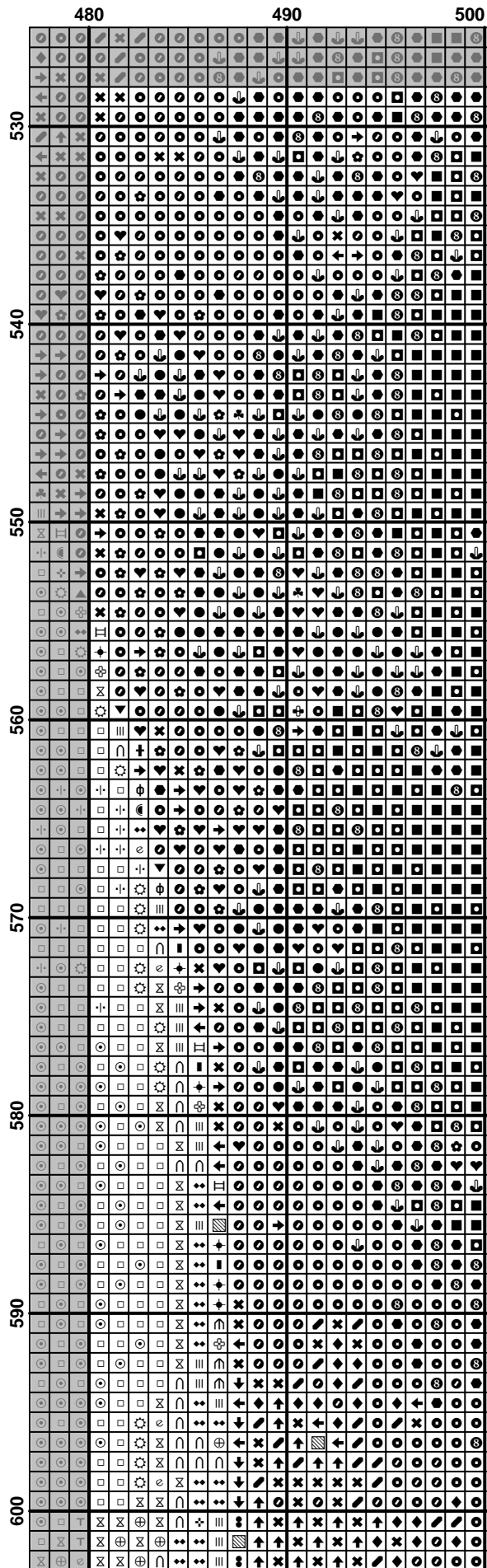
(86)

$$(86) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \mathcal{I}_\alpha f(t), \quad t \in [0, T],$$

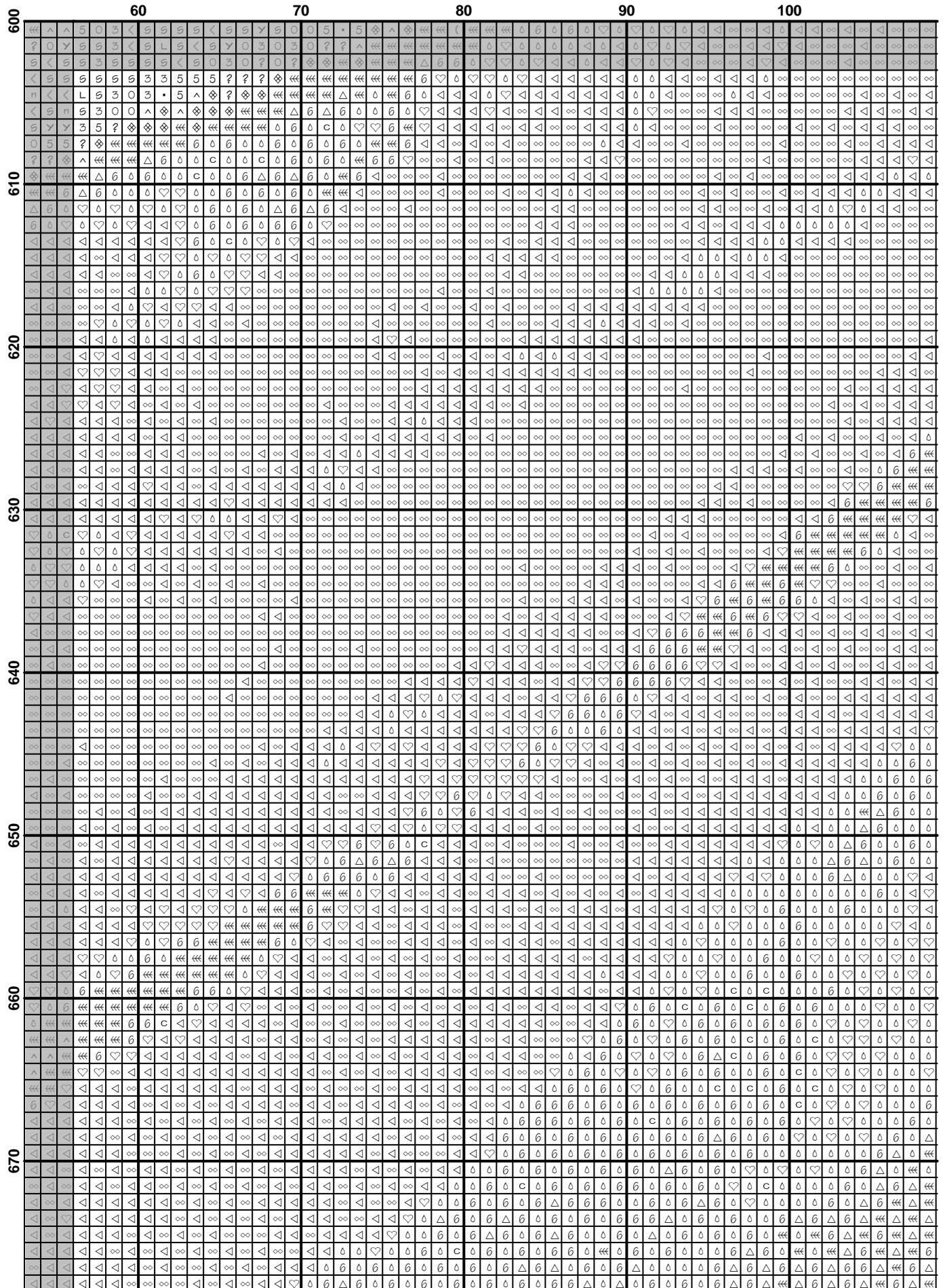
[illegible]

	380	390	400	410	420
530
540
550
560
570
580
590
600

[illegible]



[illegible]



	110	120	130	140	150	160
600						
610						
620						
630						
640						
650						
660						
670						

	160	170	180	190	200	210
600	△	△	△	△	△	△
601	△	△	△	△	△	△
602	△	△	△	△	△	△
603	△	△	△	△	△	△
604	△	△	△	△	△	△
605	△	△	△	△	△	△
606	△	△	△	△	△	△
607	△	△	△	△	△	△
608	△	△	△	△	△	△
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615	△	△	△	△	△	△
616	△	△	△	△	△	△
617	△	△	△	△	△	△
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620	△	△	△	△	△	△
621	△	△	△	△	△	△
622	△	△	△	△	△	△
623	△	△	△	△	△	△
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627	△	△	△	△	△	△
628	△	△	△	△	△	△
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662	△	△	△	△	△	△
663	△	△	△	△	△	△
664	△	△	△	△	△	△
665	△	△	△	△	△	△
666	△	△	△	△	△	△
667	△	△	△	△	△	△
668	△	△	△	△	△	△
669	△	△	△	△	△	△
670	△	△	△	△	△	△

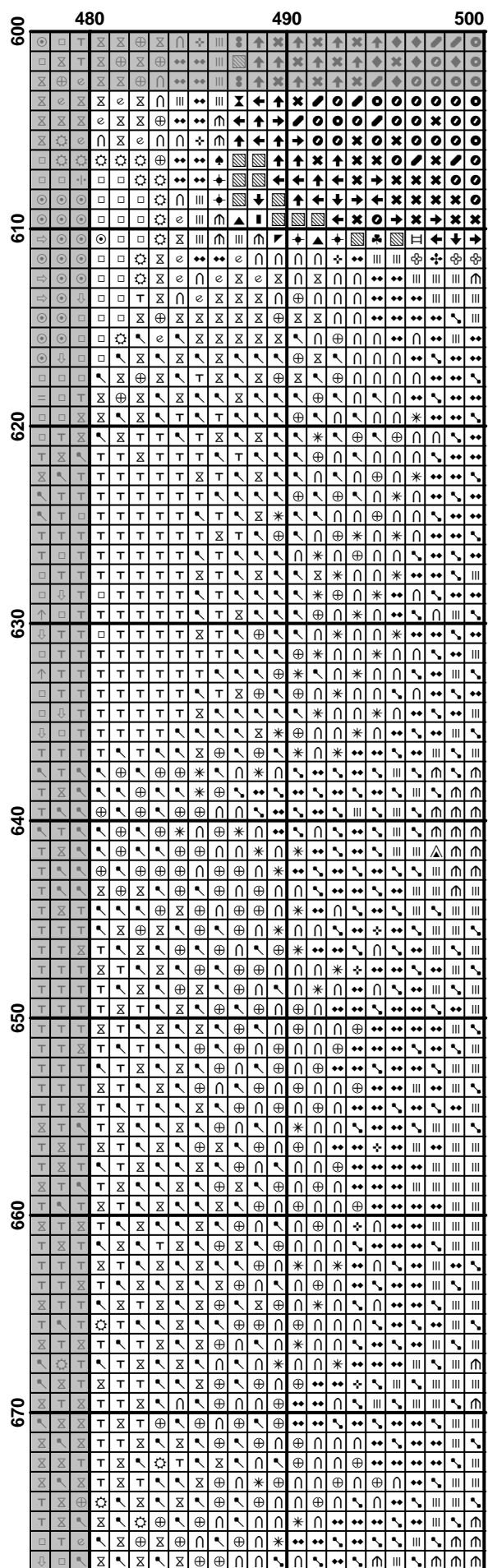
	220												230												240												250												260											
600																																																												
610																																																												
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630																																																												
640																																																												
650																																																												
660																																																												
670																																																												

	270	280	290	300	310	320
600
610
620
630
640
650
660
670

[illegible]

(99)

	430	440	450	460	470	480
600	✓	✓	✓	✓	✓	✓
610	✓	✓	✓	✓	✓	✓
620	✓	✓	✓	✓	✓	✓
630	✓	✓	✓	✓	✓	✓
640	✓	✓	✓	✓	✓	✓
650	✓	✓	✓	✓	✓	✓
660	✓	✓	✓	✓	✓	✓
670	✓	✓	✓	✓	✓	✓



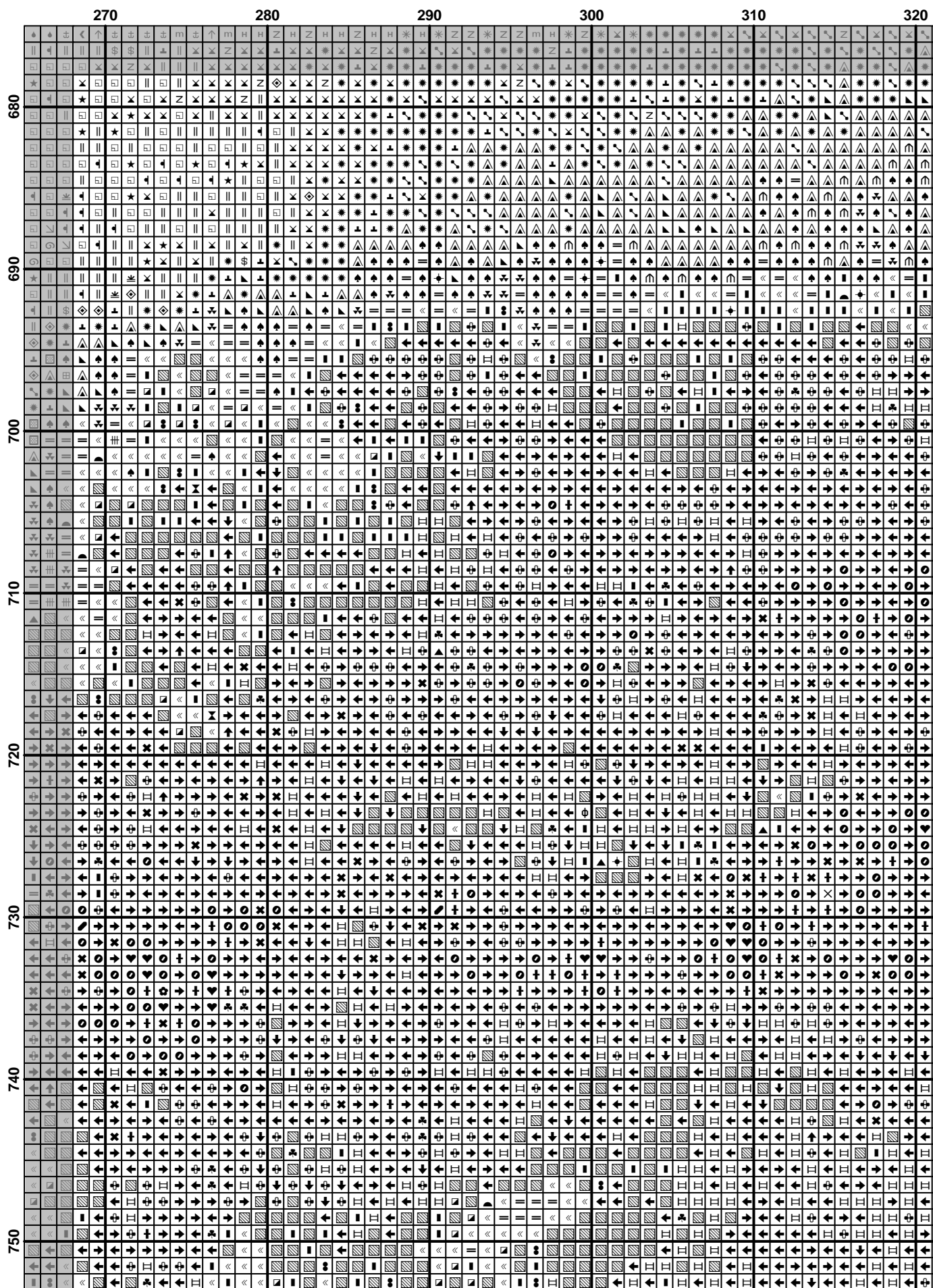
$$(101) \quad \text{[...]} \quad (102)$$

$$(102) \quad \text{[...]} \quad (103)$$

	110	120	130	140	150	160
680	△	△	△	△	△	△
681	△	△	△	△	△	△
682	△	△	△	△	△	△
683	△	△	△	△	△	△
684	△	△	△	△	△	△
685	△	△	△	△	△	△
686	△	△	△	△	△	△
687	△	△	△	△	△	△
688	△	△	△	△	△	△
689	△	△	△	△	△	△
690	△	△	△	△	△	△
691	△	△	△	△	△	△
692	△	△	△	△	△	△
693	△	△	△	△	△	△
694	△	△	△	△	△	△
695	△	△	△	△	△	△
696	△	△	△	△	△	△
697	△	△	△	△	△	△
698	△	△	△	△	△	△
699	△	△	△	△	△	△
700	△	△	△	△	△	△
701	△	△	△	△	△	△
702	△	△	△	△	△	△
703	△	△	△	△	△	△
704	△	△	△	△	△	△
705	△	△	△	△	△	△
706	△	△	△	△	△	△
707	△	△	△	△	△	△
708	△	△	△	△	△	△
709	△	△	△	△	△	△
710	△	△	△	△	△	△
711	△	△	△	△	△	△
712	△	△	△	△	△	△
713	△	△	△	△	△	△
714	△	△	△	△	△	△
715	△	△	△	△	△	△
716	△	△	△	△	△	△
717	△	△	△	△	△	△
718	△	△	△	△	△	△
719	△	△	△	△	△	△
720	△	△	△	△	△	△
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722	△	△	△	△	△	△
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724	△	△	△	△	△	△
725	△	△	△	△	△	△
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728	△	△	△	△	△	△
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730	△	△	△	△	△	△
731	△	△	△	△	△	△
732	△	△	△	△	△	△
733	△	△	△	△	△	△
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735	△	△	△	△	△	△
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737	△	△	△	△	△	△
738	△	△	△	△	△	△
739	△	△	△	△	△	△
740	△	△	△	△	△	△
741	△	△	△	△	△	△
742	△	△	△	△	△	△
743	△	△	△	△	△	△
744	△	△	△	△	△	△
745	△	△	△	△	△	△
746	△	△	△	△	△	△
747	△	△	△	△	△	△
748	△	△	△	△	△	△
749	△	△	△	△	△	△
750	△	△	△	△	△	△

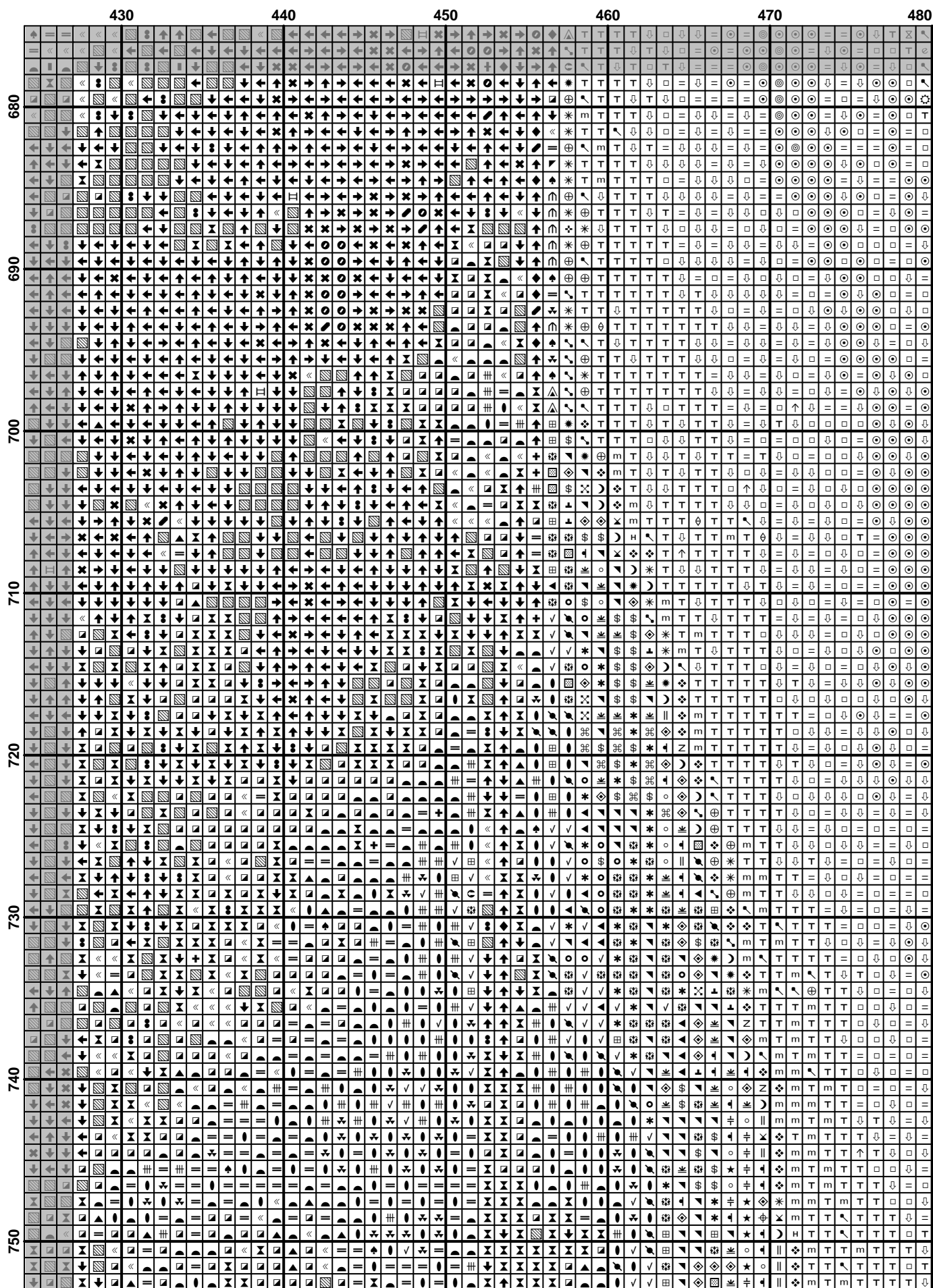
[illegible]

$$(105) \quad \text{---} \quad (106)$$



	320	330	340	350	360	370
680						
690						
700						
710						
720						
730						
740						
750						

$$(108) \quad \text{---} \quad (109)$$



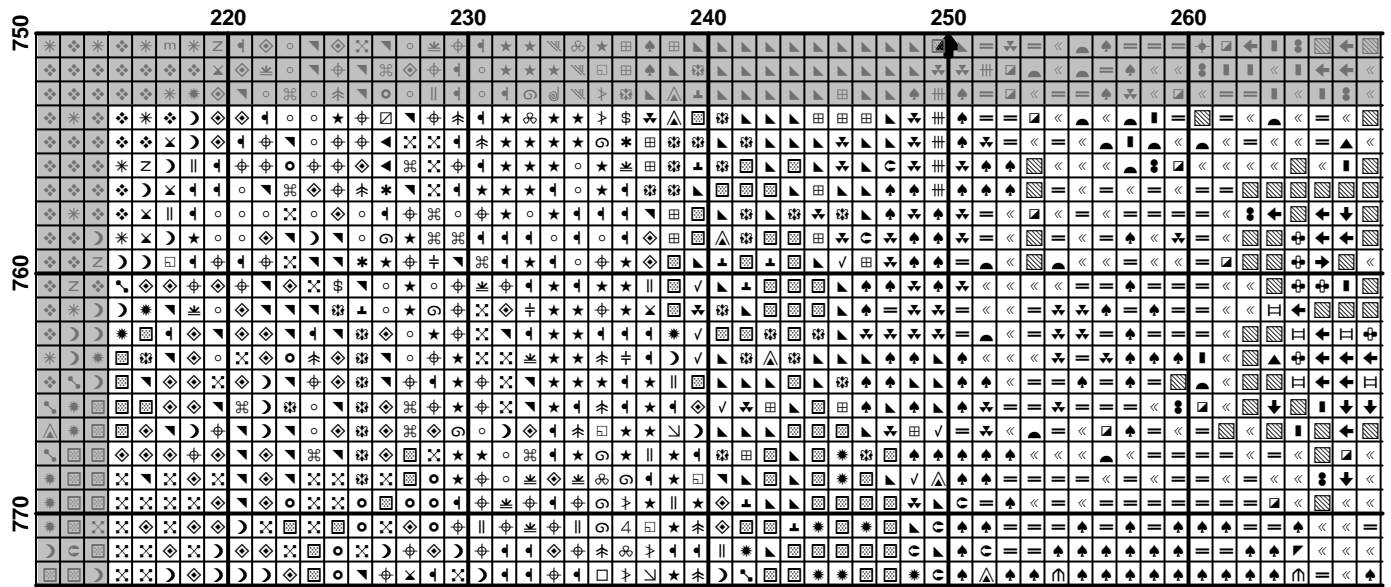
(110)

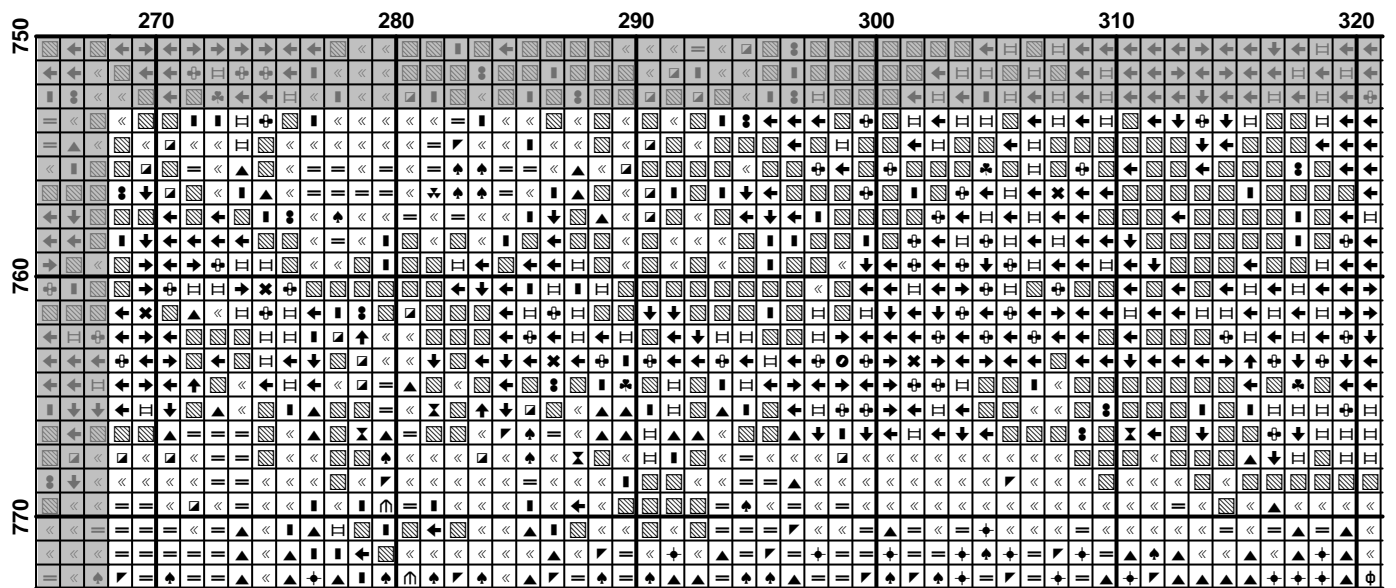
[illegible]

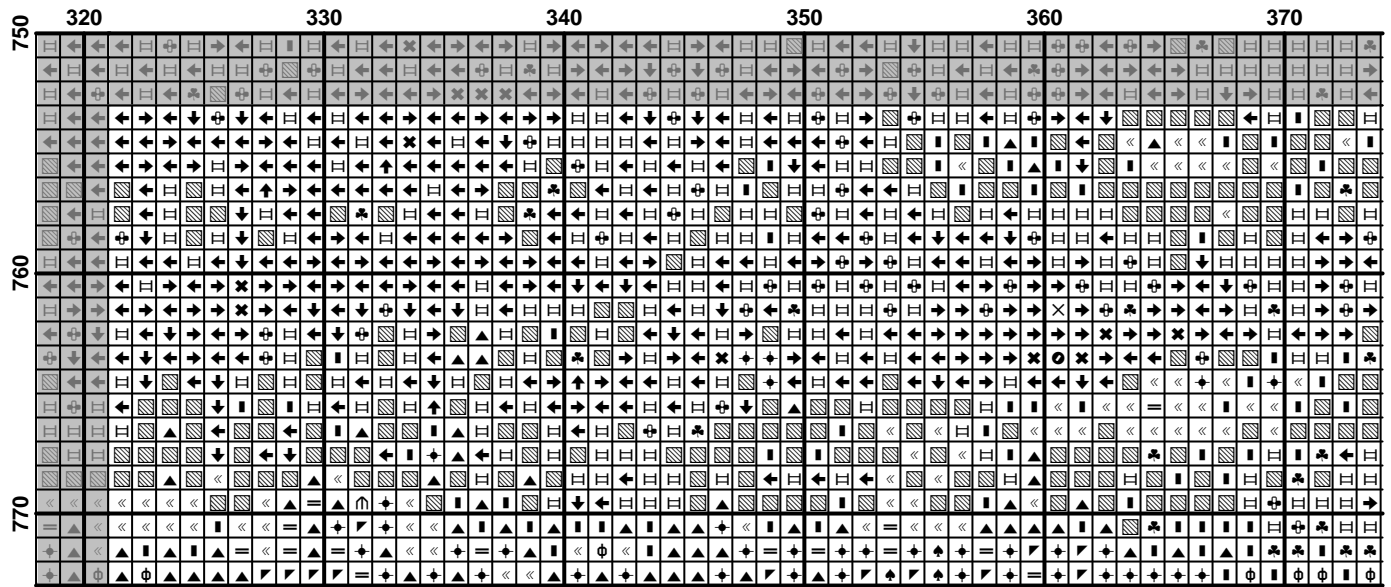
	60										70										80										90										100																																																											
750																																																																																																				

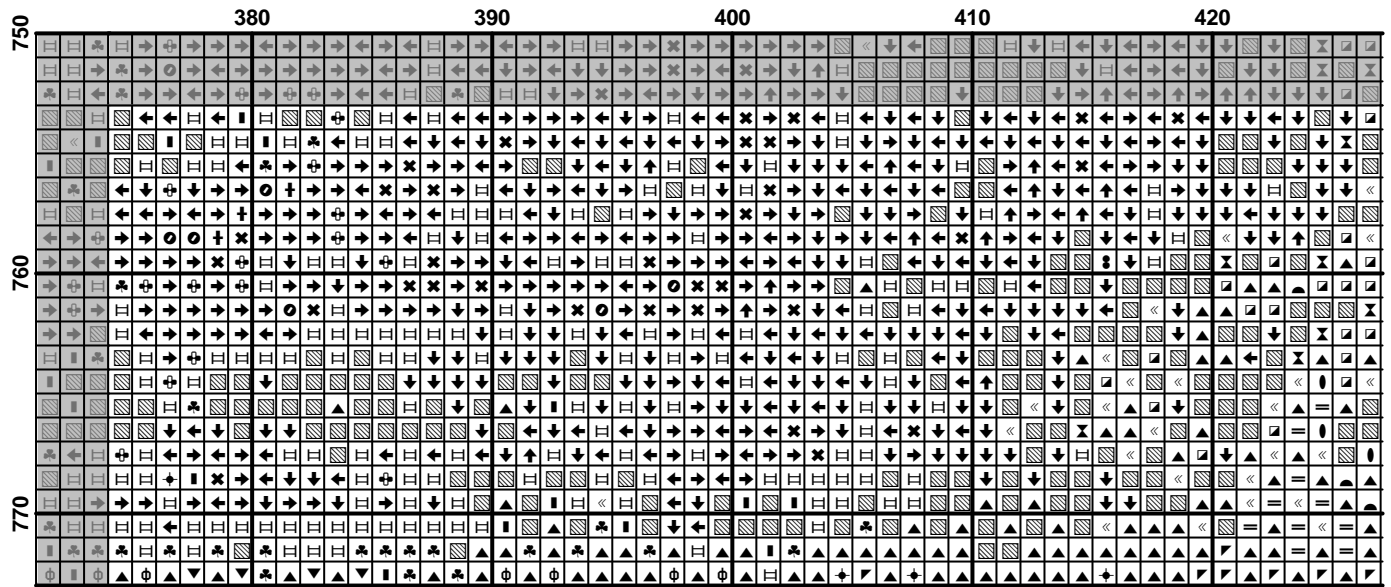
[illegible]

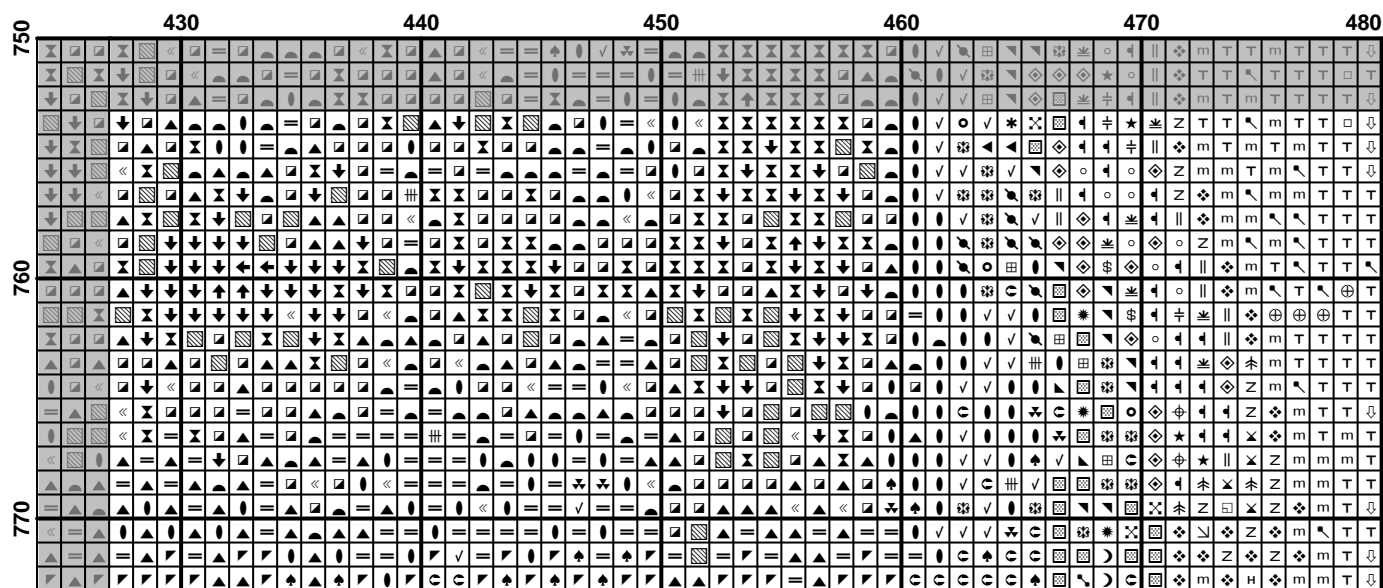
[illegible]











	480										490										500									
750	T	T	↓	T	□	T	□	T	□	T	□	○	○	↓	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	T	□	T	□	↓	□	↓	□	□	T	□	=	↓	□	=	□	T	□	□	□	T	□	□	T	□	T	□	□	□	□
	T	T	↓	=	□	□	□	□	T	□	↓	○	↓	□	□	□	□	T	□	□	T	□	T	□	□	□	□	□	□	□
	T	□	↓	□	□	↓	□	↓	□	□	↓	○	↓	○	↓	□	=	□	□	□	T	□	T	□	□	□	□	□	□	□
	T	T	↓	□	↓	↓	□	□	↓	○	↓	○	↓	□	=	□	□	□	□	T	□	T	□	□	□	□	□	□	□	□
	T	T	↓	T	↓	□	↓	↓	□	□	↓	=	↓	□	=	↓	□	=	□	□	□	T	□	T	□	□	□	□	□	□
	T	T	T	T	↓	↓	□	↓	□	=	↓	□	=	□	=	□	↓	□	□	T	T	T	□	□	□	□	□	□	□	□
	T	T	T	T	↓	□	□	=	□	=	↓	=	□	↓	□	□	□	□	T	T	□	□	□	□	□	□	□	□	□	□
760	T	T	↓	T	↓	□	↓	□	□	↓	=	□	=	□	=	□	□	□	T	□	□	□	□	□	□	□	□	□	□	□
	↖	⊕	T	T	□	T	□	T	□	=	□	=	□	=	↓	□	↓	□	T	T	⊗	T	⊗	T	⊗	T	⊗	T	⊗	T
	⊕	T	T	T	T	□	T	□	T	↓	=	□	=	□	=	□	T	T	⊗	T	⊗	T	⊗	T	⊗	T	⊗	T	⊗	T
	T	T	T	T	T	□	T	□	T	T	=	□	=	□	=	□	T	⊗	T	⊗	T	⊗	T	⊗	T	⊗	T	⊗	T	⊗
	T	T	T	T	↖	□	T	T	T	T	=	□	=	↓	□	↓	□	T	⊗	↖	⊗	↖	⊗	↖	⊗	↖	⊗	↖	⊗	↖
	T	T	↓	↖	T	T	T	T	T	T	=	○	□	=	□	=	□	T	⊗	T	⊗	T	⊗	T	⊗	T	⊗	T	⊗	T
	T	m	T	T	T	T	T	T	T	□	=	○	↓	=	□	=	□	□	T	T	⊗	↖	⊗	↖	⊗	↖	⊗	↖	⊗	↖
	m	T	T	T	T	↖	T	↖	□	=	○	□	=	□	=	□	□	T	T	↖	⊕	↖	⊕	↖	⊕	↖	⊕	↖	⊕	↖
770	m	T	↓	T	T	T	T	T	T	□	○	○	↓	○	□	□	T	T	⊗	↖	⊕	↖	⊕	↖	⊕	↖	⊕	↖	⊕	↖
	↖	T	T	↓	T	↓	T	T	T	○	○	↓	○	=	↓	=	□	T	⊗	↖	↖	⊕	↖	⊕	↖	⊕	↖	⊕	↖	⊕
	m	T	↓	□	↓	□	T	T	T	□	○	○	=	↓	□	□	T	□	↖	⊕	↖	⊕	↖	⊕	↖	⊕	↖	⊕	↖	⊕
	m	T	↓	↓	↓	↓	T	T	□	↓	○	○	○	○	=	↓	=	□	⊗	T	⊗	⊕	⊗	⊕	⊗	⊕	⊗	⊕	⊗	⊕