

1402 Daedalus and Icarus



This pattern may not be copied, sold or in any other way handled in any way that violates the international copyright laws. If you get hold of this pattern (and or this document) in any other way than via a direct download from www.goldenkite.com or via a mail from us, you should report that to us at legal_actions@goldenkite.com .

Copyright (c) 2009-, Golden Kite. All rights reserved.

Copyright (c) 2009-, Golden Kite (Golden K.)
Internet: www.goldenkite.com

e-mail: info@goldenkite.com

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.

When you start using this product you agree that Golden Kite (Golden K), or any people working for or in association with Golden Kite (Golden K), cannot be set responsible for any physical, mental, economical or other type of damage caused by this product (including this document, pattern, threads, needles and any other parts received by you from Golden Kite (Golden K)).

This pattern may not be copied, sold or in any other way handled in any way that violates the international copyright laws. If you get hold of this pattern (and or this document) in any other way than via a direct download from www.goldenkite.com or via a mail from us, you should report that to us at legal_actions@goldenkite.com .

Daedalus and Icarus

Stitch Count	
Horizontal:	500
Vertical:	680



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:	91	35.67	124	48.53	80	31.21	108	42.46	71	27.75	96	37.75
Including Margins:	107	42	140	55	96	38	124	49	87	34	112	44
	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	173	67.94	106	41.61	144	56.61	53	20.8	72	28.3
Including Margins:	143	56	189	74	122	48	160	63	69	27	88	35
	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	69	27.17	49	19.2	66	26.13	47	18.49	64	25.16
Including Margins:	66	26	85	34	65	26	82	33	63	25	80	32
	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	62	24.26	42	16.64	57	22.64	39	15.6	54	21.23
Including Margins:	61	24	78	31	58	23	73	29	55	22	70	28

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
	221	Shell Pink-VY DK
	224	Shell Pink-VY LT
	310	Black
	315	Antique Mauve-VY DK
	317	Pewter Gray
	318	Steel Gray-LT
	326	Rose-VY DK
	353	Peach
	355	Terra Cotta-DK
	356	Terra Cotta-MD
	402	Mahogany-VY LT
	407	Desert Sand-DK
	413	Pewter Gray-DK
	414	Steel Gray-DK
	420	Hazelnut Brown-DK
	436	Tan
	451	Shell Gray-DK
	452	Shell Gray-MD
	453	Shell Gray-LT
	500	Blue Green-VY DK
	535	Ash Gray-VY LT
	543	Beige Brown-UL VY LT
	632	Desert Sand-UL VY DK
	645	Beaver Gray-VY DK
	647	Beaver Gray-MD
	722	Orange Spice-LT
	738	Tan-VY LT
	739	Tan-UL VY LT
	745	Yellow-LT Pale
	746	Off White
	754	Peach-LT
	758	Terra Cotta-VY LT
	778	Antique Mauve-VY LT
	822	Beige Gray-LT
	823	Navy Blue-DK
	839	Beige Brown-DK
	840	Beige Brown-MD
	841	Beige Brown-LT

	842	Beige Brown-VY LT
	844	Beaver Brown-UL DK
	902	Garnet-VY DK
	924	Gray Green-VY DK
	928	Gray Green-VY LT
	930	Antique Blue-DK
	945	Tawny
	948	Peach-VY LT
	950	Desert Sand-LT
	3022	Brown Gray-MD
	3041	Antique Violet-MD
	3042	Antique Violet-LT
	3064	Desert Sand
	3371	Black Brown
	3685	Mauve-DK
	3768	Gray Green-DK
	3770	Tawny-VY LT
	3772	Desert Sand-VY DK
	3776	Mahogany-LT
	3778	Terra Cotta-LT
	3779	Terra Cotta-UL VY LT
	3787	Brown Gray-DK
	3790	Beige Gray-UL DK
	3799	Pewter Gray-VY DK
	3823	Yellow-UL Pale
	3824	Apricot-LT
	3825	Pumpkin-Pale
	3827	Golden Brown-Pale
	3830	Terra Cotta-MD
	3855	Autumn Gold-LT
	3856	Mahogany-UL VY LT
	3858	Rosewood-MD
	3859	Rosewood-LT
	3860	Cocoa
	3861	Cocoa-LT
	3862	Mocha Beige-DK
	3863	Mocha Beige-MD
	3864	Mocha Beige-LT
	3865	Winter White

Blend Stitches. Use one strand of each of DMC1 and DMC2 for these stitches.				
Symbol	DMC1	Name1	DMC2	Name2
	839	Beige Brown-DK	3787	Brown Gray-DK
	844	Beaver Brown-UL DK	3799	Pewter Gray-VY DK
	356	Terra Cotta-MD	3828	Hazelnut Brown
	407	Desert Sand-DK	3864	Mocha Beige-LT
	414	Steel Gray-DK	927	Gray Green-LT
	3721	Shell Pink-DK	3772	Desert Sand-VY DK
	356	Terra Cotta-MD	436	Tan
	934	Black Avocado Green	3799	Pewter Gray-VY DK

☼	3371	Black Brown	3799	Pewter Gray-VY DK
☼	3861	Cocoa-LT	3864	Mocha Beige-LT
☼	413	Pewter Gray-DK	3799	Pewter Gray-VY DK
☼	318	Steel Gray-LT	414	Steel Gray-DK
☼	356	Terra Cotta-MD	3778	Terra Cotta-LT
☼	407	Desert Sand-DK	437	Tan-LT
☼	645	Beaver Gray-VY DK	3740	Antique Violet-DK
☼	356	Terra Cotta-MD	3830	Terra Cotta-MD
☼	356	Terra Cotta-MD	435	Brown-VY LT
☼	437	Tan-LT	3064	Desert Sand
☼	632	Desert Sand-UL VY DK	3721	Shell Pink-DK
☼	3825	Pumpkin-Pale	3856	Mahogany-UL VY LT
☼	645	Beaver Gray-VY DK	926	Gray Green-MD
☼	758	Terra Cotta-VY LT	3856	Mahogany-UL VY LT
☼	353	Peach	3823	Yellow-UL Pale
☼	317	Pewter Gray	413	Pewter Gray-DK
☼	317	Pewter Gray	931	Antique Blue-MD
☼	402	Mahogany-VY LT	3778	Terra Cotta-LT
☼	3825	Pumpkin-Pale	3855	Autumn Gold-LT
☼	435	Brown-VY LT	3721	Shell Pink-DK
☼	839	Beige Brown-DK	3802	Antique Mauve-VY DK
☼	451	Shell Gray-DK	3726	Antique Mauve-DK
☼	317	Pewter Gray	414	Steel Gray-DK
☼	356	Terra Cotta-MD	977	Golden Brown-LT
☼	938	Coffee Brown-UL DK	3799	Pewter Gray-VY DK
☼	3721	Shell Pink-DK	3830	Terra Cotta-MD
☼	3772	Desert Sand-VY DK	3860	Cocoa
☼	356	Terra Cotta-MD	632	Desert Sand-UL VY DK
☼	402	Mahogany-VY LT	437	Tan-LT
☼	317	Pewter Gray	3041	Antique Violet-MD
☼	414	Steel Gray-DK	3861	Cocoa-LT
☼	632	Desert Sand-UL VY DK	3802	Antique Mauve-VY DK
☼	3064	Desert Sand	3772	Desert Sand-VY DK
☼	3740	Antique Violet-DK	3860	Cocoa
☼	223	Shell Pink-LT	612	Drab Brown-LT
☼	632	Desert Sand-UL VY DK	3860	Cocoa
☼	414	Steel Gray-DK	931	Antique Blue-MD
☼	3721	Shell Pink-DK	3862	Mocha Beige-DK
☼	437	Tan-LT	758	Terra Cotta-VY LT
☼	745	Yellow-LT Pale	3824	Apricot-LT
☼	413	Pewter Gray-DK	535	Ash Gray-VY LT
☼	3787	Brown Gray-DK	3802	Antique Mauve-VY DK
☼	924	Gray Green--VY DK	3768	Gray Green-DK
☼	3685	Mauve-DK	3721	Shell Pink-DK
☼	3824	Apricot-LT	3855	Autumn Gold-LT
☼	315	Antique Mauve-VY DK	3772	Desert Sand-VY DK
☼	317	Pewter Gray	3809	Turquoise-VY DK
☼	407	Desert Sand-DK	3772	Desert Sand-VY DK
☼	745	Yellow-LT Pale	3855	Autumn Gold-LT
☼	224	Shell Pink-VY LT	452	Shell Gray-MD
☼	224	Shell Pink-VY LT	842	Beige Brown-VY LT
☼	315	Antique Mauve-VY DK	610	Drab Brown-DK
☼	356	Terra Cotta-MD	612	Drab Brown-LT
☼	950	Desert Sand-LT	3864	Mocha Beige-LT
☼	745	Yellow-LT Pale	3823	Yellow-UL Pale
☼	823	Navy Blue-DK	924	Gray Green--VY DK
☼	838	Beige Brown-VY DK	3802	Antique Mauve-VY DK
☼	839	Beige Brown-DK	3799	Pewter Gray-VY DK
☼	844	Beaver Brown-UL DK	3802	Antique Mauve-VY DK

Copyright (c) 2009-, Golden Kite (Golden K.)

Internet: www.goldenkite.com

e-mail: info@goldenkite.com

4	931	Antique Blue-MD	3768	Gray Green-DK
■	938	Coffee Brown-UL DK	3802	Antique Mauve-VY DK
➤	3726	Antique Mauve-DK	3772	Desert Sand-VY DK
✱	930	Antique Blue-DK	3809	Turquoise-VY DK
✱	317	Pewter Gray	930	Antique Blue-DK
☪	315	Antique Mauve-VY DK	844	Beaver Brown-UL DK
×	414	Steel Gray-DK	3041	Antique Violet-MD
×	414	Steel Gray-DK	3042	Antique Violet-LT
☪	838	Beige Brown-VY DK	3799	Pewter Gray-VY DK
✱	3828	Hazelnut Brown	3830	Terra Cotta-MD
⌵	3828	Hazelnut Brown	3859	Rosewood-LT
m	402	Mahogany-VY LT	3064	Desert Sand
2	436	Tan	3778	Terra Cotta-LT
↑	838	Beige Brown-VY DK	902	Garnet-VY DK
☪	356	Terra Cotta-MD	3863	Mocha Beige-MD
III	3776	Mahogany-LT	3778	Terra Cotta-LT
▲	315	Antique Mauve-VY DK	3862	Mocha Beige-DK
☪	355	Terra Cotta-DK	3830	Terra Cotta-MD
○	402	Mahogany-VY LT	3776	Mahogany-LT
/	451	Shell Gray-DK	3740	Antique Violet-DK
*	535	Ash Gray-VY LT	3740	Antique Violet-DK
♥	838	Beige Brown-VY DK	3371	Black Brown
⋮	924	Gray Green--VY DK	3799	Pewter Gray-VY DK
+	927	Gray Green-LT	3042	Antique Violet-LT
†	3021	Brown Gray-VY DK	3802	Antique Mauve-VY DK
I	3078	Golden Yellow-VY LT	3824	Apricot-LT
0	224	Shell Pink-VY LT	950	Desert Sand-LT
⌵	353	Peach	745	Yellow-LT Pale
☪	356	Terra Cotta-MD	922	Copper-LT
▲	632	Desert Sand-UL VY DK	838	Beige Brown-VY DK
■	839	Beige Brown-DK	3858	Rosewood-MD
√	928	Gray Green-VY LT	3042	Antique Violet-LT
◆	902	Garnet-VY DK	938	Coffee Brown-UL DK
::	3064	Desert Sand	3864	Mocha Beige-LT
..	3721	Shell Pink-DK	3863	Mocha Beige-MD
+	221	Shell Pink-VY DK	3721	Shell Pink-DK
δ	3078	Golden Yellow-VY LT	3823	Yellow-UL Pale
◁	3340	Apricot-MD	3825	Pumpkin-Pale
c	3341	Apricot	3825	Pumpkin-Pale
☪	414	Steel Gray-DK	415	Pearl Gray
⋮	640	Beige Gray-VY DK	3726	Antique Mauve-DK
7	738	Tan-VY LT	3778	Terra Cotta-LT
✱	3772	Desert Sand-VY DK	3858	Rosewood-MD
✓	3778	Terra Cotta-LT	3828	Hazelnut Brown
③	823	Navy Blue-DK	938	Coffee Brown-UL DK
☪	301	Mahogany-MD	3772	Desert Sand-VY DK
..	356	Terra Cotta-MD	722	Orange Spice-LT
☪	632	Desert Sand-UL VY DK	3857	Rosewood-DK
3	722	Orange Spice-LT	3825	Pumpkin-Pale
◇	3341	Apricot	3855	Autumn Gold-LT
☪	347	Salmon-VY DK	355	Terra Cotta-DK
▷	353	Peach	3824	Apricot-LT
↑	347	Salmon-VY DK	3830	Terra Cotta-MD
➤	924	Gray Green--VY DK	3750	Antique Blue-VY DK
⋮	3824	Apricot-LT	3825	Pumpkin-Pale
☪	3750	Antique Blue-VY DK	3768	Gray Green-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	
221	Shell Pink-VY DK	457	179	435	171	391	153
223	Shell Pink-LT	109	42	103	40	93	36
224	Shell Pink-VY LT	498	196	475	187	427	168
301	Mahogany-MD	253	99	241	94	217	85
310	Black	11849	4664	11285	4442	10156	3998
315	Antique Mauve-VY DK	1289	507	1228	483	1105	435
317	Pewter Gray	2272	894	2163	851	1947	766
318	Steel Gray-LT	278	109	265	104	238	93
326	Rose-VY DK	103	40	98	38	89	35
347	Salmon-VY DK	350	137	334	131	300	118
353	Peach	1696	667	1615	635	1453	572
355	Terra Cotta-DK	855	336	814	320	733	288
356	Terra Cotta-MD	1923	757	1832	721	1649	649
402	Mahogany-VY LT	1101	433	1049	412	944	371
407	Desert Sand-DK	334	131	318	125	286	112
413	Pewter Gray-DK	1383	544	1317	518	1185	466
414	Steel Gray-DK	3720	1464	3543	1394	3188	1255
415	Pearl Gray	206	81	196	77	177	69
420	Hazelnut Brown-DK	27	10	25	9	23	9
435	Brown-VY LT	200	78	190	74	171	67
436	Tan	458	180	437	172	393	154
437	Tan-LT	471	185	449	176	404	159
451	Shell Gray-DK	667	262	635	250	571	224
452	Shell Gray-MD	516	203	492	193	443	174
453	Shell Gray-LT	387	152	369	145	332	130
500	Blue Green-VY DK	1785	702	1700	669	1530	602
535	Ash Gray-VY LT	425	167	405	159	365	143
543	Beige Brown-UL VY LT	229	90	218	85	196	77
610	Drab Brown-DK	538	211	512	201	461	181
612	Drab Brown-LT	216	85	206	81	185	72
632	Desert Sand-UL VY DK	1375	541	1309	515	1178	463
640	Beige Gray-VY DK	86	33	82	32	74	29
645	Beaver Gray-VY DK	332	130	316	124	284	111
647	Beaver Gray-MD	60	23	57	22	52	20
722	Orange Spice-LT	242	95	231	90	208	81
738	Tan-VY LT	221	87	210	82	189	74
739	Tan-UL VY LT	29	11	27	10	24	9
745	Yellow-LT Pale	1542	607	1468	577	1322	520
746	Off White	546	214	520	204	468	184
754	Peach-LT	364	143	346	136	312	122
758	Terra Cotta-VY LT	747	294	711	279	640	251
778	Antique Mauve-VY LT	392	154	373	146	336	132
822	Beige Gray-LT	90	35	86	33	77	30
823	Navy Blue-DK	3214	1265	3061	1205	2755	1084
838	Beige Brown-VY DK	1096	431	1044	411	939	369
839	Beige Brown-DK	1974	777	1880	740	1692	666
840	Beige Brown-MD	131	51	125	49	112	44
841	Beige Brown-LT	164	64	156	61	140	55
842	Beige Brown-VY LT	318	125	303	119	273	107
844	Beaver Brown-UL DK	1723	678	1641	646	1477	581
902	Garnet-VY DK	216	85	205	80	185	72
922	Copper-LT	51	20	48	18	43	16
924	Gray Green--VY DK	2563	1009	2441	961	2196	864

926	Gray Green-MD	40	15	38	14	34	13
927	Gray Green-LT	477	187	454	178	409	161
928	Gray Green-VY LT	426	167	405	159	365	143
930	Antique Blue-DK	419	164	399	157	359	141
931	Antique Blue-MD	485	190	462	181	416	163
934	Black Avocado Green	537	211	512	201	460	181
938	Coffee Brown-UL DK	1542	607	1469	578	1322	520
945	Tawny	581	228	553	217	498	196
948	Peach-VY LT	172	67	164	64	148	58
950	Desert Sand-LT	837	329	797	313	717	282
977	Golden Brown-LT	77	30	73	28	66	25
3021	Brown Gray-VY DK	462	181	440	173	396	155
3022	Brown Gray-MD	74	29	70	27	63	24
3041	Antique Violet-MD	1017	400	969	381	872	343
3042	Antique Violet-LT	1097	431	1045	411	940	370
3064	Desert Sand	624	245	594	233	535	210
3078	Golden Yellow-VY LT	694	273	661	260	595	234
3340	Apricot-MD	22	8	21	8	19	7
3341	Apricot	663	261	631	248	568	223
3371	Black Brown	1026	403	977	384	879	346
3685	Mauve-DK	151	59	144	56	130	51
3721	Shell Pink-DK	1379	542	1313	516	1182	465
3726	Antique Mauve-DK	201	79	191	75	172	67
3740	Antique Violet-DK	530	208	505	198	454	178
3750	Antique Blue-VY DK	324	127	309	121	278	109
3768	Gray Green-DK	421	165	401	157	361	142
3770	Tawny-VY LT	126	49	120	47	108	42
3772	Desert Sand-VY DK	2076	817	1977	778	1779	700
3776	Mahogany-LT	196	77	186	73	168	66
3778	Terra Cotta-LT	793	312	756	297	680	267
3779	Terra Cotta-UL VY LT	320	125	304	119	274	107
3787	Brown Gray-DK	914	359	871	342	784	308
3790	Beige Gray-UL DK	178	70	169	66	152	59
3799	Pewter Gray-VY DK	6880	2708	6552	2579	5897	2321
3802	Antique Mauve-VY DK	2053	808	1955	769	1759	692
3809	Turquoise-VY DK	37	14	36	14	32	12
3823	Yellow-UL Pale	2311	909	2201	866	1981	779
3824	Apricot-LT	2216	872	2111	831	1900	748
3825	Pumpkin-Pale	1707	672	1625	639	1463	575
3827	Golden Brown-Pale	29	11	27	10	24	9
3828	Hazelnut Brown	552	217	526	207	473	186
3830	Terra Cotta-MD	710	279	676	266	608	239
3855	Autumn Gold-LT	1490	586	1419	558	1277	502
3856	Mahogany-UL VY LT	912	359	869	342	782	307
3857	Rosewood-DK	35	13	33	12	30	11
3858	Rosewood-MD	768	302	731	287	658	259
3859	Rosewood-LT	137	53	130	51	117	46
3860	Cocoa	991	390	944	371	850	334
3861	Cocoa-LT	1251	492	1191	468	1072	422
3862	Mocha Beige-DK	1031	405	982	386	884	348
3863	Mocha Beige-MD	1121	441	1067	420	961	378
3864	Mocha Beige-LT	693	272	660	259	594	233
3865	Winter White	33	12	31	12	28	11

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	704	275	587	230	293	115
223	Shell Pink-LT	167	65	140	54	70	27
224	Shell Pink-VY LT	769	302	641	252	320	126
301	Mahogany-MD	391	153	326	128	163	64
310	Black	18281	7196	15234	5997	7617	2999
315	Antique Mauve-VY DK	1989	783	1658	653	829	326
317	Pewter Gray	3505	1379	2921	1149	1460	575
318	Steel Gray-LT	428	167	357	140	179	70
326	Rose-VY DK	160	63	134	53	67	26
347	Salmon-VY DK	540	212	450	177	225	89
353	Peach	2615	1030	2180	858	1090	429
355	Terra Cotta-DK	1319	518	1100	432	550	216
356	Terra Cotta-MD	2968	1168	2474	974	1237	487
402	Mahogany-VY LT	1699	668	1416	557	708	278
407	Desert Sand-DK	515	202	429	168	215	84
413	Pewter Gray-DK	2133	839	1778	699	889	350
414	Steel Gray-DK	5738	2259	4782	1883	2391	941
415	Pearl Gray	319	124	266	104	133	52
420	Hazelnut Brown-DK	41	16	35	14	17	7
435	Brown-VY LT	308	121	257	101	128	50
436	Tan	707	277	590	231	295	116
437	Tan-LT	727	286	606	239	303	119
451	Shell Gray-DK	1028	403	857	336	428	168
452	Shell Gray-MD	797	313	665	261	332	131
453	Shell Gray-LT	598	234	498	195	249	98
500	Blue Green-VY DK	2754	1084	2295	903	1148	452
535	Ash Gray-VY LT	657	257	548	215	274	107
543	Beige Brown-UL VY LT	353	139	294	116	147	58
610	Drab Brown-DK	830	326	692	272	346	136
612	Drab Brown-LT	333	130	278	108	139	54
632	Desert Sand-UL VY DK	2120	833	1767	695	884	347
640	Beige Gray-VY DK	133	52	111	44	56	22
645	Beaver Gray-VY DK	511	200	426	167	213	83
647	Beaver Gray-MD	94	36	78	30	39	15
722	Orange Spice-LT	374	146	312	122	156	61
738	Tan-VY LT	340	133	284	111	142	56
739	Tan-UL VY LT	43	16	36	14	18	7
745	Yellow-LT Pale	2380	936	1983	780	992	390
746	Off White	842	331	702	276	351	138
754	Peach-LT	562	220	468	183	234	92
758	Terra Cotta-VY LT	1152	452	960	377	480	188
778	Antique Mauve-VY LT	605	238	504	198	252	99
822	Beige Gray-LT	139	54	116	45	58	23
823	Navy Blue-DK	4959	1951	4133	1626	2066	813
838	Beige Brown-VY DK	1690	664	1409	554	704	277
839	Beige Brown-DK	3046	1199	2538	999	1269	500
840	Beige Brown-MD	202	79	168	66	84	33
841	Beige Brown-LT	252	99	210	83	105	41
842	Beige Brown-VY LT	491	193	410	161	205	80
844	Beaver Brown-UL DK	2659	1046	2216	872	1108	436
902	Garnet-VY DK	333	130	278	108	139	54
922	Copper-LT	77	29	65	24	32	12
924	Gray Green--VY DK	3953	1555	3294	1296	1647	648

926	Gray Green-MD	61	23	51	20	26	10
927	Gray Green-LT	736	290	614	242	307	121
928	Gray Green-VY LT	657	257	548	215	274	107
930	Antique Blue-DK	646	254	539	212	269	106
931	Antique Blue-MD	749	293	624	245	312	122
934	Black Avocado Green	828	326	690	272	345	136
938	Coffee Brown-UL DK	2380	936	1983	780	992	390
945	Tawny	896	353	747	294	374	147
948	Peach-VY LT	266	104	222	87	111	44
950	Desert Sand-LT	1291	508	1076	423	538	212
977	Golden Brown-LT	119	45	99	38	50	19
3021	Brown Gray-VY DK	713	279	594	233	297	116
3022	Brown Gray-MD	113	43	95	36	47	18
3041	Antique Violet-MD	1570	617	1308	515	654	257
3042	Antique Violet-LT	1692	666	1410	555	705	278
3064	Desert Sand	963	378	803	315	401	158
3078	Golden Yellow-VY LT	1071	421	893	351	446	176
3340	Apricot-MD	34	13	29	11	14	5
3341	Apricot	1022	401	852	335	426	167
3371	Black Brown	1582	623	1319	519	659	260
3685	Mauve-DK	234	92	195	77	98	38
3721	Shell Pink-DK	2128	837	1773	698	887	349
3726	Antique Mauve-DK	310	121	258	101	129	50
3740	Antique Violet-DK	817	320	681	267	341	134
3750	Antique Blue-VY DK	500	196	417	164	209	82
3768	Gray Green-DK	650	256	542	213	271	107
3770	Tawny-VY LT	194	76	162	63	81	32
3772	Desert Sand-VY DK	3202	1260	2669	1050	1334	525
3776	Mahogany-LT	302	119	252	99	126	50
3778	Terra Cotta-LT	1224	481	1020	401	510	200
3779	Terra Cotta-UL VY LT	493	193	411	161	206	80
3787	Brown Gray-DK	1411	554	1176	462	588	231
3790	Beige Gray-UL DK	274	106	228	89	114	44
3799	Pewter Gray-VY DK	10615	4178	8846	3482	4423	1741
3802	Antique Mauve-VY DK	3166	1246	2639	1038	1319	519
3809	Turquoise-VY DK	58	22	48	18	24	9
3823	Yellow-UL Pale	3566	1402	2972	1169	1486	584
3824	Apricot-LT	3420	1346	2850	1122	1425	561
3825	Pumpkin-Pale	2633	1035	2195	863	1097	431
3827	Golden Brown-Pale	43	16	36	14	18	7
3828	Hazelnut Brown	851	335	710	279	355	140
3830	Terra Cotta-MD	1094	430	912	359	456	179
3855	Autumn Gold-LT	2299	904	1916	753	958	377
3856	Mahogany-UL VY LT	1408	553	1173	461	587	230
3857	Rosewood-DK	54	20	45	17	23	8
3858	Rosewood-MD	1184	466	987	389	494	194
3859	Rosewood-LT	211	83	176	69	88	35
3860	Cocoa	1530	601	1275	501	638	251
3861	Cocoa-LT	1930	760	1608	633	804	317
3862	Mocha Beige-DK	1591	626	1326	522	663	261
3863	Mocha Beige-MD	1730	680	1442	567	721	284
3864	Mocha Beige-LT	1069	419	891	350	446	175
3865	Winter White	50	20	42	17	21	8

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	282	110	271	106	261	102
223	Shell Pink-LT	67	26	64	25	62	24
224	Shell Pink-VY LT	307	121	296	116	285	112
301	Mahogany-MD	156	61	150	59	145	57
310	Black	7312	2879	7031	2768	6771	2665
315	Antique Mauve-VY DK	796	313	765	301	737	290
317	Pewter Gray	1402	552	1348	530	1298	511
318	Steel Gray-LT	171	67	165	64	159	62
326	Rose-VY DK	64	25	62	24	59	23
347	Salmon-VY DK	216	85	208	82	200	79
353	Peach	1046	412	1006	396	969	381
355	Terra Cotta-DK	528	207	507	199	489	192
356	Terra Cotta-MD	1187	467	1142	449	1099	433
402	Mahogany-VY LT	680	267	654	257	629	247
407	Desert Sand-DK	206	81	198	78	191	75
413	Pewter Gray-DK	853	336	820	323	790	311
414	Steel Gray-DK	2295	904	2207	869	2125	837
415	Pearl Gray	127	50	123	48	118	46
420	Hazelnut Brown-DK	17	6	16	6	15	6
435	Brown-VY LT	123	48	118	46	114	45
436	Tan	283	111	272	107	262	103
437	Tan-LT	291	114	280	110	269	106
451	Shell Gray-DK	411	161	395	155	381	149
452	Shell Gray-MD	319	125	307	120	295	116
453	Shell Gray-LT	239	94	230	90	221	87
500	Blue Green-VY DK	1102	433	1059	417	1020	401
535	Ash Gray-VY LT	263	103	253	99	243	95
543	Beige Brown-UL VY LT	141	55	136	53	131	51
610	Drab Brown-DK	332	130	319	125	307	121
612	Drab Brown-LT	133	52	128	50	123	48
632	Desert Sand-UL VY DK	848	333	816	321	785	309
640	Beige Gray-VY DK	53	21	51	20	49	19
645	Beaver Gray-VY DK	204	80	197	77	189	74
647	Beaver Gray-MD	37	14	36	14	35	13
722	Orange Spice-LT	150	58	144	56	139	54
738	Tan-VY LT	136	53	131	51	126	49
739	Tan-UL VY LT	17	6	17	6	16	6
745	Yellow-LT Pale	952	374	915	360	881	347
746	Off White	337	132	324	127	312	123
754	Peach-LT	225	88	216	84	208	81
758	Terra Cotta-VY LT	461	181	443	174	427	167
778	Antique Mauve-VY LT	242	95	233	91	224	88
822	Beige Gray-LT	55	22	53	21	51	20
823	Navy Blue-DK	1984	780	1907	750	1837	723
838	Beige Brown-VY DK	676	266	650	255	626	246
839	Beige Brown-DK	1218	480	1171	461	1128	444
840	Beige Brown-MD	81	32	78	30	75	29
841	Beige Brown-LT	101	40	97	38	93	37
842	Beige Brown-VY LT	197	77	189	74	182	71
844	Beaver Brown-UL DK	1063	418	1023	402	985	387
902	Garnet-VY DK	133	52	128	50	123	48
922	Copper-LT	31	12	30	11	29	11
924	Gray Green--VY DK	1581	622	1520	598	1464	576

926	Gray Green-MD	24	9	24	9	23	9
927	Gray Green-LT	294	116	283	111	273	107
928	Gray Green-VY LT	263	103	253	99	243	95
930	Antique Blue-DK	258	102	249	98	239	94
931	Antique Blue-MD	300	117	288	113	277	109
934	Black Avocado Green	331	130	318	125	307	121
938	Coffee Brown-UL DK	952	374	915	360	881	347
945	Tawny	359	141	345	136	332	131
948	Peach-VY LT	107	42	102	40	99	39
950	Desert Sand-LT	516	203	496	195	478	188
977	Golden Brown-LT	48	18	46	17	44	17
3021	Brown Gray-VY DK	285	112	274	107	264	103
3022	Brown Gray-MD	45	17	44	17	42	16
3041	Antique Violet-MD	628	247	604	237	581	229
3042	Antique Violet-LT	677	266	651	256	627	247
3064	Desert Sand	385	151	370	145	357	140
3078	Golden Yellow-VY LT	428	168	412	162	397	156
3340	Apricot-MD	14	5	13	5	13	5
3341	Apricot	409	161	393	154	379	149
3371	Black Brown	633	249	609	240	586	231
3685	Mauve-DK	94	37	90	35	87	34
3721	Shell Pink-DK	851	335	818	322	788	310
3726	Antique Mauve-DK	124	48	119	46	115	45
3740	Antique Violet-DK	327	128	314	123	303	119
3750	Antique Blue-VY DK	200	78	192	75	185	73
3768	Gray Green-DK	260	102	250	98	241	95
3770	Tawny-VY LT	78	30	75	29	72	28
3772	Desert Sand-VY DK	1281	504	1232	485	1186	467
3776	Mahogany-LT	121	48	116	46	112	44
3778	Terra Cotta-LT	490	192	471	185	453	178
3779	Terra Cotta-UL VY LT	197	77	190	74	183	71
3787	Brown Gray-DK	564	222	543	213	523	205
3790	Beige Gray-UL DK	109	42	105	41	101	39
3799	Pewter Gray-VY DK	4246	1671	4083	1607	3931	1547
3802	Antique Mauve-VY DK	1266	498	1218	479	1173	461
3809	Turquoise-VY DK	23	9	22	8	21	8
3823	Yellow-UL Pale	1426	561	1371	539	1321	519
3824	Apricot-LT	1368	539	1315	518	1267	499
3825	Pumpkin-Pale	1053	414	1013	398	975	383
3827	Golden Brown-Pale	17	6	17	6	16	6
3828	Hazelnut Brown	341	134	327	129	315	124
3830	Terra Cotta-MD	438	172	421	165	405	159
3855	Autumn Gold-LT	919	361	884	348	851	335
3856	Mahogany-UL VY LT	563	221	541	213	521	205
3857	Rosewood-DK	22	8	21	8	20	7
3858	Rosewood-MD	474	186	456	179	439	173
3859	Rosewood-LT	84	33	81	32	78	31
3860	Cocoa	612	240	588	231	567	223
3861	Cocoa-LT	772	304	742	292	715	281
3862	Mocha Beige-DK	636	251	612	241	589	232
3863	Mocha Beige-MD	692	272	665	262	641	252
3864	Mocha Beige-LT	428	168	411	161	396	155
3865	Winter White	20	8	19	8	19	7

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	251	98	235	92	220	86
223	Shell Pink-LT	60	23	56	22	52	20
224	Shell Pink-VY LT	275	108	256	101	240	95
301	Mahogany-MD	140	55	130	51	122	48
310	Black	6529	2570	6094	2399	5713	2249
315	Antique Mauve-VY DK	710	280	663	261	622	245
317	Pewter Gray	1252	492	1168	460	1095	431
318	Steel Gray-LT	153	60	143	56	134	52
326	Rose-VY DK	57	23	53	21	50	20
347	Salmon-VY DK	193	76	180	71	169	66
353	Peach	934	368	872	343	817	322
355	Terra Cotta-DK	471	185	440	173	412	162
356	Terra Cotta-MD	1060	417	989	389	928	365
402	Mahogany-VY LT	607	239	566	223	531	209
407	Desert Sand-DK	184	72	172	67	161	63
413	Pewter Gray-DK	762	300	711	280	667	262
414	Steel Gray-DK	2049	807	1913	753	1793	706
415	Pearl Gray	114	44	106	41	100	39
420	Hazelnut Brown-DK	15	6	14	5	13	5
435	Brown-VY LT	110	43	103	40	96	38
436	Tan	253	99	236	92	221	87
437	Tan-LT	260	102	242	95	227	89
451	Shell Gray-DK	367	144	343	134	321	126
452	Shell Gray-MD	285	112	266	104	249	98
453	Shell Gray-LT	213	84	199	78	187	73
500	Blue Green-VY DK	984	387	918	361	861	339
535	Ash Gray-VY LT	235	92	219	86	205	80
543	Beige Brown-UL VY LT	126	50	118	46	110	43
610	Drab Brown-DK	296	116	277	109	259	102
612	Drab Brown-LT	119	46	111	43	104	41
632	Desert Sand-UL VY DK	757	298	707	278	663	260
640	Beige Gray-VY DK	48	19	44	17	42	16
645	Beaver Gray-VY DK	183	71	170	67	160	62
647	Beaver Gray-MD	33	13	31	12	29	11
722	Orange Spice-LT	134	52	125	49	117	46
738	Tan-VY LT	122	48	113	44	106	42
739	Tan-UL VY LT	15	6	14	5	14	5
745	Yellow-LT Pale	850	334	793	312	744	293
746	Off White	301	118	281	110	263	104
754	Peach-LT	201	78	187	73	176	69
758	Terra Cotta-VY LT	411	161	384	151	360	141
778	Antique Mauve-VY LT	216	85	202	79	189	74
822	Beige Gray-LT	50	19	46	18	43	17
823	Navy Blue-DK	1771	697	1653	650	1550	610
838	Beige Brown-VY DK	604	237	563	221	528	208
839	Beige Brown-DK	1088	428	1015	400	952	375
840	Beige Brown-MD	72	28	67	26	63	25
841	Beige Brown-LT	90	35	84	33	79	31
842	Beige Brown-VY LT	176	69	164	64	154	60
844	Beaver Brown-UL DK	950	374	886	349	831	327
902	Garnet-VY DK	119	46	111	43	104	41
922	Copper-LT	28	10	26	10	24	9
924	Gray Green--VY DK	1412	555	1318	518	1235	486

926	Gray Green-MD	22	8	20	8	19	7
927	Gray Green-LT	263	104	245	97	230	91
928	Gray Green-VY LT	235	92	219	86	205	80
930	Antique Blue-DK	231	91	215	85	202	79
931	Antique Blue-MD	267	105	250	98	234	92
934	Black Avocado Green	296	116	276	109	259	102
938	Coffee Brown-UL DK	850	334	793	312	744	293
945	Tawny	320	126	299	118	280	110
948	Peach-VY LT	95	37	89	35	83	33
950	Desert Sand-LT	461	181	430	169	403	159
977	Golden Brown-LT	42	16	40	15	37	14
3021	Brown Gray-VY DK	255	100	238	93	223	87
3022	Brown Gray-MD	41	15	38	14	35	14
3041	Antique Violet-MD	561	221	523	206	491	193
3042	Antique Violet-LT	604	238	564	222	529	208
3064	Desert Sand	344	135	321	126	301	118
3078	Golden Yellow-VY LT	383	150	357	140	335	132
3340	Apricot-MD	12	5	11	4	11	4
3341	Apricot	365	143	341	134	320	125
3371	Black Brown	565	222	527	208	494	195
3685	Mauve-DK	84	33	78	31	73	29
3721	Shell Pink-DK	760	299	709	279	665	262
3726	Antique Mauve-DK	111	43	103	40	97	38
3740	Antique Violet-DK	292	114	272	107	255	100
3750	Antique Blue-VY DK	179	70	167	65	156	61
3768	Gray Green-DK	232	91	217	85	203	80
3770	Tawny-VY LT	69	27	65	25	61	24
3772	Desert Sand-VY DK	1144	450	1067	420	1001	394
3776	Mahogany-LT	108	42	101	40	95	37
3778	Terra Cotta-LT	437	172	408	160	383	150
3779	Terra Cotta-UL VY LT	176	69	164	64	154	60
3787	Brown Gray-DK	504	198	470	185	441	173
3790	Beige Gray-UL DK	98	38	91	35	86	33
3799	Pewter Gray-VY DK	3791	1492	3538	1393	3317	1306
3802	Antique Mauve-VY DK	1131	445	1055	415	989	389
3809	Turquoise-VY DK	21	8	19	7	18	7
3823	Yellow-UL Pale	1274	501	1189	467	1114	438
3824	Apricot-LT	1221	481	1140	449	1069	421
3825	Pumpkin-Pale	941	370	878	345	823	323
3827	Golden Brown-Pale	15	6	14	5	14	5
3828	Hazelnut Brown	304	120	284	112	266	105
3830	Terra Cotta-MD	391	154	365	143	342	134
3855	Autumn Gold-LT	821	323	766	301	718	282
3856	Mahogany-UL VY LT	503	197	469	184	440	173
3857	Rosewood-DK	19	7	18	7	17	6
3858	Rosewood-MD	423	167	395	155	370	146
3859	Rosewood-LT	75	30	70	28	66	26
3860	Cocoa	546	215	510	200	478	188
3861	Cocoa-LT	689	271	643	253	603	237
3862	Mocha Beige-DK	568	224	530	209	497	196
3863	Mocha Beige-MD	618	243	577	227	541	213
3864	Mocha Beige-LT	382	150	356	140	334	131
3865	Winter White	18	7	17	7	16	6

	10										20										30										40										50									
10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
20	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32																		

(14)

(15)

(16)

(17)

(18)

	290	300	310	320	330
10					
20					
30					
40					
50					
60					
70					

	340	350	360	370	380
10					
20					
30					
40					
50					
60					
70					

(21)

(22)



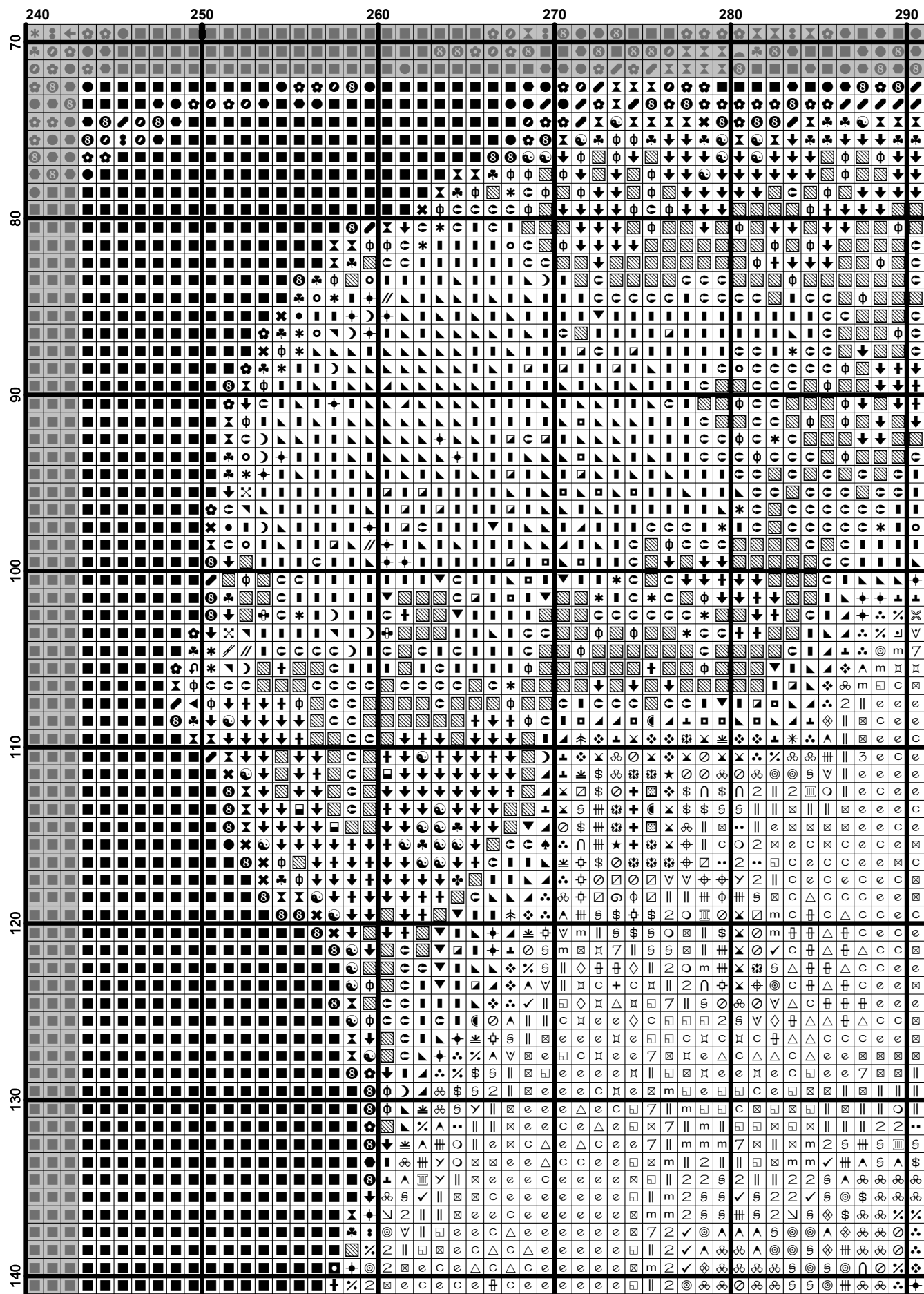
(24)

	50	60	70	80	90
70					
80					
90					
100					
110					
120					
130					
140					

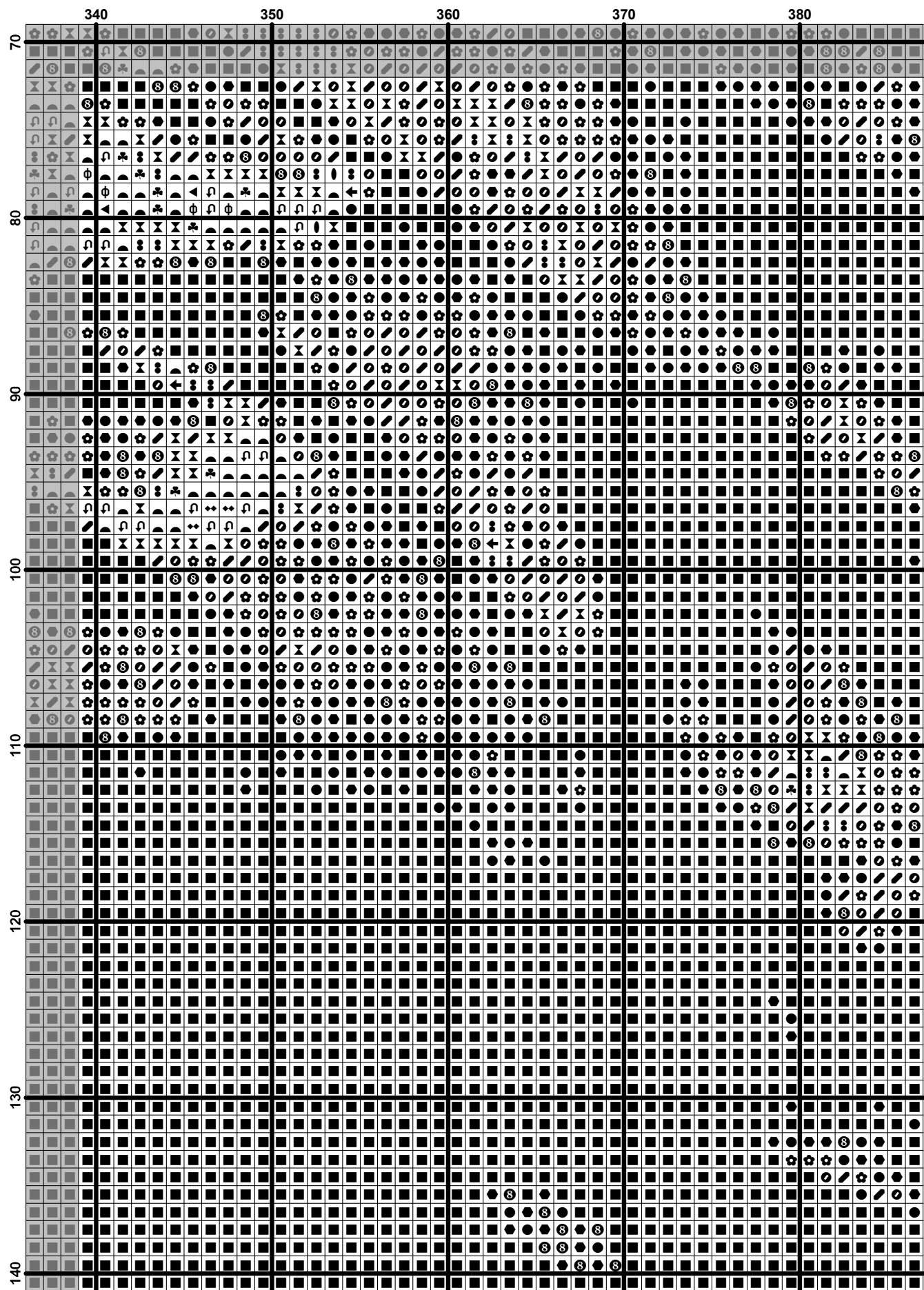
[illegible]

(27)

(28)



	290	300	310	320	330
70					
80					
90					
100					
110					
120					
130					
140					





	440	450	460	470	480
70					
80					
90					
100					
110					
120					
130					
140					

	480	490	500
70			
80			
90			
100			
110			
120			
130			
140			

	10										20										30										40										50									
140	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
150	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
160	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
170	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
180	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
190	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
200	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
210	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						
	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#						

	50	60	70	80	90
140	X	X	X	X	X
141	X	X	X	X	X
142	X	X	X	X	X
143	X	X	X	X	X
144	X	X	X	X	X
145	X	X	X	X	X
146	X	X	X	X	X
147	X	X	X	X	X
148	X	X	X	X	X
149	X	X	X	X	X
150	X	X	X	X	X
151	X	X	X	X	X
152	X	X	X	X	X
153	X	X	X	X	X
154	X	X	X	X	X
155	X	X	X	X	X
156	X	X	X	X	X
157	X	X	X	X	X
158	X	X	X	X	X
159	X	X	X	X	X
160	X	X	X	X	X
161	X	X	X	X	X
162	X	X	X	X	X
163	X	X	X	X	X
164	X	X	X	X	X
165	X	X	X	X	X
166	X	X	X	X	X
167	X	X	X	X	X
168	X	X	X	X	X
169	X	X	X	X	X
170	X	X	X	X	X
171	X	X	X	X	X
172	X	X	X	X	X
173	X	X	X	X	X
174	X	X	X	X	X
175	X	X	X	X	X
176	X	X	X	X	X
177	X	X	X	X	X
178	X	X	X	X	X
179	X	X	X	X	X
180	X	X	X	X	X
181	X	X	X	X	X
182	X	X	X	X	X
183	X	X	X	X	X
184	X	X	X	X	X
185	X	X	X	X	X
186	X	X	X	X	X
187	X	X	X	X	X
188	X	X	X	X	X
189	X	X	X	X	X
190	X	X	X	X	X
191	X	X	X	X	X
192	X	X	X	X	X
193	X	X	X	X	X
194	X	X	X	X	X
195	X	X	X	X	X
196	X	X	X	X	X
197	X	X	X	X	X
198	X	X	X	X	X
199	X	X	X	X	X
200	X	X	X	X	X
201	X	X	X	X	X
202	X	X	X	X	X
203	X	X	X	X	X
204	X	X	X	X	X
205	X	X	X	X	X
206	X	X	X	X	X
207	X	X	X	X	X
208	X	X	X	X	X
209	X	X	X	X	X
210	X	X	X	X	X

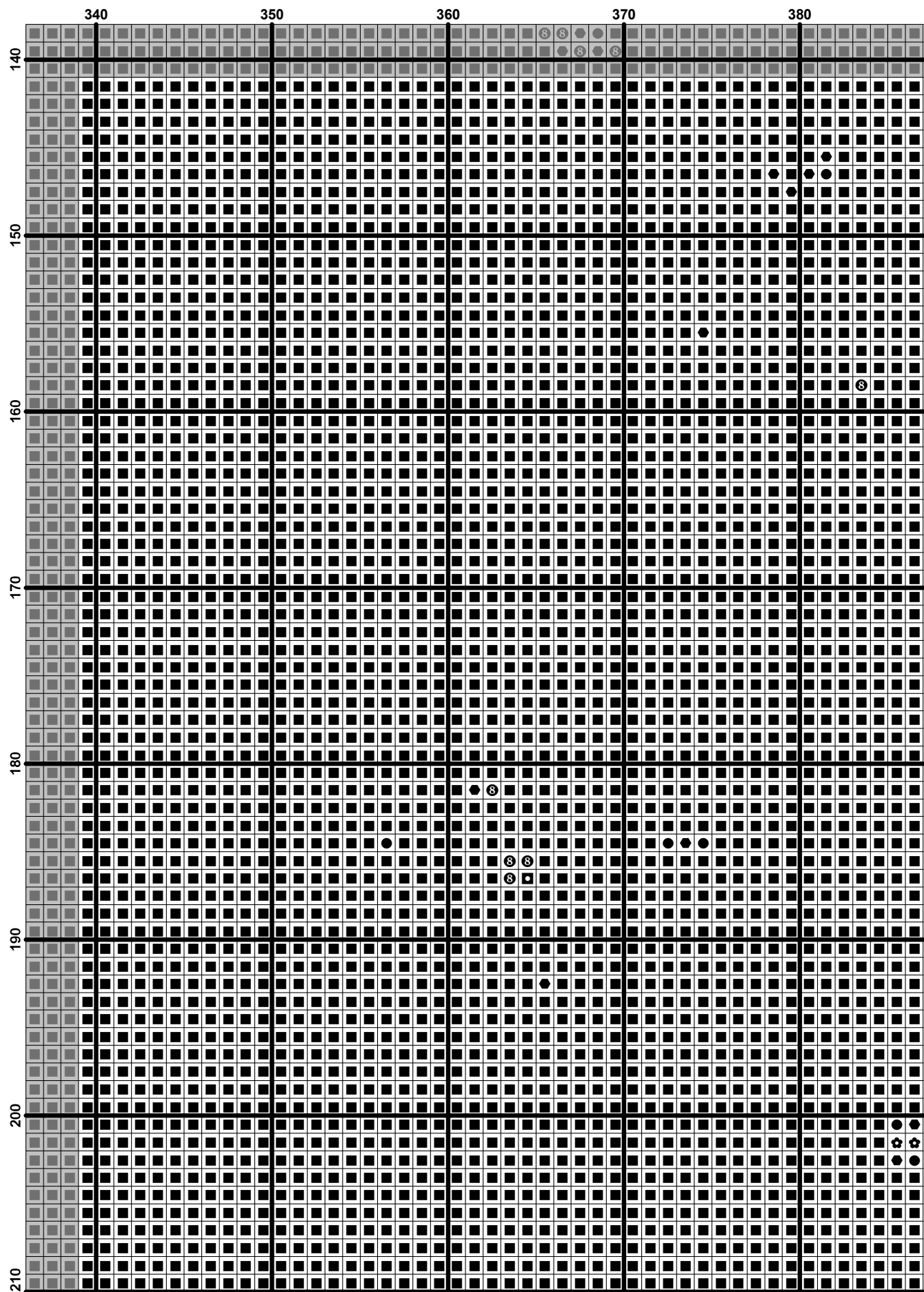
	100	110	120	130	140
140	?	?	?	?	?
150	?	?	?	?	?
160	?	?	?	?	?
170	?	?	?	?	?
180	?	?	?	?	?
190	?	?	?	?	?
200	?	?	?	?	?
210	?	?	?	?	?

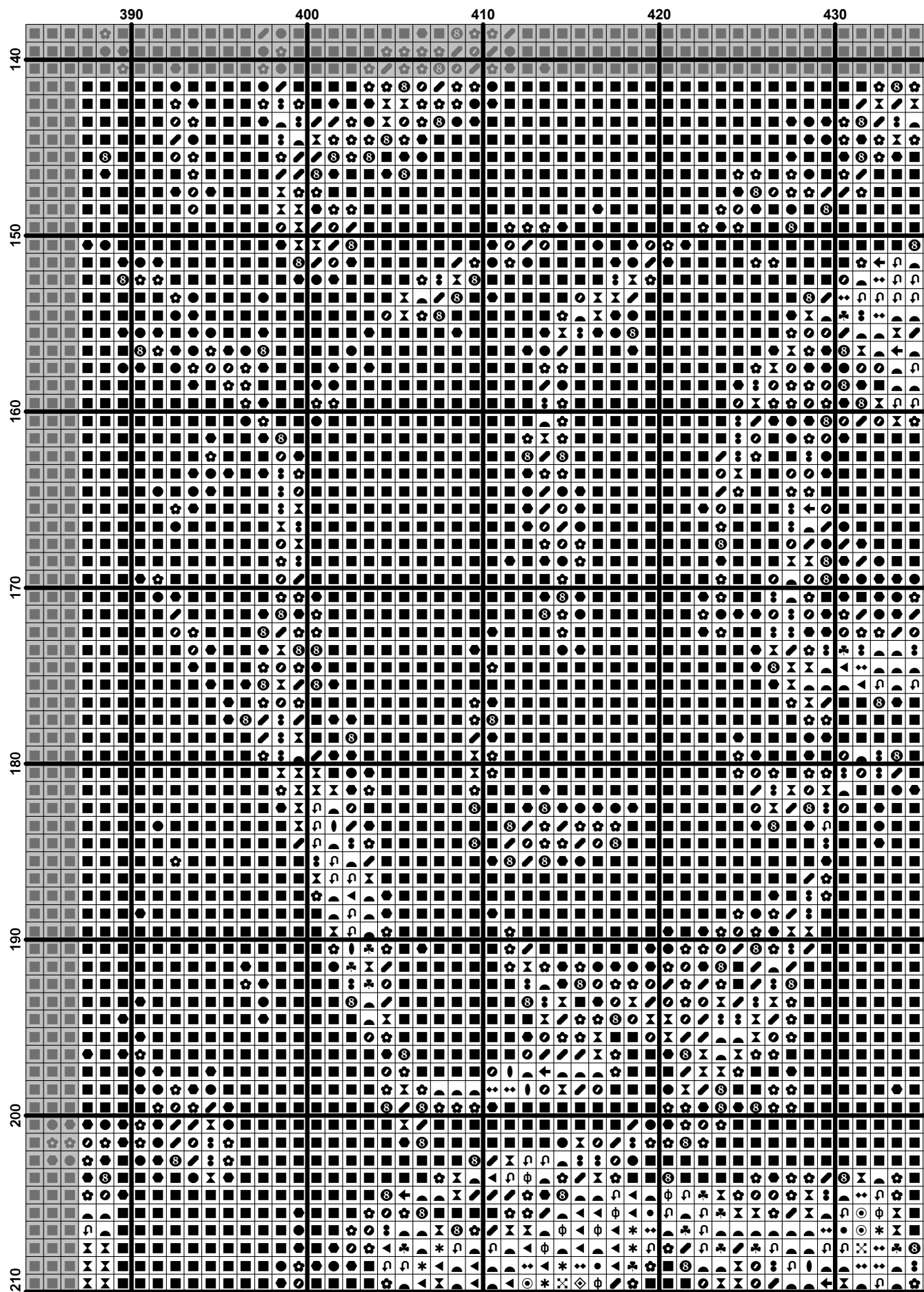
(38)

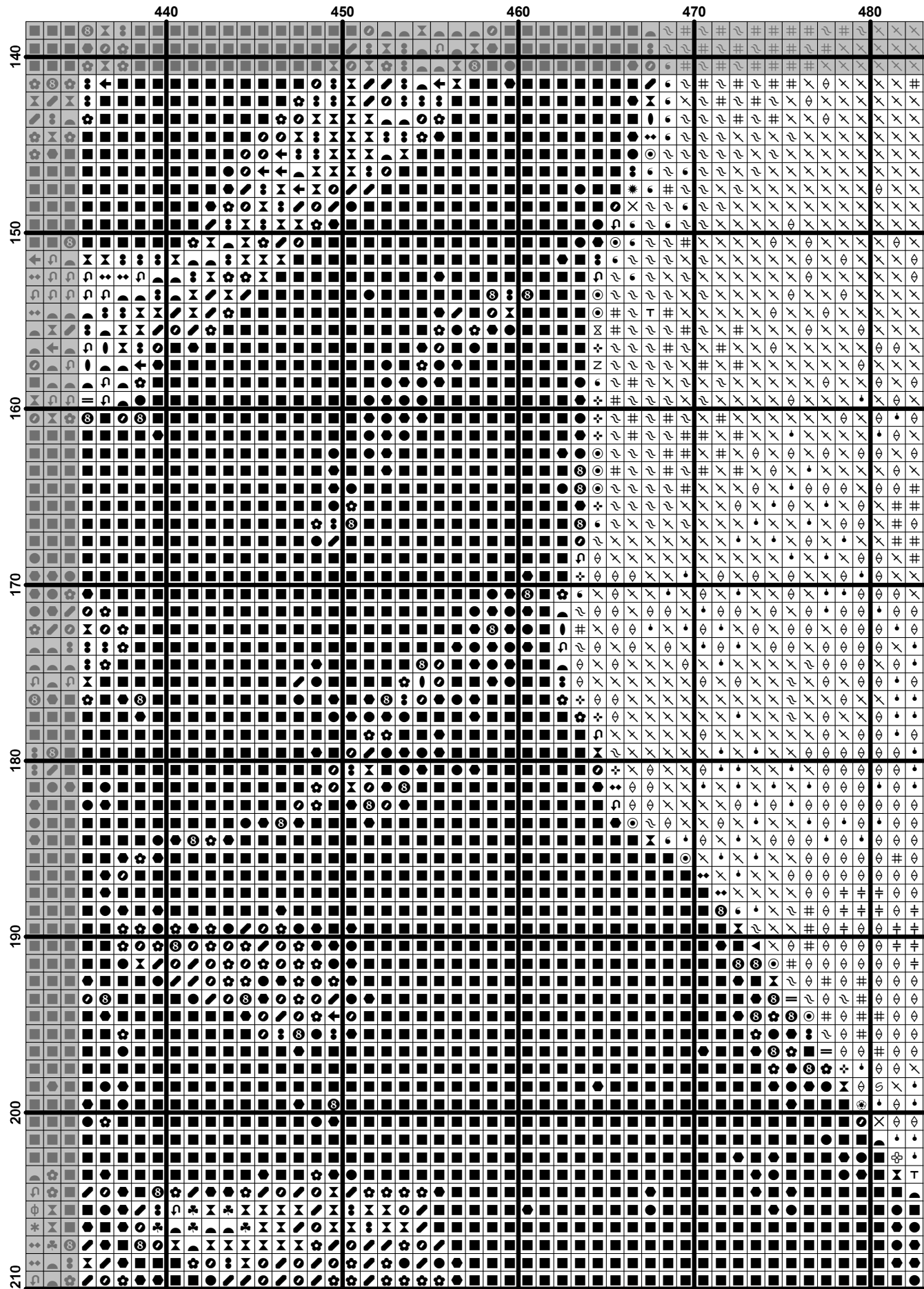
[illegible]

	240	250	260	270	280	290
140						
150						
160						
170						
180						
190						
200						
210						

	290	300	310	320	330
140	⊙	⊙	⊙	⊙	⊙
141	⊙	⊙	⊙	⊙	⊙
142	⊙	⊙	⊙	⊙	⊙
143	⊙	⊙	⊙	⊙	⊙
144	⊙	⊙	⊙	⊙	⊙
145	⊙	⊙	⊙	⊙	⊙
146	⊙	⊙	⊙	⊙	⊙
147	⊙	⊙	⊙	⊙	⊙
148	⊙	⊙	⊙	⊙	⊙
149	⊙	⊙	⊙	⊙	⊙
150	⊙	⊙	⊙	⊙	⊙
151	⊙	⊙	⊙	⊙	⊙
152	⊙	⊙	⊙	⊙	⊙
153	⊙	⊙	⊙	⊙	⊙
154	⊙	⊙	⊙	⊙	⊙
155	⊙	⊙	⊙	⊙	⊙
156	⊙	⊙	⊙	⊙	⊙
157	⊙	⊙	⊙	⊙	⊙
158	⊙	⊙	⊙	⊙	⊙
159	⊙	⊙	⊙	⊙	⊙
160	⊙	⊙	⊙	⊙	⊙
161	⊙	⊙	⊙	⊙	⊙
162	⊙	⊙	⊙	⊙	⊙
163	⊙	⊙	⊙	⊙	⊙
164	⊙	⊙	⊙	⊙	⊙
165	⊙	⊙	⊙	⊙	⊙
166	⊙	⊙	⊙	⊙	⊙
167	⊙	⊙	⊙	⊙	⊙
168	⊙	⊙	⊙	⊙	⊙
169	⊙	⊙	⊙	⊙	⊙
170	⊙	⊙	⊙	⊙	⊙
171	⊙	⊙	⊙	⊙	⊙
172	⊙	⊙	⊙	⊙	⊙
173	⊙	⊙	⊙	⊙	⊙
174	⊙	⊙	⊙	⊙	⊙
175	⊙	⊙	⊙	⊙	⊙
176	⊙	⊙	⊙	⊙	⊙
177	⊙	⊙	⊙	⊙	⊙
178	⊙	⊙	⊙	⊙	⊙
179	⊙	⊙	⊙	⊙	⊙
180	⊙	⊙	⊙	⊙	⊙
181	⊙	⊙	⊙	⊙	⊙
182	⊙	⊙	⊙	⊙	⊙
183	⊙	⊙	⊙	⊙	⊙
184	⊙	⊙	⊙	⊙	⊙
185	⊙	⊙	⊙	⊙	⊙
186	⊙	⊙	⊙	⊙	⊙
187	⊙	⊙	⊙	⊙	⊙
188	⊙	⊙	⊙	⊙	⊙
189	⊙	⊙	⊙	⊙	⊙
190	⊙	⊙	⊙	⊙	⊙
191	⊙	⊙	⊙	⊙	⊙
192	⊙	⊙	⊙	⊙	⊙
193	⊙	⊙	⊙	⊙	⊙
194	⊙	⊙	⊙	⊙	⊙
195	⊙	⊙	⊙	⊙	⊙
196	⊙	⊙	⊙	⊙	⊙
197	⊙	⊙	⊙	⊙	⊙
198	⊙	⊙	⊙	⊙	⊙
199	⊙	⊙	⊙	⊙	⊙
200	⊙	⊙	⊙	⊙	⊙
201	⊙	⊙	⊙	⊙	⊙
202	⊙	⊙	⊙	⊙	⊙
203	⊙	⊙	⊙	⊙	⊙
204	⊙	⊙	⊙	⊙	⊙
205	⊙	⊙	⊙	⊙	⊙
206	⊙	⊙	⊙	⊙	⊙
207	⊙	⊙	⊙	⊙	⊙
208	⊙	⊙	⊙	⊙	⊙
209	⊙	⊙	⊙	⊙	⊙
210	⊙	⊙	⊙	⊙	⊙





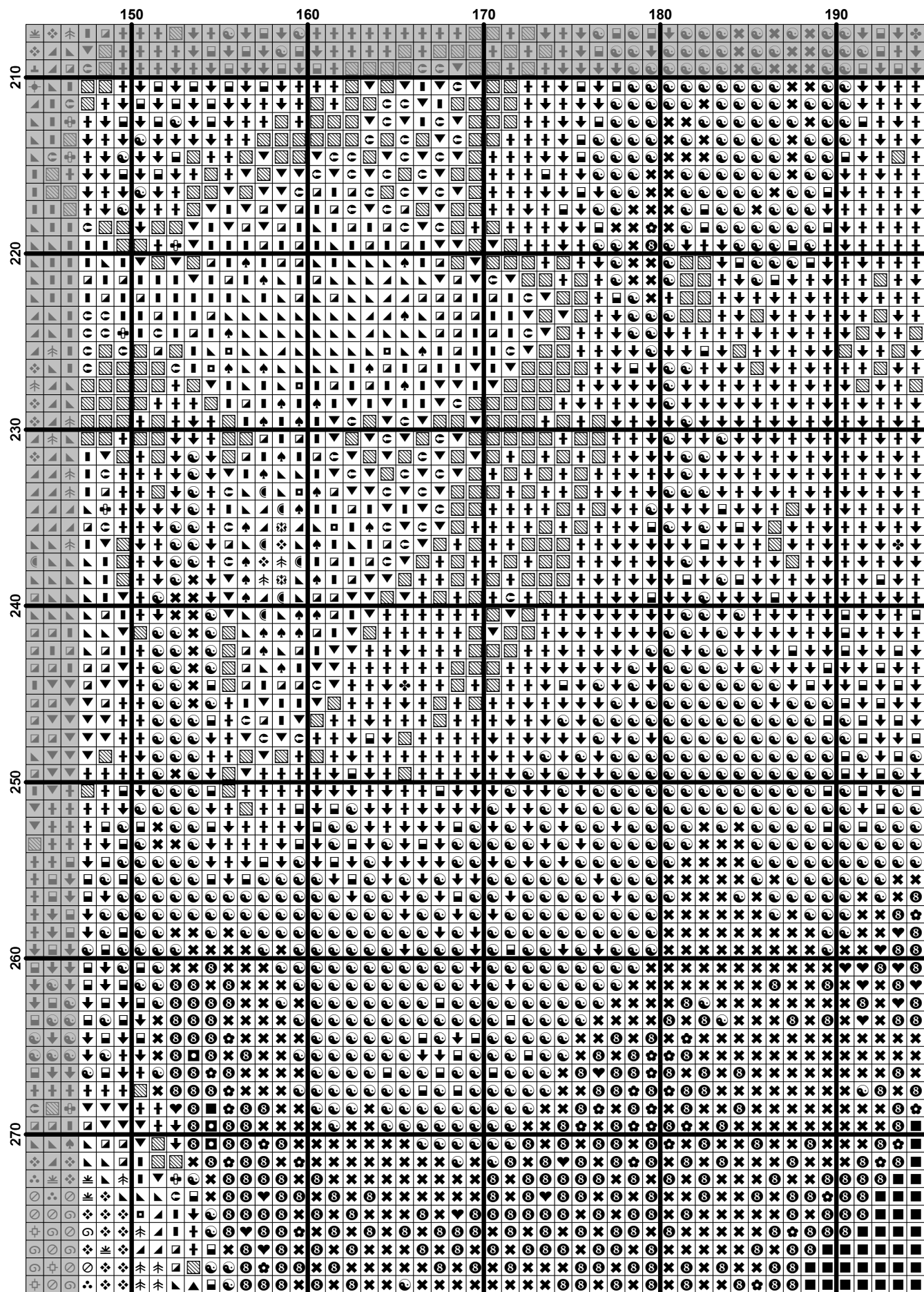


(44)

(46)

(47)

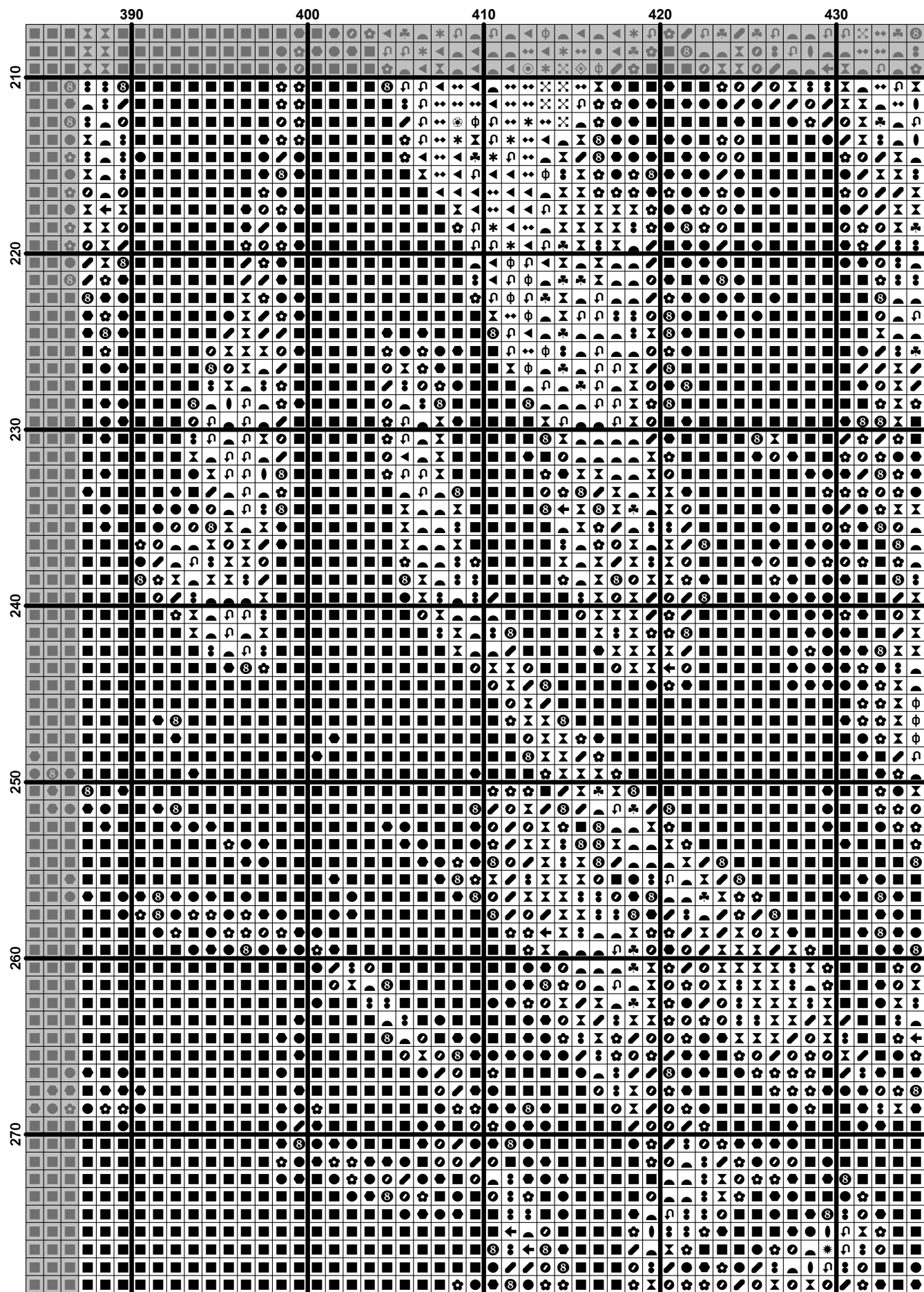
(48)

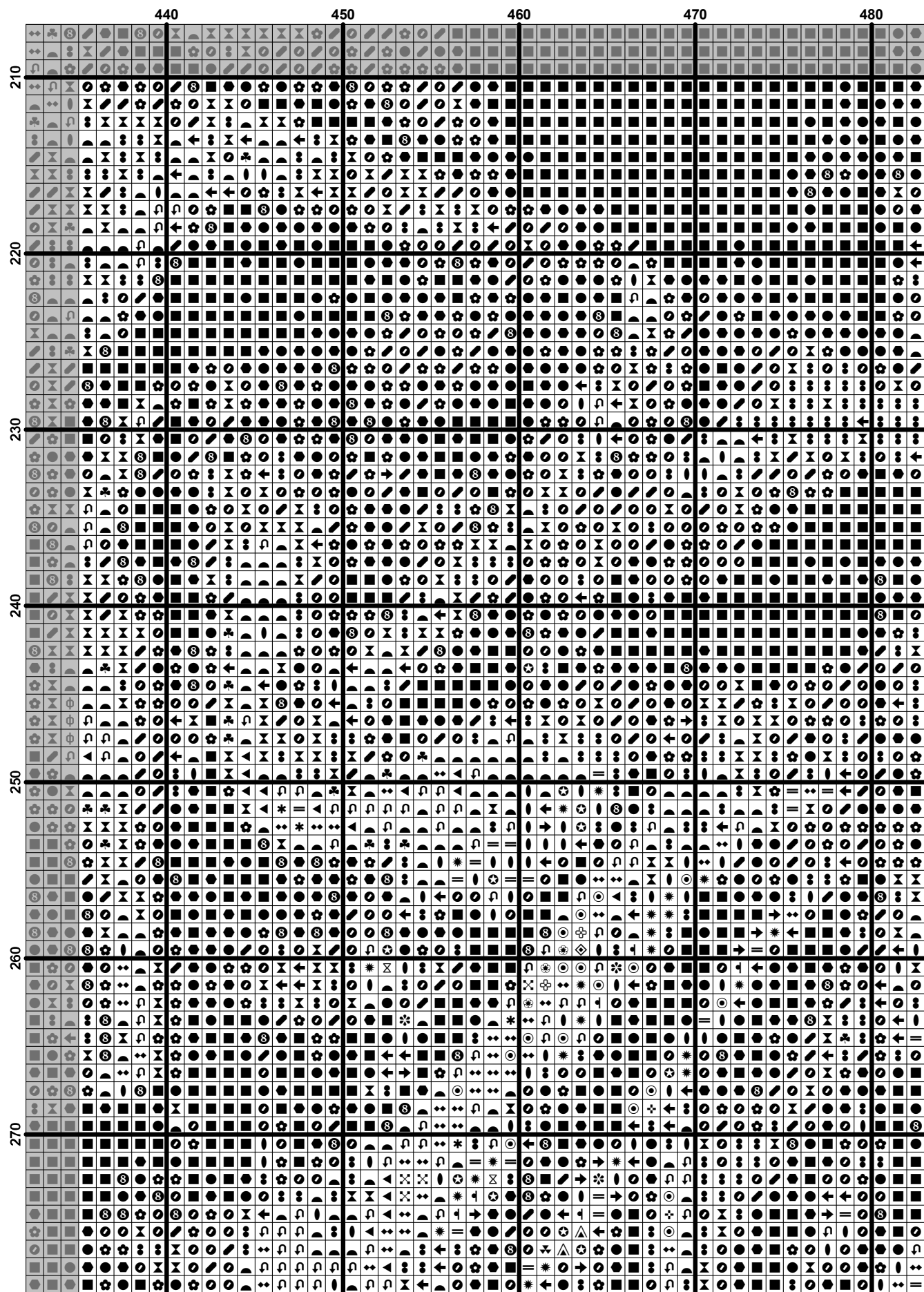


	200	210	220	230	240
210					
220					
230					
240					
250					
260					
270					

	240	250	260	270	280	290
210	240	250	260	270	280	290
220						
230						
240						
250						
260						
270						
280						
290						



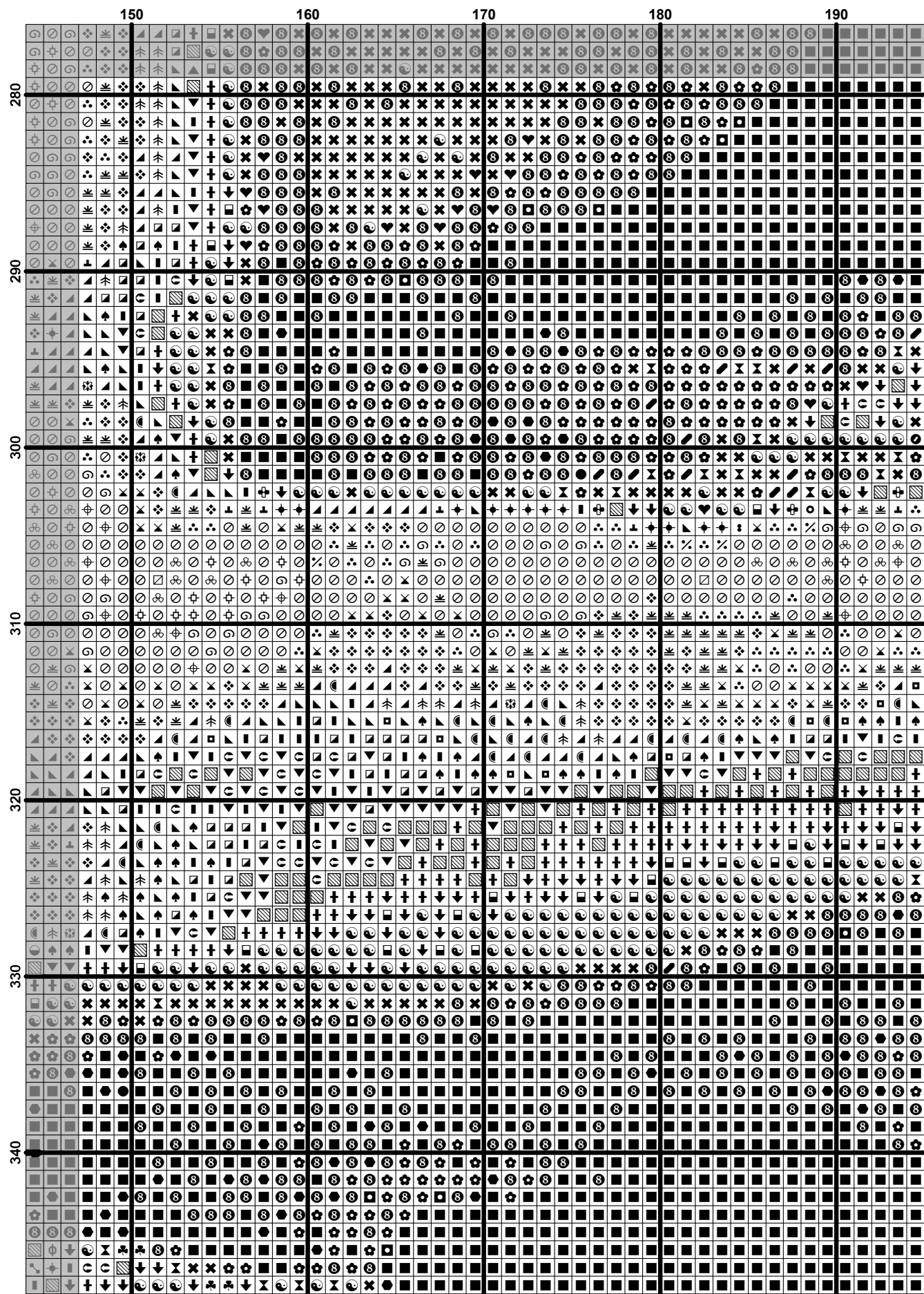




(57)

[illegible]

	100	110	120	130	140
280					
281					
282					
283					
284					
285					
286					
287					
288					
289					
290					
291					
292					
293					
294					
295					
296					
297					
298					
299					
300					
301					
302					
303					
304					
305					
306					
307					
308					
309					
310					
311					
312					
313					
314					
315					
316					
317					
318					
319					
320					
321					
322					
323					
324					
325					
326					
327					
328					
329					
330					
331					
332					
333					
334					
335					
336					
337					
338					
339					
340					



	200	210	220	230	240
280					
290					
300					
310					
320					
330					
340					

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

(63)

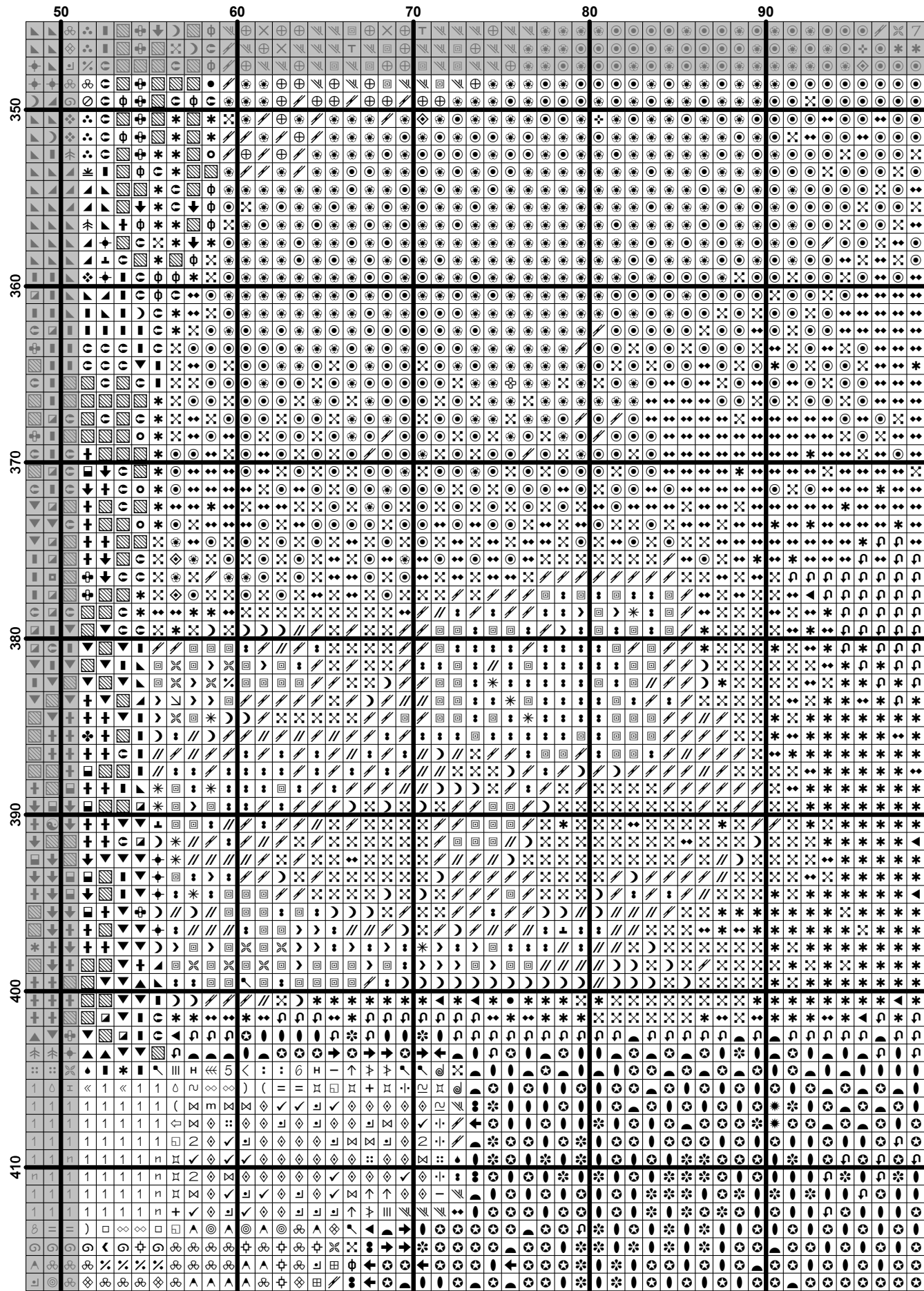


(65)

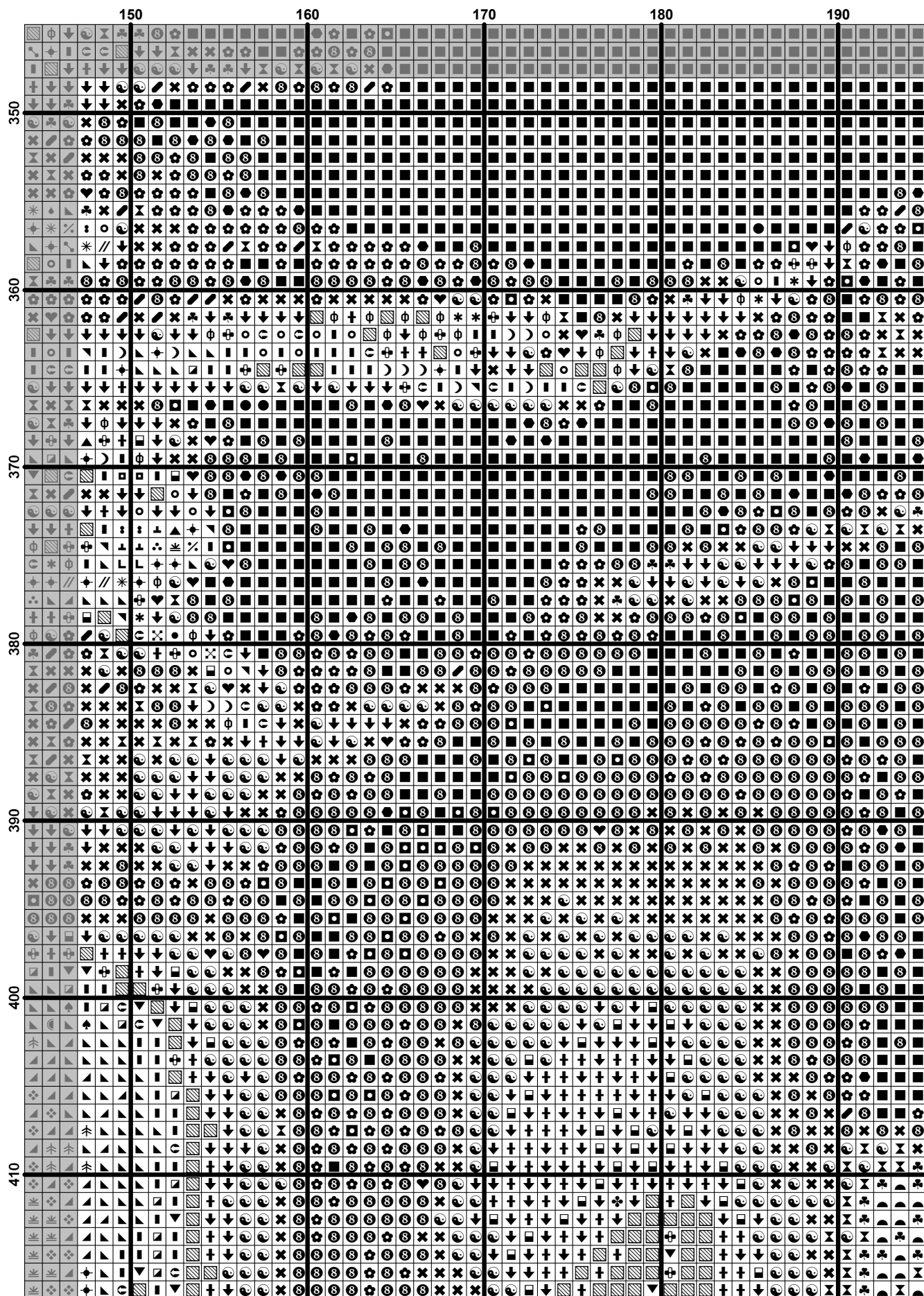
	440	450	460	470	480
280					
290					
300					
310					
320					
330					
340					

[illegible]

(68)



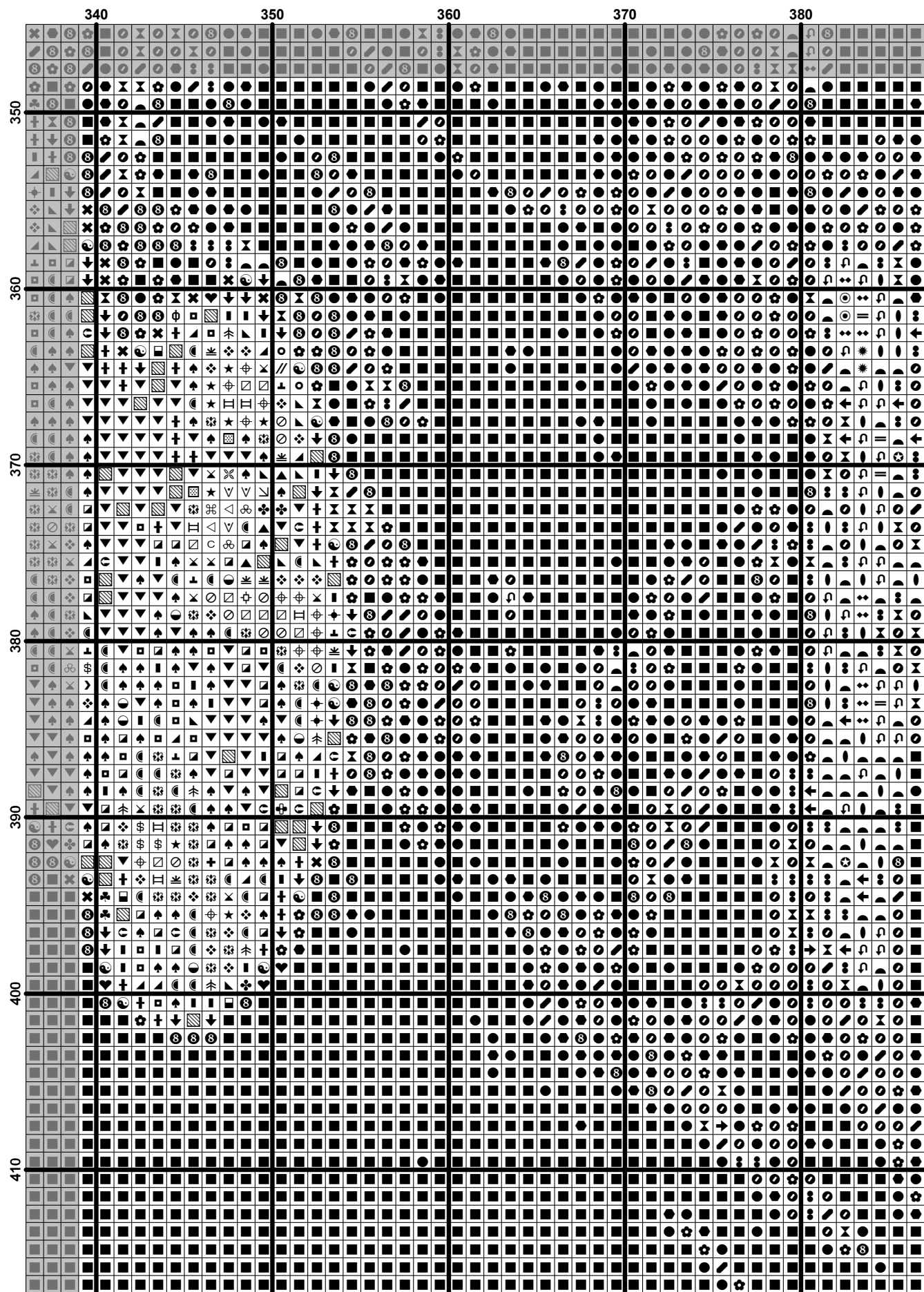


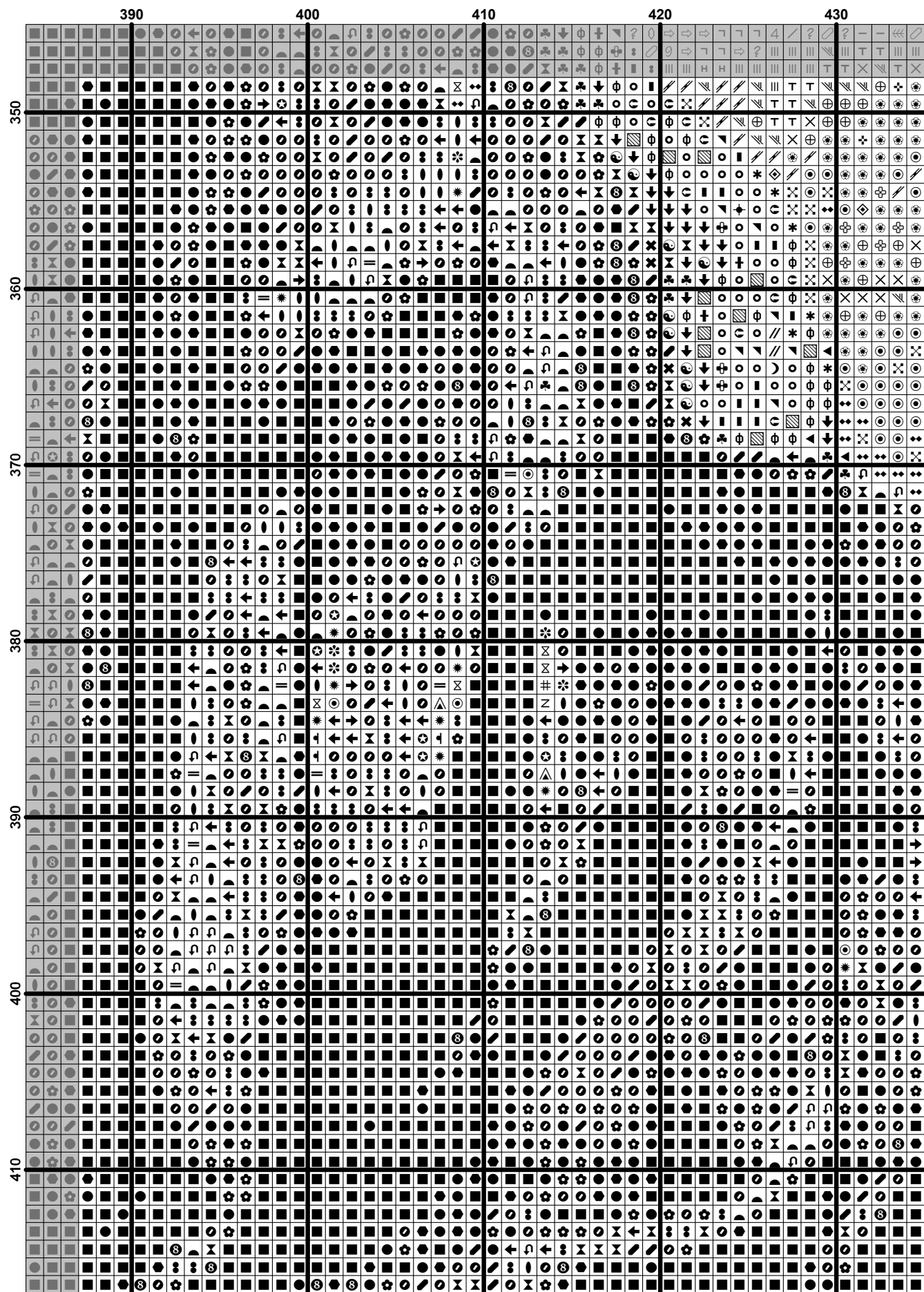


	200	210	220	230	240
350					
360					
370					
380					
390					
400					
410					

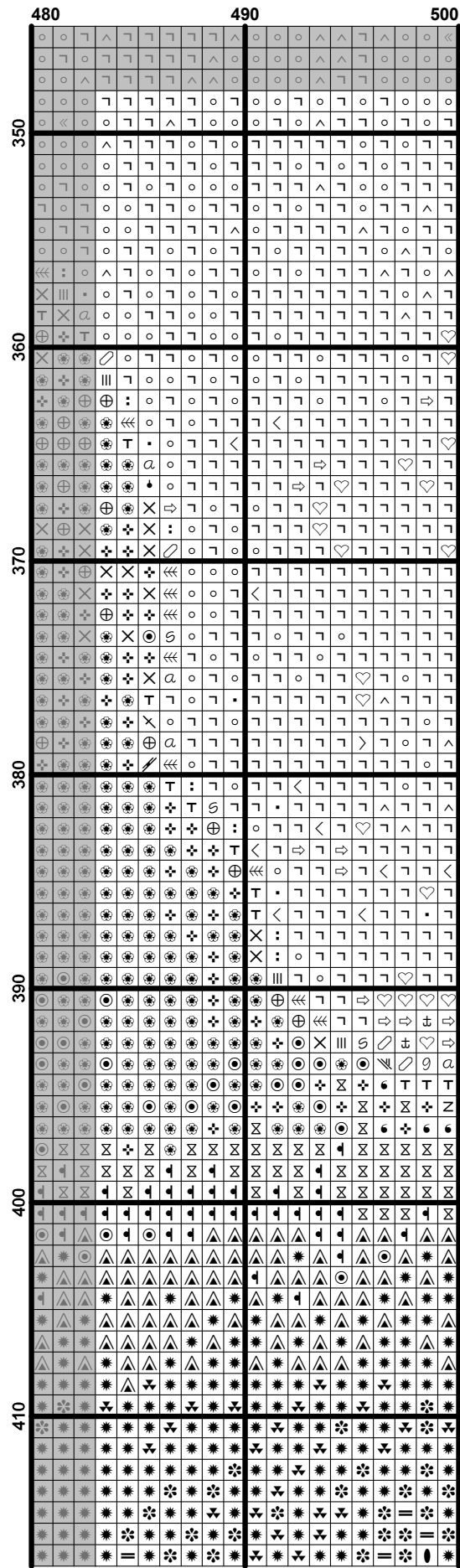
(73)

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



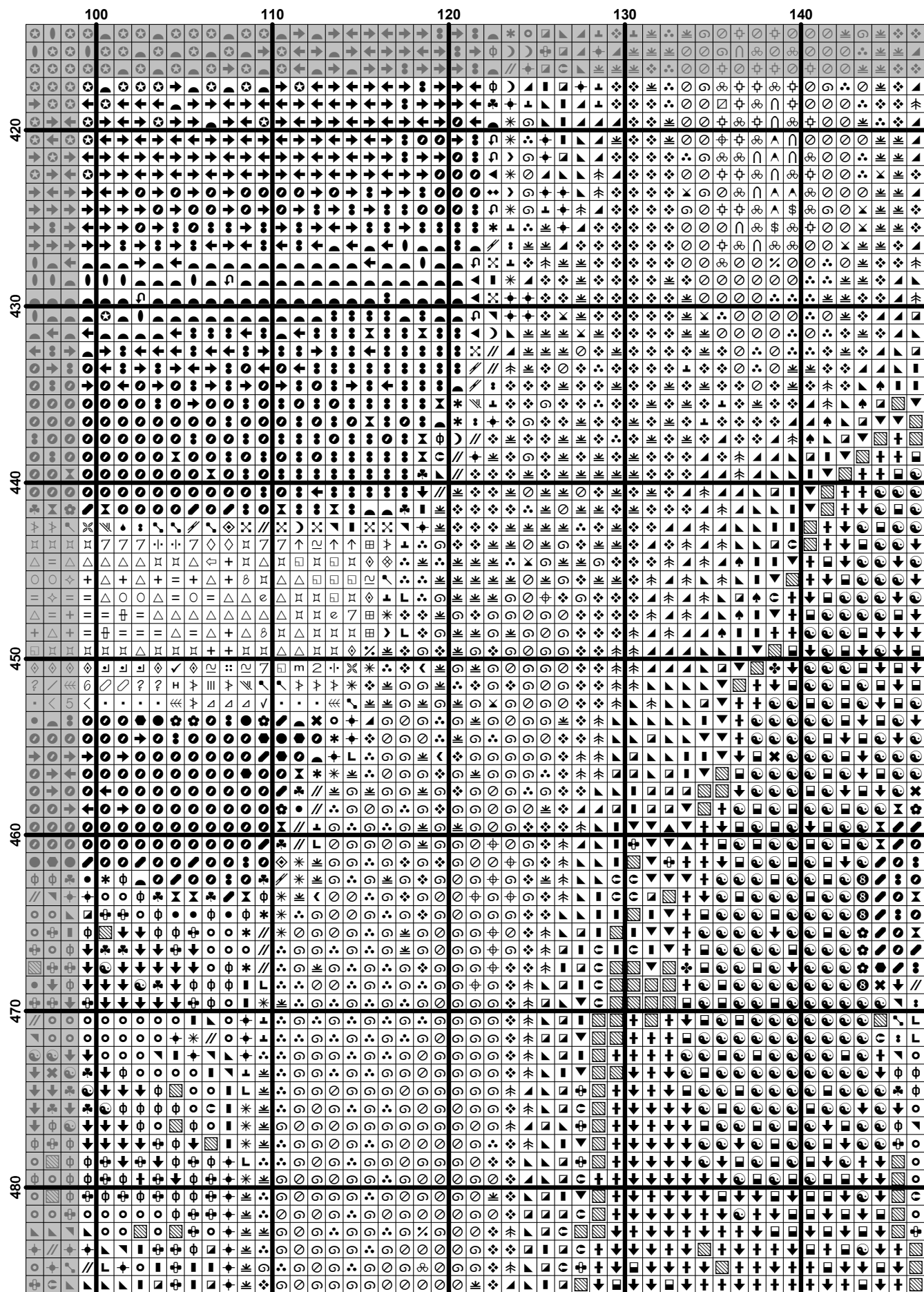


	440	450	460	470	480
350					
360					
370					
380					
390					
400					
410					



[illegible]

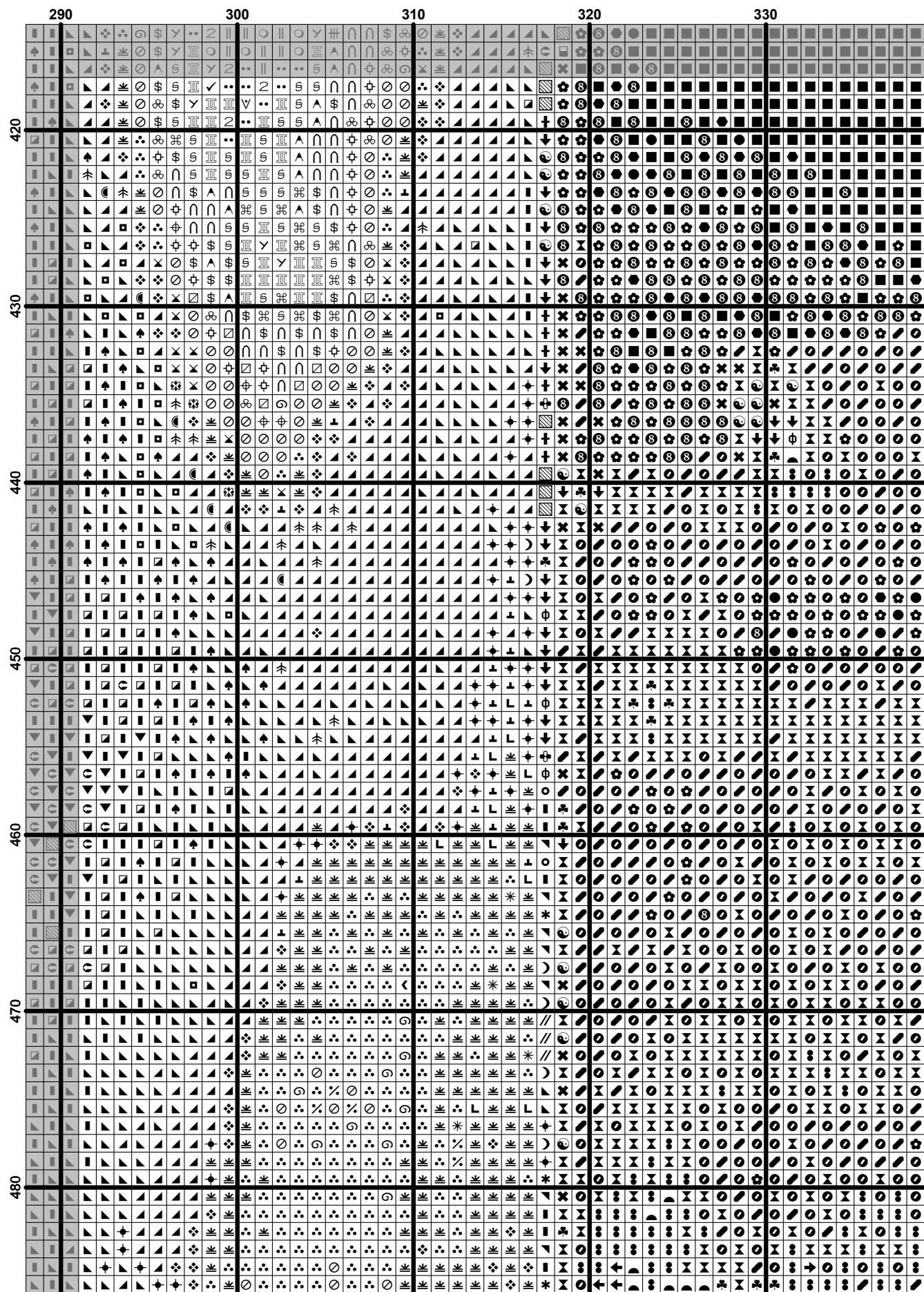
	50	60	70	80	90
420					
430					
440					
450					
460					
470					
480					

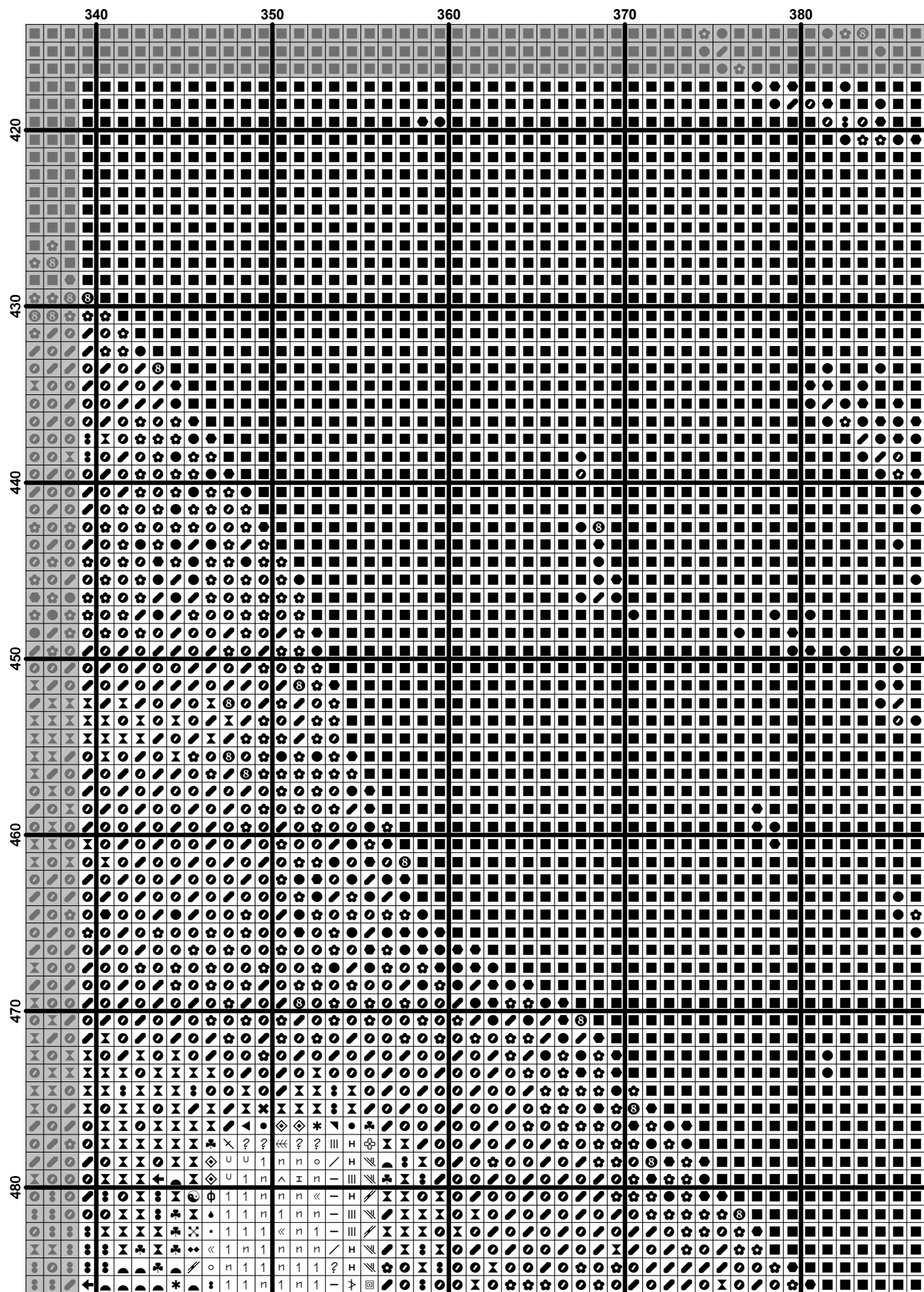


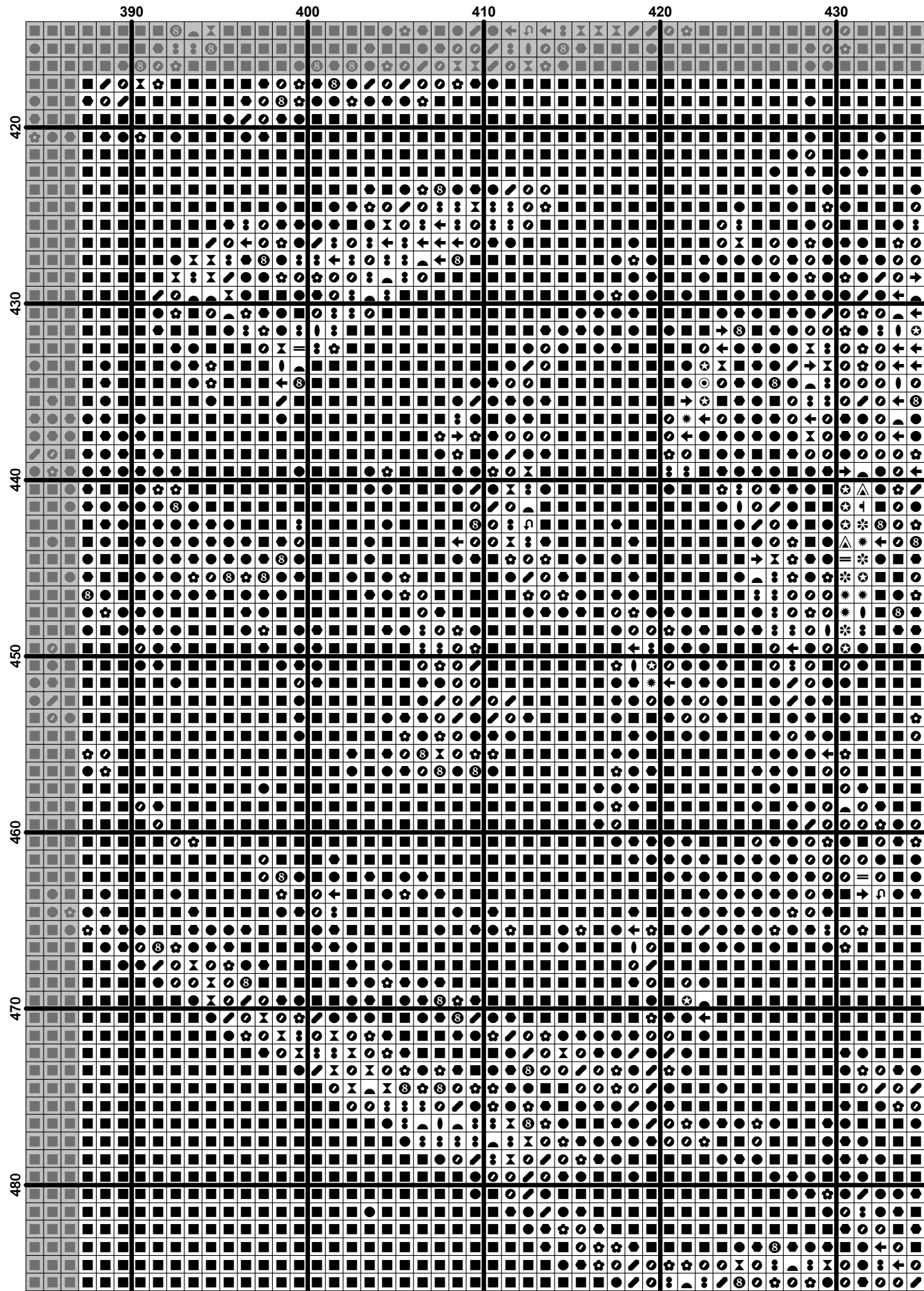
(82)

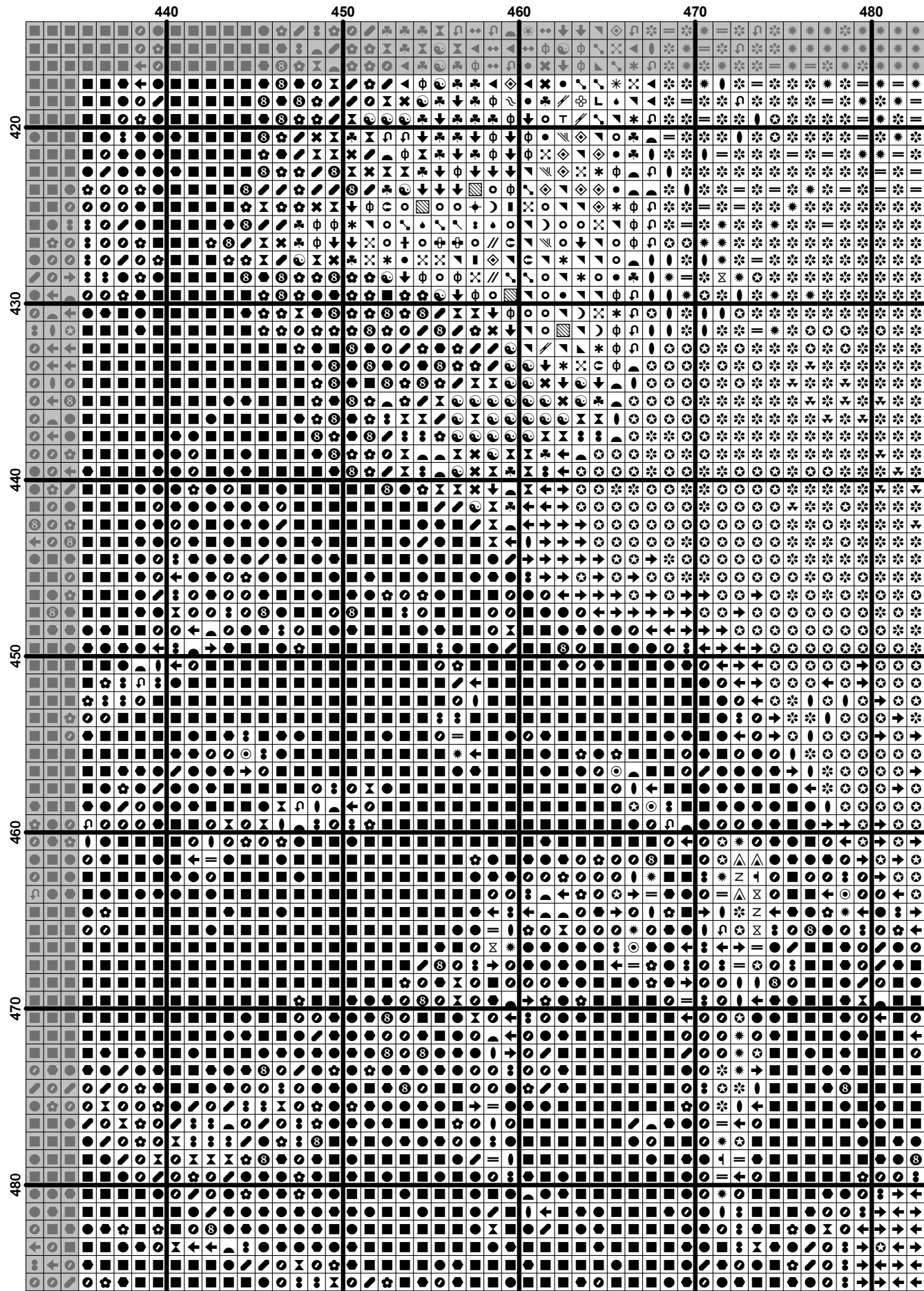
	200	210	220	230	240
420					
430					
440					
450					
460					
470					
480					

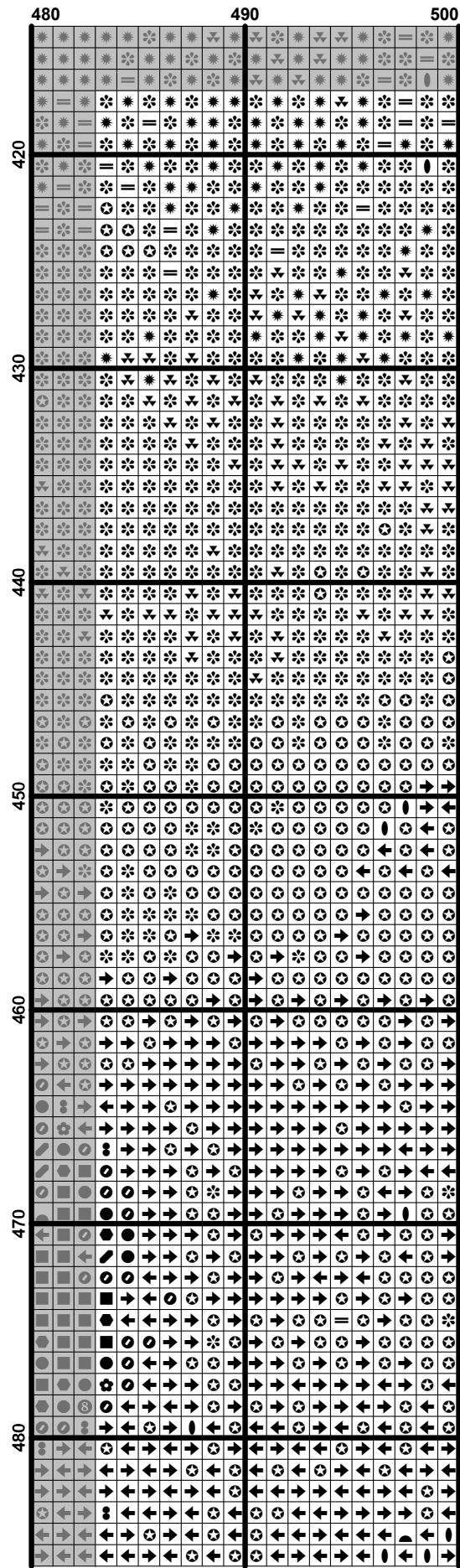
(84)











	10	20	30	40	50
490	⬆	⬆	⬆	⬆	⬆
491	⬆	⬆	⬆	⬆	⬆
492	⬆	⬆	⬆	⬆	⬆
493	⬆	⬆	⬆	⬆	⬆
494	⬆	⬆	⬆	⬆	⬆
495	⬆	⬆	⬆	⬆	⬆
496	⬆	⬆	⬆	⬆	⬆
497	⬆	⬆	⬆	⬆	⬆
498	⬆	⬆	⬆	⬆	⬆
499	⬆	⬆	⬆	⬆	⬆
500	⬆	⬆	⬆	⬆	⬆
501	⬆	⬆	⬆	⬆	⬆
502	⬆	⬆	⬆	⬆	⬆
503	⬆	⬆	⬆	⬆	⬆
504	⬆	⬆	⬆	⬆	⬆
505	⬆	⬆	⬆	⬆	⬆
506	⬆	⬆	⬆	⬆	⬆
507	⬆	⬆	⬆	⬆	⬆
508	⬆	⬆	⬆	⬆	⬆
509	⬆	⬆	⬆	⬆	⬆
510	⬆	⬆	⬆	⬆	⬆
511	⬆	⬆	⬆	⬆	⬆
512	⬆	⬆	⬆	⬆	⬆
513	⬆	⬆	⬆	⬆	⬆
514	⬆	⬆	⬆	⬆	⬆
515	⬆	⬆	⬆	⬆	⬆
516	⬆	⬆	⬆	⬆	⬆
517	⬆	⬆	⬆	⬆	⬆
518	⬆	⬆	⬆	⬆	⬆
519	⬆	⬆	⬆	⬆	⬆
520	⬆	⬆	⬆	⬆	⬆
521	⬆	⬆	⬆	⬆	⬆
522	⬆	⬆	⬆	⬆	⬆
523	⬆	⬆	⬆	⬆	⬆
524	⬆	⬆	⬆	⬆	⬆
525	⬆	⬆	⬆	⬆	⬆
526	⬆	⬆	⬆	⬆	⬆
527	⬆	⬆	⬆	⬆	⬆
528	⬆	⬆	⬆	⬆	⬆
529	⬆	⬆	⬆	⬆	⬆
530	⬆	⬆	⬆	⬆	⬆
531	⬆	⬆	⬆	⬆	⬆
532	⬆	⬆	⬆	⬆	⬆
533	⬆	⬆	⬆	⬆	⬆
534	⬆	⬆	⬆	⬆	⬆
535	⬆	⬆	⬆	⬆	⬆
536	⬆	⬆	⬆	⬆	⬆
537	⬆	⬆	⬆	⬆	⬆
538	⬆	⬆	⬆	⬆	⬆
539	⬆	⬆	⬆	⬆	⬆
540	⬆	⬆	⬆	⬆	⬆
541	⬆	⬆	⬆	⬆	⬆
542	⬆	⬆	⬆	⬆	⬆
543	⬆	⬆	⬆	⬆	⬆
544	⬆	⬆	⬆	⬆	⬆
545	⬆	⬆	⬆	⬆	⬆
546	⬆	⬆	⬆	⬆	⬆
547	⬆	⬆	⬆	⬆	⬆
548	⬆	⬆	⬆	⬆	⬆
549	⬆	⬆	⬆	⬆	⬆
550	⬆	⬆	⬆	⬆	⬆
551	⬆	⬆	⬆	⬆	⬆
552	⬆	⬆	⬆	⬆	⬆
553	⬆	⬆	⬆	⬆	⬆
554	⬆	⬆	⬆	⬆	⬆
555	⬆	⬆	⬆	⬆	⬆

(91)

(92)

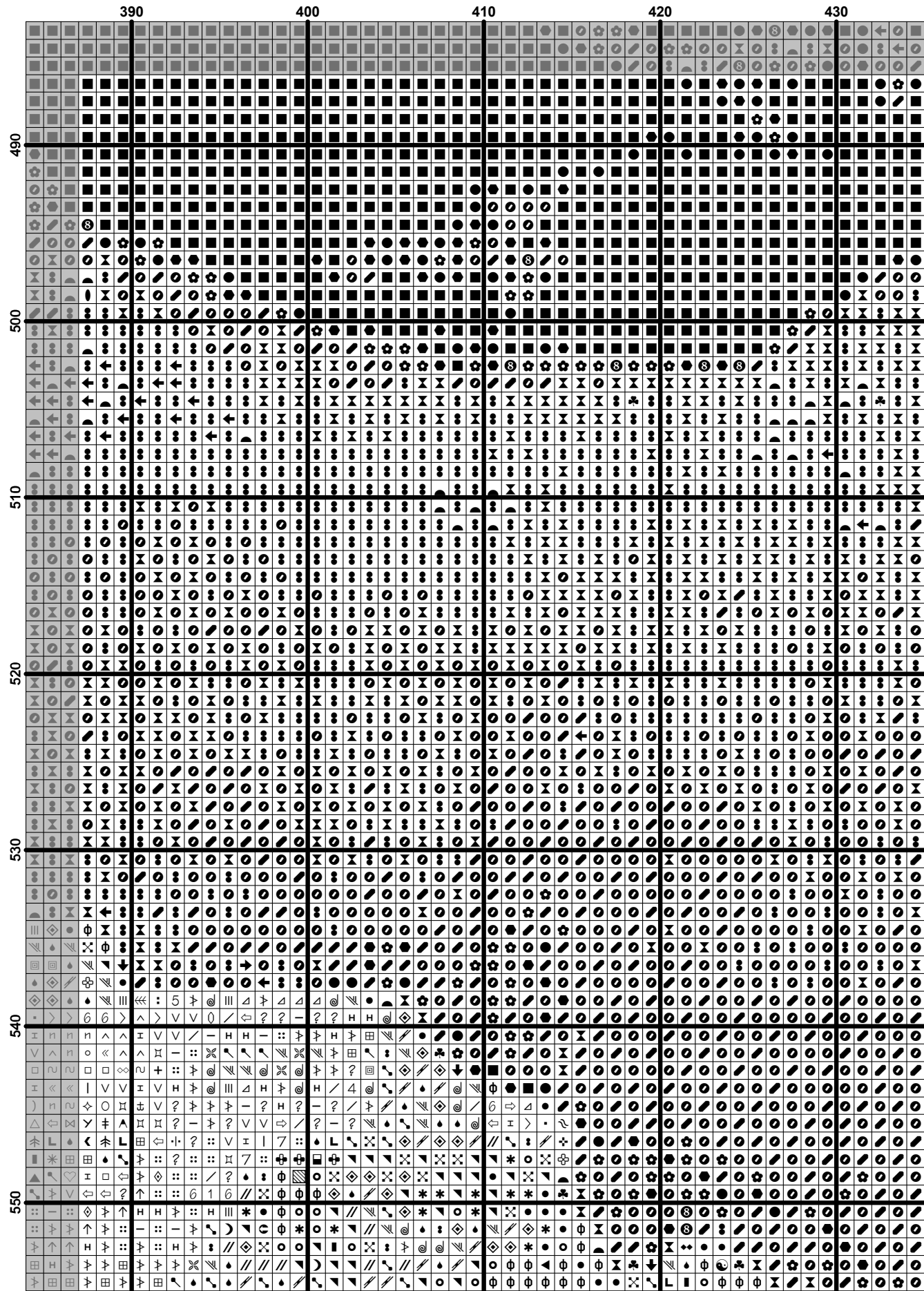
(93)

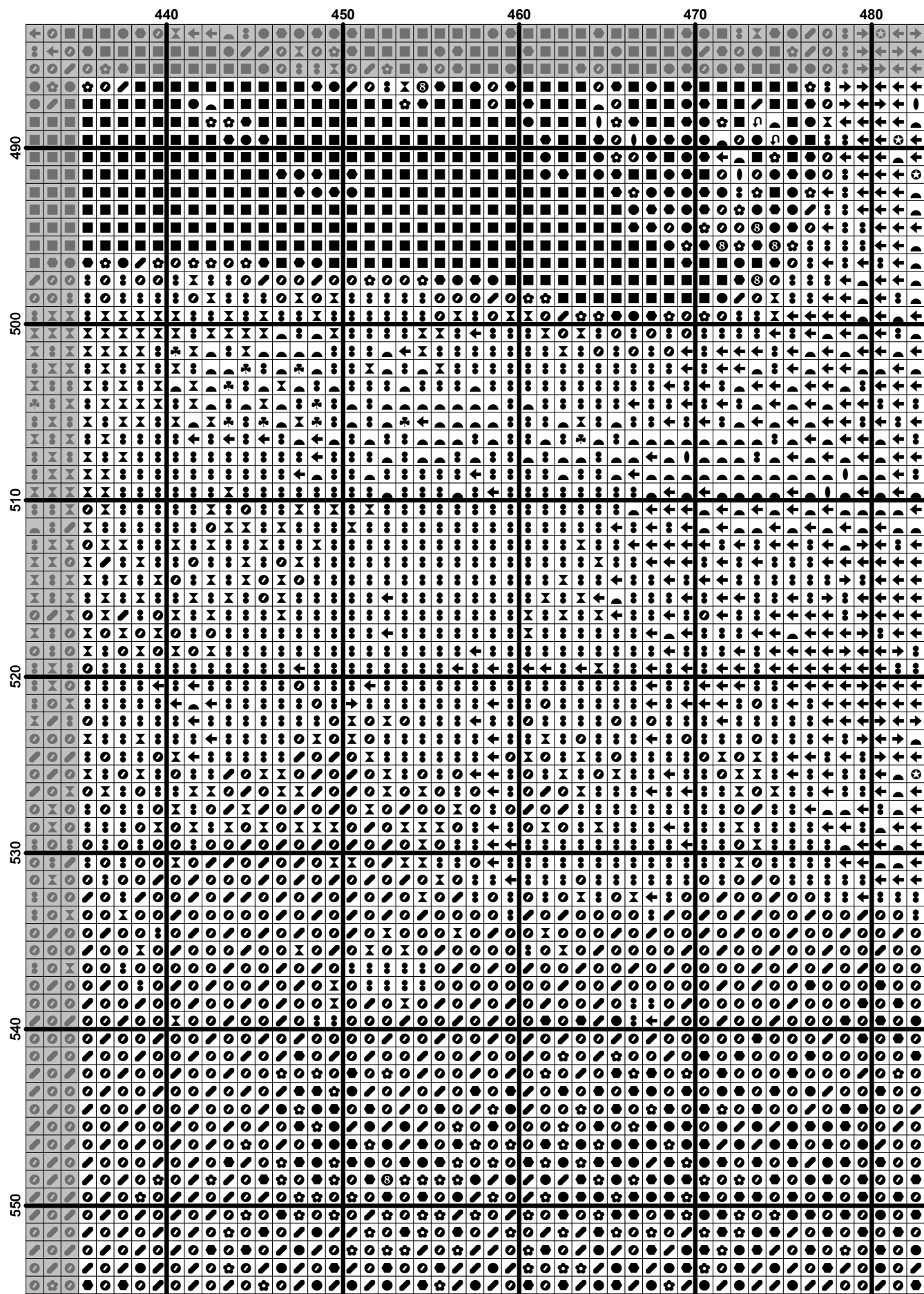
(94)

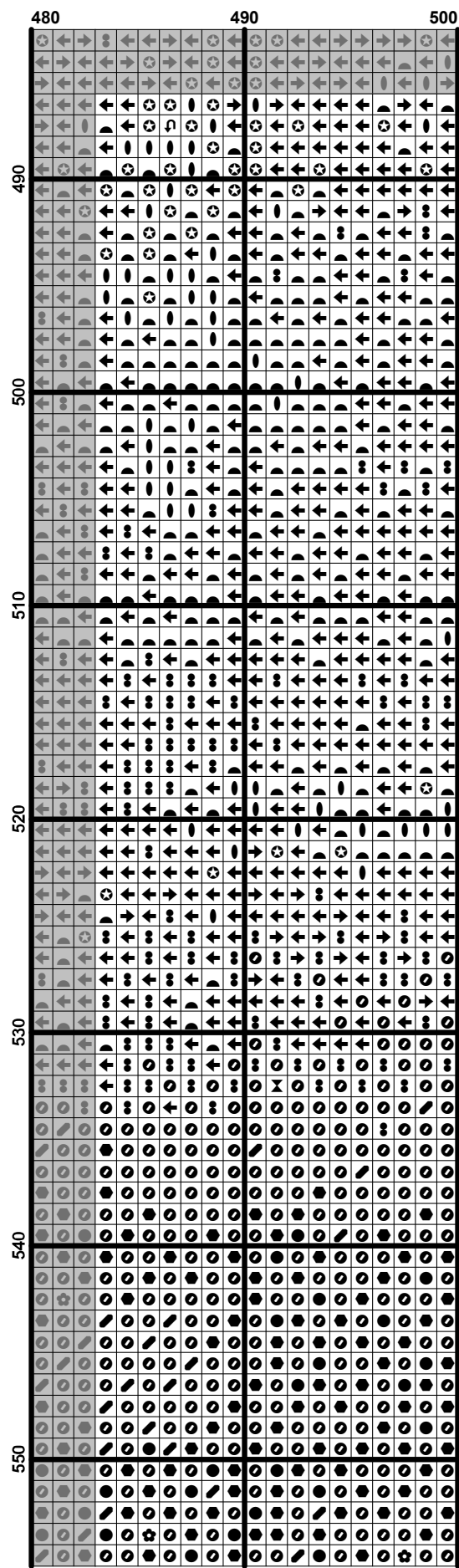
(95)

	290	300	310	320	330
490					
500					
510					
520					
530					
540					
550					

	340	350	360	370	380
490					
500					
510					
520					
530					
540					
550					







(101)

[illegible]

	100										110										120										130										140									
560	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
570	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
580	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
590	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
600	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
610	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
620	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									
	[Grid 100x10]										[Grid 110x10]										[Grid 120x10]										[Grid 130x10]										[Grid 140x10]									

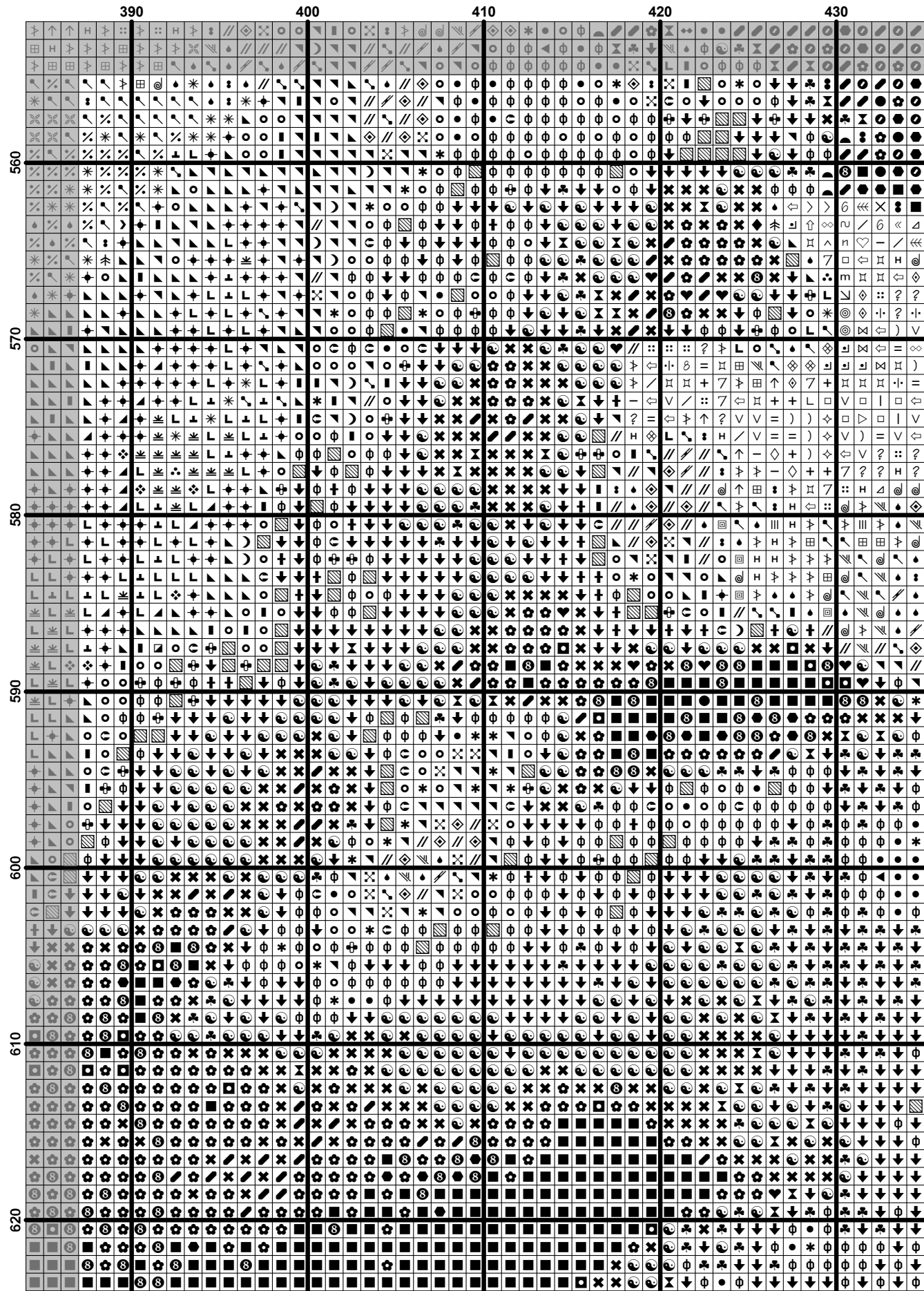
	150	160	170	180	190
560					
570					
580					
590					
600					
610					
620					

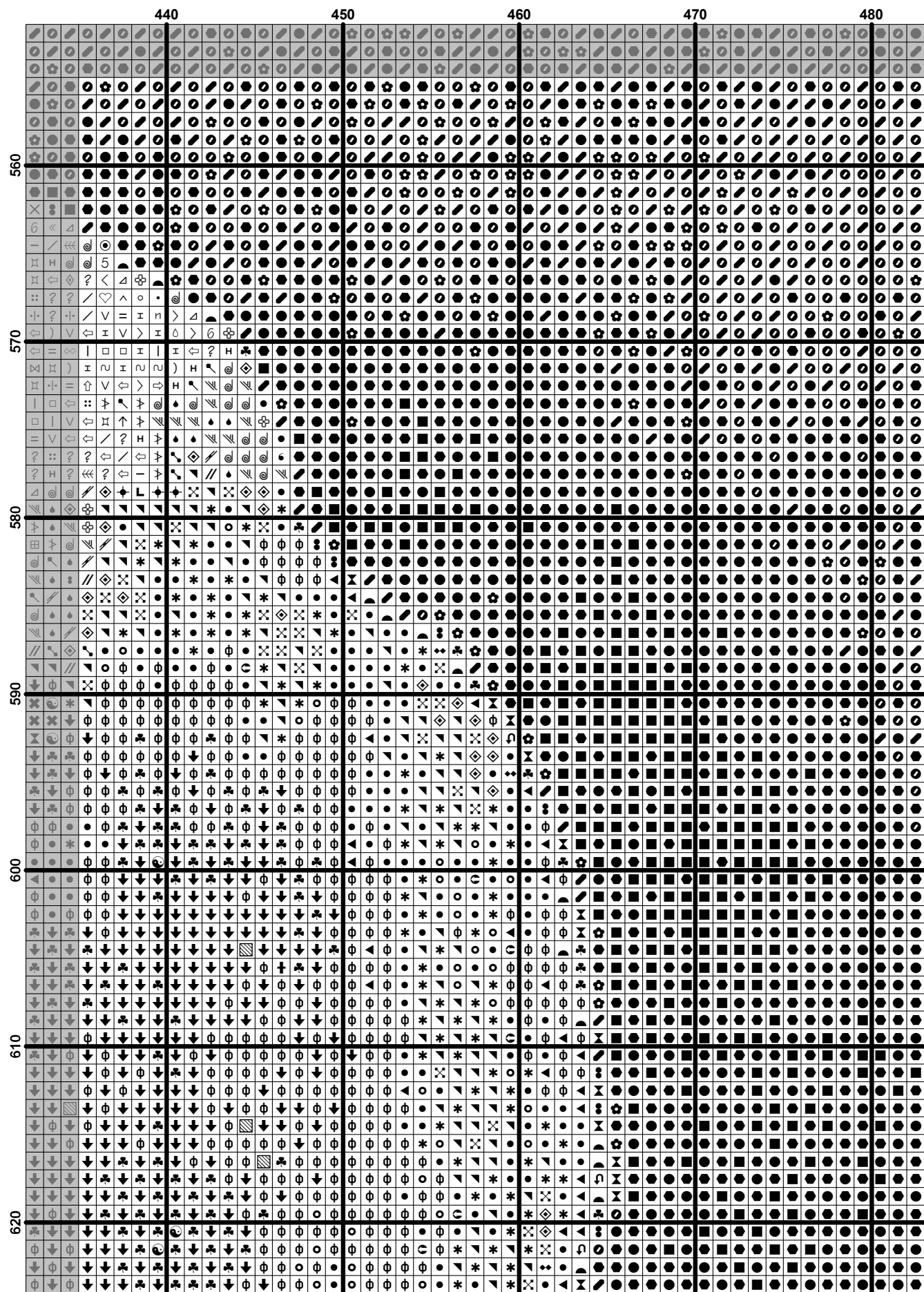
[illegible]

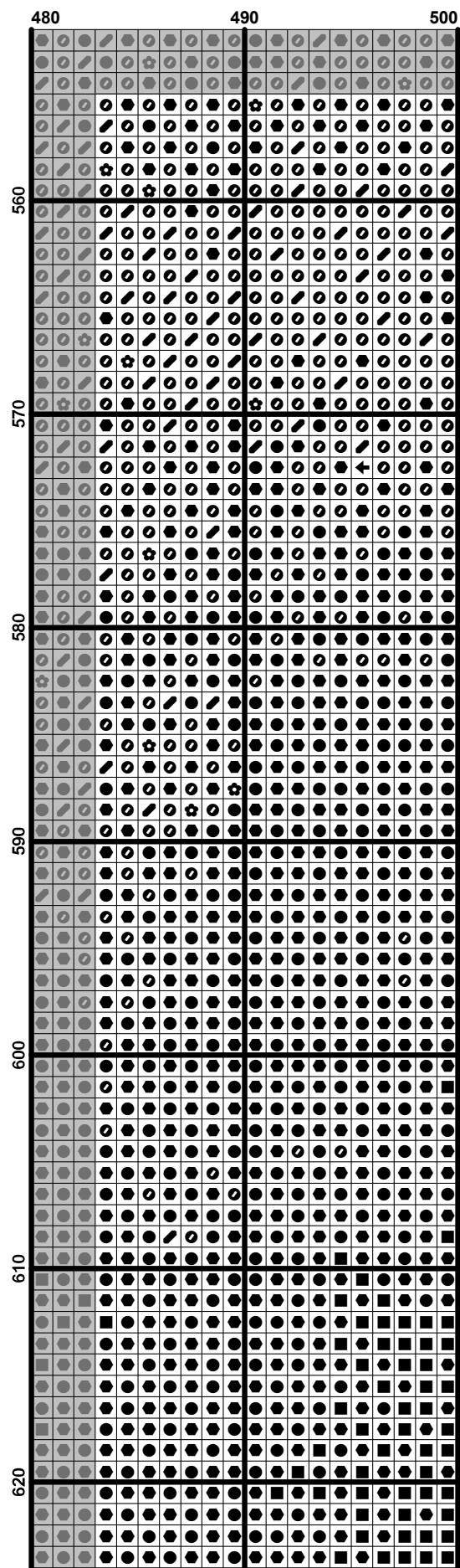
(106)

(107)

	340										350										360										370										380									
560																																																		
570																																																		
580																																																		
590																																																		
600																																																		
610																																																		
620																																																		







	10	20	30	40	50
630					
640					
650					
660					
670					
680					

	50	60	70	80	90
630					
640					
650					
660					
670					
680					

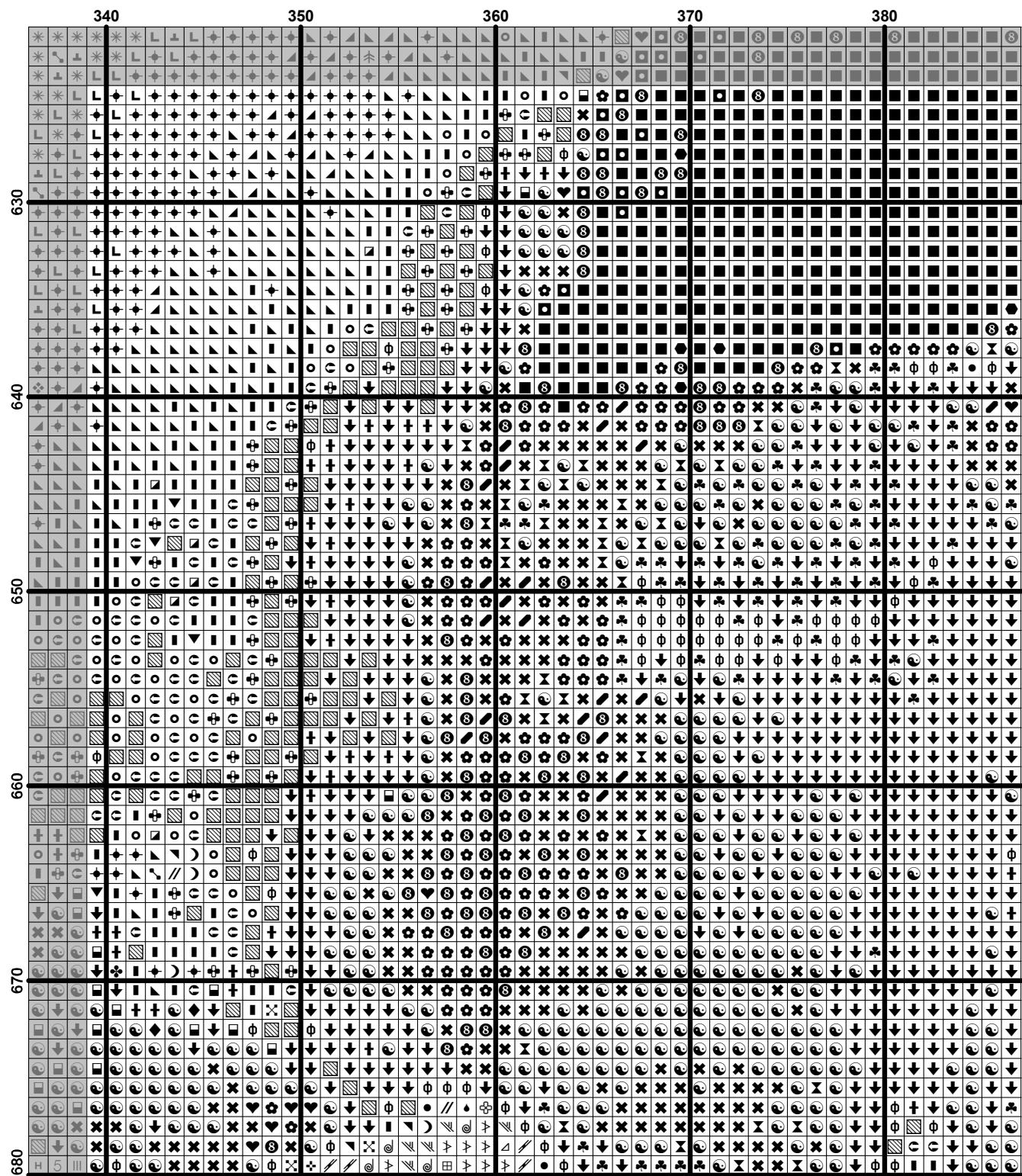
	100	110	120	130	140
630					
640					
650					
660					
670					
680					

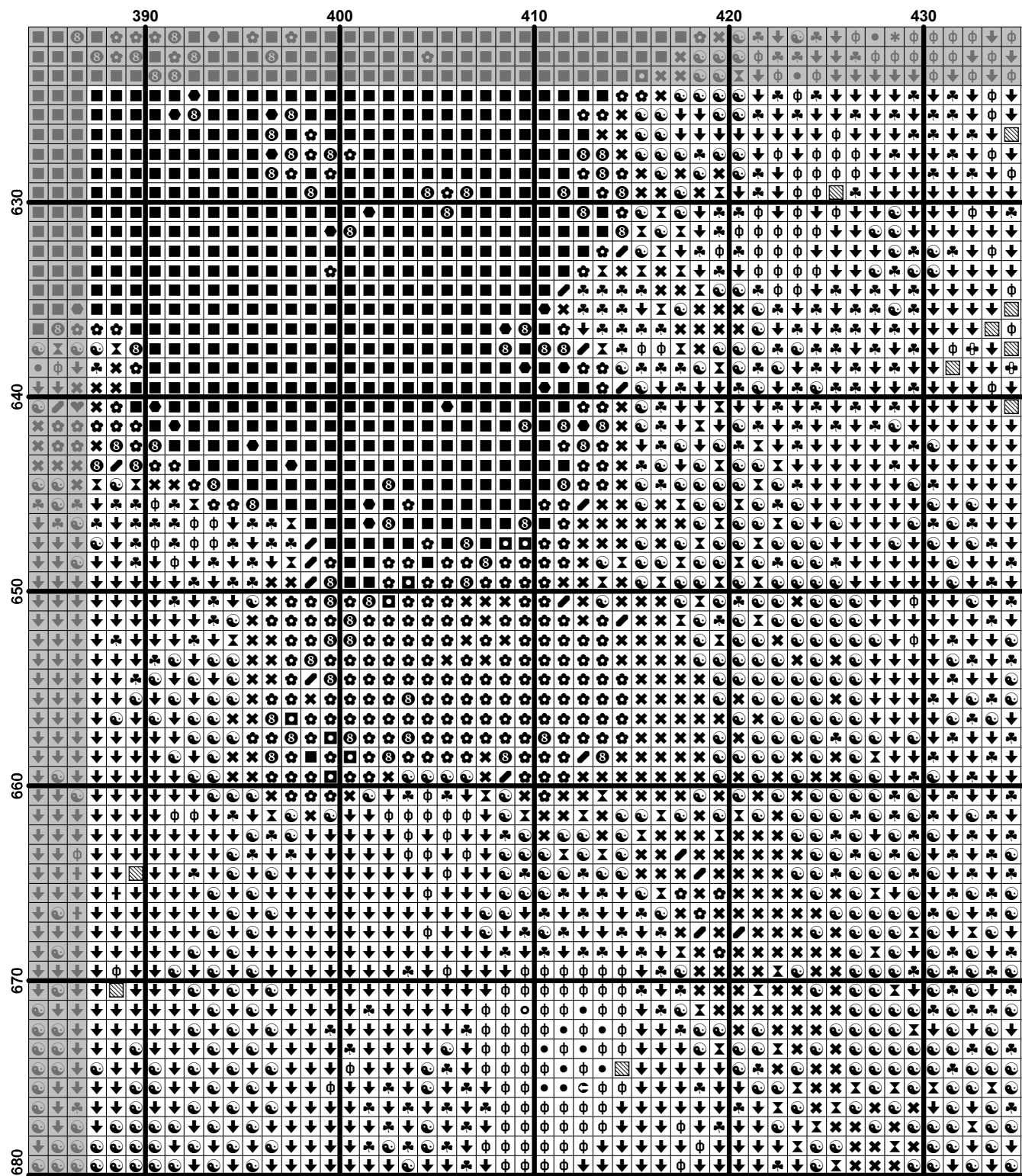
[illegible]

[illegible]

[illegible]

[illegible]





	440	450	460	470	480
630					
640					
650					
660					
670					
680					

