

# 1305 Le Verrou



**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](http://www.goldenkite.com) or via a mail from us, you should report that to us at [legal\\_actions@goldenkite.com](mailto:legal_actions@goldenkite.com) .**

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

## 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](http://www.goldenkite.com) or via a mail from us, you should report that to us at [legal\\_actions@goldenkite.com](mailto:legal_actions@goldenkite.com).**

## Le Verrou

Stitch Count	
Horizontal:	400
Vertical:	317

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:	73	28.44	58	22.5	64	24.89	50	19.68	57	22.125	45	17.5
Including Margins:	89	35	74	29	80	31	66	26	73	29	61	24
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	102	39.81	81	31.5	85	33.18	67	26.25	42	16.59	33	13.12
Including Margins:	118	46	97	38	101	40	83	33	58	23	49	20
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	40	15.92	32	12.6	39	15.31	31	12.11	37	14.74	30	11.66
Including Margins:	56	22	48	19	55	22	47	19	53	21	46	18
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	36	14.22	29	11.25	34	13.27	27	10.5	31	12.44	25	9.84
Including Margins:	52	21	45	18	50	20	43	17	47	19	41	16

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
1	1	White 1
↑	221	Shell Pink-VY DK
◆	300	Mahogany-VY DK
✱	301	Mahogany-MD
//	350	Coral-MD
⊗	355	Terra Cotta-DK
⊙	372	Mustard-LT
♣	400	Mahogany-DK
2	422	Hazelnut Brown-LT
Ⓒ	434	Brown-LT
Ⓕ	435	Brown-VY LT
⊕	436	Tan
✓	437	Tan-LT
∅	445	Lemon-LT
..	524	Fern Green-VY LT
8	543	Beige Brown-UL VY LT
↖	612	Drab Brown-LT
⊕	632	Desert Sand-UL VY DK
⊞	676	Old Gold-LT
)	677	Old Gold-VY LT
∞	712	Cream
⊞	722	Orange Spice-LT
7	725	Topaz
4	726	Topaz-LT
0	727	Topaz-VY LT
⊞	729	Old Gold-MD
::	738	Tan-VY LT
⇐	739	Tan-UL VY LT
◇	743	Yellow-MD
♡	744	Yellow-Pale
•	745	Yellow-LT Pale
6	746	Off White
5	754	Peach-LT
↓	801	Coffee Brown-DK
●	814	Garnet-DK
~	819	Baby Pink-LT
✕	834	Golden Olive-VY LT
•	841	Beige Brown-LT

—	842	Beige Brown-VY LT
⊗	902	Garnet-VY DK
★	921	Copper
⊞	922	Copper-LT
■	938	Coffee Brown-UL DK
√	950	Desert Sand-LT
⊞	951	Tawny-LT
⊕	975	Golden Brown-DK
⊞	976	Golden Brown-MD
⊞	977	Golden Brown-LT
⊞	3045	Yellow Beige-DK
☆	3046	Yellow Beige-MD
×	3064	Desert Sand
+	3072	Beaver Gray-VY LT
	3078	Golden Yellow-VY LT
⊕	3721	Shell Pink-DK
o	3756	Baby Blue-UL VY LT
⊕	3772	Desert Sand-VY DK
⊗	3776	Mahogany-LT
⊗	3777	Terra Cotta-VY DK
➔	3802	Antique Mauve-VY DK
o	3820	Straw-DK
9	3822	Straw-LT
^	3823	Yellow-UL Pale
△	3826	Golden Brown
•	3827	Golden Brown-Pale
⊞	3828	Hazelnut Brown
●	3830	Terra Cotta-MD
\$	3852	Straw-VY DK
•	3853	Autumn Gold-DK
⊕	3854	Autumn Gold-MD
6	3855	Autumn Gold-LT
≡	3856	Mahogany-UL VY LT
☛	3857	Rosewood-DK
▲	3858	Rosewood-MD
II	3864	Mocha Beige-LT
n	3865	Winter White
:	3866	Mocha Brown-UL VY LT
(	Ecru	Ecru

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

Symbol	DMC1	Name1	DMC2	Name2
⊕	976	Golden Brown-MD	3853	Autumn Gold-DK
↘	977	Golden Brown-LT	3854	Autumn Gold-MD
☾	632	Desert Sand-UL VY DK	3772	Desert Sand-VY DK
⊖	612	Drab Brown-LT	3772	Desert Sand-VY DK
⊕	356	Terra Cotta-MD	3828	Hazelnut Brown
⊗	315	Antique Mauve-VY DK	3860	Cocoa
☾	407	Desert Sand-DK	3864	Mocha Beige-LT
+	355	Terra Cotta-DK	3830	Terra Cotta-MD
■	420	Hazelnut Brown-DK	632	Desert Sand-UL VY DK
♠	3721	Shell Pink-DK	3830	Terra Cotta-MD
✕	402	Mahogany-VY LT	436	Tan
○	435	Brown-VY LT	975	Golden Brown-DK
◀	729	Old Gold-MD	435	Brown-VY LT
☾	975	Golden Brown-DK	3857	Rosewood-DK
♠	301	Mahogany-MD	3826	Golden Brown
⋮	436	Tan	3776	Mahogany-LT
⊖	435	Brown-VY LT	3772	Desert Sand-VY DK
✕	435	Brown-VY LT	436	Tan
■	938	Coffee Brown-UL DK	3371	Black Brown
⋮	437	Tan-LT	3827	Golden Brown-Pale
✕	3772	Desert Sand-VY DK	3862	Mocha Beige-DK
♠	920	Copper-MD	3830	Terra Cotta-MD
✕	355	Terra Cotta-DK	920	Copper-MD
*	900	Burnt Orange-DK	3830	Terra Cotta-MD
♦	350	Coral-MD	3831	Raspberry-DK
+	3328	Salmon-DK	3830	Terra Cotta-MD
♦	350	Coral-MD	900	Burnt Orange-DK
←	221	Shell Pink-VY DK	355	Terra Cotta-DK
☾	347	Salmon-VY DK	3831	Raspberry-DK
◀	350	Coral-MD	355	Terra Cotta-DK
✕	221	Shell Pink-VY DK	3857	Rosewood-DK
○	221	Shell Pink-VY DK	814	Garnet-DK
↓	221	Shell Pink-VY DK	3858	Rosewood-MD
*	347	Salmon-VY DK	350	Coral-MD
⋮	347	Salmon-VY DK	355	Terra Cotta-DK
⊗	898	Coffee Brown-VY DK	902	Garnet-VY DK
⋮	3857	Rosewood-DK	3858	Rosewood-MD
☾	3721	Shell Pink-DK	632	Desert Sand-UL VY DK
☾	221	Shell Pink-VY DK	3721	Shell Pink-DK
☾	975	Golden Brown-DK	355	Terra Cotta-DK
☾	221	Shell Pink-VY DK	975	Golden Brown-DK
◀	435	Brown-VY LT	3721	Shell Pink-DK
✕	356	Terra Cotta-MD	435	Brown-VY LT
	834	Golden Olive-VY LT	977	Golden Brown-LT
#	834	Golden Olive-VY LT	436	Tan
⋮	436	Tan	3827	Golden Brown-Pale
⋮	676	Old Gold-LT	3827	Golden Brown-Pale
☾	743	Yellow-MD	676	Old Gold-LT
e	676	Old Gold-LT	3855	Autumn Gold-LT
⋮	436	Tan	977	Golden Brown-LT
⋮	729	Old Gold-MD	436	Tan
✕	3828	Hazelnut Brown	3853	Autumn Gold-DK
☾	3854	Autumn Gold-MD	3855	Autumn Gold-LT

⌘	976	Golden Brown-MD	3826	Golden Brown
m	725	Topaz	3854	Autumn Gold-MD
♣	921	Copper	3776	Mahogany-LT
☐	922	Copper-LT	3853	Autumn Gold-DK
«	746	Off White	1	White 1
⋯	841	Beige Brown-LT	3772	Desert Sand-VY DK
♠	435	Brown-VY LT	632	Desert Sand-UL VY DK
♣	729	Old Gold-MD	3827	Golden Brown-Pale
☾	3826	Golden Brown	3830	Terra Cotta-MD
♣	350	Coral-MD	721	Orange Spice-MD
♦	900	Burnt Orange-DK	922	Copper-LT
♠	3721	Shell Pink-DK	3862	Mocha Beige-DK
♠	632	Desert Sand-UL VY DK	3857	Rosewood-DK
▼	315	Antique Mauve-VY DK	3858	Rosewood-MD
⋯	223	Shell Pink-LT	632	Desert Sand-UL VY DK
●	902	Garnet-VY DK	938	Coffee Brown-UL DK
♥	902	Garnet-VY DK	3857	Rosewood-DK
▲	437	Tan-LT	3045	Yellow Beige-DK
♠	356	Terra Cotta-MD	3772	Desert Sand-VY DK
⚙	3772	Desert Sand-VY DK	3860	Cocoa
↑	725	Topaz	729	Old Gold-MD
/	950	Desert Sand-LT	3866	Mocha Brown-UL VY LT
3	842	Beige Brown-VY LT	3855	Autumn Gold-LT
☐	3853	Autumn Gold-DK	3854	Autumn Gold-MD
✕	725	Topaz	3853	Autumn Gold-DK
☐	355	Terra Cotta-DK	780	Topaz-UL VY DK
*	435	Brown-VY LT	3853	Autumn Gold-DK
♣	350	Coral-MD	976	Golden Brown-MD
=	3721	Shell Pink-DK	350	Coral-MD

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	193	75	184	72	166	65
221	Shell Pink-VY DK	2856	1124	2720	1070	2448	963
223	Shell Pink-LT	33	12	32	12	29	11
300	Mahogany-VY DK	612	240	583	229	525	206
301	Mahogany-MD	206	81	196	77	176	69
315	Antique Mauve-VY DK	69	27	66	25	59	23
347	Salmon-VY DK	229	90	218	85	196	77
350	Coral-MD	857	337	816	321	734	288
355	Terra Cotta-DK	2859	1125	2723	1072	2451	964
356	Terra Cotta-MD	369	145	351	138	316	124
372	Mustard-LT	16	6	15	5	13	5
400	Mahogany-DK	32	12	31	12	28	11
402	Mahogany-VY LT	13	5	12	4	11	4
407	Desert Sand-DK	13	5	12	4	11	4
420	Hazelnut Brown-DK	54	21	52	20	46	18
422	Hazelnut Brown-LT	44	17	42	16	38	14
434	Brown-LT	140	55	134	52	120	47
435	Brown-VY LT	1657	652	1578	621	1420	559
436	Tan	425	167	405	159	365	143
437	Tan-LT	132	51	126	49	113	44
445	Lemon-LT	7	2	7	2	6	2
524	Fern Green-VY LT	9	3	9	3	8	3
543	Beige Brown-UL VY LT	23	9	22	8	20	7
612	Drab Brown-LT	74	29	70	27	63	24
632	Desert Sand-UL VY DK	2227	876	2121	835	1909	751
676	Old Gold-LT	258	101	246	96	221	87
677	Old Gold-VY LT	23	9	22	8	20	7
712	Cream	32	12	31	12	28	11
721	Orange Spice-MD	9	3	8	3	7	2
722	Orange Spice-LT	8	3	8	3	7	2
725	Topaz	132	51	126	49	113	44
726	Topaz-LT	23	9	22	8	20	7
727	Topaz-VY LT	12	4	11	4	10	3
729	Old Gold-MD	216	85	205	80	185	72
738	Tan-VY LT	69	27	65	25	59	23
739	Tan-UL VY LT	40	15	38	14	35	13
743	Yellow-MD	162	63	155	61	139	54
744	Yellow-Pale	502	197	478	188	430	169
745	Yellow-LT Pale	355	139	338	133	304	119
746	Off White	304	119	289	113	260	102
754	Peach-LT	12	4	12	4	11	4
780	Topaz-UL VY DK	190	74	181	71	163	64
801	Coffee Brown-DK	210	82	200	78	180	70
814	Garnet-DK	128	50	122	48	109	42
819	Baby Pink-LT	38	14	36	14	32	12
834	Golden Olive-VY LT	68	26	65	25	58	22
841	Beige Brown-LT	16	6	15	5	14	5
842	Beige Brown-VY LT	66	25	63	24	56	22
898	Coffee Brown-VY DK	389	153	371	146	334	131
900	Burnt Orange-DK	169	66	161	63	145	57
902	Garnet-VY DK	1039	409	990	389	891	350
920	Copper-MD	201	79	191	75	172	67
921	Copper	24	9	23	9	21	8



922	Copper-LT	21	8	20	7	18	7
938	Coffee Brown-UL DK	794	312	756	297	680	267
950	Desert Sand-LT	21	8	20	7	18	7
951	Tawny-LT	43	16	41	16	37	14
975	Golden Brown-DK	2217	872	2111	831	1900	748
976	Golden Brown-MD	120	47	114	44	103	40
977	Golden Brown-LT	221	87	210	82	189	74
3045	Yellow Beige-DK	68	26	65	25	58	22
3046	Yellow Beige-MD	26	10	25	9	22	8
3064	Desert Sand	32	12	30	11	27	10
3072	Beaver Gray-VY LT	5	1	5	1	4	1
3078	Golden Yellow-VY LT	372	146	354	139	319	125
3328	Salmon-DK	21	8	20	7	18	7
3371	Black Brown	123	48	117	46	105	41
3721	Shell Pink-DK	2833	1115	2698	1062	2429	956
3756	Baby Blue-UL VY LT	5	1	5	1	4	1
3772	Desert Sand-VY DK	482	189	459	180	413	162
3776	Mahogany-LT	70	27	67	26	60	23
3777	Terra Cotta-VY DK	36	14	35	13	31	12
3802	Antique Mauve-VY DK	112	44	107	42	96	37
3820	Straw-DK	7	2	6	2	6	2
3822	Straw-LT	77	30	73	28	66	25
3823	Yellow-UL Pale	252	99	240	94	216	85
3826	Golden Brown	292	114	278	109	250	98
3827	Golden Brown-Pale	373	146	356	140	320	125
3828	Hazelnut Brown	264	103	251	98	226	88
3830	Terra Cotta-MD	1478	581	1408	554	1267	498
3831	Raspberry-DK	163	64	155	61	140	55
3852	Straw-VY DK	10	3	9	3	8	3
3853	Autumn Gold-DK	253	99	240	94	216	85
3854	Autumn Gold-MD	242	95	230	90	207	81
3855	Autumn Gold-LT	390	153	372	146	335	131
3856	Mahogany-UL VY LT	40	15	38	14	34	13
3857	Rosewood-DK	3957	1557	3768	1483	3391	1335
3858	Rosewood-MD	1923	757	1831	720	1648	648
3860	Cocoa	23	9	22	8	20	7
3862	Mocha Beige-DK	377	148	359	141	323	127
3864	Mocha Beige-LT	43	16	40	15	36	14
3865	Winter White	29	11	28	11	25	9
3866	Mocha Brown-UL VY LT	37	14	35	13	32	12
Ecu	Ecu	41	16	39	15	35	13

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
1	White 1	299	117	249	98	125	49
221	Shell Pink-VY DK	4406	1733	3672	1445	1836	722
223	Shell Pink-LT	52	20	44	17	22	8
300	Mahogany-VY DK	945	371	788	309	394	155
301	Mahogany-MD	317	124	264	104	132	52
315	Antique Mauve-VY DK	106	41	89	35	44	17
347	Salmon-VY DK	353	139	294	116	147	58
350	Coral-MD	1321	518	1101	432	551	216
355	Terra Cotta-DK	4412	1735	3677	1446	1838	723
356	Terra Cotta-MD	569	223	474	186	237	93
372	Mustard-LT	23	9	20	8	10	4



400	Mahogany-DK	50	20	42	17	21	8
402	Mahogany-VY LT	20	7	17	6	8	3
407	Desert Sand-DK	20	7	17	6	8	3
420	Hazelnut Brown-DK	83	32	69	27	35	14
422	Hazelnut Brown-LT	68	25	57	21	29	11
434	Brown-LT	216	85	180	71	90	35
435	Brown-VY LT	2556	1006	2130	839	1065	419
436	Tan	657	257	548	215	274	107
437	Tan-LT	203	79	170	66	85	33
445	Lemon-LT	11	4	9	3	5	2
524	Fern Green-VY LT	14	5	12	5	6	2
543	Beige Brown-UL VY LT	36	13	30	11	15	5
612	Drab Brown-LT	113	43	95	36	47	18
632	Desert Sand-UL VY DK	3436	1352	2864	1127	1432	563
676	Old Gold-LT	398	157	332	131	166	65
677	Old Gold-VY LT	36	13	30	11	15	5
712	Cream	50	20	42	17	21	8
721	Orange Spice-MD	13	4	11	3	5	2
722	Orange Spice-LT	13	4	11	3	5	2
725	Topaz	203	79	170	66	85	33
726	Topaz-LT	36	13	30	11	15	5
727	Topaz-VY LT	18	5	15	5	8	2
729	Old Gold-MD	333	130	278	108	139	54
738	Tan-VY LT	106	41	89	35	44	17
739	Tan-UL VY LT	63	23	53	20	26	10
743	Yellow-MD	250	97	209	81	104	41
744	Yellow-Pale	774	304	645	254	323	127
745	Yellow-LT Pale	547	214	456	179	228	89
746	Off White	468	184	390	153	195	77
754	Peach-LT	20	7	17	6	8	3
780	Topaz-UL VY DK	293	115	245	96	122	48
801	Coffee Brown-DK	324	126	270	105	135	53
814	Garnet-DK	196	76	164	63	82	32
819	Baby Pink-LT	58	22	48	18	24	9
834	Golden Olive-VY LT	104	40	87	33	44	17
841	Beige Brown-LT	25	9	21	8	11	4
842	Beige Brown-VY LT	101	40	84	33	42	17
898	Coffee Brown-VY DK	601	236	501	197	251	98
900	Burnt Orange-DK	261	103	218	86	109	43
902	Garnet-VY DK	1604	630	1337	525	668	263
920	Copper-MD	310	121	258	101	129	50
921	Copper	38	14	32	12	16	6
922	Copper-LT	32	13	27	11	14	5
938	Coffee Brown-UL DK	1224	481	1020	401	510	200
950	Desert Sand-LT	32	13	27	11	14	5
951	Tawny-LT	67	25	56	21	28	11
975	Golden Brown-DK	3420	1346	2850	1122	1425	561
976	Golden Brown-MD	185	72	155	60	77	30
977	Golden Brown-LT	340	133	284	111	142	56
3045	Yellow Beige-DK	104	40	87	33	44	17
3046	Yellow Beige-MD	40	14	33	12	17	6
3064	Desert Sand	49	18	41	15	20	8
3072	Beaver Gray-VY LT	7	2	6	2	3	1
3078	Golden Yellow-VY LT	574	225	479	188	239	94
3328	Salmon-DK	32	13	27	11	14	5
3371	Black Brown	189	74	158	62	79	31
3721	Shell Pink-DK	4372	1721	3644	1434	1822	717
3756	Baby Blue-UL VY LT	7	2	6	2	3	1
3772	Desert Sand-VY DK	743	292	620	243	310	122

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

Internet: [www.goldenkite.com](http://www.goldenkite.com)

e-mail: [info@goldenkite.com](mailto:info@goldenkite.com)

3776	Mahogany-LT	108	41	90	35	45	17
3777	Terra Cotta-VY DK	56	22	47	18	23	9
3802	Antique Mauve-VY DK	173	67	144	56	72	28
3820	Straw-DK	11	4	9	3	5	2
3822	Straw-LT	119	45	99	38	50	19
3823	Yellow-UL Pale	389	153	324	128	162	64
3826	Golden Brown	450	176	375	147	188	74
3827	Golden Brown-Pale	576	225	480	188	240	94
3828	Hazelnut Brown	407	158	339	132	170	66
3830	Terra Cotta-MD	2281	896	1901	747	950	374
3831	Raspberry-DK	252	99	210	83	105	41
3852	Straw-VY DK	14	5	12	5	6	2
3853	Autumn Gold-DK	389	153	324	128	162	64
3854	Autumn Gold-MD	373	146	311	122	155	61
3855	Autumn Gold-LT	603	236	503	197	251	98
3856	Mahogany-UL VY LT	61	23	51	20	26	10
3857	Rosewood-DK	6104	2403	5087	2003	2543	1001
3858	Rosewood-MD	2966	1166	2472	972	1236	486
3860	Cocoa	36	13	30	11	15	5
3862	Mocha Beige-DK	581	229	485	191	242	95
3864	Mocha Beige-LT	65	25	54	21	27	11
3865	Winter White	45	16	38	14	19	7
3866	Mocha Brown-UL VY LT	58	22	48	18	24	9
Ecru	Ecru	63	23	53	20	26	10

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
1	White 1	120	47	115	45	111	43
221	Shell Pink-VY DK	1763	693	1695	667	1632	642
223	Shell Pink-LT	21	8	20	8	19	7
300	Mahogany-VY DK	378	148	363	143	350	137
301	Mahogany-MD	127	50	122	48	117	46
315	Antique Mauve-VY DK	42	17	41	16	39	15
347	Salmon-VY DK	141	55	136	53	131	51
350	Coral-MD	528	207	508	199	489	192
355	Terra Cotta-DK	1765	694	1697	667	1634	643
356	Terra Cotta-MD	228	89	219	86	211	83
372	Mustard-LT	9	4	9	3	9	3
400	Mahogany-DK	20	8	19	8	19	7
402	Mahogany-VY LT	8	3	8	3	7	3
407	Desert Sand-DK	8	3	8	3	7	3
420	Hazelnut Brown-DK	33	13	32	12	31	12
422	Hazelnut Brown-LT	27	10	26	10	25	9
434	Brown-LT	86	34	83	33	80	31
435	Brown-VY LT	1022	402	983	387	947	373
436	Tan	263	103	253	99	243	95
437	Tan-LT	81	32	78	30	75	29
445	Lemon-LT	4	1	4	1	4	1
524	Fern Green-VY LT	6	2	6	2	5	2
543	Beige Brown-UL VY LT	14	5	14	5	13	5
612	Drab Brown-LT	45	17	44	17	42	16
632	Desert Sand-UL VY DK	1374	541	1322	520	1273	501
676	Old Gold-LT	159	63	153	60	147	58
677	Old Gold-VY LT	14	5	14	5	13	5
712	Cream	20	8	19	8	19	7

721	Orange Spice-MD	5	1	5	1	5	1
722	Orange Spice-LT	5	1	5	1	5	1
725	Topaz	81	32	78	30	75	29
726	Topaz-LT	14	5	14	5	13	5
727	Topaz-VY LT	7	2	7	2	7	2
729	Old Gold-MD	133	52	128	50	123	48
738	Tan-VY LT	42	17	41	16	39	15
739	Tan-UL VY LT	25	9	24	9	23	9
743	Yellow-MD	100	39	96	37	93	36
744	Yellow-Pale	310	122	298	117	287	113
745	Yellow-LT Pale	219	86	210	82	203	79
746	Off White	187	73	180	71	173	68
754	Peach-LT	8	3	8	3	7	3
780	Topaz-UL VY DK	117	46	113	44	109	43
801	Coffee Brown-DK	130	50	125	48	120	47
814	Garnet-DK	78	30	75	29	73	28
819	Baby Pink-LT	23	9	22	8	21	8
834	Golden Olive-VY LT	42	16	40	15	39	15
841	Beige Brown-LT	10	4	10	3	9	3
842	Beige Brown-VY LT	40	16	39	15	37	15
898	Coffee Brown-VY DK	240	94	231	91	223	87
900	Burnt Orange-DK	104	41	100	39	97	38
902	Garnet-VY DK	642	252	617	242	594	233
920	Copper-MD	124	48	119	46	115	45
921	Copper	15	6	15	6	14	5
922	Copper-LT	13	5	12	5	12	5
938	Coffee Brown-UL DK	490	192	471	185	453	178
950	Desert Sand-LT	13	5	12	5	12	5
951	Tawny-LT	27	10	26	10	25	9
975	Golden Brown-DK	1368	539	1315	518	1267	499
976	Golden Brown-MD	74	29	71	28	69	27
977	Golden Brown-LT	136	53	131	51	126	49
3045	Yellow Beige-DK	42	16	40	15	39	15
3046	Yellow Beige-MD	16	6	15	6	15	5
3064	Desert Sand	19	7	19	7	18	7
3072	Beaver Gray-VY LT	3	1	3	1	3	1
3078	Golden Yellow-VY LT	230	90	221	87	213	83
3328	Salmon-DK	13	5	12	5	12	5
3371	Black Brown	76	30	73	28	70	27
3721	Shell Pink-DK	1749	688	1682	662	1619	637
3756	Baby Blue-UL VY LT	3	1	3	1	3	1
3772	Desert Sand-VY DK	297	117	286	112	275	108
3776	Mahogany-LT	43	17	42	16	40	15
3777	Terra Cotta-VY DK	22	9	21	8	21	8
3802	Antique Mauve-VY DK	69	27	66	26	64	25
3820	Straw-DK	4	1	4	1	4	1
3822	Straw-LT	48	18	46	17	44	17
3823	Yellow-UL Pale	156	61	150	59	144	57
3826	Golden Brown	180	71	173	68	167	65
3827	Golden Brown-Pale	230	90	222	87	213	83
3828	Hazelnut Brown	163	63	156	61	151	59
3830	Terra Cotta-MD	912	359	877	345	845	332
3831	Raspberry-DK	101	40	97	38	93	37
3852	Straw-VY DK	6	2	6	2	5	2
3853	Autumn Gold-DK	156	61	150	59	144	57
3854	Autumn Gold-MD	149	58	143	56	138	54
3855	Autumn Gold-LT	241	94	232	91	223	87
3856	Mahogany-UL VY LT	24	9	24	9	23	9
3857	Rosewood-DK	2442	961	2348	924	2261	890

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

Internet: [www.goldenkite.com](http://www.goldenkite.com)

e-mail: [info@goldenkite.com](mailto:info@goldenkite.com)

3858	Rosewood-MD	1187	467	1141	449	1099	432
3860	Cocoa	14	5	14	5	13	5
3862	Mocha Beige-DK	233	91	224	88	215	85
3864	Mocha Beige-LT	26	10	25	10	24	9
3865	Winter White	18	6	17	6	17	6
3866	Mocha Brown-UL VY LT	23	9	22	8	21	8
Ecru	Ecru	25	9	24	9	23	9

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
1	White 1	107	42	100	39	93	37
221	Shell Pink-VY DK	1574	619	1469	578	1377	542
223	Shell Pink-LT	19	7	17	7	16	6
300	Mahogany-VY DK	338	132	315	124	295	116
301	Mahogany-MD	113	44	106	41	99	39
315	Antique Mauve-VY DK	38	15	35	14	33	13
347	Salmon-VY DK	126	50	118	46	110	43
350	Coral-MD	472	185	440	173	413	162
355	Terra Cotta-DK	1576	620	1471	578	1379	542
356	Terra Cotta-MD	203	80	190	74	178	70
372	Mustard-LT	8	3	8	3	7	3
400	Mahogany-DK	18	7	17	7	16	6
402	Mahogany-VY LT	7	3	7	2	6	2
407	Desert Sand-DK	7	3	7	2	6	2
420	Hazelnut Brown-DK	30	12	28	11	26	10
422	Hazelnut Brown-LT	24	9	23	8	21	8
434	Brown-LT	77	30	72	28	68	26
435	Brown-VY LT	913	359	852	335	799	314
436	Tan	235	92	219	86	205	80
437	Tan-LT	73	28	68	26	64	25
445	Lemon-LT	4	1	4	1	3	1
524	Fern Green-VY LT	5	2	5	2	5	2
543	Beige Brown-UL VY LT	13	5	12	4	11	4
612	Drab Brown-LT	41	15	38	14	35	14
632	Desert Sand-UL VY DK	1227	483	1145	451	1074	422
676	Old Gold-LT	142	56	133	52	124	49
677	Old Gold-VY LT	13	5	12	4	11	4
712	Cream	18	7	17	7	16	6
721	Orange Spice-MD	5	1	4	1	4	1
722	Orange Spice-LT	5	1	4	1	4	1
725	Topaz	73	28	68	26	64	25
726	Topaz-LT	13	5	12	4	11	4
727	Topaz-VY LT	6	2	6	2	6	2
729	Old Gold-MD	119	46	111	43	104	41
738	Tan-VY LT	38	15	35	14	33	13
739	Tan-UL VY LT	23	8	21	8	20	7
743	Yellow-MD	89	35	83	32	78	30
744	Yellow-Pale	276	109	258	101	242	95
745	Yellow-LT Pale	195	77	182	71	171	67
746	Off White	167	66	156	61	146	57
754	Peach-LT	7	3	7	2	6	2
780	Topaz-UL VY DK	105	41	98	38	92	36
801	Coffee Brown-DK	116	45	108	42	101	39
814	Garnet-DK	70	27	65	25	61	24
819	Baby Pink-LT	21	8	19	7	18	7

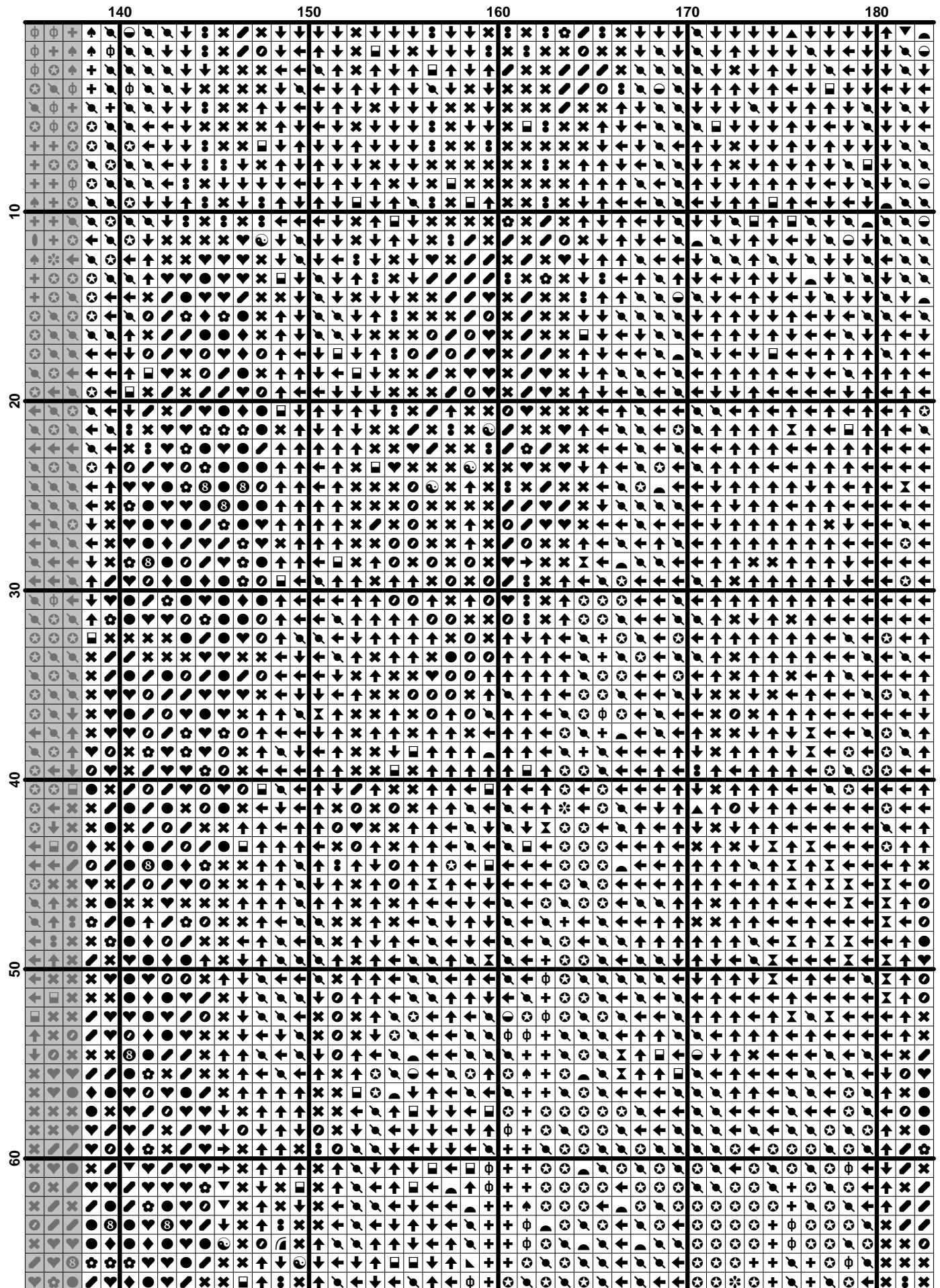
834	Golden Olive-VY LT	37	14	35	13	33	12
841	Beige Brown-LT	9	3	8	3	8	3
842	Beige Brown-VY LT	36	14	34	13	32	12
898	Coffee Brown-VY DK	215	84	200	79	188	74
900	Burnt Orange-DK	93	37	87	34	82	32
902	Garnet-VY DK	573	225	535	210	501	197
920	Copper-MD	111	43	103	40	97	38
921	Copper	14	5	13	5	12	5
922	Copper-LT	12	5	11	4	10	4
938	Coffee Brown-UL DK	437	172	408	160	383	150
950	Desert Sand-LT	12	5	11	4	10	4
951	Tawny-LT	24	9	22	8	21	8
975	Golden Brown-DK	1221	481	1140	449	1069	421
976	Golden Brown-MD	66	26	62	24	58	23
977	Golden Brown-LT	122	48	113	44	106	42
3045	Yellow Beige-DK	37	14	35	13	33	12
3046	Yellow Beige-MD	14	5	13	5	12	5
3064	Desert Sand	17	6	16	6	15	6
3072	Beaver Gray-VY LT	3	1	2	1	2	1
3078	Golden Yellow-VY LT	205	80	191	75	179	70
3328	Salmon-DK	12	5	11	4	10	4
3371	Black Brown	68	26	63	25	59	23
3721	Shell Pink-DK	1562	615	1457	574	1366	538
3756	Baby Blue-UL VY LT	3	1	2	1	2	1
3772	Desert Sand-VY DK	266	104	248	97	232	91
3776	Mahogany-LT	39	15	36	14	34	13
3777	Terra Cotta-VY DK	20	8	19	7	17	7
3802	Antique Mauve-VY DK	62	24	58	22	54	21
3820	Straw-DK	4	1	4	1	3	1
3822	Straw-LT	42	16	40	15	37	14
3823	Yellow-UL Pale	139	55	130	51	122	48
3826	Golden Brown	161	63	150	59	141	55
3827	Golden Brown-Pale	206	80	192	75	180	70
3828	Hazelnut Brown	145	57	136	53	127	50
3830	Terra Cotta-MD	815	320	760	299	713	280
3831	Raspberry-DK	90	35	84	33	79	31
3852	Straw-VY DK	5	2	5	2	5	2
3853	Autumn Gold-DK	139	55	130	51	122	48
3854	Autumn Gold-MD	133	52	124	49	116	46
3855	Autumn Gold-LT	215	84	201	79	188	74
3856	Mahogany-UL VY LT	22	8	20	8	19	7
3857	Rosewood-DK	2180	858	2035	801	1907	751
3858	Rosewood-MD	1059	417	989	389	927	365
3860	Cocoa	13	5	12	4	11	4
3862	Mocha Beige-DK	208	82	194	76	182	71
3864	Mocha Beige-LT	23	9	22	8	20	8
3865	Winter White	16	6	15	5	14	5
3866	Mocha Brown-UL VY LT	21	8	19	7	18	7
Ecrú	Ecrú	23	8	21	8	20	7

$$(10) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (11)$$

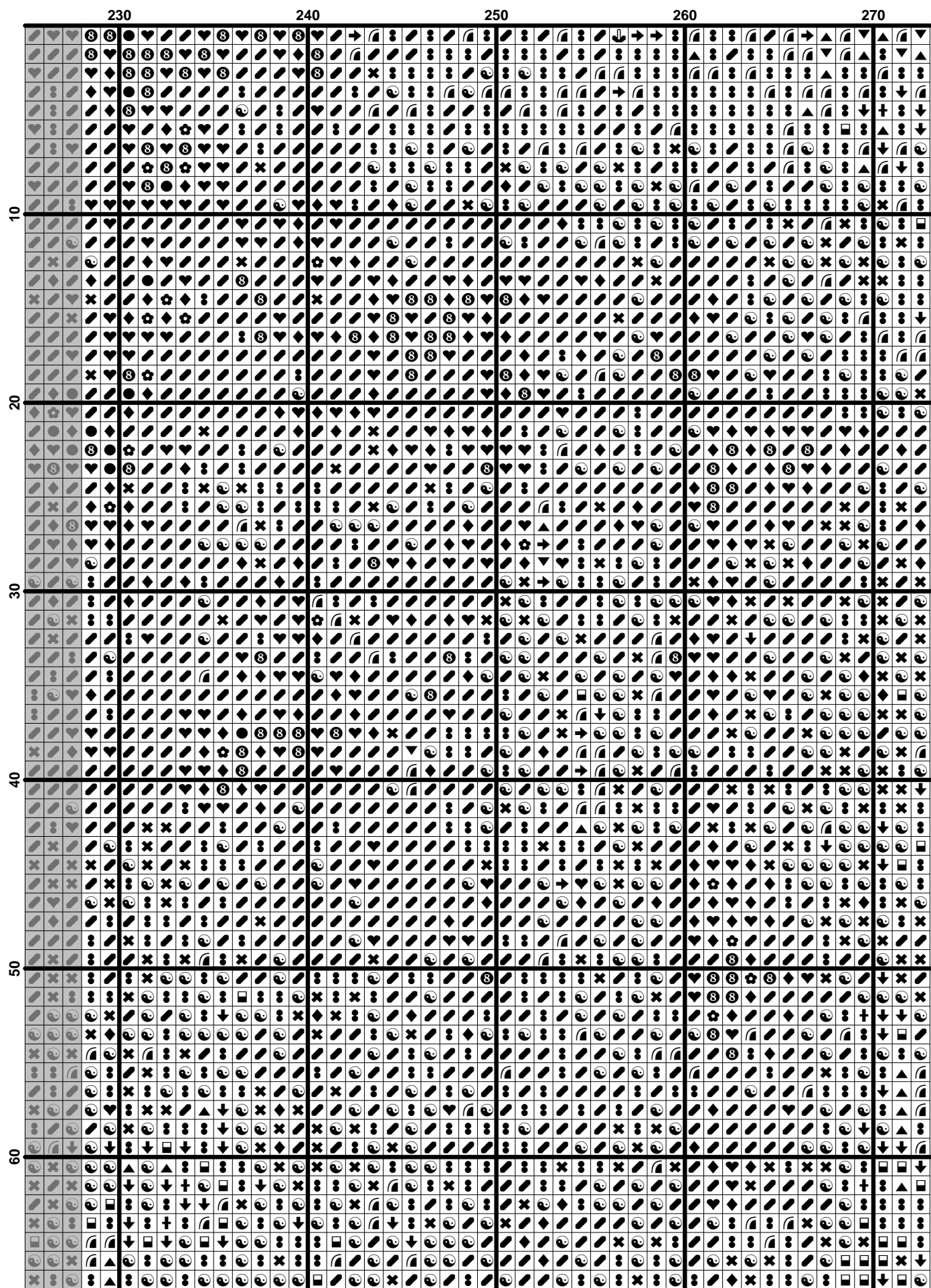
[illegible]

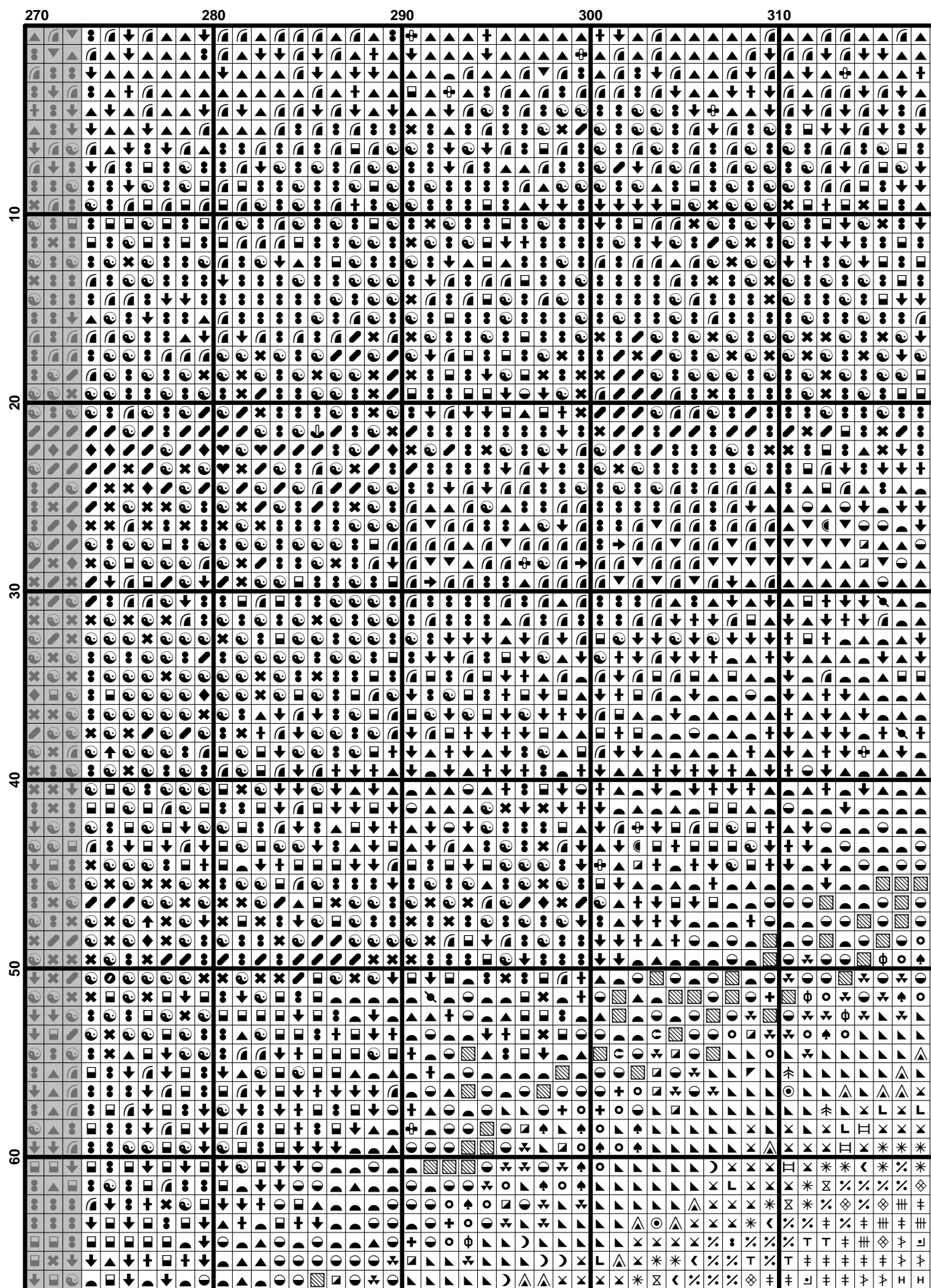


	90	100	110	120	130
10	...	...	...	...	...
20	...	...	...	...	...
30	...	...	...	...	...
40	...	...	...	...	...
50	...	...	...	...	...
60	...	...	...	...	...





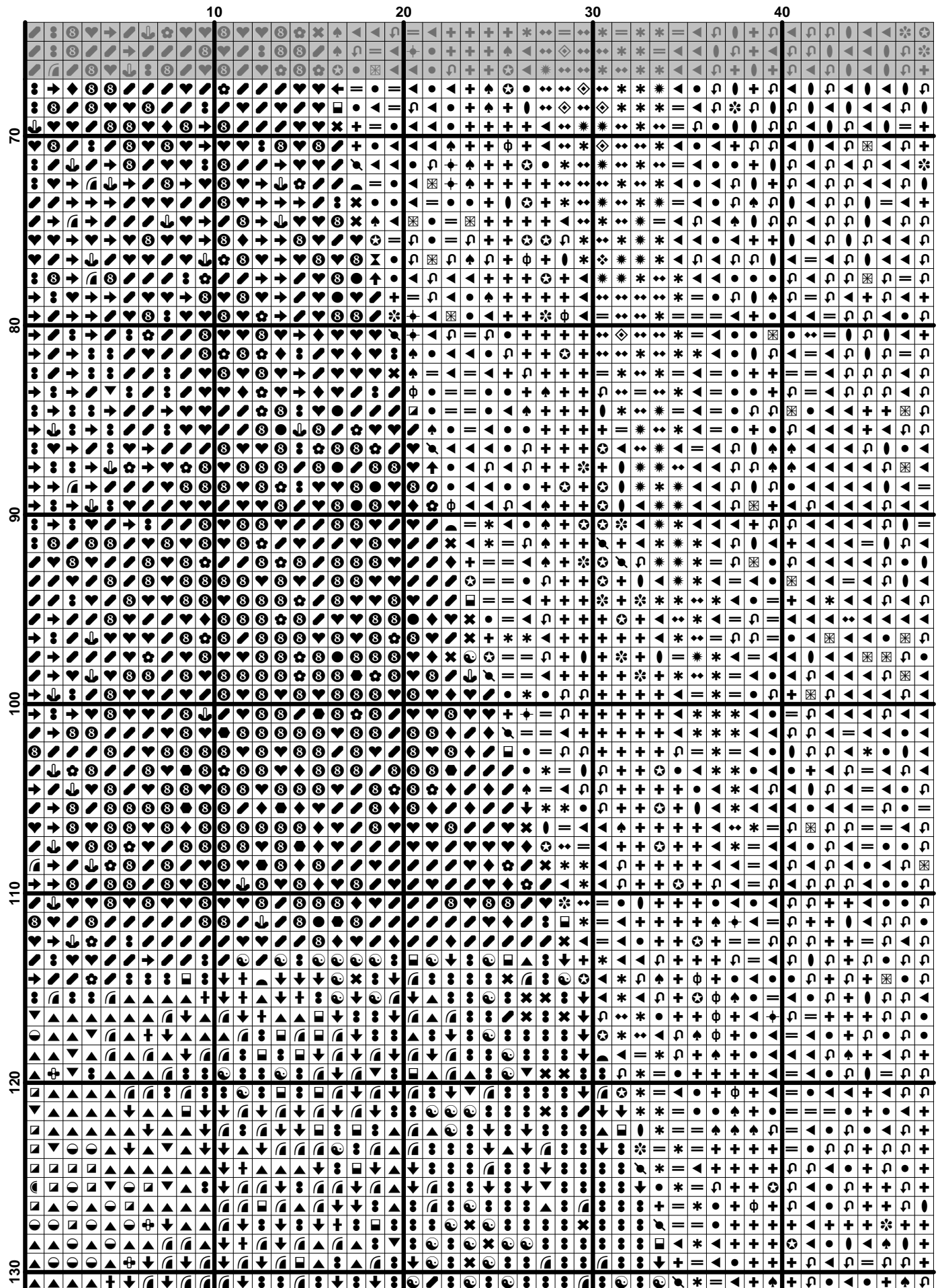




$$(17) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} g(s) ds + \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} h(s) ds$$

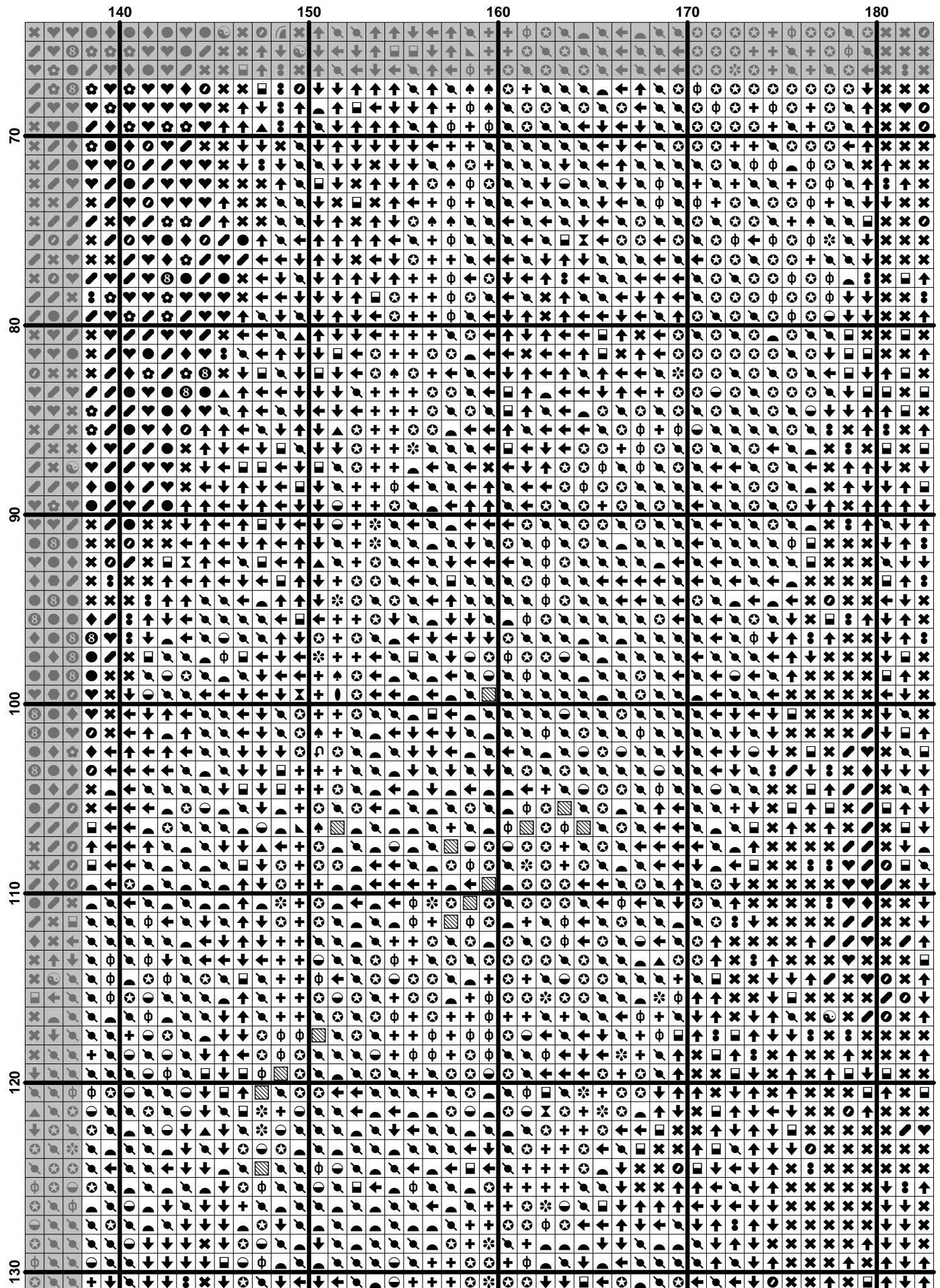
	360	370	380	390	400
10					
20					
30					
40					
50					
60					

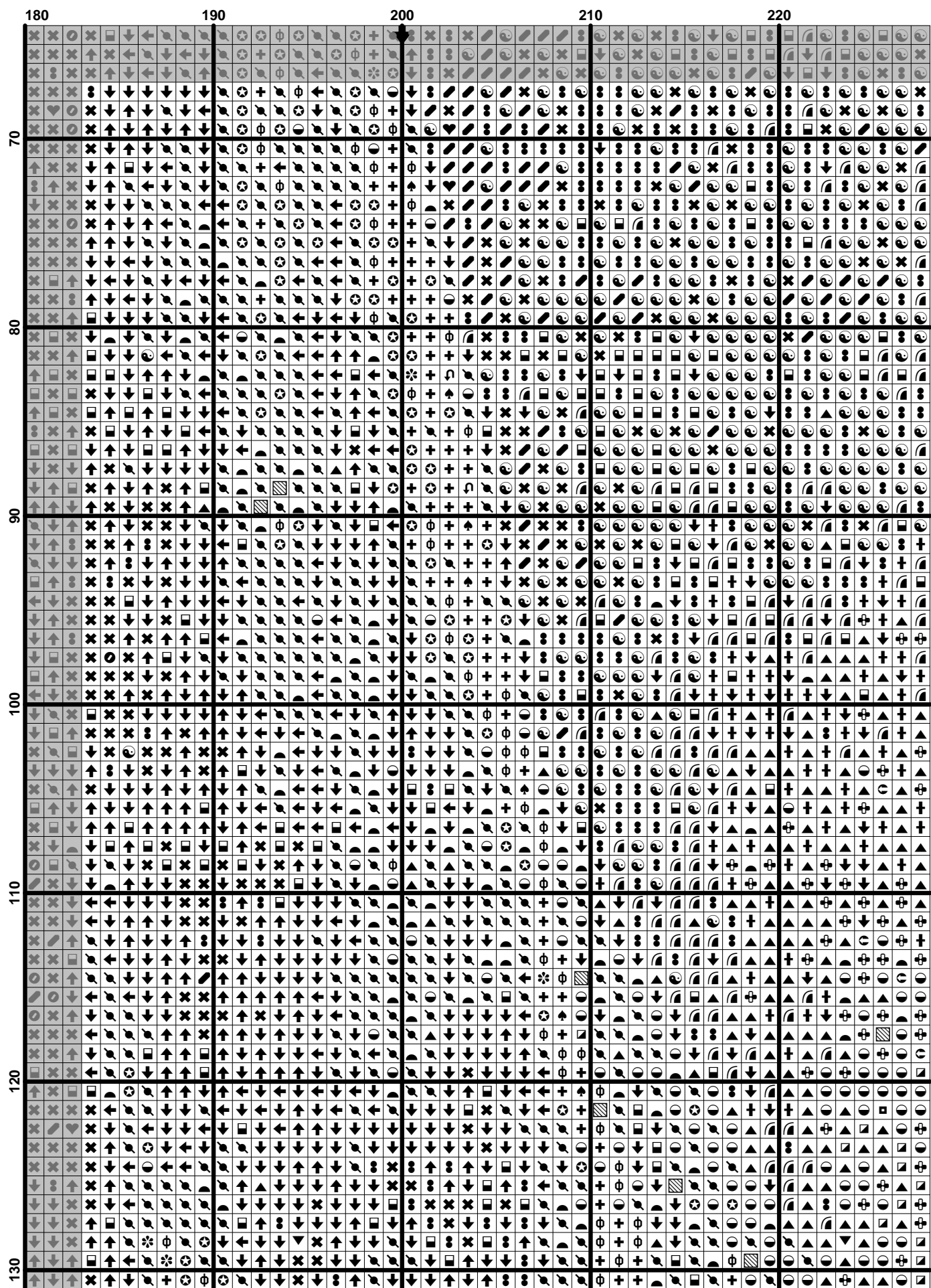




$$(20) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (21)$$

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





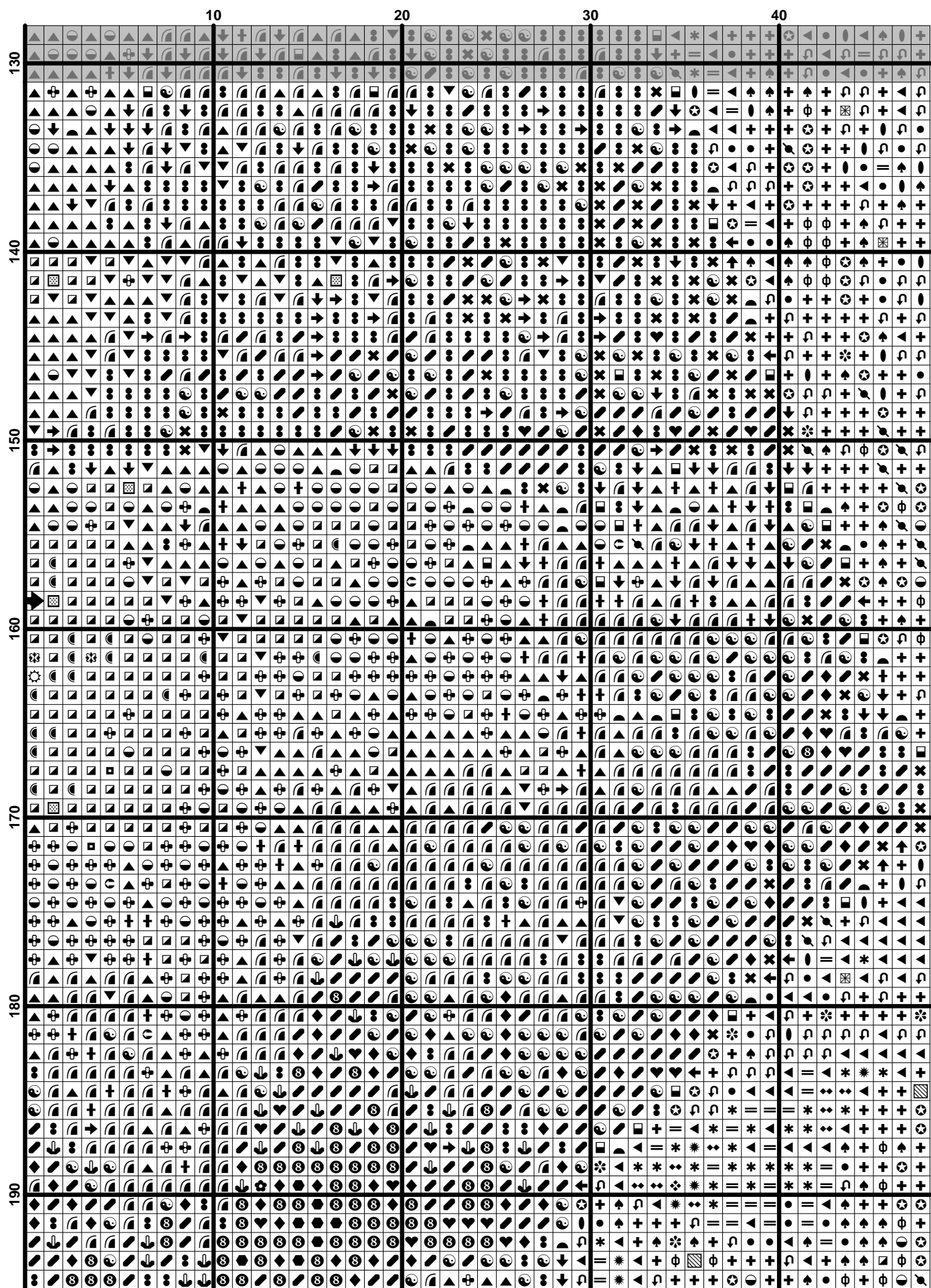
	230	240	250	260	270
70					
80					
90					
100					
110					
120					
130					

	270	280	290	300	310
70					
80					
90					
100					
110					
120					
130					



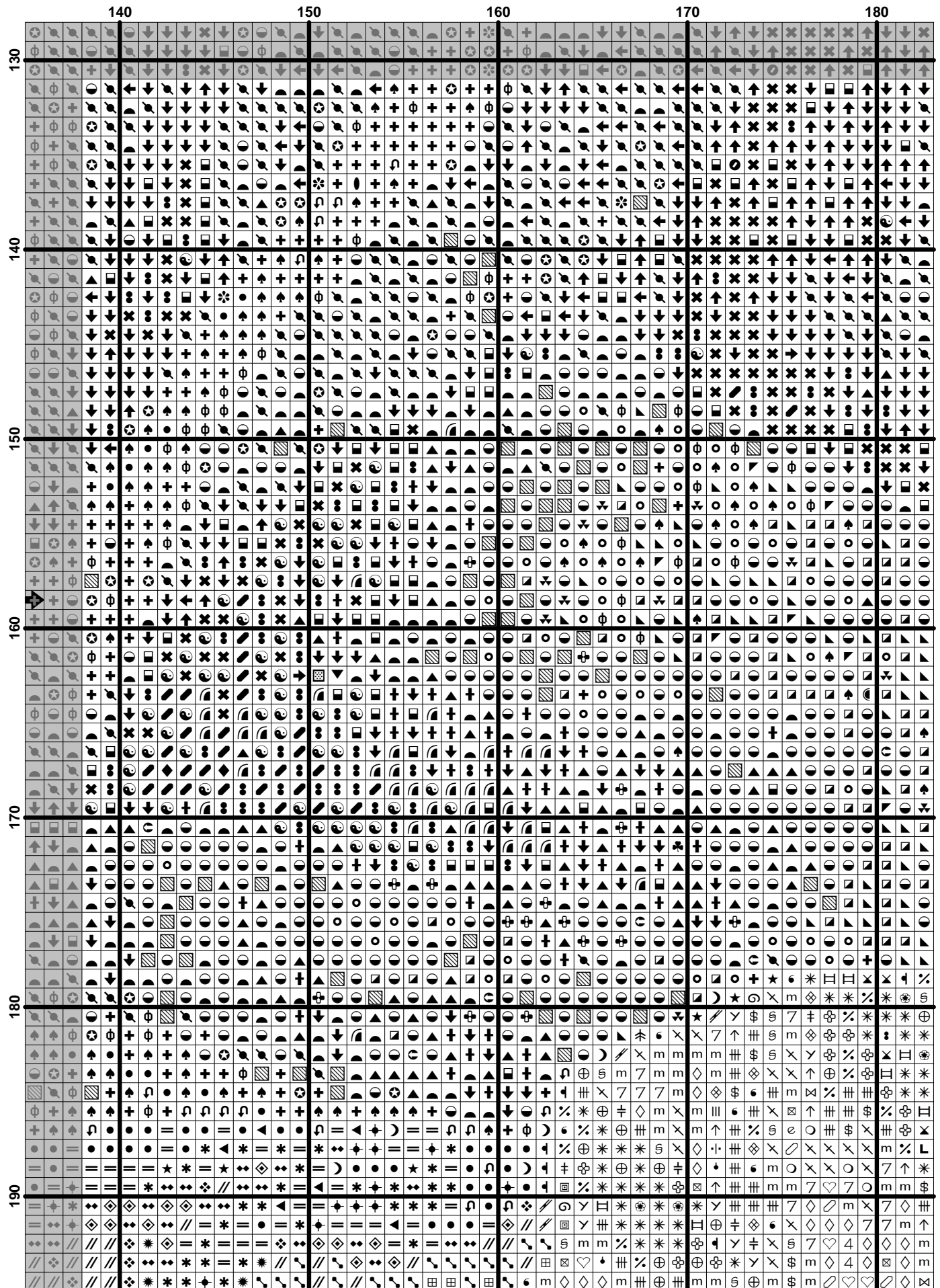
[illegible]

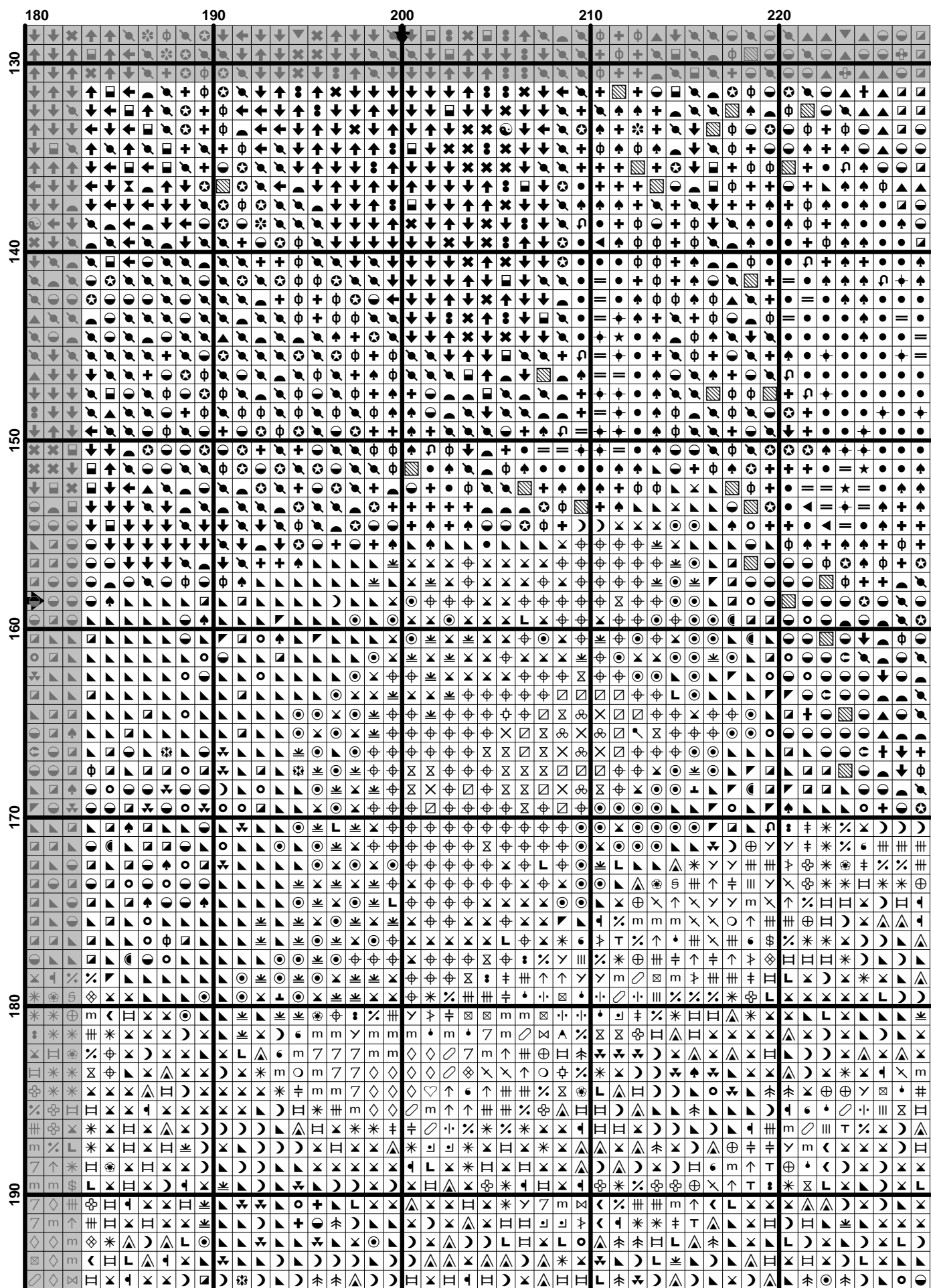
(27)



$$(29) \quad \mathcal{H}^{\text{reg}}_{\text{reg}} = \mathcal{H}^{\text{reg}}_{\text{reg}} \quad (30)$$

[illegible]





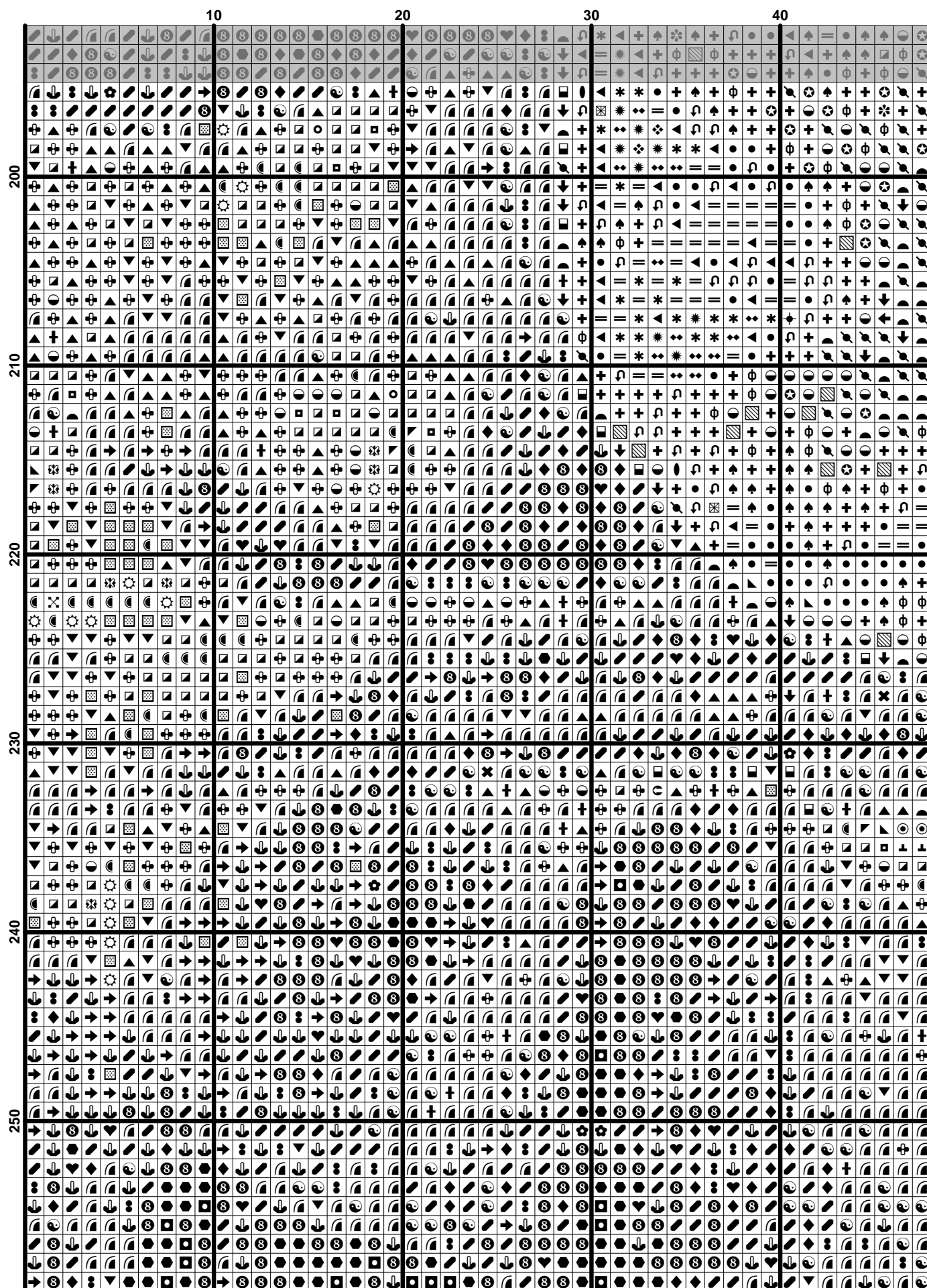
[illegible]

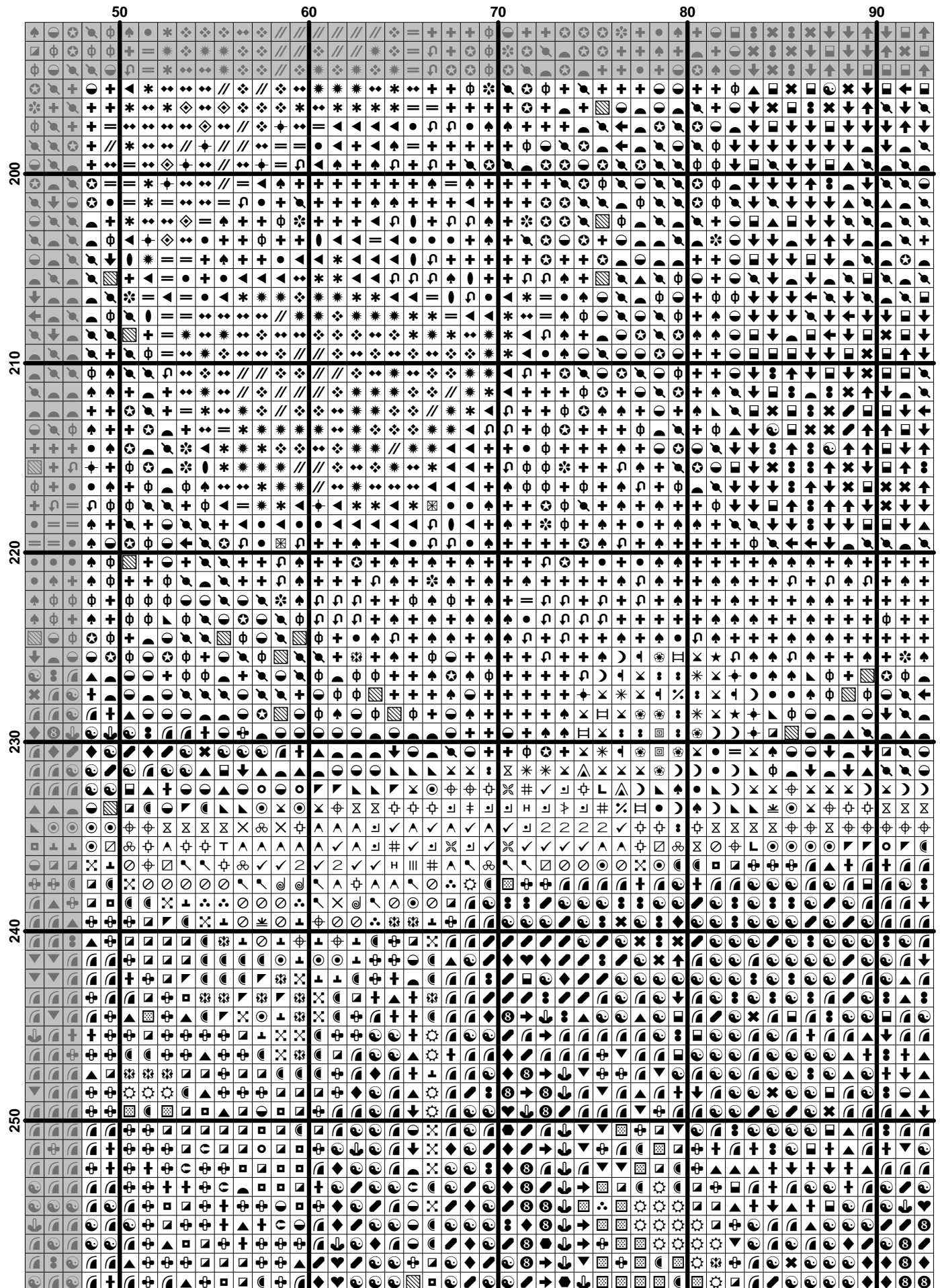


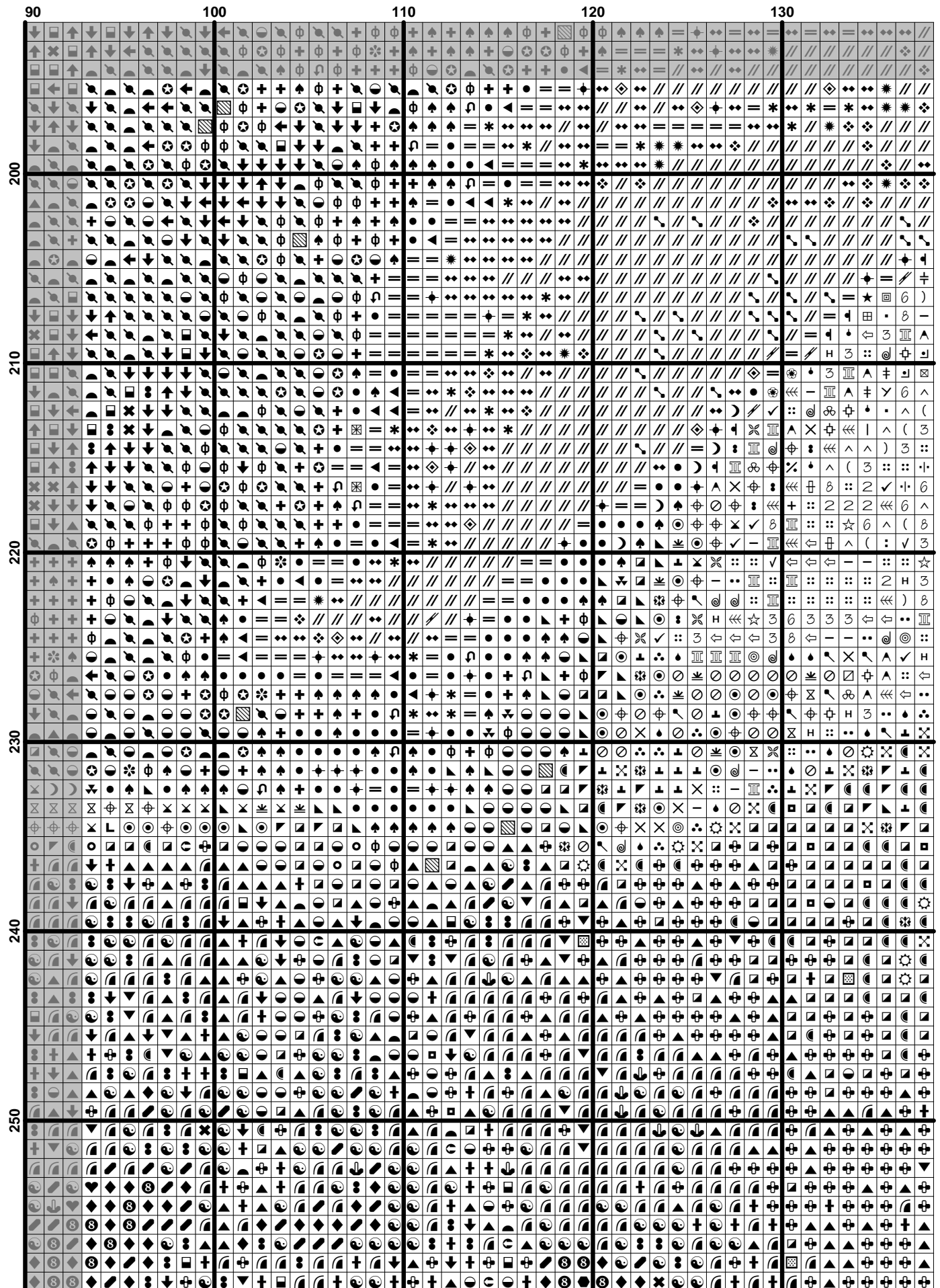
[illegible]

[illegible]

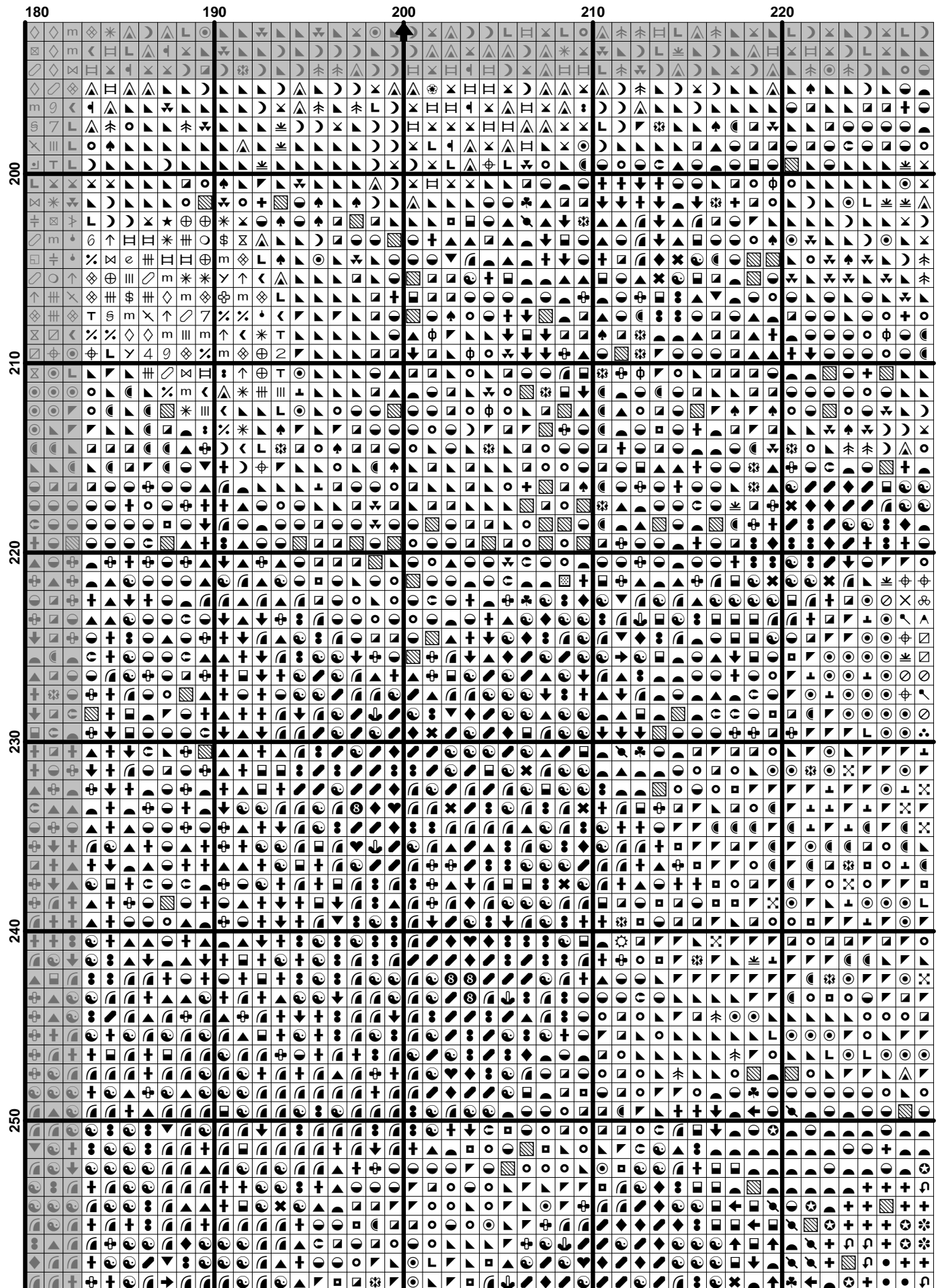
	360	370	380	390	400
130					
140					
150					
160					
170					
180					
190					







(41)





(43)

(44)

