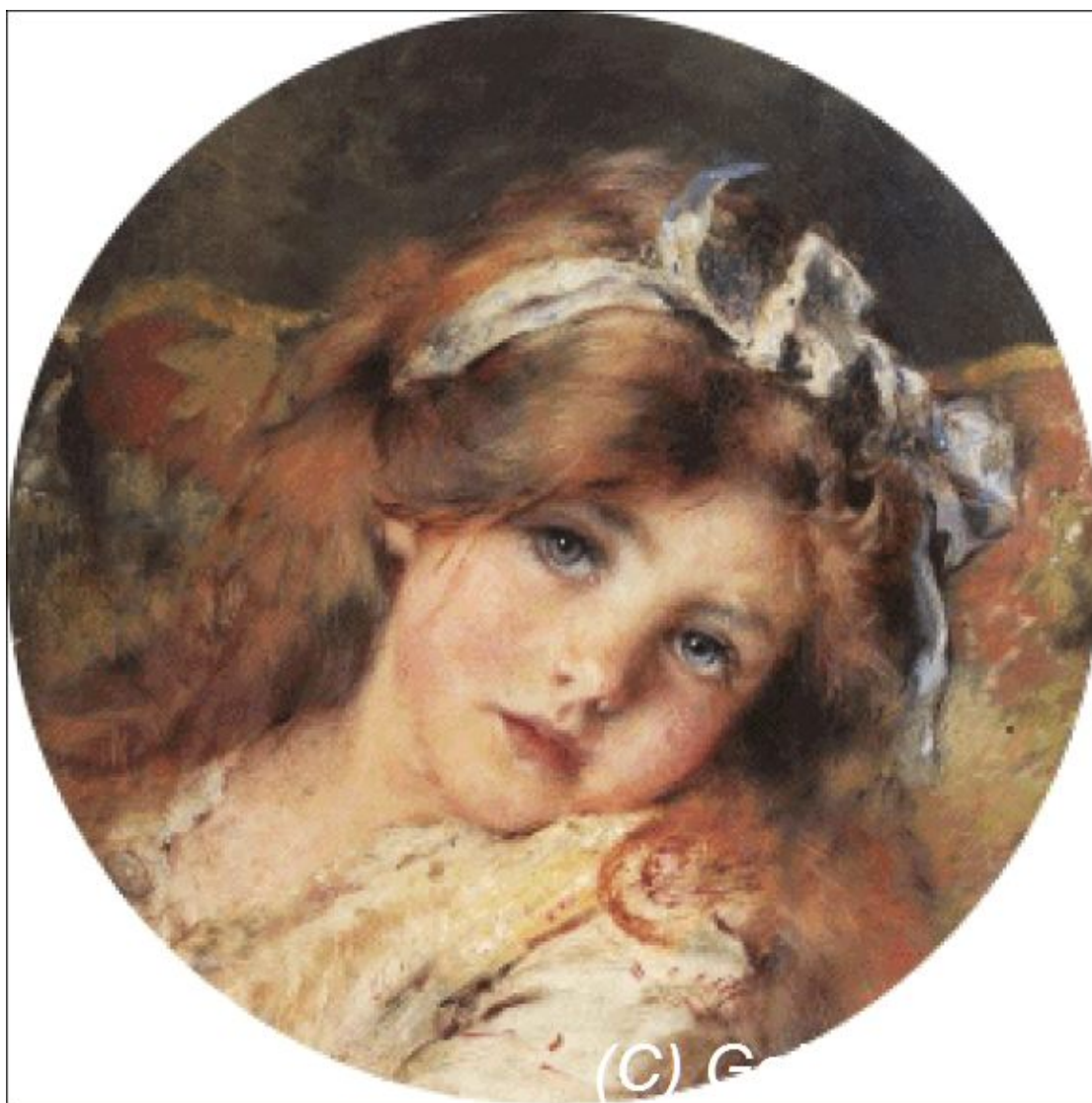


2120 Child Head



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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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Child Head

Stitch Count	
Horizontal:	300
Vertical:	300

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:	55	21.37	55	21.37	48	18.7	48	18.7	43	16.625	43	16.625
Including Margins:	71	28	71	28	64	25	64	25	59	23	59	23
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	77	29.91	77	29.91	64	24.93	64	24.93	32	12.46	32	12.46
Including Margins:	93	36	93	36	80	31	80	31	48	19	48	19
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	30	11.96	30	11.96	29	11.5	29	11.5	28	11.08	28	11.08
Including Margins:	46	18	46	18	45	18	45	18	44	18	44	18
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	27	10.68	27	10.68	25	9.97	25	9.97	24	9.34	24	9.34
Including Margins:	43	17	43	17	41	16	41	16	40	16	40	16

Solid Color Stitches. Use two strands of the specified color for these stitches.

Symbol	DMC	Name
◀	223	Shell Pink-LT
∨	224	Shell Pink-VY LT
)	225	Shell Pink-UL VY LT
☼	317	Pewter Gray
±	353	Peach
⬆	356	Terra Cotta-MD
*	371	Mustard
✂	372	Mustard-LT
↪	402	Mahogany-VY LT
■	413	Pewter Gray-DK
★	414	Steel Gray-DK
○	415	Pearl Gray
↱	437	Tan-LT
⌒	451	Shell Gray-DK
◎	452	Shell Gray-MD
m	453	Shell Gray-LT
♣	535	Ash Gray-VY LT
/	543	Beige Brown-UL VY LT
⊕	610	Drab Brown-DK
↙	612	Drab Brown-LT
—	613	Drab Brown-VY LT
⊗	632	Desert Sand-UL VY DK
⊗	640	Beige Gray-VY DK
•	644	Beige Gray-MD
♠	645	Beaver Gray-VY DK
//	646	Beaver Gray-DK
↘	647	Beaver Gray-MD
✓	648	Beaver Gray-LT
^	712	Cream
Δ	738	Tan-VY LT
4	739	Tan-UL VY LT
◇	754	Peach-LT
н	758	Terra Cotta-VY LT
○	762	Pearl Gray-VY LT
◦	819	Baby Pink-LT
△	822	Beige Gray-LT
●	838	Beige Brown-VY DK
↑	839	Beige Brown-DK
▲	840	Beige Brown-MD
⋈	841	Beige Brown-LT
⋈	842	Beige Brown-VY LT
✂	844	Beaver Brown-UL DK
▀	926	Gray Green-MD
⌘	927	Gray Green-LT
=	928	Gray Green-VY LT
✦	931	Antique Blue-MD
■	934	Black Avocado Green
■	938	Coffee Brown-UL DK
3	945	Tawny
♡	948	Peach-VY LT
≡	950	Desert Sand-LT
L	951	Tawny-LT
⊗	3021	Brown Gray-VY DK

	3022	Brown Gray-MD
	3024	Brown Gray-VY LT
	3033	Mocha Brown-VY LT
	3045	Yellow Beige-DK
	3046	Yellow Beige-MD
	3064	Desert Sand
	3072	Beaver Gray-VY LT
	3721	Shell Pink-DK
	3770	Tawny-VY LT
	3772	Desert Sand-VY DK
	3774	Desert Sand-VY LT
	3776	Mahogany-LT
	3778	Terra Cotta-LT
	3782	Mocha Brown-LT
	3787	Brown Gray-DK
	3790	Beige Gray-UL DK
	3823	Yellow-UL Pale
	3824	Apricot-LT
	3827	Golden Brown-Pale
	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
	Ecru	Ecru

Blend Stitches. Use one strand of each of DMC1 and DMC2 for these stitches.				
Symbol	DMC1	Name1	DMC2	Name2
	1	White 1	3756	Baby Blue-UL VY LT
	223	Shell Pink-LT	758	Terra Cotta-VY LT
	223	Shell Pink-LT	3863	Mocha Beige-MD
	223	Shell Pink-LT	3864	Mocha Beige-LT
	224	Shell Pink-VY LT	945	Tawny
	225	Shell Pink-UL VY LT	712	Cream
	315	Antique Mauve-VY DK	611	Drab Brown
	315	Antique Mauve-VY DK	645	Beaver Gray-VY DK
	315	Antique Mauve-VY DK	839	Beige Brown-DK
	315	Antique Mauve-VY DK	3022	Brown Gray-MD
	315	Antique Mauve-VY DK	3862	Mocha Beige-DK
	317	Pewter Gray	535	Ash Gray-VY LT
	318	Steel Gray-LT	931	Antique Blue-MD
	352	Coral-LT	758	Terra Cotta-VY LT
	353	Peach	543	Beige Brown-UL VY LT
	356	Terra Cotta-MD	420	Hazelnut Brown-DK
	356	Terra Cotta-MD	437	Tan-LT
	356	Terra Cotta-MD	3721	Shell Pink-DK
	356	Terra Cotta-MD	3722	Shell Pink-MD
	356	Terra Cotta-MD	3772	Desert Sand-VY DK
	356	Terra Cotta-MD	3778	Terra Cotta-LT

⦿	356	Terra Cotta-MD	3828	Hazelnut Brown
⦿	372	Mustard-LT	3064	Desert Sand
⦿	372	Mustard-LT	3864	Mocha Beige-LT
⦿	402	Mahogany-VY LT	3778	Terra Cotta-LT
⦿	407	Desert Sand-DK	3856	Mahogany-UL VY LT
⦿	413	Pewter Gray-DK	3021	Brown Gray-VY DK
⦿	413	Pewter Gray-DK	3799	Pewter Gray-VY DK
⦿	414	Steel Gray-DK	452	Shell Gray-MD
⦿	415	Pearl Gray	932	Antique Blue-LT
⦿	420	Hazelnut Brown-DK	3721	Shell Pink-DK
⦿	435	Brown-VY LT	3721	Shell Pink-DK
⦿	435	Brown-VY LT	3862	Mocha Beige-DK
⦿	437	Tan-LT	3064	Desert Sand
⦿	451	Shell Gray-DK	3041	Antique Violet-MD
⦿	451	Shell Gray-DK	3859	Rosewood-LT
⦿	453	Shell Gray-LT	822	Beige Gray-LT
⦿	453	Shell Gray-LT	950	Desert Sand-LT
⦿	524	Fern Green-VY LT	644	Beige Gray-MD
⦿	610	Drab Brown-DK	839	Beige Brown-DK
⦿	611	Drab Brown	632	Desert Sand-UL VY DK
⦿	611	Drab Brown	3721	Shell Pink-DK
⦿	611	Drab Brown	3772	Desert Sand-VY DK
⦿	611	Drab Brown	3859	Rosewood-LT
⦿	612	Drab Brown-LT	640	Beige Gray-VY DK
⦿	612	Drab Brown-LT	3064	Desert Sand
⦿	612	Drab Brown-LT	3859	Rosewood-LT
⦿	632	Desert Sand-UL VY DK	839	Beige Brown-DK
⦿	632	Desert Sand-UL VY DK	3858	Rosewood-MD
⦿	632	Desert Sand-UL VY DK	3862	Mocha Beige-DK
⦿	645	Beaver Gray-VY DK	839	Beige Brown-DK
⦿	645	Beaver Gray-VY DK	844	Beaver Brown-UL DK
⦿	645	Beaver Gray-VY DK	3041	Antique Violet-MD
⦿	648	Beaver Gray-LT	928	Gray Green-VY LT
⦿	712	Cream	746	Off White
⦿	712	Cream	955	Nile Green-LT
⦿	712	Cream	3743	Antique Violet-VY LT
⦿	712	Cream	3865	Winter White
⦿	712	Cream	3866	Mocha Brown-UL VY LT
⦿	738	Tan-VY LT	758	Terra Cotta-VY LT
⦿	738	Tan-VY LT	945	Tawny
⦿	738	Tan-VY LT	3864	Mocha Beige-LT
⦿	739	Tan-UL VY LT	842	Beige Brown-VY LT
⦿	739	Tan-UL VY LT	950	Desert Sand-LT
⦿	745	Yellow-LT Pale	3824	Apricot-LT
⦿	758	Terra Cotta-VY LT	3778	Terra Cotta-LT
⦿	758	Terra Cotta-VY LT	3856	Mahogany-UL VY LT
⦿	758	Terra Cotta-VY LT	3859	Rosewood-LT
⦿	758	Terra Cotta-VY LT	3864	Mocha Beige-LT
⦿	762	Pearl Gray-VY LT	3743	Antique Violet-VY LT
⦿	762	Pearl Gray-VY LT	3865	Winter White
⦿	819	Baby Pink-LT	3865	Winter White
⦿	822	Beige Gray-LT	ecru	Ecru
⦿	838	Beige Brown-VY DK	839	Beige Brown-DK
⦿	839	Beige Brown-DK	844	Beaver Brown-UL DK
⦿	839	Beige Brown-DK	3799	Pewter Gray-VY DK
⦿	839	Beige Brown-DK	3802	Antique Mauve-VY DK
⦿	839	Beige Brown-DK	3858	Rosewood-MD
⦿	844	Beaver Brown-UL DK	3021	Brown Gray-VY DK
⦿	844	Beaver Brown-UL DK	3787	Brown Gray-DK

田	928	Gray Green-VY LT	3042	Antique Violet-LT
●	938	Coffee Brown-UL DK	3799	Pewter Gray-VY DK
7	945	Tawny	3046	Yellow Beige-MD
⇒	945	Tawny	3823	Yellow-UL Pale
⋈	951	Tawny-LT	3774	Desert Sand-VY LT
⊙	3021	Brown Gray-VY DK	3799	Pewter Gray-VY DK
⊙	3022	Brown Gray-MD	3032	Mocha Brown-MD
♦♦	3022	Brown Gray-MD	3860	Cocoa
6	3046	Yellow Beige-MD	3078	Golden Yellow-VY LT
•	3078	Golden Yellow-VY LT	3823	Yellow-UL Pale
■	3721	Shell Pink-DK	3772	Desert Sand-VY DK
⚭	3722	Shell Pink-MD	3772	Desert Sand-VY DK
L	3722	Shell Pink-MD	3778	Terra Cotta-LT
Φ	3722	Shell Pink-MD	3858	Rosewood-MD
∅	3743	Antique Violet-VY LT	3753	Antique Blue-UL VY LT
⦶	3772	Desert Sand-VY DK	3859	Rosewood-LT
*	3772	Desert Sand-VY DK	3860	Cocoa
◀	3776	Mahogany-LT	3778	Terra Cotta-LT
⊕	3778	Terra Cotta-LT	3859	Rosewood-LT
⊞	3787	Brown Gray-DK	3790	Beige Gray-UL DK
⊞	3827	Golden Brown-Pale	3855	Autumn Gold-LT
⌘	3859	Rosewood-LT	3861	Cocoa-LT
✕	3859	Rosewood-LT	3863	Mocha Beige-MD
⦿	3859	Rosewood-LT	3864	Mocha Beige-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	5	1	4	1	4	1
223	Shell Pink-LT	133	52	127	50	114	44
224	Shell Pink-VY LT	140	55	133	52	120	47
225	Shell Pink-UL VY LT	11	4	11	4	10	3
315	Antique Mauve-VY DK	856	337	815	320	733	288
317	Pewter Gray	50	19	48	18	43	16
318	Steel Gray-LT	7	2	6	2	6	2
352	Coral-LT	5	1	5	1	4	1
353	Peach	28	11	27	10	24	9
356	Terra Cotta-MD	287	112	273	107	246	96
371	Mustard	31	12	30	11	27	10
372	Mustard-LT	117	46	111	43	100	39
402	Mahogany-VY LT	24	9	23	9	20	7
407	Desert Sand-DK	68	26	65	25	58	22
413	Pewter Gray-DK	682	268	649	255	584	229
414	Steel Gray-DK	67	26	63	24	57	22
415	Pearl Gray	24	9	23	9	20	7
420	Hazelnut Brown-DK	33	12	31	12	28	11
435	Brown-VY LT	19	7	18	7	16	6
437	Tan-LT	94	37	89	35	80	31
451	Shell Gray-DK	216	85	206	81	185	72
452	Shell Gray-MD	126	49	120	47	108	42
453	Shell Gray-LT	102	40	97	38	87	34
524	Fern Green-VY LT	32	12	31	12	28	11
535	Ash Gray-VY LT	238	93	227	89	204	80
543	Beige Brown-UL VY LT	78	30	74	29	67	26
610	Drab Brown-DK	132	51	126	49	113	44
611	Drab Brown	530	208	505	198	455	179
612	Drab Brown-LT	281	110	268	105	241	94
613	Drab Brown-VY LT	42	16	40	15	36	14
632	Desert Sand-UL VY DK	155	61	148	58	133	52
640	Beige Gray-VY DK	107	42	102	40	92	36
644	Beige Gray-MD	56	22	53	20	48	18
645	Beaver Gray-VY DK	655	257	624	245	562	221
646	Beaver Gray-DK	34	13	32	12	29	11
647	Beaver Gray-MD	85	33	81	31	73	28
648	Beaver Gray-LT	44	17	42	16	38	14
712	Cream	46	18	44	17	39	15
738	Tan-VY LT	462	181	440	173	396	155
739	Tan-UL VY LT	430	169	409	161	369	145
745	Yellow-LT Pale	11	4	10	3	9	3
746	Off White	3	1	3	1	3	1
754	Peach-LT	82	32	78	30	71	27
758	Terra Cotta-VY LT	470	185	447	175	403	158
762	Pearl Gray-VY LT	20	7	19	7	17	6
819	Baby Pink-LT	9	3	8	3	7	2
822	Beige Gray-LT	267	105	254	100	229	90
838	Beige Brown-VY DK	126	49	120	47	108	42
839	Beige Brown-DK	1423	560	1355	533	1220	480
840	Beige Brown-MD	178	70	170	66	153	60
841	Beige Brown-LT	150	59	143	56	128	50
842	Beige Brown-VY LT	291	114	277	109	250	98
844	Beaver Brown-UL DK	1053	414	1003	394	903	355

926	Gray Green-MD	17	6	16	6	14	5
927	Gray Green-LT	37	14	36	14	32	12
928	Gray Green-VY LT	34	13	32	12	29	11
931	Antique Blue-MD	10	3	9	3	8	3
932	Antique Blue-LT	2	1	2	1	2	1
934	Black Avocado Green	23	9	21	8	19	7
938	Coffee Brown-UL DK	164	64	156	61	141	55
945	Tawny	636	250	606	238	545	214
948	Peach-VY LT	37	14	35	13	32	12
950	Desert Sand-LT	322	126	307	120	276	108
951	Tawny-LT	88	34	84	33	76	29
955	Nile Green-LT	2	1	2	1	2	1
3021	Brown Gray-VY DK	834	328	794	312	715	281
3022	Brown Gray-MD	266	104	254	100	228	89
3024	Brown Gray-VY LT	39	15	37	14	33	12
3032	Mocha Brown-MD	28	11	27	10	24	9
3033	Mocha Brown-VY LT	13	5	12	4	11	4
3041	Antique Violet-MD	65	25	62	24	56	22
3042	Antique Violet-LT	14	5	14	5	12	4
3045	Yellow Beige-DK	18	7	17	6	16	6
3046	Yellow Beige-MD	54	21	52	20	46	18
3064	Desert Sand	248	97	236	92	213	83
3072	Beaver Gray-VY LT	25	9	24	9	22	8
3078	Golden Yellow-VY LT	22	8	21	8	19	7
3721	Shell Pink-DK	182	71	174	68	156	61
3722	Shell Pink-MD	71	27	68	26	61	24
3743	Antique Violet-VY LT	16	6	15	5	13	5
3753	Antique Blue-UL VY LT	5	1	5	1	5	1
3756	Baby Blue-UL VY LT	5	1	4	1	4	1
3770	Tawny-VY LT	8	3	8	3	7	2
3772	Desert Sand-VY DK	937	368	893	351	804	316
3774	Desert Sand-VY LT	146	57	139	54	125	49
3776	Mahogany-LT	15	5	14	5	13	5
3778	Terra Cotta-LT	122	48	117	46	105	41
3782	Mocha Brown-LT	86	33	82	32	74	29
3787	Brown Gray-DK	396	155	377	148	340	133
3790	Beige Gray-UL DK	292	114	278	109	251	98
3799	Pewter Gray-VY DK	899	353	856	337	770	303
3802	Antique Mauve-VY DK	39	15	37	14	34	13
3823	Yellow-UL Pale	45	17	43	16	39	15
3824	Apricot-LT	15	5	15	5	13	5
3827	Golden Brown-Pale	5	1	5	1	4	1
3828	Hazelnut Brown	59	23	56	22	51	20
3855	Autumn Gold-LT	3	1	3	1	2	1
3856	Mahogany-UL VY LT	142	55	135	53	122	48
3858	Rosewood-MD	76	29	73	28	65	25
3859	Rosewood-LT	801	315	763	300	687	270
3860	Cocoa	611	240	582	229	523	205
3861	Cocoa-LT	121	47	115	45	104	40
3862	Mocha Beige-DK	292	114	278	109	251	98
3863	Mocha Beige-MD	378	148	360	141	324	127
3864	Mocha Beige-LT	506	199	482	189	434	170
3865	Winter White	34	13	32	12	29	11
3866	Mocha Brown-UL VY LT	18	7	18	7	16	6
ecru	Ecru	172	67	164	64	147	57

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
1	White 1	7	2	6	2	3	1
223	Shell Pink-LT	205	79	171	66	86	33
224	Shell Pink-VY LT	216	85	180	71	90	35
225	Shell Pink-UL VY LT	18	5	15	5	8	2
315	Antique Mauve-VY DK	1319	518	1100	432	550	216
317	Pewter Gray	77	29	65	24	32	12
318	Steel Gray-LT	11	4	9	3	5	2
352	Coral-LT	7	2	6	2	3	1
353	Peach	43	16	36	14	18	7
356	Terra Cotta-MD	443	173	369	144	185	72
371	Mustard	49	18	41	15	20	8
372	Mustard-LT	180	70	150	59	75	29
402	Mahogany-VY LT	36	13	30	11	15	5
407	Desert Sand-DK	104	40	87	33	44	17
413	Pewter Gray-DK	1051	412	876	344	438	172
414	Steel Gray-DK	103	40	86	33	43	17
415	Pearl Gray	36	13	30	11	15	5
420	Hazelnut Brown-DK	50	20	42	17	21	8
435	Brown-VY LT	29	11	24	9	12	5
437	Tan-LT	144	56	120	47	60	23
451	Shell Gray-DK	333	130	278	108	139	54
452	Shell Gray-MD	194	76	162	63	81	32
453	Shell Gray-LT	157	61	131	51	65	26
524	Fern Green-VY LT	50	20	42	17	21	8
535	Ash Gray-VY LT	367	144	306	120	153	60
543	Beige Brown-UL VY LT	121	47	101	39	50	20
610	Drab Brown-DK	203	79	170	66	85	33
611	Drab Brown	819	322	683	269	341	134
612	Drab Brown-LT	434	169	362	141	181	71
613	Drab Brown-VY LT	65	25	54	21	27	11
632	Desert Sand-UL VY DK	239	94	200	78	100	39
640	Beige Gray-VY DK	166	65	138	54	69	27
644	Beige Gray-MD	86	32	72	27	36	14
645	Beaver Gray-VY DK	1012	398	843	332	422	166
646	Beaver Gray-DK	52	20	44	17	22	8
647	Beaver Gray-MD	131	50	110	42	55	21
648	Beaver Gray-LT	68	25	57	21	29	11
712	Cream	70	27	59	23	29	11
738	Tan-VY LT	713	279	594	233	297	116
739	Tan-UL VY LT	664	261	554	218	277	109
745	Yellow-LT Pale	16	5	14	5	7	2
746	Off White	5	2	5	2	2	1
754	Peach-LT	128	49	107	41	53	20
758	Terra Cotta-VY LT	725	284	605	237	302	119
762	Pearl Gray-VY LT	31	11	26	9	13	5
819	Baby Pink-LT	13	4	11	3	5	2
822	Beige Gray-LT	412	162	344	135	172	68
838	Beige Brown-VY DK	194	76	162	63	81	32
839	Beige Brown-DK	2196	864	1830	720	915	360
840	Beige Brown-MD	275	108	230	90	115	45
841	Beige Brown-LT	230	90	192	75	96	38
842	Beige Brown-VY LT	450	176	375	147	188	74
844	Beaver Brown-UL DK	1625	639	1355	533	677	266
926	Gray Green-MD	25	9	21	8	11	4

927	Gray Green-LT	58	22	48	18	24	9
928	Gray Green-VY LT	52	20	44	17	22	8
931	Antique Blue-MD	14	5	12	5	6	2
932	Antique Blue-LT	4	2	3	2	2	1
934	Black Avocado Green	34	13	29	11	14	5
938	Coffee Brown-UL DK	254	99	212	83	106	41
945	Tawny	981	385	818	321	409	161
948	Peach-VY LT	58	22	48	18	24	9
950	Desert Sand-LT	497	194	414	162	207	81
951	Tawny-LT	137	52	114	44	57	22
955	Nile Green-LT	4	2	3	2	2	1
3021	Brown Gray-VY DK	1287	506	1073	422	536	211
3022	Brown Gray-MD	410	160	342	134	171	67
3024	Brown Gray-VY LT	59	22	50	18	25	9
3032	Mocha Brown-MD	43	16	36	14	18	7
3033	Mocha Brown-VY LT	20	7	17	6	8	3
3041	Antique Violet-MD	101	40	84	33	42	17
3042	Antique Violet-LT	22	7	18	6	9	3
3045	Yellow Beige-DK	29	11	24	9	12	5
3046	Yellow Beige-MD	83	32	69	27	35	14
3064	Desert Sand	383	149	320	125	160	62
3072	Beaver Gray-VY LT	40	14	33	12	17	6
3078	Golden Yellow-VY LT	34	13	29	11	14	5
3721	Shell Pink-DK	281	110	234	92	117	46
3722	Shell Pink-MD	110	43	92	36	46	18
3743	Antique Violet-VY LT	23	9	20	8	10	4
3753	Antique Blue-UL VY LT	9	2	8	2	4	1
3756	Baby Blue-UL VY LT	7	2	6	2	3	1
3770	Tawny-VY LT	13	4	11	3	5	2
3772	Desert Sand-VY DK	1447	569	1206	474	603	237
3774	Desert Sand-VY LT	225	88	188	74	94	37
3776	Mahogany-LT	23	9	20	8	10	4
3778	Terra Cotta-LT	189	74	158	62	79	31
3782	Mocha Brown-LT	133	52	111	44	56	22
3787	Brown Gray-DK	612	239	510	200	255	100
3790	Beige Gray-UL DK	452	176	377	147	188	74
3799	Pewter Gray-VY DK	1386	545	1155	455	578	227
3802	Antique Mauve-VY DK	61	23	51	20	26	10
3823	Yellow-UL Pale	70	27	59	23	29	11
3824	Apricot-LT	23	9	20	8	10	4
3827	Golden Brown-Pale	7	2	6	2	3	1
3828	Hazelnut Brown	92	36	77	30	38	15
3855	Autumn Gold-LT	4	2	3	2	2	1
3856	Mahogany-UL VY LT	220	86	183	72	92	36
3858	Rosewood-MD	117	45	98	38	49	19
3859	Rosewood-LT	1237	486	1031	405	515	203
3860	Cocoa	941	369	785	308	392	154
3861	Cocoa-LT	187	72	156	60	78	30
3862	Mocha Beige-DK	452	176	377	147	188	74
3863	Mocha Beige-MD	583	229	486	191	243	95
3864	Mocha Beige-LT	781	306	651	255	326	128
3865	Winter White	52	20	44	17	22	8
3866	Mocha Brown-UL VY LT	29	11	24	9	12	5
ecru	Ecru	265	103	221	86	110	43

Extended thread usage table.

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
1	White 1	3	1	3	1	3	1
223	Shell Pink-LT	82	32	79	30	76	29
224	Shell Pink-VY LT	86	34	83	33	80	31
225	Shell Pink-UL VY LT	7	2	7	2	7	2
315	Antique Mauve-VY DK	528	207	507	199	489	192
317	Pewter Gray	31	12	30	11	29	11
318	Steel Gray-LT	4	1	4	1	4	1
352	Coral-LT	3	1	3	1	3	1
353	Peach	17	6	17	6	16	6
356	Terra Cotta-MD	177	69	170	66	164	64
371	Mustard	19	7	19	7	18	7
372	Mustard-LT	72	28	69	27	67	26
402	Mahogany-VY LT	14	5	14	5	13	5
407	Desert Sand-DK	42	16	40	15	39	15
413	Pewter Gray-DK	420	165	404	159	389	153
414	Steel Gray-DK	41	16	39	15	38	15
415	Pearl Gray	14	5	14	5	13	5
420	Hazelnut Brown-DK	20	8	19	8	19	7
435	Brown-VY LT	12	4	11	4	11	4
437	Tan-LT	58	22	55	21	53	21
451	Shell Gray-DK	133	52	128	50	123	48
452	Shell Gray-MD	78	30	75	29	72	28
453	Shell Gray-LT	63	24	60	24	58	23
524	Fern Green-VY LT	20	8	19	8	19	7
535	Ash Gray-VY LT	147	58	141	55	136	53
543	Beige Brown-UL VY LT	48	19	46	18	45	17
610	Drab Brown-DK	81	32	78	30	75	29
611	Drab Brown	328	129	315	124	303	119
612	Drab Brown-LT	174	68	167	65	161	63
613	Drab Brown-VY LT	26	10	25	10	24	9
632	Desert Sand-UL VY DK	96	37	92	36	89	35
640	Beige Gray-VY DK	66	26	64	25	61	24
644	Beige Gray-MD	35	13	33	12	32	12
645	Beaver Gray-VY DK	405	159	389	153	375	147
646	Beaver Gray-DK	21	8	20	8	19	7
647	Beaver Gray-MD	53	20	51	19	49	19
648	Beaver Gray-LT	27	10	26	10	25	9
712	Cream	28	11	27	10	26	10
738	Tan-VY LT	285	112	274	107	264	103
739	Tan-UL VY LT	266	104	255	100	246	97
745	Yellow-LT Pale	6	2	6	2	6	2
746	Off White	2	1	2	1	2	1
754	Peach-LT	51	19	49	19	47	18
758	Terra Cotta-VY LT	290	114	279	109	269	105
762	Pearl Gray-VY LT	12	4	12	4	11	4
819	Baby Pink-LT	5	1	5	1	5	1
822	Beige Gray-LT	165	65	159	62	153	60
838	Beige Brown-VY DK	78	30	75	29	72	28
839	Beige Brown-DK	878	346	845	332	813	320
840	Beige Brown-MD	110	43	106	42	102	40
841	Beige Brown-LT	92	36	89	35	85	33
842	Beige Brown-VY LT	180	71	173	68	167	65
844	Beaver Brown-UL DK	650	256	625	246	602	237
926	Gray Green-MD	10	4	10	3	9	3
927	Gray Green-LT	23	9	22	8	21	8
928	Gray Green-VY LT	21	8	20	8	19	7
931	Antique Blue-MD	6	2	6	2	5	2

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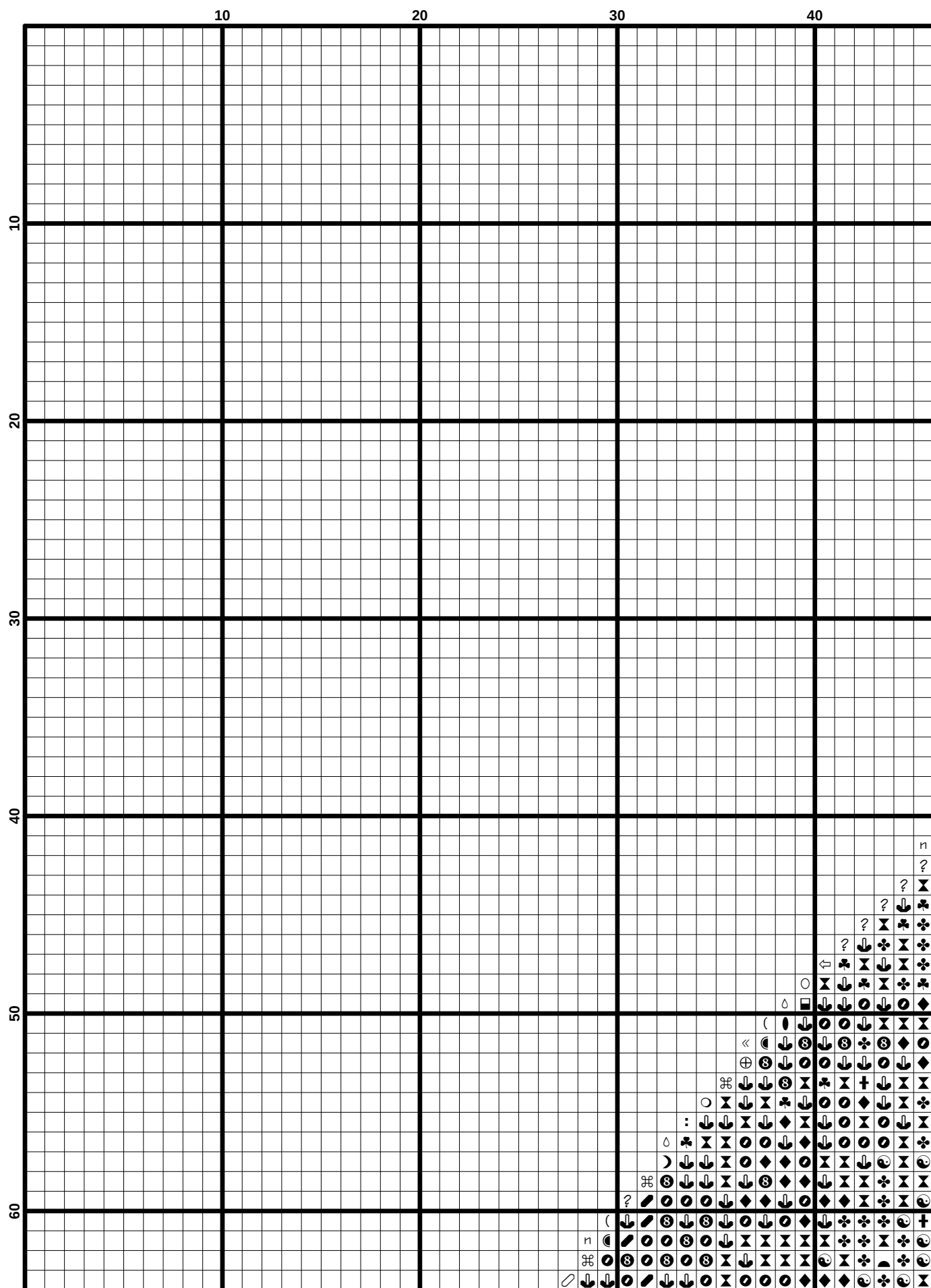
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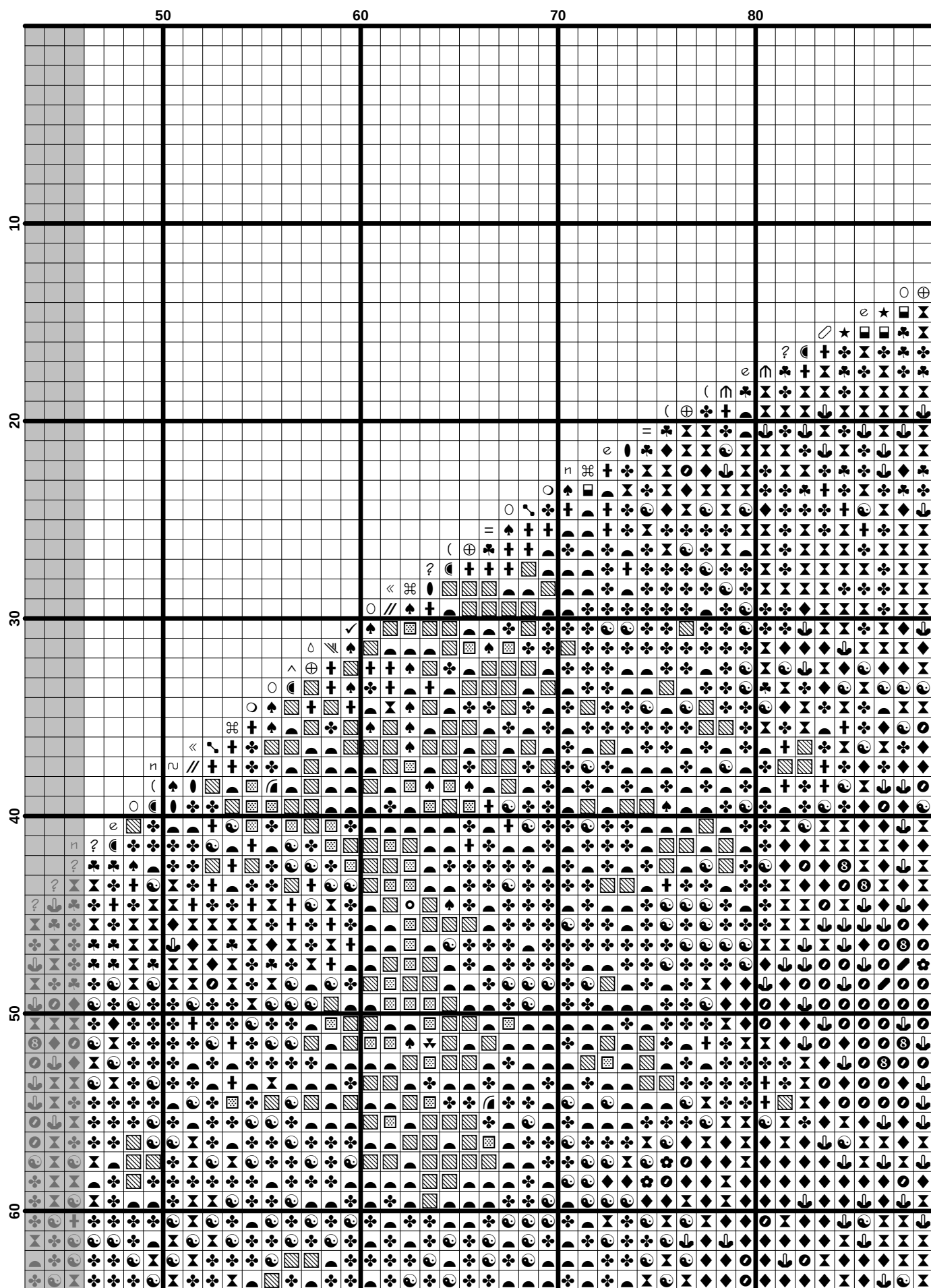
932	Antique Blue-LT	1	1	1	1	1	1
934	Black Avocado Green	14	5	13	5	13	5
938	Coffee Brown-UL DK	102	40	98	38	94	37
945	Tawny	392	154	377	148	363	143
948	Peach-VY LT	23	9	22	8	21	8
950	Desert Sand-LT	199	78	191	75	184	72
951	Tawny-LT	55	21	53	20	51	19
955	Nile Green-LT	1	1	1	1	1	1
3021	Brown Gray-VY DK	515	202	495	195	477	187
3022	Brown Gray-MD	164	64	158	62	152	59
3024	Brown Gray-VY LT	24	9	23	8	22	8
3032	Mocha Brown-MD	17	6	17	6	16	6
3033	Mocha Brown-VY LT	8	3	8	3	7	3
3041	Antique Violet-MD	40	16	39	15	37	15
3042	Antique Violet-LT	9	3	8	3	8	3
3045	Yellow Beige-DK	12	4	11	4	11	4
3046	Yellow Beige-MD	33	13	32	12	31	12
3064	Desert Sand	153	60	147	57	142	55
3072	Beaver Gray-VY LT	16	6	15	6	15	5
3078	Golden Yellow-VY LT	14	5	13	5	13	5
3721	Shell Pink-DK	112	44	108	42	104	41
3722	Shell Pink-MD	44	17	42	17	41	16
3743	Antique Violet-VY LT	9	4	9	3	9	3
3753	Antique Blue-UL VY LT	4	1	3	1	3	1
3756	Baby Blue-UL VY LT	3	1	3	1	3	1
3770	Tawny-VY LT	5	1	5	1	5	1
3772	Desert Sand-VY DK	579	228	557	219	536	211
3774	Desert Sand-VY LT	90	35	87	34	83	33
3776	Mahogany-LT	9	4	9	3	9	3
3778	Terra Cotta-LT	76	30	73	28	70	27
3782	Mocha Brown-LT	53	21	51	20	49	19
3787	Brown Gray-DK	245	96	235	92	227	89
3790	Beige Gray-UL DK	181	71	174	68	167	65
3799	Pewter Gray-VY DK	554	218	533	210	513	202
3802	Antique Mauve-VY DK	24	9	24	9	23	9
3823	Yellow-UL Pale	28	11	27	10	26	10
3824	Apricot-LT	9	4	9	3	9	3
3827	Golden Brown-Pale	3	1	3	1	3	1
3828	Hazelnut Brown	37	14	35	14	34	13
3855	Autumn Gold-LT	1	1	1	1	1	1
3856	Mahogany-UL VY LT	88	35	84	33	81	32
3858	Rosewood-MD	47	18	45	17	43	17
3859	Rosewood-LT	495	194	476	187	458	180
3860	Cocoa	377	148	362	142	349	137
3861	Cocoa-LT	75	29	72	28	69	27
3862	Mocha Beige-DK	181	71	174	68	167	65
3863	Mocha Beige-MD	233	91	224	88	216	85
3864	Mocha Beige-LT	312	122	300	118	289	113
3865	Winter White	21	8	20	8	19	7
3866	Mocha Brown-UL VY LT	12	4	11	4	11	4
ecru	Ecru	106	41	102	39	98	38

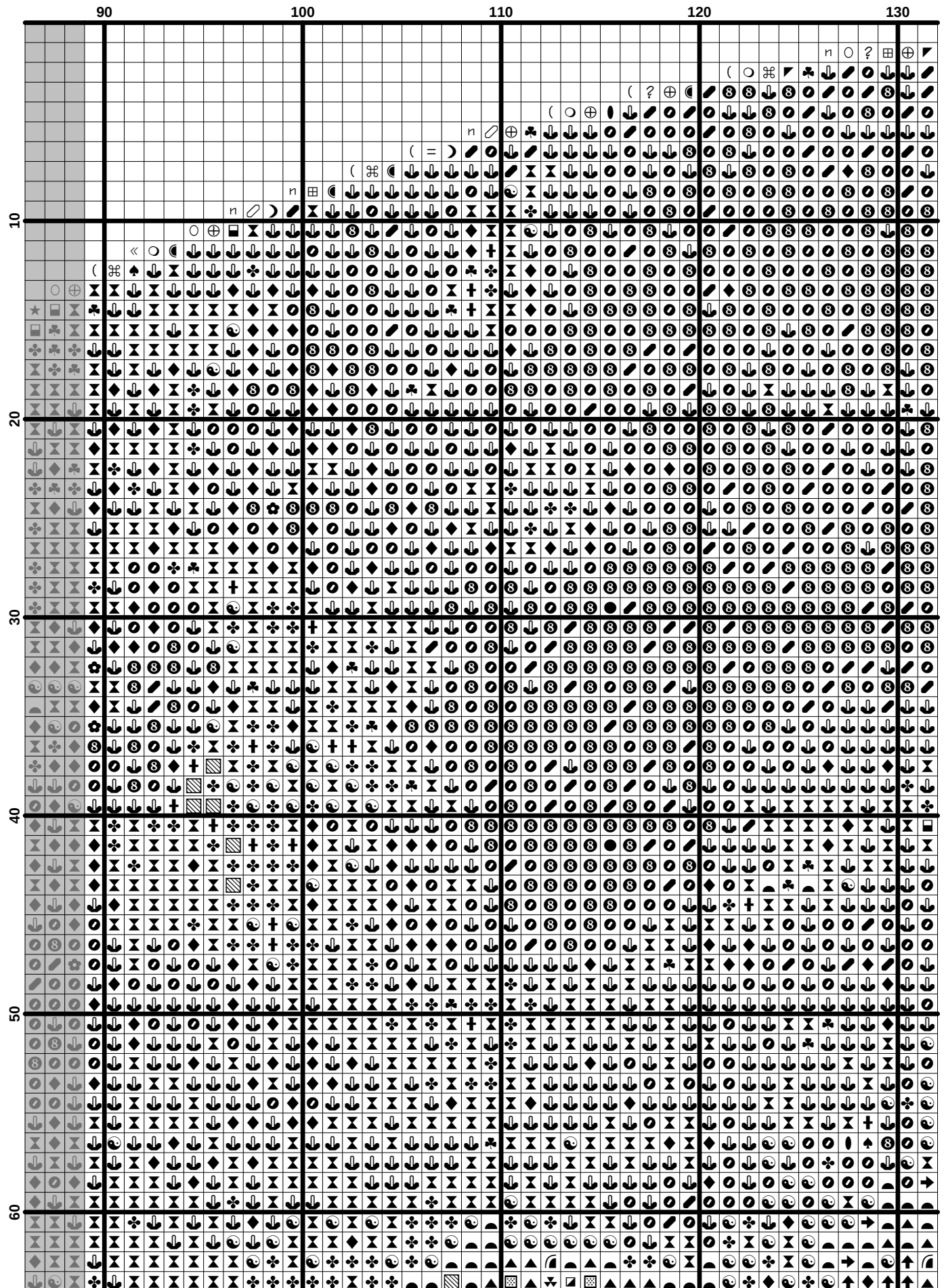
Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
1	White 1	3	1	2	1	2	1

223	Shell Pink-LT	73	28	68	26	64	25
224	Shell Pink-VY LT	77	30	72	28	68	26
225	Shell Pink-UL VY LT	6	2	6	2	6	2
315	Antique Mauve-VY DK	471	185	440	173	412	162
317	Pewter Gray	28	10	26	10	24	9
318	Steel Gray-LT	4	1	4	1	3	1
352	Coral-LT	3	1	2	1	2	1
353	Peach	15	6	14	5	14	5
356	Terra Cotta-MD	158	62	148	58	138	54
371	Mustard	17	6	16	6	15	6
372	Mustard-LT	64	25	60	23	56	22
402	Mahogany-VY LT	13	5	12	4	11	4
407	Desert Sand-DK	37	14	35	13	33	12
413	Pewter Gray-DK	375	147	350	137	329	129
414	Steel Gray-DK	37	14	34	13	32	12
415	Pearl Gray	13	5	12	4	11	4
420	Hazelnut Brown-DK	18	7	17	7	16	6
435	Brown-VY LT	10	4	10	4	9	3
437	Tan-LT	51	20	48	19	45	17
451	Shell Gray-DK	119	46	111	43	104	41
452	Shell Gray-MD	69	27	65	25	61	24
453	Shell Gray-LT	56	22	52	20	49	19
524	Fern Green-VY LT	18	7	17	7	16	6
535	Ash Gray-VY LT	131	51	122	48	115	45
543	Beige Brown-UL VY LT	43	17	40	16	38	15
610	Drab Brown-DK	73	28	68	26	64	25
611	Drab Brown	293	115	273	107	256	101
612	Drab Brown-LT	155	60	145	56	136	53
613	Drab Brown-VY LT	23	9	22	8	20	8
632	Desert Sand-UL VY DK	86	33	80	31	75	29
640	Beige Gray-VY DK	59	23	55	22	52	20
644	Beige Gray-MD	31	12	29	11	27	10
645	Beaver Gray-VY DK	361	142	337	133	316	124
646	Beaver Gray-DK	19	7	17	7	16	6
647	Beaver Gray-MD	47	18	44	17	41	16
648	Beaver Gray-LT	24	9	23	8	21	8
712	Cream	25	10	23	9	22	8
738	Tan-VY LT	255	100	238	93	223	87
739	Tan-UL VY LT	237	93	221	87	208	82
745	Yellow-LT Pale	6	2	5	2	5	2
746	Off White	2	1	2	1	2	1
754	Peach-LT	46	17	43	16	40	15
758	Terra Cotta-VY LT	259	102	242	95	227	89
762	Pearl Gray-VY LT	11	4	10	4	10	3
819	Baby Pink-LT	5	1	4	1	4	1
822	Beige Gray-LT	147	58	137	54	129	51
838	Beige Brown-VY DK	69	27	65	25	61	24
839	Beige Brown-DK	784	309	732	288	686	270
840	Beige Brown-MD	98	39	92	36	86	34
841	Beige Brown-LT	82	32	77	30	72	28
842	Beige Brown-VY LT	161	63	150	59	141	55
844	Beaver Brown-UL DK	581	228	542	213	508	200
926	Gray Green-MD	9	3	8	3	8	3
927	Gray Green-LT	21	8	19	7	18	7
928	Gray Green-VY LT	19	7	17	7	16	6
931	Antique Blue-MD	5	2	5	2	5	2
932	Antique Blue-LT	1	1	1	1	1	1
934	Black Avocado Green	12	5	11	4	11	4
938	Coffee Brown-UL DK	91	35	85	33	79	31

945	Tawny	350	138	327	128	307	120
948	Peach-VY LT	21	8	19	7	18	7
950	Desert Sand-LT	177	69	166	65	155	61
951	Tawny-LT	49	19	46	17	43	16
955	Nile Green-LT	1	1	1	1	1	1
3021	Brown Gray-VY DK	460	181	429	169	402	158
3022	Brown Gray-MD	147	57	137	53	128	50
3024	Brown Gray-VY LT	21	8	20	7	19	7
3032	Mocha Brown-MD	15	6	14	5	14	5
3033	Mocha Brown-VY LT	7	3	7	2	6	2
3041	Antique Violet-MD	36	14	34	13	32	12
3042	Antique Violet-LT	8	3	7	2	7	2
3045	Yellow Beige-DK	10	4	10	4	9	3
3046	Yellow Beige-MD	30	12	28	11	26	10
3064	Desert Sand	137	53	128	50	120	47
3072	Beaver Gray-VY LT	14	5	13	5	12	5
3078	Golden Yellow-VY LT	12	5	11	4	11	4
3721	Shell Pink-DK	100	39	94	37	88	34
3722	Shell Pink-MD	39	15	37	14	34	14
3743	Antique Violet-VY LT	8	3	8	3	7	3
3753	Antique Blue-UL VY LT	3	1	3	1	3	1
3756	Baby Blue-UL VY LT	3	1	2	1	2	1
3770	Tawny-VY LT	5	1	4	1	4	1
3772	Desert Sand-VY DK	517	203	482	190	452	178
3774	Desert Sand-VY LT	80	32	75	29	70	28
3776	Mahogany-LT	8	3	8	3	7	3
3778	Terra Cotta-LT	68	26	63	25	59	23
3782	Mocha Brown-LT	48	19	44	17	42	16
3787	Brown Gray-DK	219	86	204	80	191	75
3790	Beige Gray-UL DK	161	63	151	59	141	55
3799	Pewter Gray-VY DK	495	195	462	182	433	170
3802	Antique Mauve-VY DK	22	8	20	8	19	7
3823	Yellow-UL Pale	25	10	23	9	22	8
3824	Apricot-LT	8	3	8	3	7	3
3827	Golden Brown-Pale	3	1	2	1	2	1
3828	Hazelnut Brown	33	13	31	12	29	11
3855	Autumn Gold-LT	1	1	1	1	1	1
3856	Mahogany-UL VY LT	78	31	73	29	69	27
3858	Rosewood-MD	42	16	39	15	37	14
3859	Rosewood-LT	442	174	412	162	386	152
3860	Cocoa	336	132	314	123	294	115
3861	Cocoa-LT	67	26	62	24	59	23
3862	Mocha Beige-DK	161	63	151	59	141	55
3863	Mocha Beige-MD	208	82	194	76	182	71
3864	Mocha Beige-LT	279	109	260	102	244	96
3865	Winter White	19	7	17	7	16	6
3866	Mocha Brown-UL VY LT	10	4	10	4	9	3
ecru	Ecru	95	37	88	34	83	32

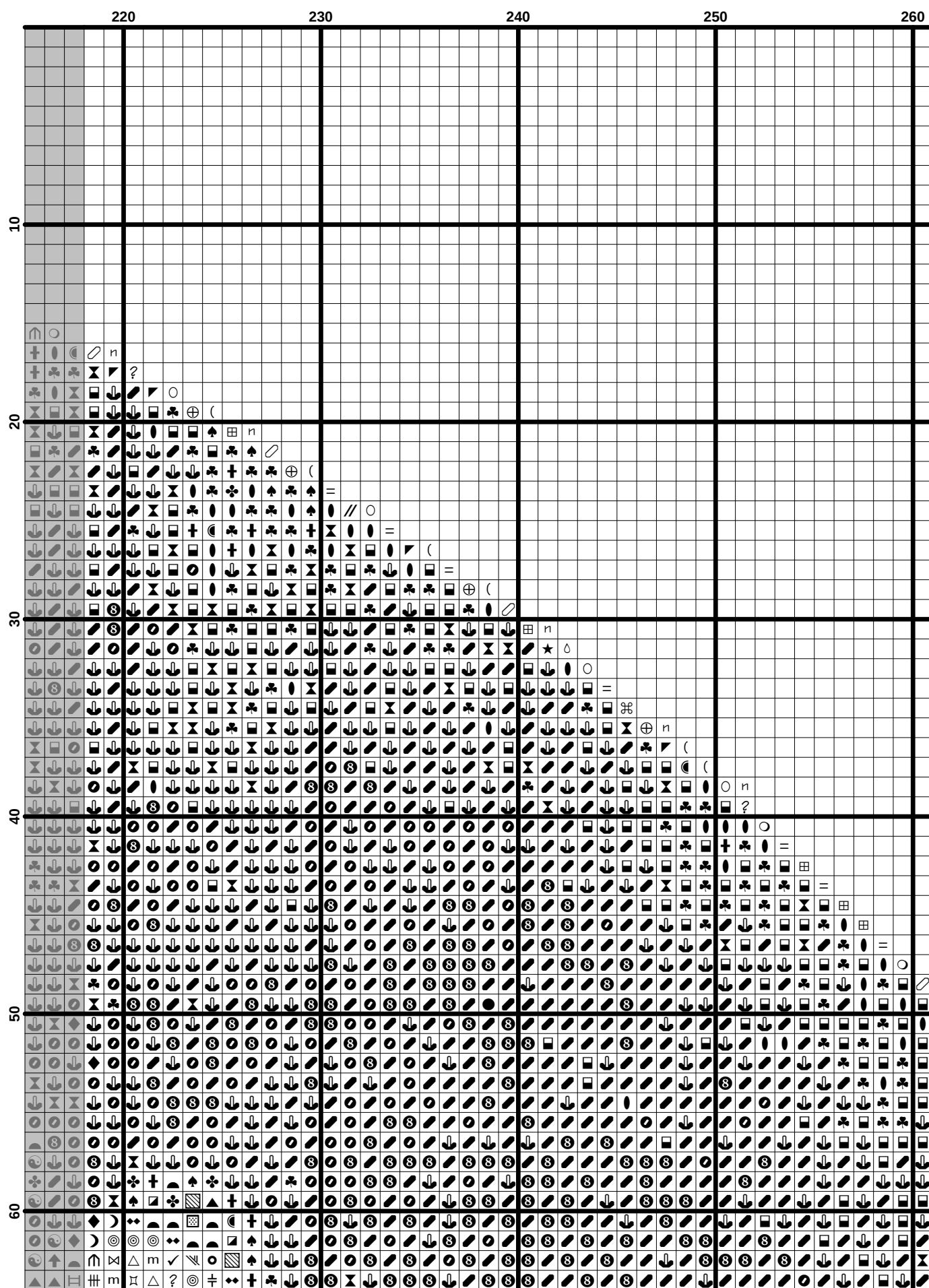


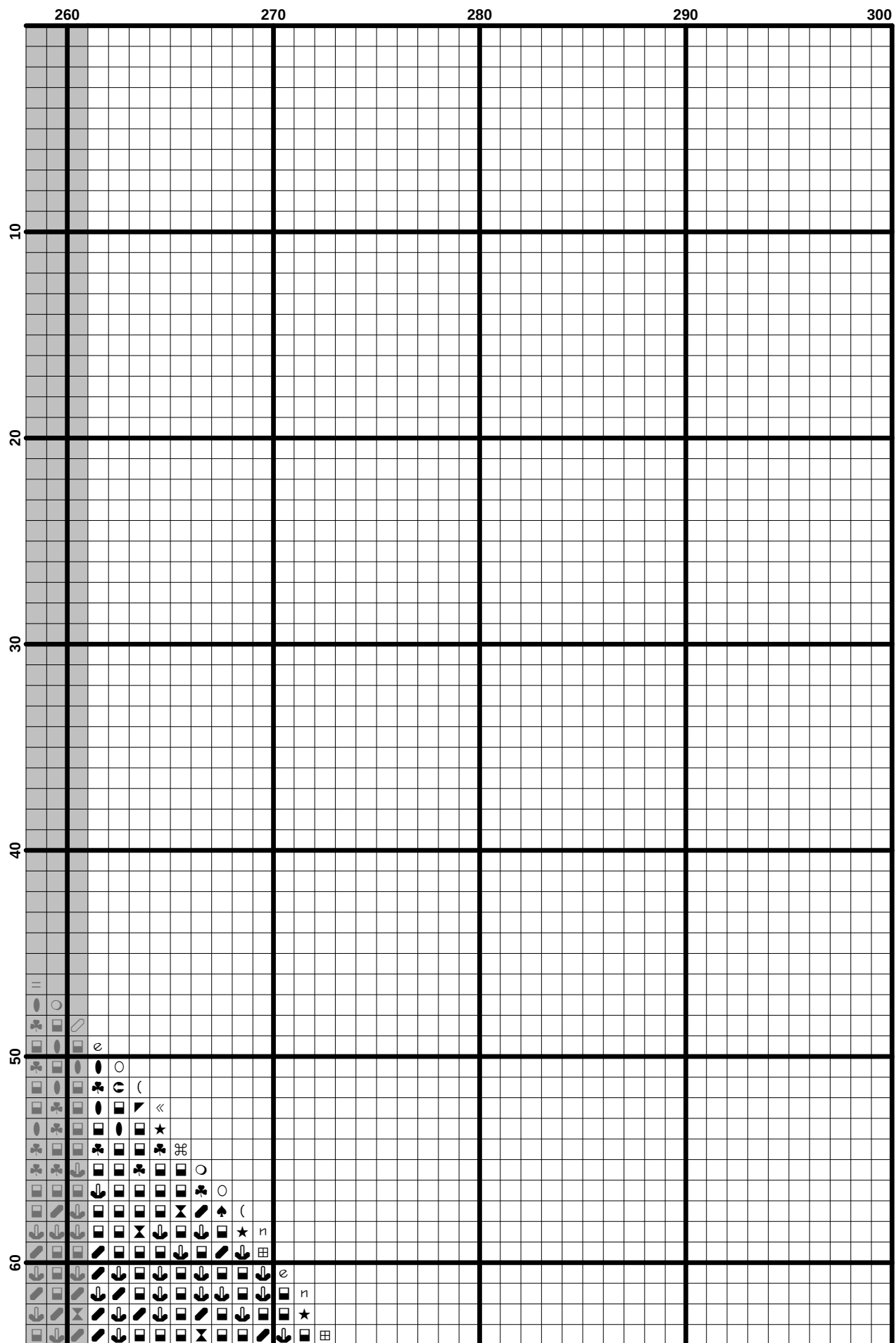


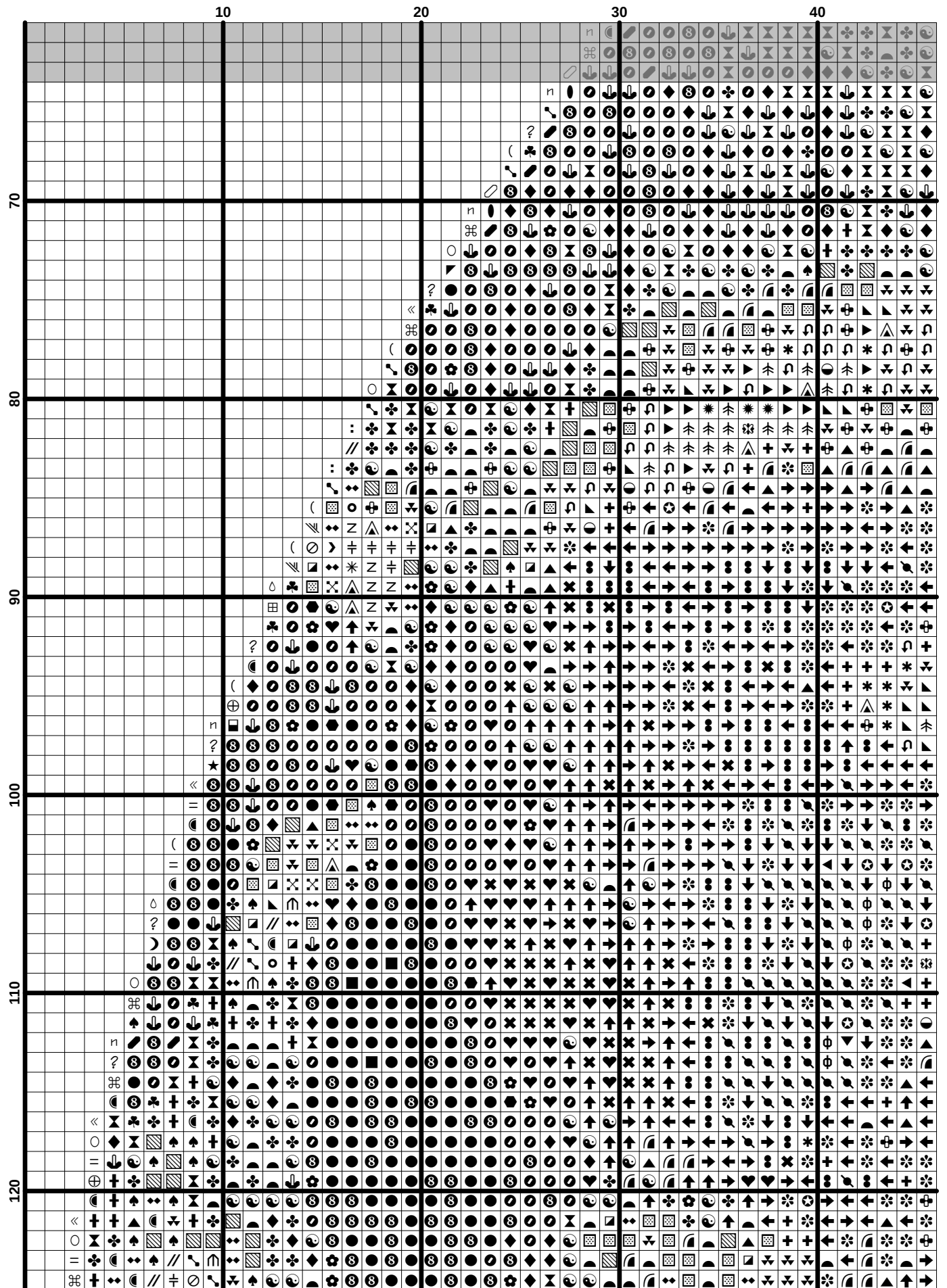


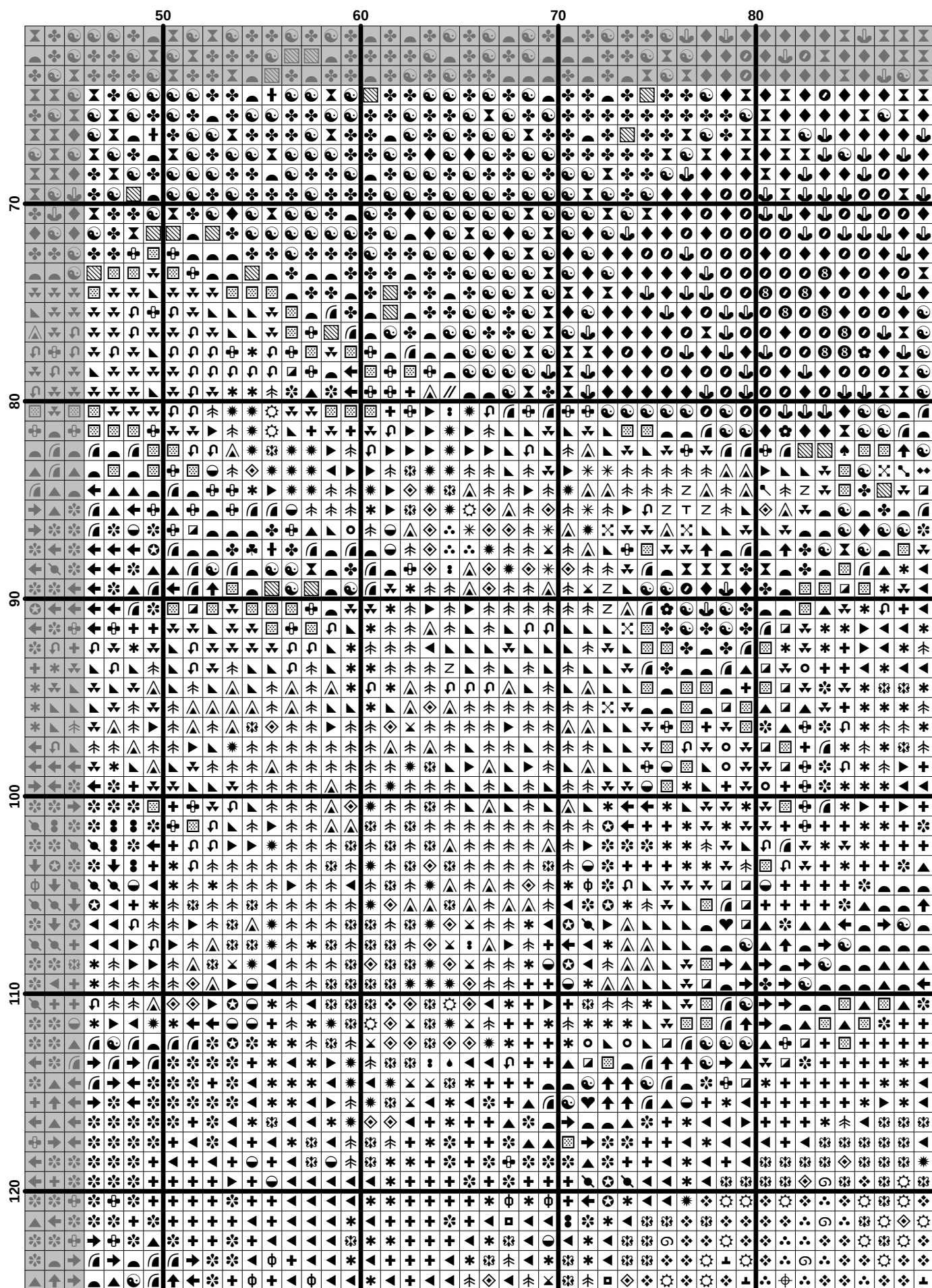
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110	⬆	⬆	⬆	⬆	⬆
120	⬆	⬆	⬆	⬆	⬆
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150	⬆	⬆	⬆	⬆	⬆
160	⬆	⬆	⬆	⬆	⬆
170	⬆	⬆	⬆	⬆	⬆
180	⬆	⬆	⬆	⬆	⬆
190	⬆	⬆	⬆	⬆	⬆
200	⬆	⬆	⬆	⬆	⬆
210	⬆	⬆	⬆	⬆	⬆
220	⬆	⬆	⬆	⬆	⬆
230	⬆	⬆	⬆	⬆	⬆
240	⬆	⬆	⬆	⬆	⬆
250	⬆	⬆	⬆	⬆	⬆
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290	⬆	⬆	⬆	⬆	⬆
300	⬆	⬆	⬆	⬆	⬆
310	⬆	⬆	⬆	⬆	⬆
320	⬆	⬆	⬆	⬆	⬆
330	⬆	⬆	⬆	⬆	⬆
340	⬆	⬆	⬆	⬆	⬆
350	⬆	⬆	⬆	⬆	⬆
360	⬆	⬆	⬆	⬆	⬆
370	⬆	⬆	⬆	⬆	⬆
380	⬆	⬆	⬆	⬆	⬆
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440	⬆	⬆	⬆	⬆	⬆
450	⬆	⬆	⬆	⬆	⬆
460	⬆	⬆	⬆	⬆	⬆
470	⬆	⬆	⬆	⬆	⬆
480	⬆	⬆	⬆	⬆	⬆
490	⬆	⬆	⬆	⬆	⬆
500	⬆	⬆	⬆	⬆	⬆
510	⬆	⬆	⬆	⬆	⬆
520	⬆	⬆	⬆	⬆	⬆
530	⬆	⬆	⬆	⬆	⬆
540	⬆	⬆	⬆	⬆	⬆
550	⬆	⬆	⬆	⬆	⬆
560	⬆	⬆	⬆	⬆	⬆
570	⬆	⬆	⬆	⬆	⬆
580	⬆	⬆	⬆	⬆	⬆
590	⬆	⬆	⬆	⬆	⬆
600	⬆	⬆	⬆	⬆	⬆
610	⬆	⬆	⬆	⬆	⬆
620	⬆	⬆	⬆	⬆	⬆
630	⬆	⬆	⬆	⬆	⬆
640	⬆	⬆	⬆	⬆	⬆
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670	⬆	⬆	⬆	⬆	⬆
680	⬆	⬆	⬆	⬆	⬆
690	⬆	⬆	⬆	⬆	⬆
700	⬆	⬆	⬆	⬆	⬆
710	⬆	⬆	⬆	⬆	⬆
720	⬆	⬆	⬆	⬆	⬆
730	⬆	⬆	⬆	⬆	⬆
740	⬆	⬆	⬆	⬆	⬆
750	⬆	⬆	⬆	⬆	⬆
760	⬆	⬆	⬆	⬆	⬆
770	⬆	⬆	⬆	⬆	⬆
780	⬆	⬆	⬆	⬆	⬆
790	⬆	⬆	⬆	⬆	⬆
800	⬆	⬆	⬆	⬆	⬆
810	⬆	⬆	⬆	⬆	⬆
820	⬆	⬆	⬆	⬆	⬆
830	⬆	⬆	⬆	⬆	⬆
840	⬆	⬆	⬆	⬆	⬆
850	⬆	⬆	⬆	⬆	⬆
860	⬆	⬆	⬆	⬆	⬆
870	⬆	⬆	⬆	⬆	⬆
880	⬆	⬆	⬆	⬆	⬆
890	⬆	⬆	⬆	⬆	⬆
900	⬆	⬆	⬆	⬆	⬆
910	⬆	⬆	⬆	⬆	⬆
920	⬆	⬆	⬆	⬆	⬆
930	⬆	⬆	⬆	⬆	⬆
940	⬆	⬆	⬆	⬆	⬆
950	⬆	⬆	⬆	⬆	⬆
960	⬆	⬆	⬆	⬆	⬆
970	⬆	⬆	⬆	⬆	⬆
980	⬆	⬆	⬆	⬆	⬆
990	⬆	⬆	⬆	⬆	⬆
1000	⬆	⬆	⬆	⬆	⬆

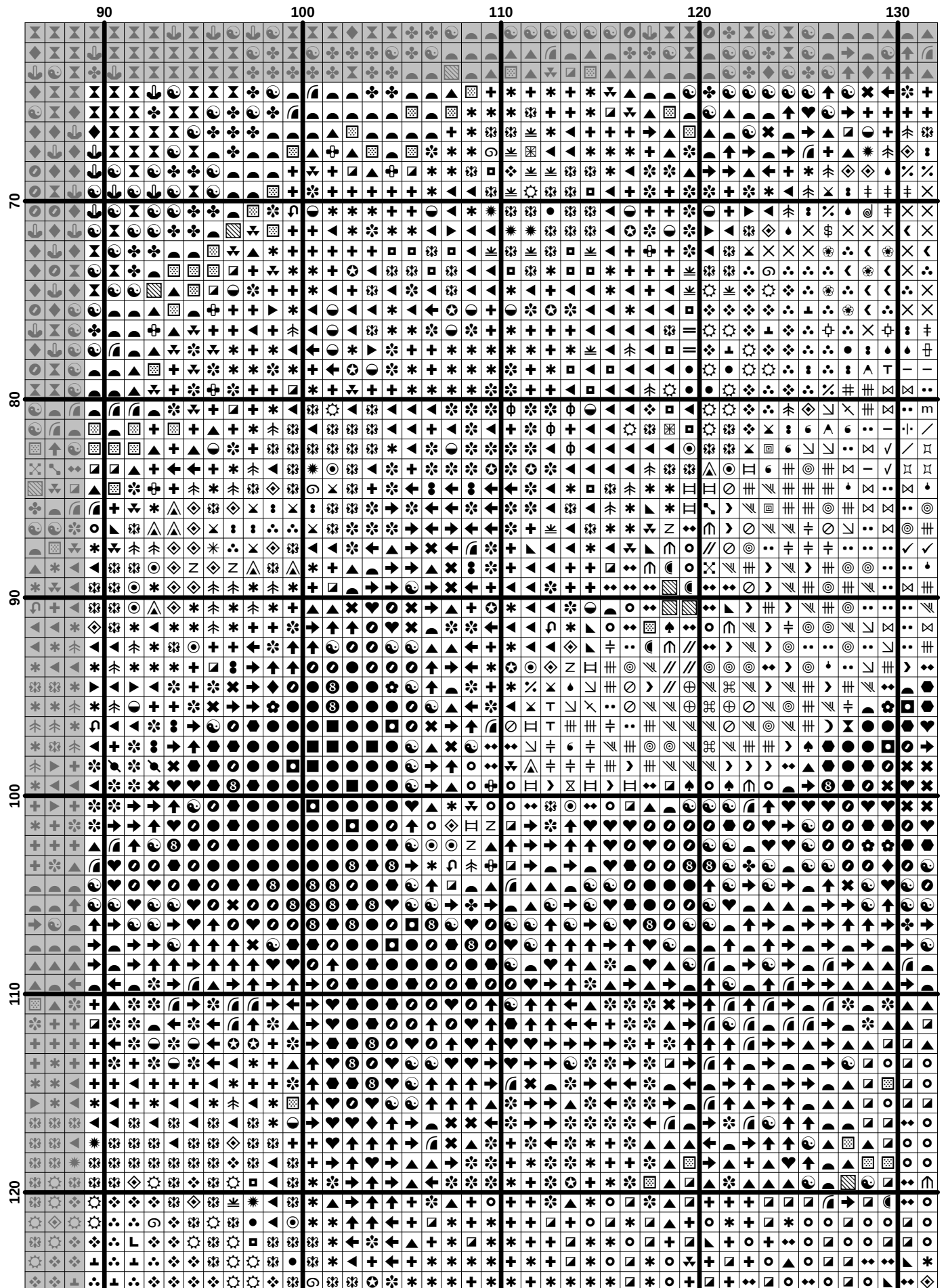
$$(12) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (13)$$

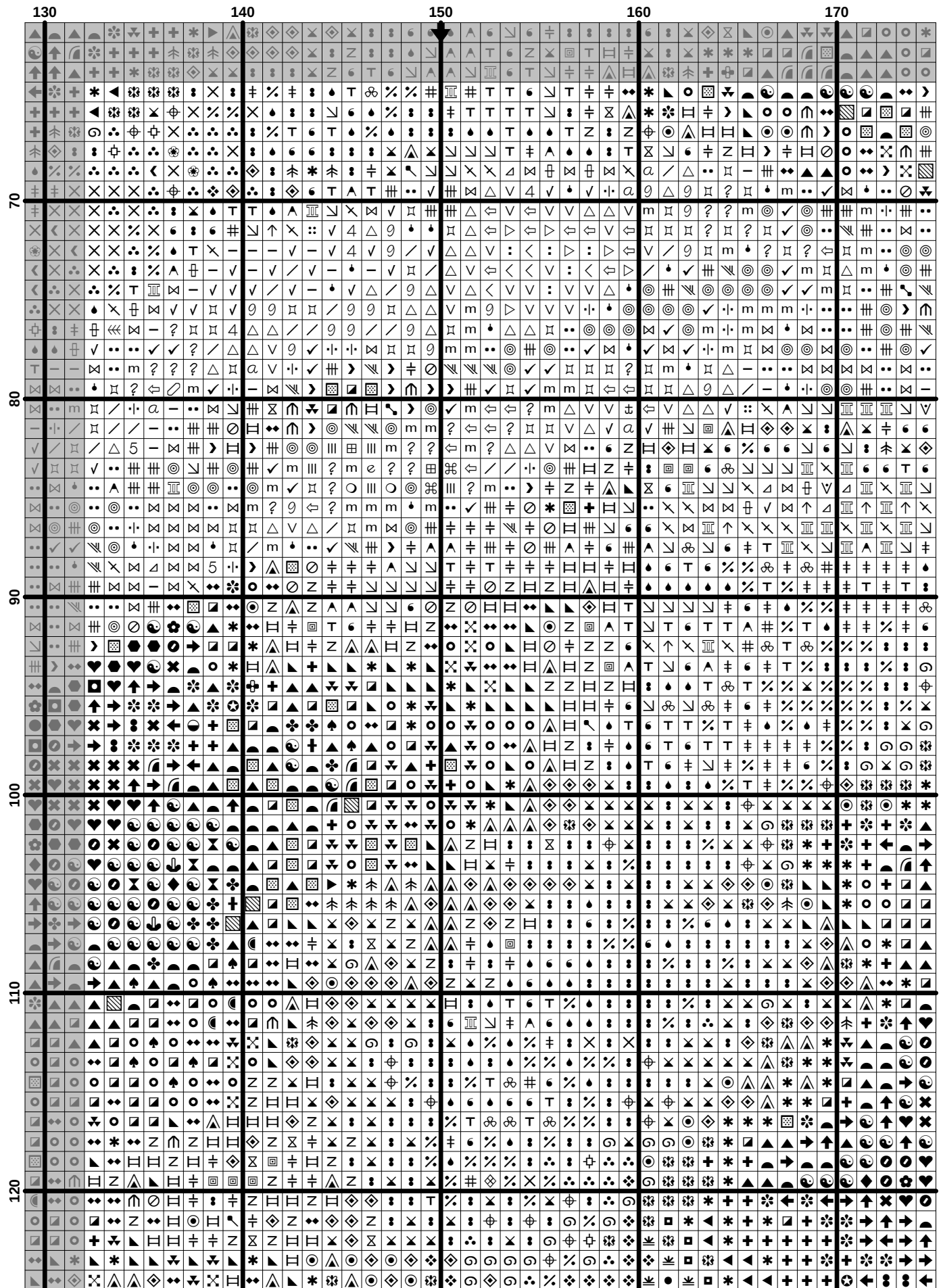






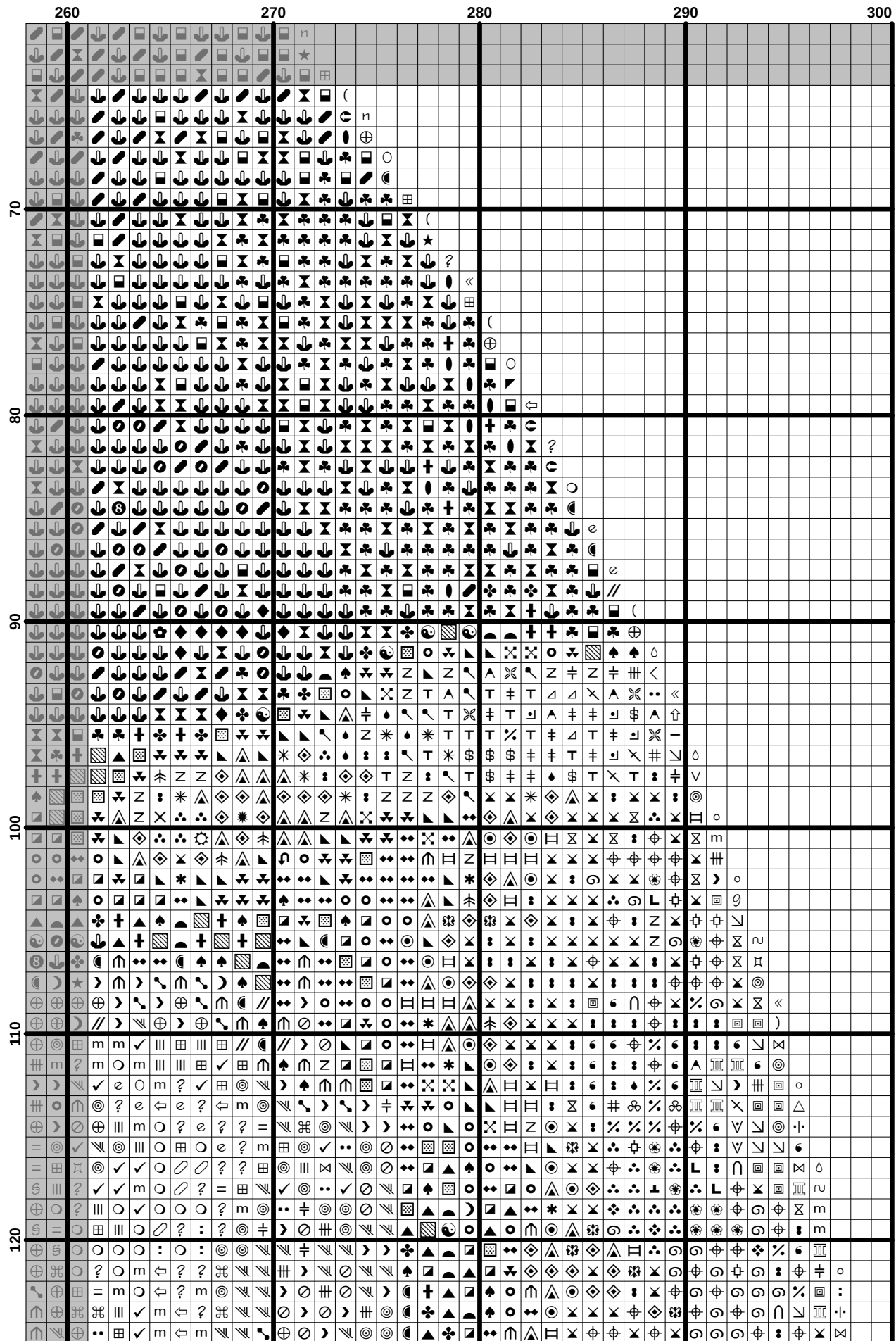


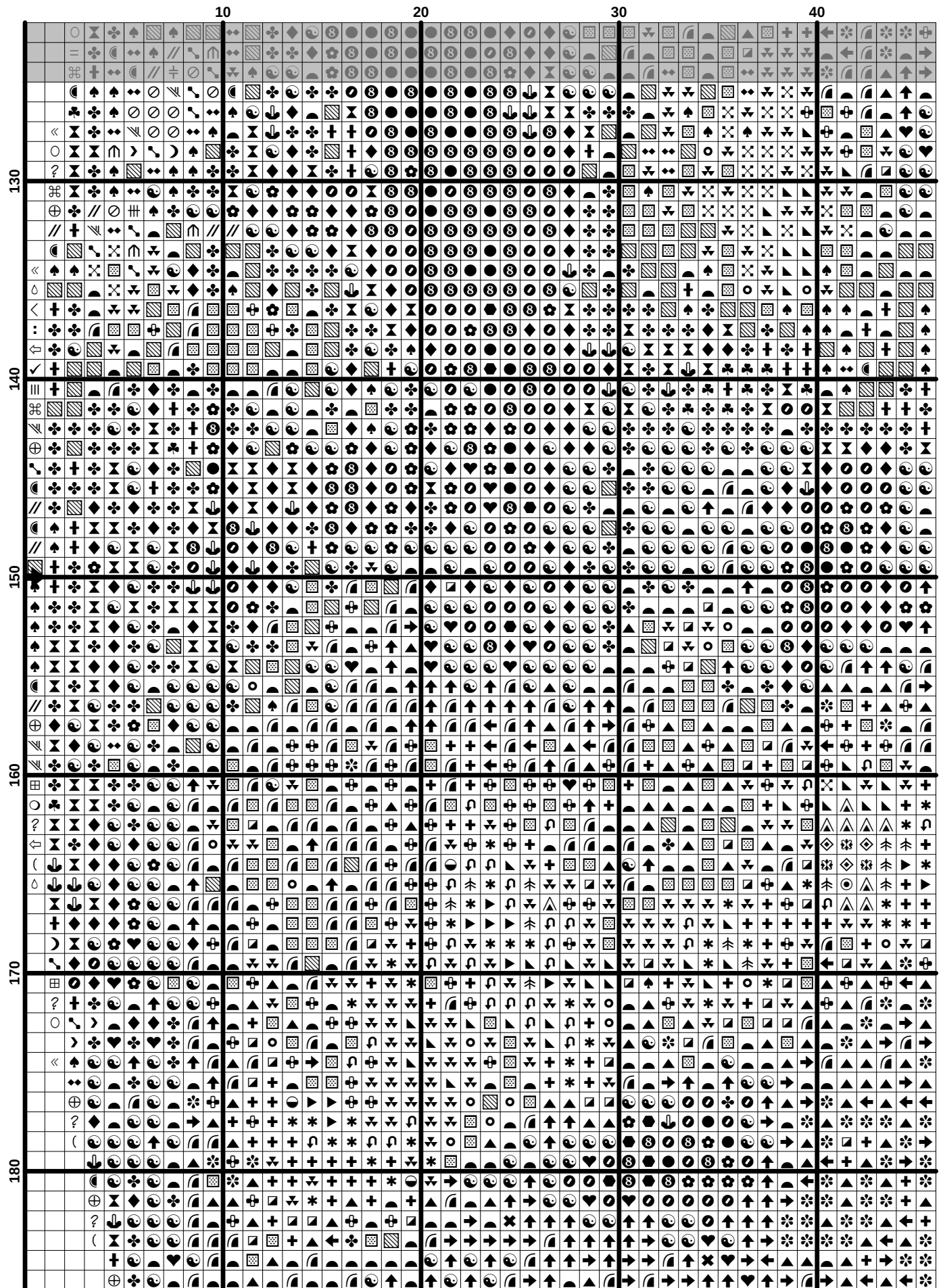


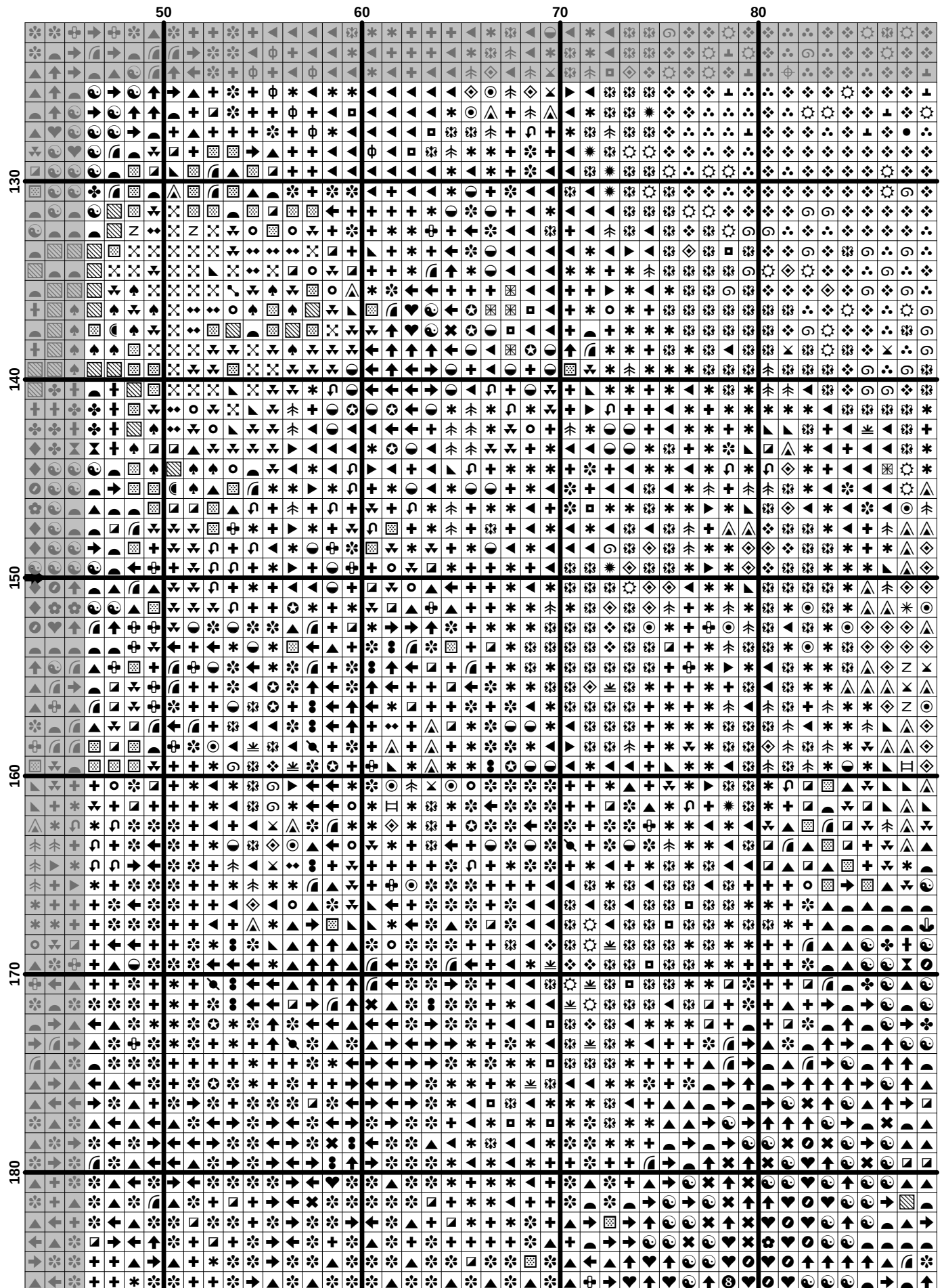


	180																		190																		200																		210																	
70	[Grid content for row 70]																																																																							
80	[Grid content for row 80]																																																																							
90	[Grid content for row 90]																																																																							
100	[Grid content for row 100]																																																																							
110	[Grid content for row 110]																																																																							
120	[Grid content for row 120]																																																																							

	220	230	240	250	260
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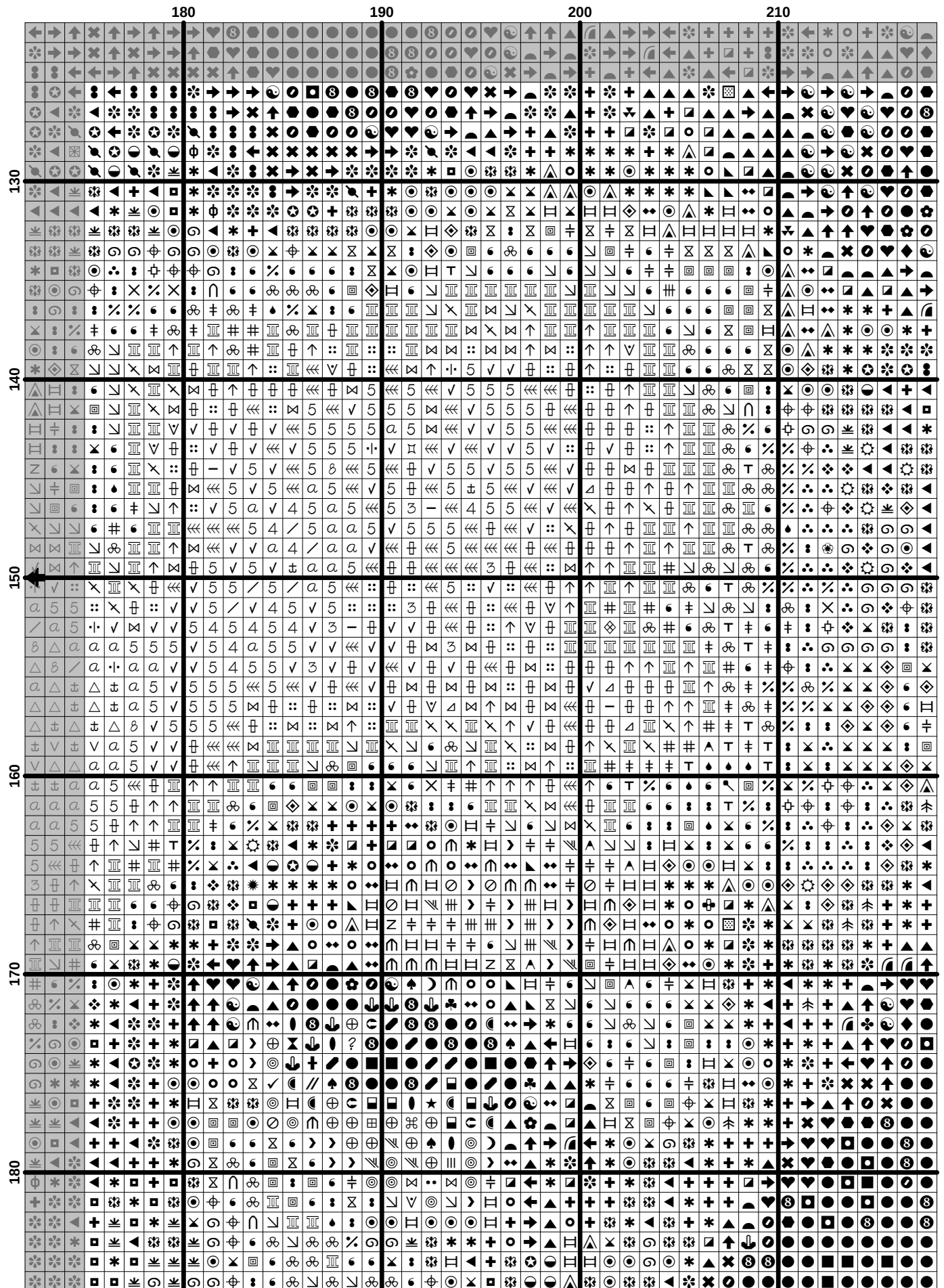


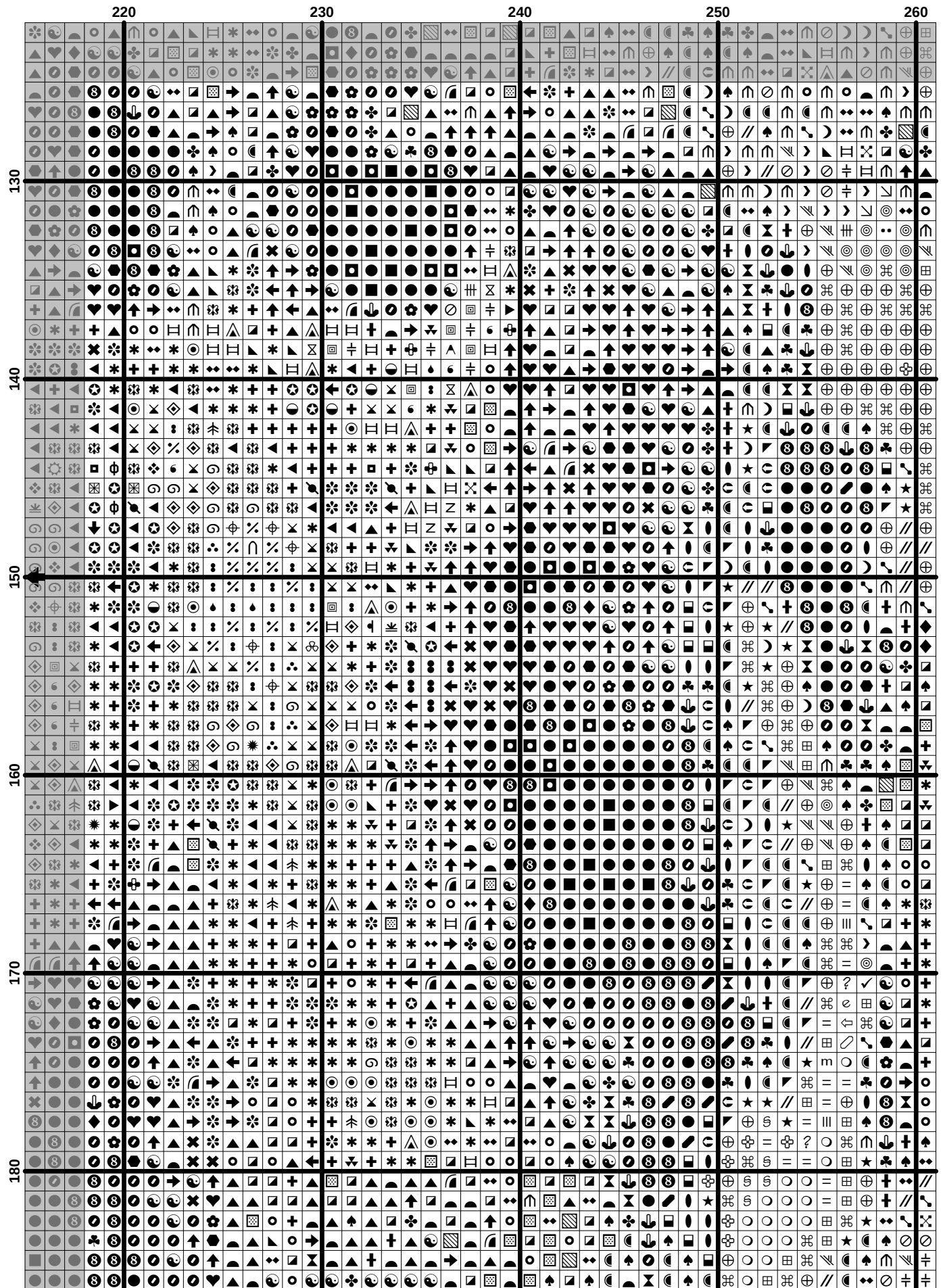




	90	100	110	120	130
130					
140					
150					
160					
170					
180					

	130	140	150	160	170
130					
140					
150					
160					
170					
180					





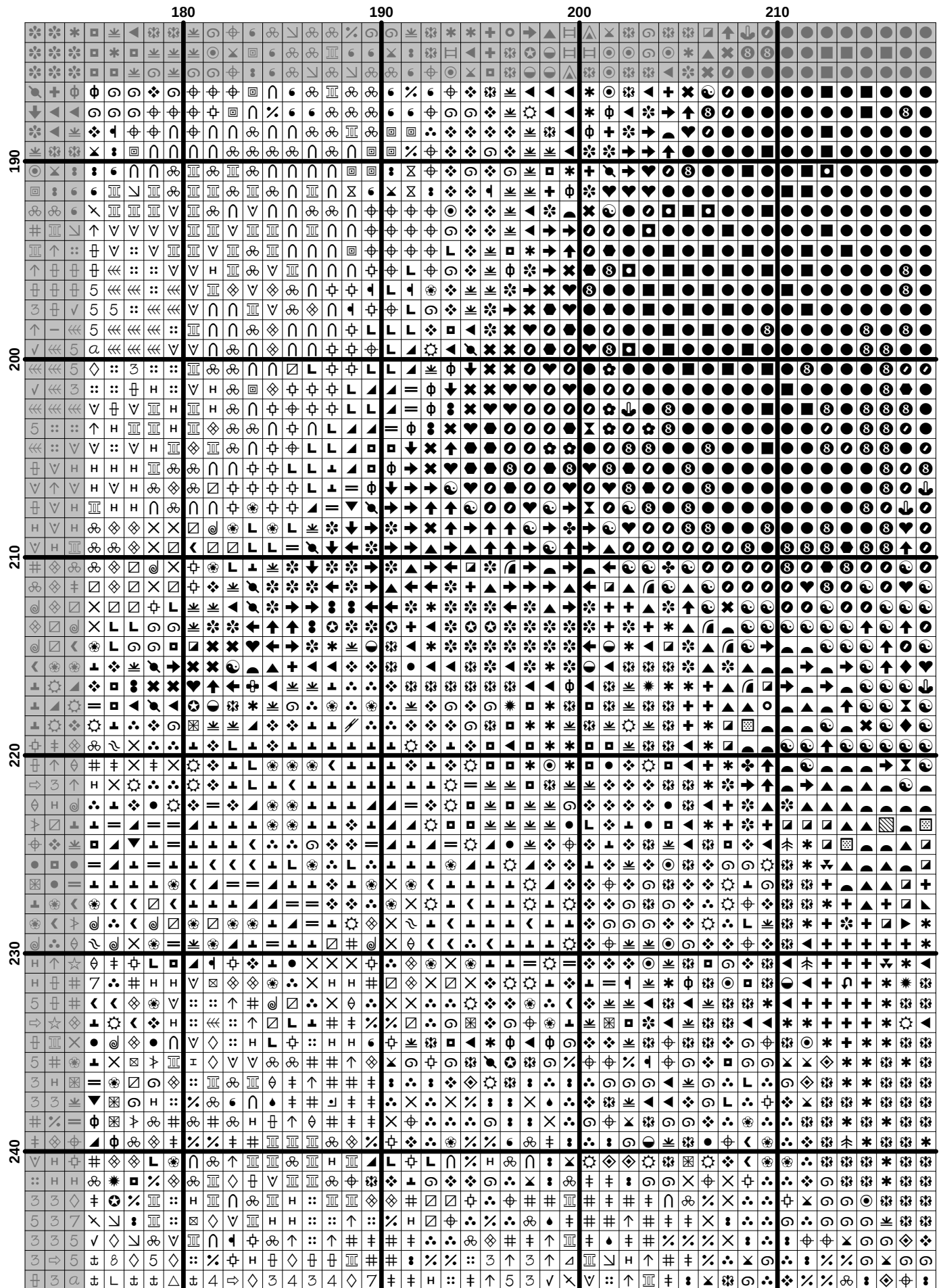
(28)

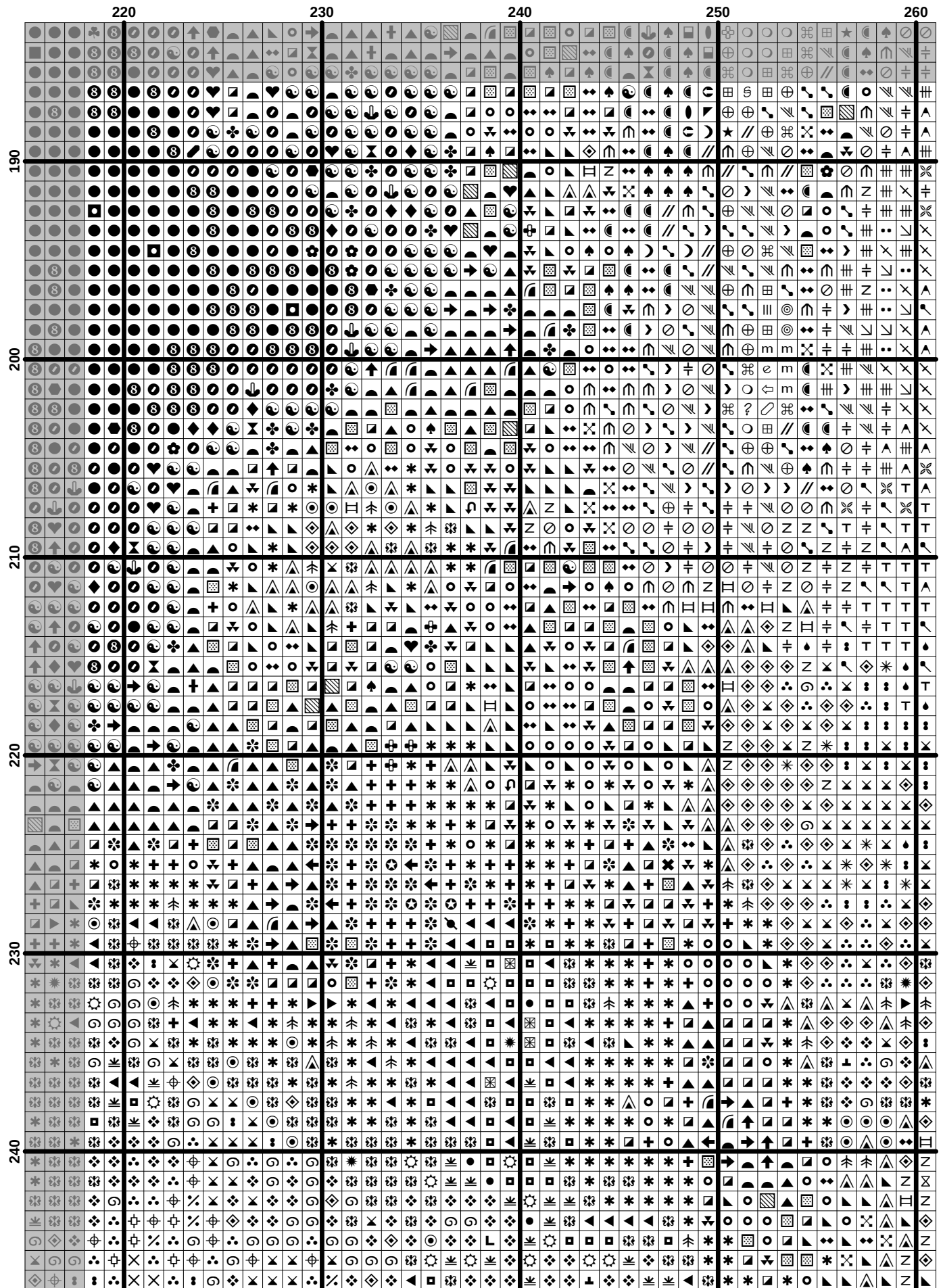
$$(29) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left(\sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

[illegible]

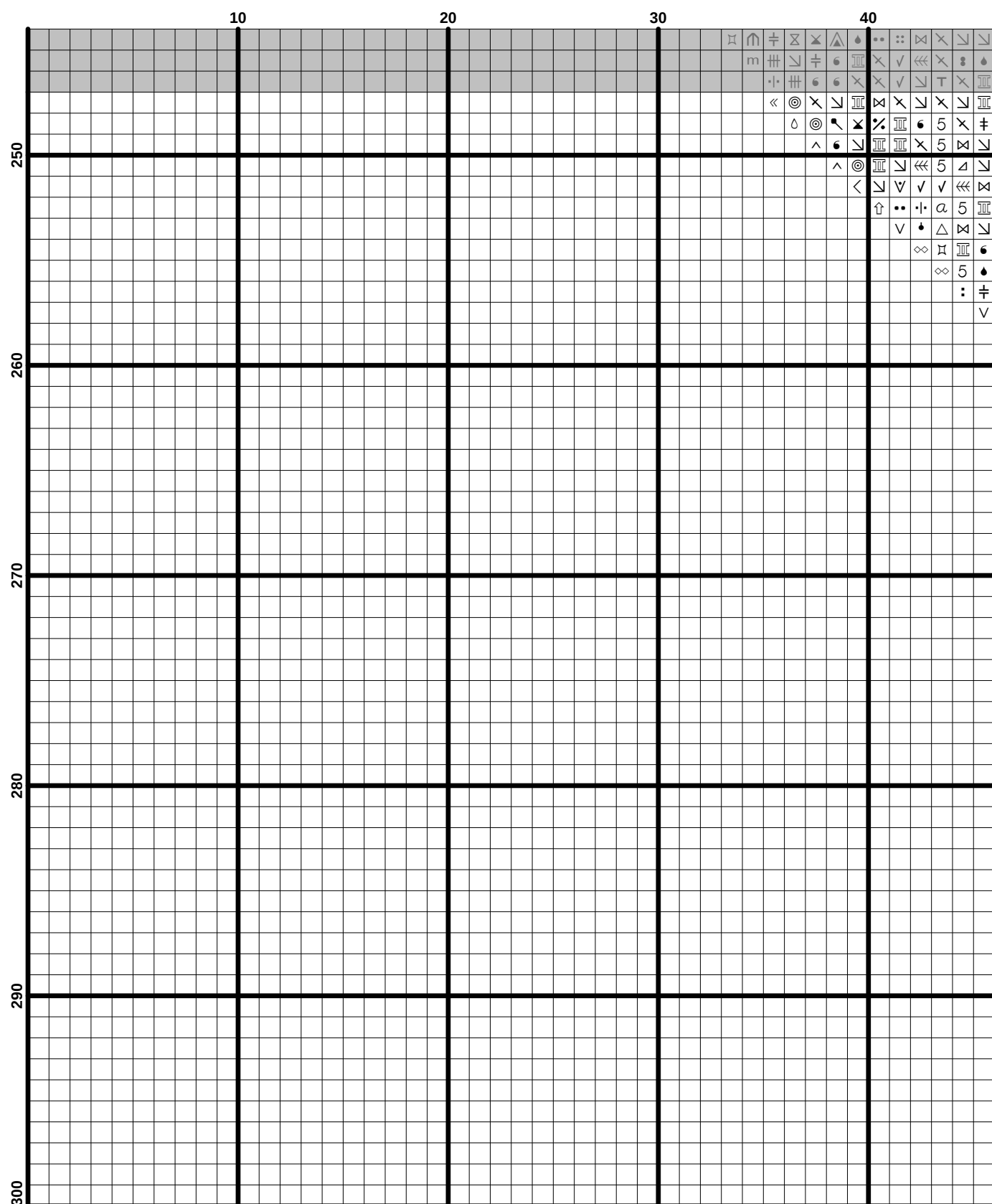
$$(31) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (32)$$

	130	140	150	160	170
190	...	...	...	...	...
200	...	...	...	...	...
210	...	...	...	...	...
220	...	...	...	...	...
230	...	...	...	...	...
240	...	...	...	...	...





(35)



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

The figure is a detailed grid map of a 300x250 area, divided into four quadrants by a vertical line at x=150 and a horizontal line at y=125. The quadrants are labeled 260, 270, 280, and 290. The map shows a complex network of roads, buildings, and other features. The top-left quadrant (260) contains a large building complex and a road network. The top-right quadrant (270) contains a large open area with a few scattered buildings. The bottom-left quadrant (280) contains a large open area with a few scattered buildings. The bottom-right quadrant (290) contains a large open area with a few scattered buildings. The map is overlaid with a grid of 10x10 units.