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1369 A Basket of Roses on a Ledge



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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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A Basket of Roses on a Ledge

Stitch Count	
Horizontal:	398
Vertical:	323

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:	72	28.28	59	22.98	63	24.75	52	20.1	56	22	46	17.875
Including Margins:	88	35	75	29	79	31	68	27	72	29	62	24
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	100	39.59	82	32.17	84	32.99	68	26.81	42	16.49	34	13.4
Including Margins:	116	46	98	39	100	39	84	33	58	23	50	20
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	40	15.83	33	12.86	38	15.22	31	12.37	37	14.66	30	11.91
Including Margins:	56	22	49	19	54	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	14.14	29	11.49	33	13.19	27	10.72	31	12.37	25	10.05
Including Margins:	52	21	45	18	49	20	43	17	47	19	41	17

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
◆	221	Shell Pink-VY DK
⬢	223	Shell Pink-LT
√	224	Shell Pink-VY LT
●	301	Mahogany-MD
☞	316	Antique Mauve-MD
+	347	Salmon-VY DK
//	350	Coral-MD
☛	355	Terra Cotta-DK
☞	356	Terra Cotta-MD
✦	370	Mustard-MD
☐	371	Mustard
●	402	Mahogany-VY LT
≡	407	Desert Sand-DK
♦	420	Hazelnut Brown-DK
☾	434	Brown-LT
☐	435	Brown-VY LT
□	445	Lemon-LT
☞	603	Cranberry
	604	Cranberry-LT
⊕	605	Cranberry-VY LT
♠	610	Drab Brown-DK
♠	611	Drab Brown
⌘	612	Drab Brown-LT
➤	721	Orange Spice-MD
2	722	Orange Spice-LT
)	726	Topaz-LT
::	734	Olive Green-LT
5	738	Tan-VY LT
<	739	Tan-UL VY LT
α	742	Tangerine-LT
♡	743	Yellow-MD
⊥	744	Yellow-Pale
^	745	Yellow-LT Pale
1	746	Off White
=	754	Peach-LT
7	758	Terra Cotta-VY LT
☛	801	Coffee Brown-DK
«	819	Baby Pink-LT
>	822	Beige Gray-LT
Φ	830	Golden Olive-DK
▲	831	Golden Olive-MD
§	833	Golden Olive-LT
≡	834	Golden Olive-VY LT
●	838	Beige Brown-VY DK
➔	839	Beige Brown-DK
✦	840	Beige Brown-MD
9	842	Beige Brown-VY LT
☐	892	Carnation-MD
☐	893	Carnation-LT
· ·	894	Carnation-VY LT

⊕	922	Copper-LT
■	938	Coffee Brown-UL DK
↑	948	Peach-VY LT
6	950	Desert Sand-LT
♠	961	Dusty Rose-DK
✓	962	Dusty Rose-MD
(963	Dusty Rose-UL VY LT
L	973	Canary-BRT
♣	975	Golden Brown-DK
⋮	976	Golden Brown-MD
✓	977	Golden Brown-LT
☛	3021	Brown Gray-VY DK
⊙	3045	Yellow Beige-DK
↔	3046	Yellow Beige-MD
T	3064	Desert Sand
∞	3078	Golden Yellow-VY LT
/	3326	Rose-LT
◇	3341	Apricot
⌘	3354	Dusty Rose-LT
☐	3608	Plum-VY LT
●	3685	Mauve-DK
☛	3687	Mauve
☐	3689	Mauve-LT
∇	3706	Melon-MD
4	3708	Melon-LT
	3713	Salmon-VY LT
✦	3721	Shell Pink-DK
☛	3722	Shell Pink-MD
☛	3731	Dusty Rose-VY DK
♠	3756	Baby Blue-UL VY LT
★	3772	Desert Sand-VY DK
∩	3778	Terra Cotta-LT
☛	3802	Antique Mauve-VY DK
β	3821	Straw
▷	3822	Straw-LT
~	3823	Yellow-UL Pale
☾	3826	Golden Brown
♠	3828	Hazelnut Brown
✕	3829	Old Gold-VY DK
▶	3831	Raspberry-DK
◇	3832	Raspberry-MD
▲	3833	Raspberry-LT
⌘	3852	Straw-VY DK
☐	3853	Autumn Gold-DK
☐	3854	Autumn Gold-MD
+	3856	Mahogany-UL VY LT
☛	3858	Rosewood-MD
×	3861	Cocoa-LT
*	3862	Mocha Beige-DK
☐	3864	Mocha Beige-LT
u	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	3862	Mocha Beige-DK
	934	Black Avocado Green	938	Coffee Brown-UL DK
	938	Coffee Brown-UL DK	3021	Brown Gray-VY DK
	434	Brown-LT	975	Golden Brown-DK
	831	Golden Olive-MD	3829	Old Gold-VY DK
	801	Coffee Brown-DK	839	Beige Brown-DK
	839	Beige Brown-DK	3021	Brown Gray-VY DK
	420	Hazelnut Brown-DK	435	Brown-VY LT
	347	Salmon-VY DK	350	Coral-MD
	420	Hazelnut Brown-DK	975	Golden Brown-DK
	356	Terra Cotta-MD	977	Golden Brown-LT
	743	Yellow-MD	3853	Autumn Gold-DK
	838	Beige Brown-VY DK	839	Beige Brown-DK
	839	Beige Brown-DK	975	Golden Brown-DK
	420	Hazelnut Brown-DK	3045	Yellow Beige-DK
	420	Hazelnut Brown-DK	434	Brown-LT
	420	Hazelnut Brown-DK	830	Golden Olive-DK
	830	Golden Olive-DK	839	Beige Brown-DK
	434	Brown-LT	830	Golden Olive-DK
	734	Olive Green-LT	3828	Hazelnut Brown
	3045	Yellow Beige-DK	3046	Yellow Beige-MD
	734	Olive Green-LT	977	Golden Brown-LT
	370	Mustard-MD	3046	Yellow Beige-MD
	738	Tan-VY LT	3078	Golden Yellow-VY LT
	834	Golden Olive-VY LT	3828	Hazelnut Brown
	801	Coffee Brown-DK	830	Golden Olive-DK
	830	Golden Olive-DK	3021	Brown Gray-VY DK
	839	Beige Brown-DK	3858	Rosewood-MD
	830	Golden Olive-DK	838	Beige Brown-VY DK
	347	Salmon-VY DK	900	Burnt Orange-DK
	3721	Shell Pink-DK	3831	Raspberry-DK
	301	Mahogany-MD	347	Salmon-VY DK
	721	Orange Spice-MD	722	Orange Spice-LT
	350	Coral-MD	922	Copper-LT
	3858	Rosewood-MD	3862	Mocha Beige-DK
	975	Golden Brown-DK	3862	Mocha Beige-DK
	420	Hazelnut Brown-DK	3721	Shell Pink-DK
	975	Golden Brown-DK	3721	Shell Pink-DK
	3721	Shell Pink-DK	3861	Cocoa-LT
	834	Golden Olive-VY LT	3854	Autumn Gold-MD
	734	Olive Green-LT	744	Yellow-Pale
	347	Salmon-VY DK	355	Terra Cotta-DK
	900	Burnt Orange-DK	922	Copper-LT
	221	Shell Pink-VY DK	3831	Raspberry-DK
	3685	Mauve-DK	3858	Rosewood-MD
	834	Golden Olive-VY LT	745	Yellow-LT Pale
	741	Tangerine-MD	742	Tangerine-LT
	741	Tangerine-MD	743	Yellow-MD
	741	Tangerine-MD	3852	Straw-VY DK
	973	Canary-BRT	742	Tangerine-LT
	356	Terra Cotta-MD	900	Burnt Orange-DK
	900	Burnt Orange-DK	3853	Autumn Gold-DK
	356	Terra Cotta-MD	976	Golden Brown-MD

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↘	741	Tangerine-MD	3853	Autumn Gold-DK
♣	900	Burnt Orange-DK	976	Golden Brown-MD
..	722	Orange Spice-LT	741	Tangerine-MD
e	722	Orange Spice-LT	743	Yellow-MD
⊙	420	Hazelnut Brown-DK	356	Terra Cotta-MD
=	356	Terra Cotta-MD	975	Golden Brown-DK
▼	420	Hazelnut Brown-DK	3772	Desert Sand-VY DK
⌘	420	Hazelnut Brown-DK	833	Golden Olive-LT
◦	3721	Shell Pink-DK	3722	Shell Pink-MD
⚙	3731	Dusty Rose-VY DK	3831	Raspberry-DK
♣	221	Shell Pink-VY DK	3721	Shell Pink-DK
♣	3721	Shell Pink-DK	3858	Rosewood-MD
◀	356	Terra Cotta-MD	3828	Hazelnut Brown
♣	833	Golden Olive-LT	976	Golden Brown-MD
♣	356	Terra Cotta-MD	3831	Raspberry-DK
n	746	Off White	948	Peach-VY LT
.	948	Peach-VY LT	754	Peach-LT
↘	721	Orange Spice-MD	741	Tangerine-MD
—	962	Dusty Rose-MD	3341	Apricot
⇒	3708	Melon-LT	3713	Salmon-VY LT
↑	3341	Apricot	3778	Terra Cotta-LT
↘	3706	Melon-MD	3833	Raspberry-LT
♣	892	Carnation-MD	3832	Raspberry-MD
⊞	452	Shell Gray-MD	3689	Mauve-LT
○	3708	Melon-LT	963	Dusty Rose-UL VY LT
✱	3721	Shell Pink-DK	3687	Mauve
▲	301	Mahogany-MD	356	Terra Cotta-MD
♣	371	Mustard	611	Drab Brown
✂	976	Golden Brown-MD	977	Golden Brown-LT
✂	3833	Raspberry-LT	3341	Apricot
◦	819	Baby Pink-LT	3713	Salmon-VY LT
†	3326	Rose-LT	3833	Raspberry-LT
3	604	Cranberry-LT	3708	Melon-LT
¼	316	Antique Mauve-MD	961	Dusty Rose-DK
III	834	Golden Olive-VY LT	976	Golden Brown-MD
田	722	Orange Spice-LT	3778	Terra Cotta-LT
♣	839	Beige Brown-DK	3685	Mauve-DK
z	301	Mahogany-MD	834	Golden Olive-VY LT
Ⓢ	938	Coffee Brown-UL DK	839	Beige Brown-DK

This table specifies how much thread of each color is required to stitch this pattern. It is good to know that one complete DMC skein contains 313 inches (795 cm) thread.

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		14		16		18	
221	Shell Pink-VY DK	146	57	139	54	125	49
223	Shell Pink-LT	29	11	27	10	24	9
224	Shell Pink-VY LT	32	12	30	11	27	10
301	Mahogany-MD	407	160	388	152	349	137
316	Antique Mauve-MD	33	12	32	12	28	11
347	Salmon-VY DK	186	73	177	69	159	62
350	Coral-MD	80	31	77	30	69	27
355	Terra Cotta-DK	86	33	81	31	73	28
356	Terra Cotta-MD	2241	882	2135	840	1921	756
370	Mustard-MD	50	19	48	18	43	16
371	Mustard	63	24	60	23	54	21
402	Mahogany-VY LT	37	14	35	13	31	12
407	Desert Sand-DK	29	11	27	10	25	9
420	Hazelnut Brown-DK	2458	967	2341	921	2107	829
434	Brown-LT	266	104	254	100	228	89
435	Brown-VY LT	865	340	824	324	742	292
445	Lemon-LT	15	5	14	5	13	5
452	Shell Gray-MD	10	3	9	3	8	3
603	Cranberry	34	13	32	12	29	11
604	Cranberry-LT	51	20	48	18	43	16
605	Cranberry-VY LT	42	16	40	15	36	14
610	Drab Brown-DK	117	46	112	44	101	39
611	Drab Brown	102	40	97	38	87	34
612	Drab Brown-LT	30	11	29	11	26	10
721	Orange Spice-MD	36	14	34	13	31	12
722	Orange Spice-LT	118	46	112	44	101	39
726	Topaz-LT	28	11	27	10	24	9
734	Olive Green-LT	76	29	72	28	65	25
738	Tan-VY LT	67	26	64	25	58	22
739	Tan-UL VY LT	28	11	26	10	24	9
741	Tangerine-MD	134	52	128	50	115	45
742	Tangerine-LT	56	22	53	20	48	18
743	Yellow-MD	166	65	158	62	142	55
744	Yellow-Pale	116	45	111	43	100	39
745	Yellow-LT Pale	61	24	58	22	52	20
746	Off White	204	80	194	76	175	68
754	Peach-LT	92	36	88	34	79	31
758	Terra Cotta-VY LT	29	11	27	10	25	9
801	Coffee Brown-DK	2762	1087	2631	1035	2368	932
819	Baby Pink-LT	463	182	441	173	397	156
822	Beige Gray-LT	21	8	20	7	18	7
830	Golden Olive-DK	461	181	439	172	395	155
831	Golden Olive-MD	36	14	35	13	31	12
833	Golden Olive-LT	69	27	65	25	59	23
834	Golden Olive-VY LT	244	96	232	91	209	82
838	Beige Brown-VY DK	2098	825	1998	786	1798	707
839	Beige Brown-DK	6590	2594	6276	2470	5649	2224
840	Beige Brown-MD	25	9	24	9	21	8
842	Beige Brown-VY LT	16	6	15	5	14	5
892	Carnation-MD	36	14	35	13	31	12
893	Carnation-LT	23	9	22	8	20	7
894	Carnation-VY LT	82	32	79	31	71	27
900	Burnt Orange-DK	87	34	83	32	75	29

922	Copper-LT	79	31	75	29	68	26
934	Black Avocado Green	178	70	170	66	153	60
938	Coffee Brown-UL DK	1458	574	1388	546	1249	491
948	Peach-VY LT	162	63	154	60	139	54
950	Desert Sand-LT	28	11	27	10	24	9
961	Dusty Rose-DK	103	40	98	38	88	34
962	Dusty Rose-MD	75	29	71	27	64	25
963	Dusty Rose-UL VY LT	248	97	237	93	213	83
973	Canary-BRT	16	6	15	5	14	5
975	Golden Brown-DK	2228	877	2122	835	1910	751
976	Golden Brown-MD	591	232	563	221	507	199
977	Golden Brown-LT	513	201	489	192	440	173
3021	Brown Gray-VY DK	779	306	742	292	668	262
3045	Yellow Beige-DK	124	48	118	46	106	41
3046	Yellow Beige-MD	123	48	117	46	105	41
3064	Desert Sand	26	10	25	9	22	8
3078	Golden Yellow-VY LT	75	29	71	27	64	25
3326	Rose-LT	99	38	94	37	85	33
3341	Apricot	77	30	73	28	66	25
3354	Dusty Rose-LT	30	11	29	11	26	10
3608	Plum-VY LT	8	3	8	3	7	2
3685	Mauve-DK	797	313	759	298	683	268
3687	Mauve	39	15	37	14	34	13
3689	Mauve-LT	40	15	38	14	34	13
3706	Melon-MD	36	14	34	13	30	11
3708	Melon-LT	260	102	247	97	222	87
3713	Salmon-VY LT	252	99	240	94	216	85
3721	Shell Pink-DK	1344	529	1280	503	1152	453
3722	Shell Pink-MD	48	18	46	18	41	16
3731	Dusty Rose-VY DK	82	32	78	30	70	27
3756	Baby Blue-UL VY LT	3	1	3	1	3	1
3772	Desert Sand-VY DK	197	77	187	73	168	66
3778	Terra Cotta-LT	81	31	77	30	69	27
3802	Antique Mauve-VY DK	43	16	41	16	37	14
3821	Straw	37	14	35	13	32	12
3822	Straw-LT	29	11	27	10	24	9
3823	Yellow-UL Pale	91	35	87	34	78	30
3826	Golden Brown	122	48	116	45	104	40
3828	Hazelnut Brown	348	137	332	130	298	117
3829	Old Gold-VY DK	36	14	35	13	31	12
3831	Raspberry-DK	359	141	342	134	308	121
3832	Raspberry-MD	120	47	115	45	103	40
3833	Raspberry-LT	130	51	124	48	111	43
3852	Straw-VY DK	33	12	31	12	28	11
3853	Autumn Gold-DK	113	44	107	42	97	38
3854	Autumn Gold-MD	64	25	61	24	55	21
3856	Mahogany-UL VY LT	44	17	41	16	37	14
3858	Rosewood-MD	1464	576	1395	549	1255	494
3861	Cocoa-LT	22	8	21	8	19	7
3862	Mocha Beige-DK	723	284	689	271	620	244
3864	Mocha Beige-LT	40	15	38	14	35	13
3865	Winter White	576	226	549	216	494	194

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	225	88	188	74	94	37
223	Shell Pink-LT	43	16	36	14	18	7
224	Shell Pink-VY LT	49	18	41	15	20	8
301	Mahogany-MD	628	247	524	206	262	103
316	Antique Mauve-MD	50	20	42	17	21	8
347	Salmon-VY DK	286	112	239	93	119	47
350	Coral-MD	124	49	104	41	52	20
355	Terra Cotta-DK	131	50	110	42	55	21
356	Terra Cotta-MD	3458	1361	2882	1134	1441	567
370	Mustard-MD	77	29	65	24	32	12
371	Mustard	97	38	81	32	41	16
402	Mahogany-VY LT	56	22	47	18	23	9
407	Desert Sand-DK	45	16	38	14	19	7
420	Hazelnut Brown-DK	3793	1492	3161	1244	1580	622
434	Brown-LT	410	160	342	134	171	67
435	Brown-VY LT	1336	526	1113	438	557	219
445	Lemon-LT	23	9	20	8	10	4
452	Shell Gray-MD	14	5	12	5	6	2
603	Cranberry	52	20	44	17	22	8
604	Cranberry-LT	77	29	65	24	32	12
605	Cranberry-VY LT	65	25	54	21	27	11
610	Drab Brown-DK	182	70	152	59	76	29
611	Drab Brown	157	61	131	51	65	26
612	Drab Brown-LT	47	18	39	15	20	8
721	Orange Spice-MD	56	22	47	18	23	9
722	Orange Spice-LT	182	70	152	59	76	29
726	Topaz-LT	43	16	36	14	18	7
734	Olive Green-LT	117	45	98	38	49	19
738	Tan-VY LT	104	40	87	33	44	17
739	Tan-UL VY LT	43	16	36	14	18	7
741	Tangerine-MD	207	81	173	68	86	34
742	Tangerine-LT	86	32	72	27	36	14
743	Yellow-MD	256	99	213	83	107	41
744	Yellow-Pale	180	70	150	59	75	29
745	Yellow-LT Pale	94	36	78	30	39	15
746	Off White	315	122	263	102	131	51
754	Peach-LT	142	56	119	47	59	23
758	Terra Cotta-VY LT	45	16	38	14	19	7
801	Coffee Brown-DK	4262	1678	3552	1398	1776	699
819	Baby Pink-LT	715	281	596	234	298	117
822	Beige Gray-LT	32	13	27	11	14	5
830	Golden Olive-DK	711	279	593	233	296	116
831	Golden Olive-MD	56	22	47	18	23	9
833	Golden Olive-LT	106	41	89	35	44	17
834	Golden Olive-VY LT	376	148	314	123	157	62
838	Beige Brown-VY DK	3236	1273	2697	1061	1349	530
839	Beige Brown-DK	10168	4003	8474	3336	4237	1668
840	Beige Brown-MD	38	14	32	12	16	6
842	Beige Brown-VY LT	25	9	21	8	11	4
892	Carnation-MD	56	22	47	18	23	9
893	Carnation-LT	36	13	30	11	15	5
894	Carnation-VY LT	128	49	107	41	53	20
900	Burnt Orange-DK	135	52	113	44	56	22

922	Copper-LT	122	47	102	39	51	20
934	Black Avocado Green	275	108	230	90	115	45
938	Coffee Brown-UL DK	2248	884	1874	737	937	368
948	Peach-VY LT	250	97	209	81	104	41
950	Desert Sand-LT	43	16	36	14	18	7
961	Dusty Rose-DK	158	61	132	51	66	26
962	Dusty Rose-MD	115	45	96	38	48	19
963	Dusty Rose-UL VY LT	383	149	320	125	160	62
973	Canary-BRT	25	9	21	8	11	4
975	Golden Brown-DK	3438	1352	2865	1127	1433	563
976	Golden Brown-MD	913	358	761	299	380	149
977	Golden Brown-LT	792	311	660	260	330	130
3021	Brown Gray-VY DK	1202	472	1002	393	501	197
3045	Yellow Beige-DK	191	74	159	62	80	31
3046	Yellow Beige-MD	189	74	158	62	79	31
3064	Desert Sand	40	14	33	12	17	6
3078	Golden Yellow-VY LT	115	45	96	38	48	19
3326	Rose-LT	153	59	128	50	64	25
3341	Apricot	119	45	99	38	50	19
3354	Dusty Rose-LT	47	18	39	15	20	8
3608	Plum-VY LT	13	4	11	3	5	2
3685	Mauve-DK	1229	482	1025	402	512	201
3687	Mauve	61	23	51	20	26	10
3689	Mauve-LT	61	23	51	20	26	10
3706	Melon-MD	54	20	45	17	23	8
3708	Melon-LT	400	157	333	131	167	65
3713	Salmon-VY LT	389	153	324	128	162	64
3721	Shell Pink-DK	2074	815	1728	680	864	340
3722	Shell Pink-MD	74	29	62	24	31	12
3731	Dusty Rose-VY DK	126	49	105	41	53	20
3756	Baby Blue-UL VY LT	5	2	5	2	2	1
3772	Desert Sand-VY DK	302	119	252	99	126	50
3778	Terra Cotta-LT	124	49	104	41	52	20
3802	Antique Mauve-VY DK	67	25	56	21	28	11
3821	Straw	58	22	48	18	24	9
3822	Straw-LT	43	16	36	14	18	7
3823	Yellow-UL Pale	140	54	117	45	59	23
3826	Golden Brown	187	72	156	60	78	30
3828	Hazelnut Brown	536	211	447	176	224	88
3829	Old Gold-VY DK	56	22	47	18	23	9
3831	Raspberry-DK	554	218	462	182	231	91
3832	Raspberry-MD	185	72	155	60	77	30
3833	Raspberry-LT	200	77	167	65	83	32
3852	Straw-VY DK	50	20	42	17	21	8
3853	Autumn Gold-DK	175	68	146	57	73	29
3854	Autumn Gold-MD	99	38	83	32	41	16
3856	Mahogany-UL VY LT	67	25	56	21	28	11
3858	Rosewood-MD	2259	889	1883	741	941	371
3861	Cocoa-LT	34	13	29	11	14	5
3862	Mocha Beige-DK	1116	439	930	366	465	183
3864	Mocha Beige-LT	63	23	53	20	26	10
3865	Winter White	889	349	741	291	371	146

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	90	35	87	34	83	33
223	Shell Pink-LT	17	6	17	6	16	6
224	Shell Pink-VY LT	19	7	19	7	18	7
301	Mahogany-MD	251	99	242	95	233	91
316	Antique Mauve-MD	20	8	19	8	19	7
347	Salmon-VY DK	114	45	110	43	106	41
350	Coral-MD	50	19	48	19	46	18
355	Terra Cotta-DK	53	20	51	19	49	19
356	Terra Cotta-MD	1383	544	1330	523	1281	504
370	Mustard-MD	31	12	30	11	29	11
371	Mustard	39	15	37	15	36	14
402	Mahogany-VY LT	22	9	21	8	21	8
407	Desert Sand-DK	18	6	17	6	17	6
420	Hazelnut Brown-DK	1517	597	1459	574	1405	553
434	Brown-LT	164	64	158	62	152	59
435	Brown-VY LT	534	210	514	202	495	195
445	Lemon-LT	9	4	9	3	9	3
452	Shell Gray-MD	6	2	6	2	5	2
603	Cranberry	21	8	20	8	19	7
604	Cranberry-LT	31	12	30	11	29	11
605	Cranberry-VY LT	26	10	25	10	24	9
610	Drab Brown-DK	73	28	70	27	67	26
611	Drab Brown	63	24	60	24	58	23
612	Drab Brown-LT	19	7	18	7	17	7
721	Orange Spice-MD	22	9	21	8	21	8
722	Orange Spice-LT	73	28	70	27	67	26
726	Topaz-LT	17	6	17	6	16	6
734	Olive Green-LT	47	18	45	17	43	17
738	Tan-VY LT	42	16	40	15	39	15
739	Tan-UL VY LT	17	6	17	6	16	6
741	Tangerine-MD	83	32	80	31	77	30
742	Tangerine-LT	35	13	33	12	32	12
743	Yellow-MD	102	40	98	38	95	37
744	Yellow-Pale	72	28	69	27	67	26
745	Yellow-LT Pale	37	14	36	14	35	13
746	Off White	126	49	121	47	117	45
754	Peach-LT	57	22	55	21	53	21
758	Terra Cotta-VY LT	18	6	17	6	17	6
801	Coffee Brown-DK	1705	671	1639	645	1579	621
819	Baby Pink-LT	286	112	275	108	265	104
822	Beige Gray-LT	13	5	12	5	12	5
830	Golden Olive-DK	284	112	273	107	263	103
831	Golden Olive-MD	22	9	21	8	21	8
833	Golden Olive-LT	42	17	41	16	39	15
834	Golden Olive-VY LT	150	59	145	57	139	55
838	Beige Brown-VY DK	1295	509	1245	489	1199	471
839	Beige Brown-DK	4067	1601	3911	1540	3766	1483
840	Beige Brown-MD	15	6	15	6	14	5
842	Beige Brown-VY LT	10	4	10	3	9	3
892	Carnation-MD	22	9	21	8	21	8
893	Carnation-LT	14	5	14	5	13	5
894	Carnation-VY LT	51	19	49	19	47	18
900	Burnt Orange-DK	54	21	52	20	50	19

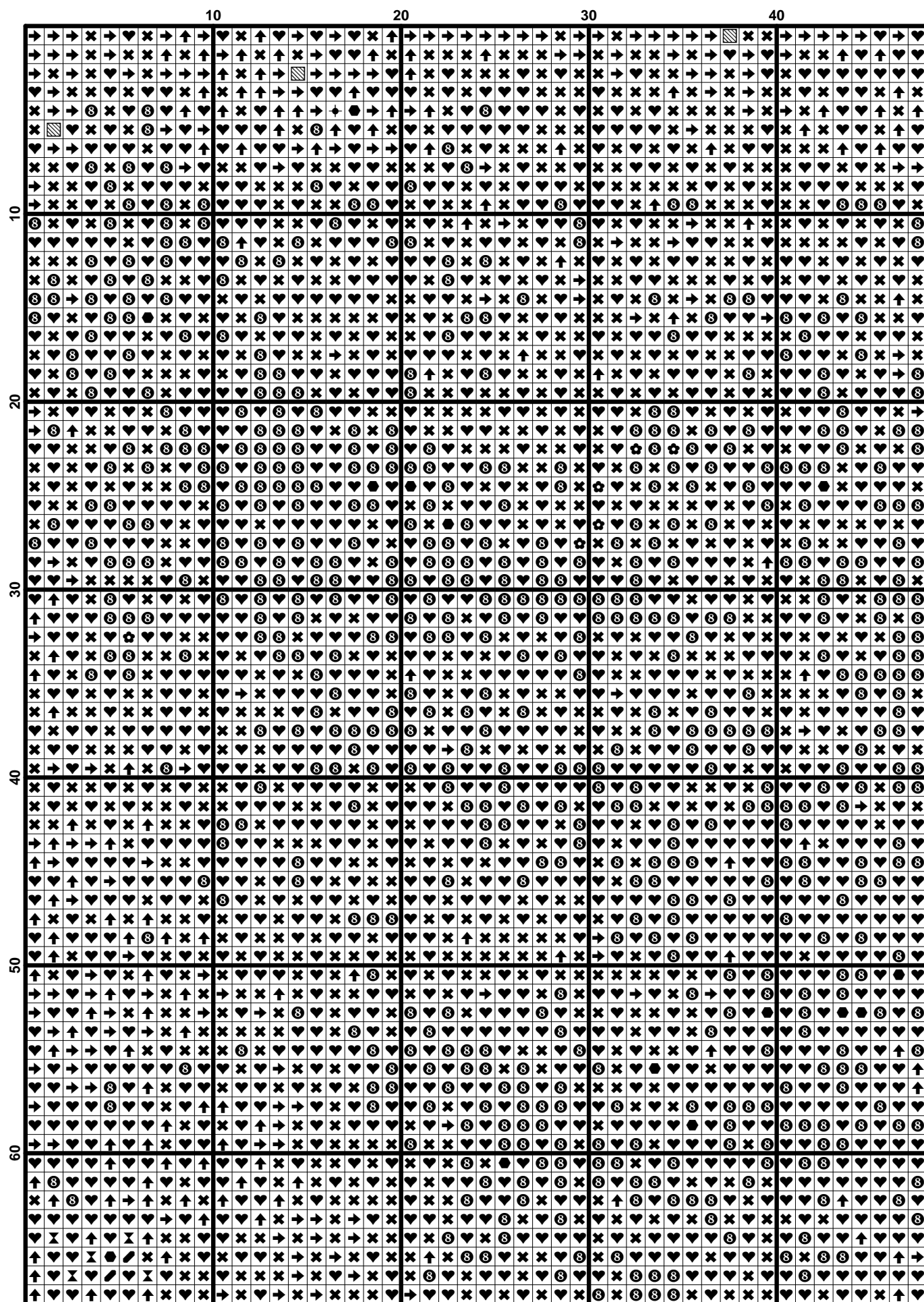
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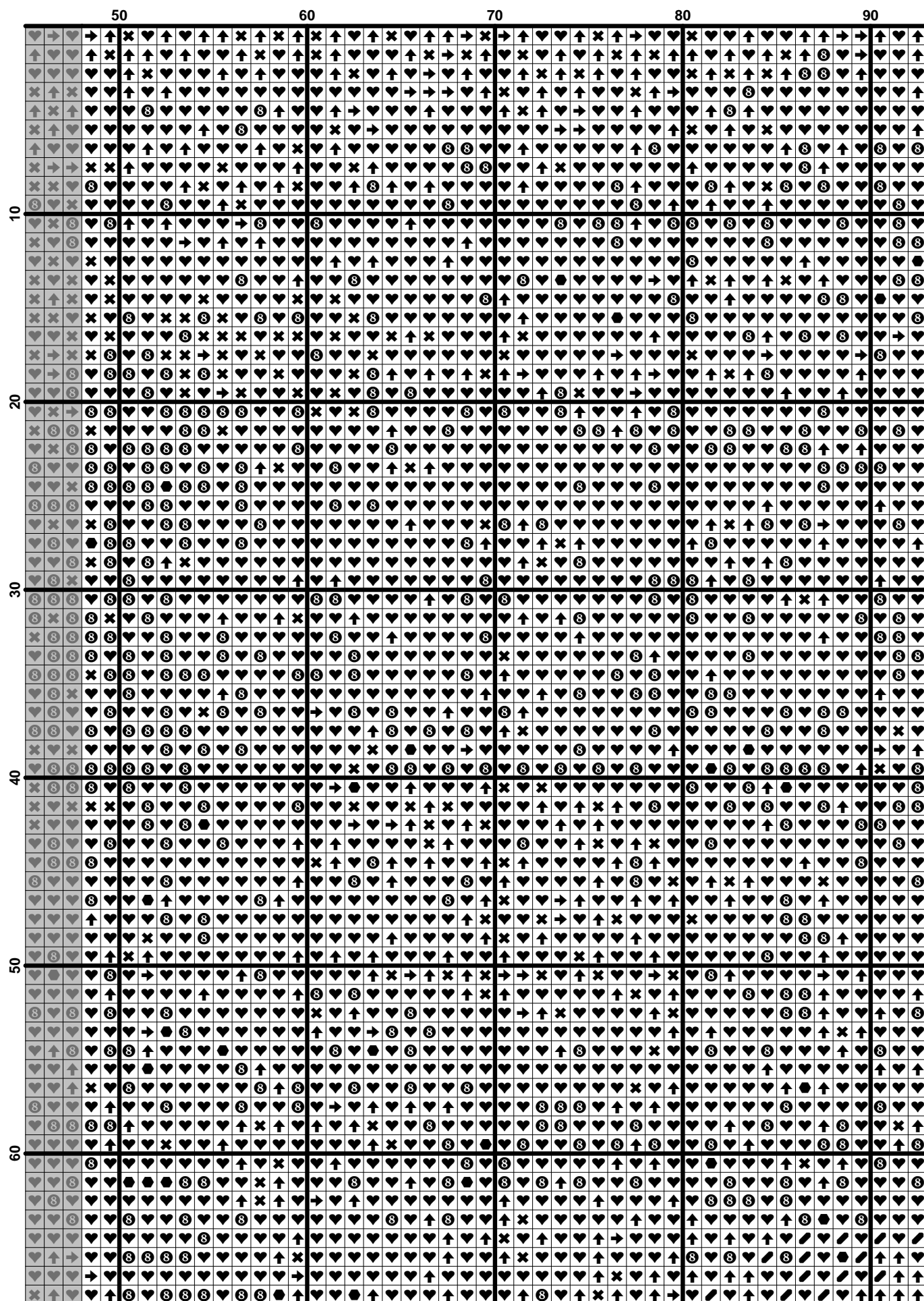
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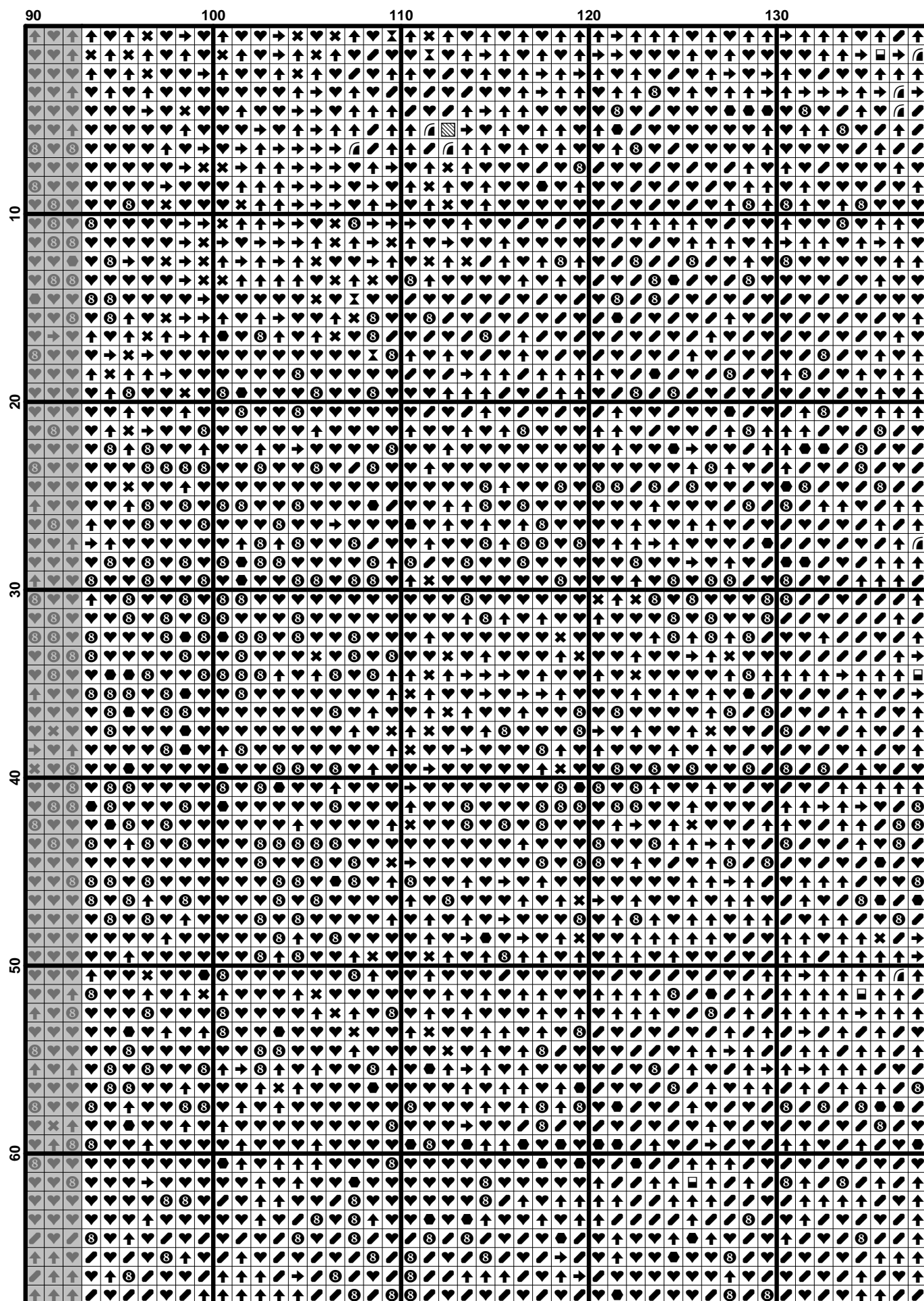
922	Copper-LT	49	19	47	18	45	17
934	Black Avocado Green	110	43	106	42	102	40
938	Coffee Brown-UL DK	899	354	865	340	833	327
948	Peach-VY LT	100	39	96	37	93	36
950	Desert Sand-LT	17	6	17	6	16	6
961	Dusty Rose-DK	63	24	61	24	59	23
962	Dusty Rose-MD	46	18	44	17	43	17
963	Dusty Rose-UL VY LT	153	60	147	57	142	55
973	Canary-BRT	10	4	10	3	9	3
975	Golden Brown-DK	1375	541	1322	520	1273	501
976	Golden Brown-MD	365	143	351	138	338	133
977	Golden Brown-LT	317	125	305	120	293	115
3021	Brown Gray-VY DK	481	189	462	181	445	175
3045	Yellow Beige-DK	76	30	73	28	71	27
3046	Yellow Beige-MD	76	30	73	28	70	27
3064	Desert Sand	16	6	15	6	15	5
3078	Golden Yellow-VY LT	46	18	44	17	43	17
3326	Rose-LT	61	24	59	23	57	22
3341	Apricot	48	18	46	17	44	17
3354	Dusty Rose-LT	19	7	18	7	17	7
3608	Plum-VY LT	5	1	5	1	5	1
3685	Mauve-DK	492	193	473	186	455	179
3687	Mauve	24	9	24	9	23	9
3689	Mauve-LT	24	9	24	9	23	9
3706	Melon-MD	22	8	21	8	20	7
3708	Melon-LT	160	63	154	60	148	58
3713	Salmon-VY LT	156	61	150	59	144	57
3721	Shell Pink-DK	829	326	798	314	768	302
3722	Shell Pink-MD	30	12	28	11	27	11
3731	Dusty Rose-VY DK	50	19	48	19	47	18
3756	Baby Blue-UL VY LT	2	1	2	1	2	1
3772	Desert Sand-VY DK	121	48	116	46	112	44
3778	Terra Cotta-LT	50	19	48	19	46	18
3802	Antique Mauve-VY DK	27	10	26	10	25	9
3821	Straw	23	9	22	8	21	8
3822	Straw-LT	17	6	17	6	16	6
3823	Yellow-UL Pale	56	22	54	21	52	20
3826	Golden Brown	75	29	72	28	69	27
3828	Hazelnut Brown	215	84	206	81	199	78
3829	Old Gold-VY DK	22	9	21	8	21	8
3831	Raspberry-DK	222	87	213	84	205	81
3832	Raspberry-MD	74	29	71	28	69	27
3833	Raspberry-LT	80	31	77	30	74	29
3852	Straw-VY DK	20	8	19	8	19	7
3853	Autumn Gold-DK	70	27	67	26	65	25
3854	Autumn Gold-MD	40	15	38	15	37	14
3856	Mahogany-UL VY LT	27	10	26	10	25	9
3858	Rosewood-MD	904	356	869	342	837	329
3861	Cocoa-LT	14	5	13	5	13	5
3862	Mocha Beige-DK	446	176	429	169	413	163
3864	Mocha Beige-LT	25	9	24	9	23	9
3865	Winter White	356	140	342	134	329	129

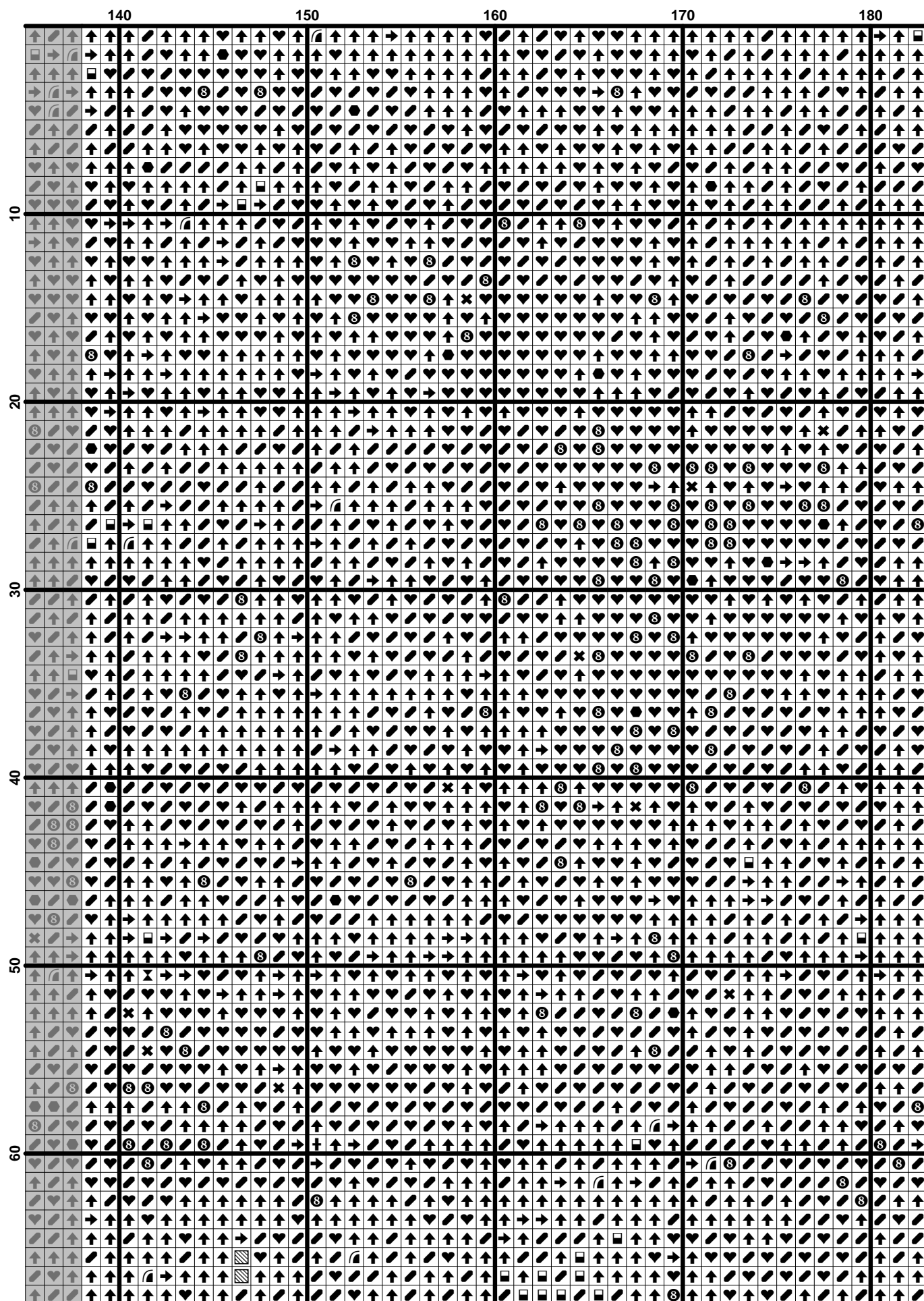
Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
221	Shell Pink-VY DK	80	32	75	29	70	28
223	Shell Pink-LT	15	6	14	5	14	5
224	Shell Pink-VY LT	17	6	16	6	15	6
301	Mahogany-MD	224	88	209	82	196	77
316	Antique Mauve-MD	18	7	17	7	16	6
347	Salmon-VY DK	102	40	95	37	89	35
350	Coral-MD	44	17	41	16	39	15
355	Terra Cotta-DK	47	18	44	17	41	16
356	Terra Cotta-MD	1235	486	1153	454	1081	425
370	Mustard-MD	28	10	26	10	24	9
371	Mustard	35	14	32	13	30	12
402	Mahogany-VY LT	20	8	19	7	17	7
407	Desert Sand-DK	16	6	15	5	14	5
420	Hazelnut Brown-DK	1355	533	1264	497	1185	466
434	Brown-LT	147	57	137	53	128	50
435	Brown-VY LT	477	188	445	175	417	164
445	Lemon-LT	8	3	8	3	7	3
452	Shell Gray-MD	5	2	5	2	5	2
603	Cranberry	19	7	17	7	16	6
604	Cranberry-LT	28	10	26	10	24	9
605	Cranberry-VY LT	23	9	22	8	20	8
610	Drab Brown-DK	65	25	61	23	57	22
611	Drab Brown	56	22	52	20	49	19
612	Drab Brown-LT	17	6	16	6	15	6
721	Orange Spice-MD	20	8	19	7	17	7
722	Orange Spice-LT	65	25	61	23	57	22
726	Topaz-LT	15	6	14	5	14	5
734	Olive Green-LT	42	16	39	15	37	14
738	Tan-VY LT	37	14	35	13	33	12
739	Tan-UL VY LT	15	6	14	5	14	5
741	Tangerine-MD	74	29	69	27	65	25
742	Tangerine-LT	31	12	29	11	27	10
743	Yellow-MD	91	35	85	33	80	31
744	Yellow-Pale	64	25	60	23	56	22
745	Yellow-LT Pale	33	13	31	12	29	11
746	Off White	113	44	105	41	98	38
754	Peach-LT	51	20	47	19	44	17
758	Terra Cotta-VY LT	16	6	15	5	14	5
801	Coffee Brown-DK	1522	599	1421	559	1332	524
819	Baby Pink-LT	255	100	238	94	223	88
822	Beige Gray-LT	12	5	11	4	10	4
830	Golden Olive-DK	254	100	237	93	222	87
831	Golden Olive-MD	20	8	19	7	17	7
833	Golden Olive-LT	38	15	35	14	33	13
834	Golden Olive-VY LT	134	53	125	49	118	46
838	Beige Brown-VY DK	1156	455	1079	424	1011	398
839	Beige Brown-DK	3632	1430	3389	1334	3178	1251
840	Beige Brown-MD	14	5	13	5	12	5
842	Beige Brown-VY LT	9	3	8	3	8	3
892	Carnation-MD	20	8	19	7	17	7
893	Carnation-LT	13	5	12	4	11	4
894	Carnation-VY LT	46	17	43	16	40	15
900	Burnt Orange-DK	48	19	45	17	42	16

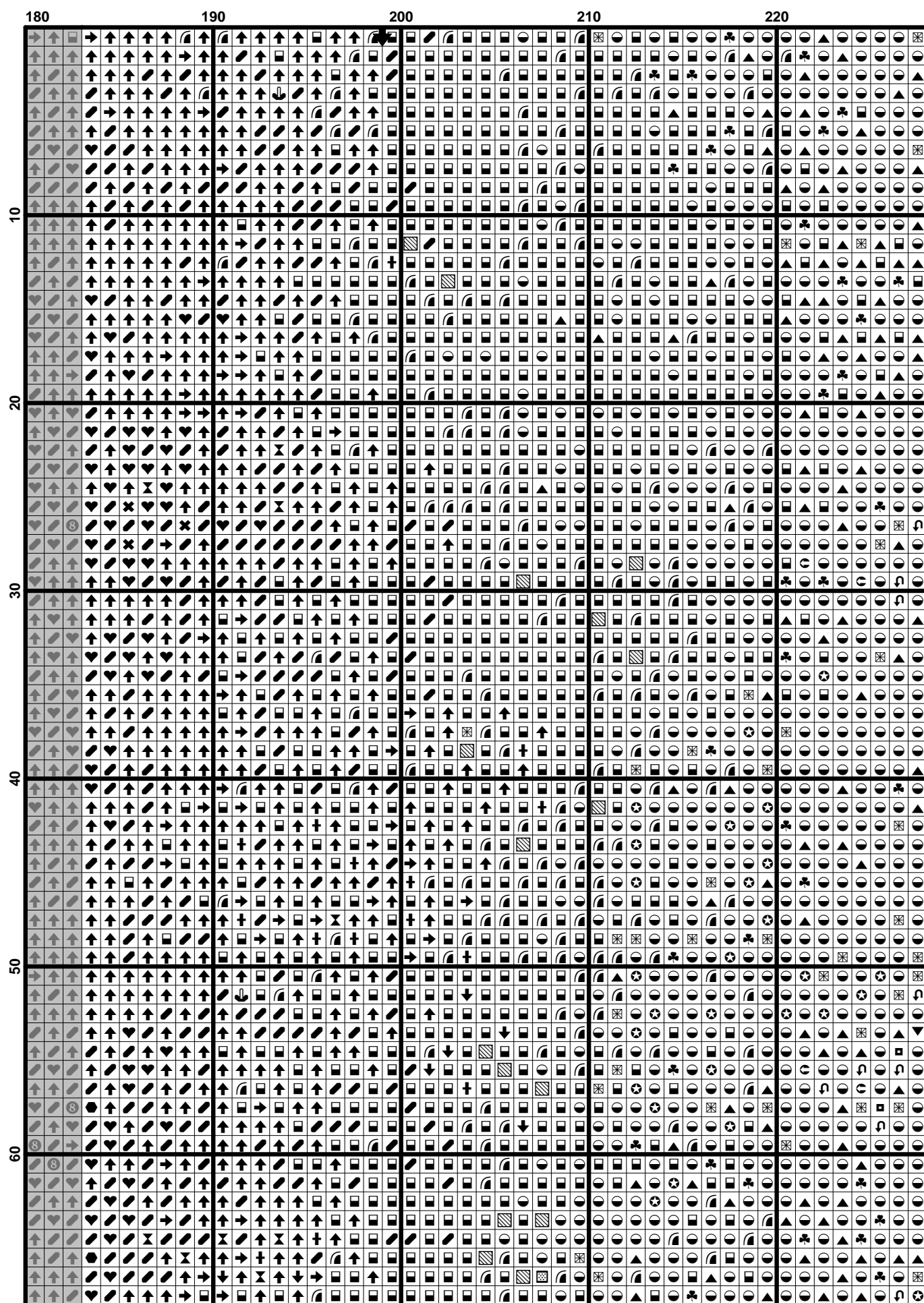
922	Copper-LT	44	17	41	16	38	15
934	Black Avocado Green	98	39	92	36	86	34
938	Coffee Brown-UL DK	803	316	749	295	703	276
948	Peach-VY LT	89	35	83	32	78	30
950	Desert Sand-LT	15	6	14	5	14	5
961	Dusty Rose-DK	57	22	53	20	50	19
962	Dusty Rose-MD	41	16	38	15	36	14
963	Dusty Rose-UL VY LT	137	53	128	50	120	47
973	Canary-BRT	9	3	8	3	8	3
975	Golden Brown-DK	1228	483	1146	451	1074	422
976	Golden Brown-MD	326	128	304	119	285	112
977	Golden Brown-LT	283	111	264	104	248	97
3021	Brown Gray-VY DK	429	168	401	157	376	147
3045	Yellow Beige-DK	68	26	64	25	60	23
3046	Yellow Beige-MD	68	26	63	25	59	23
3064	Desert Sand	14	5	13	5	12	5
3078	Golden Yellow-VY LT	41	16	38	15	36	14
3326	Rose-LT	55	21	51	20	48	19
3341	Apricot	42	16	40	15	37	14
3354	Dusty Rose-LT	17	6	16	6	15	6
3608	Plum-VY LT	5	1	4	1	4	1
3685	Mauve-DK	439	172	410	161	384	151
3687	Mauve	22	8	20	8	19	7
3689	Mauve-LT	22	8	20	8	19	7
3706	Melon-MD	19	7	18	7	17	6
3708	Melon-LT	143	56	133	52	125	49
3713	Salmon-VY LT	139	55	130	51	122	48
3721	Shell Pink-DK	741	291	691	272	648	255
3722	Shell Pink-MD	26	10	25	10	23	9
3731	Dusty Rose-VY DK	45	17	42	16	39	15
3756	Baby Blue-UL VY LT	2	1	2	1	2	1
3772	Desert Sand-VY DK	108	42	101	40	95	37
3778	Terra Cotta-LT	44	17	41	16	39	15
3802	Antique Mauve-VY DK	24	9	22	8	21	8
3821	Straw	21	8	19	7	18	7
3822	Straw-LT	15	6	14	5	14	5
3823	Yellow-UL Pale	50	19	47	18	44	17
3826	Golden Brown	67	26	62	24	59	23
3828	Hazelnut Brown	192	75	179	70	168	66
3829	Old Gold-VY DK	20	8	19	7	17	7
3831	Raspberry-DK	198	78	185	73	173	68
3832	Raspberry-MD	66	26	62	24	58	23
3833	Raspberry-LT	71	28	67	26	62	24
3852	Straw-VY DK	18	7	17	7	16	6
3853	Autumn Gold-DK	62	24	58	23	55	21
3854	Autumn Gold-MD	35	14	33	13	31	12
3856	Mahogany-UL VY LT	24	9	22	8	21	8
3858	Rosewood-MD	807	318	753	296	706	278
3861	Cocoa-LT	12	5	11	4	11	4
3862	Mocha Beige-DK	399	157	372	146	349	137
3864	Mocha Beige-LT	23	8	21	8	20	7
3865	Winter White	318	125	296	116	278	109



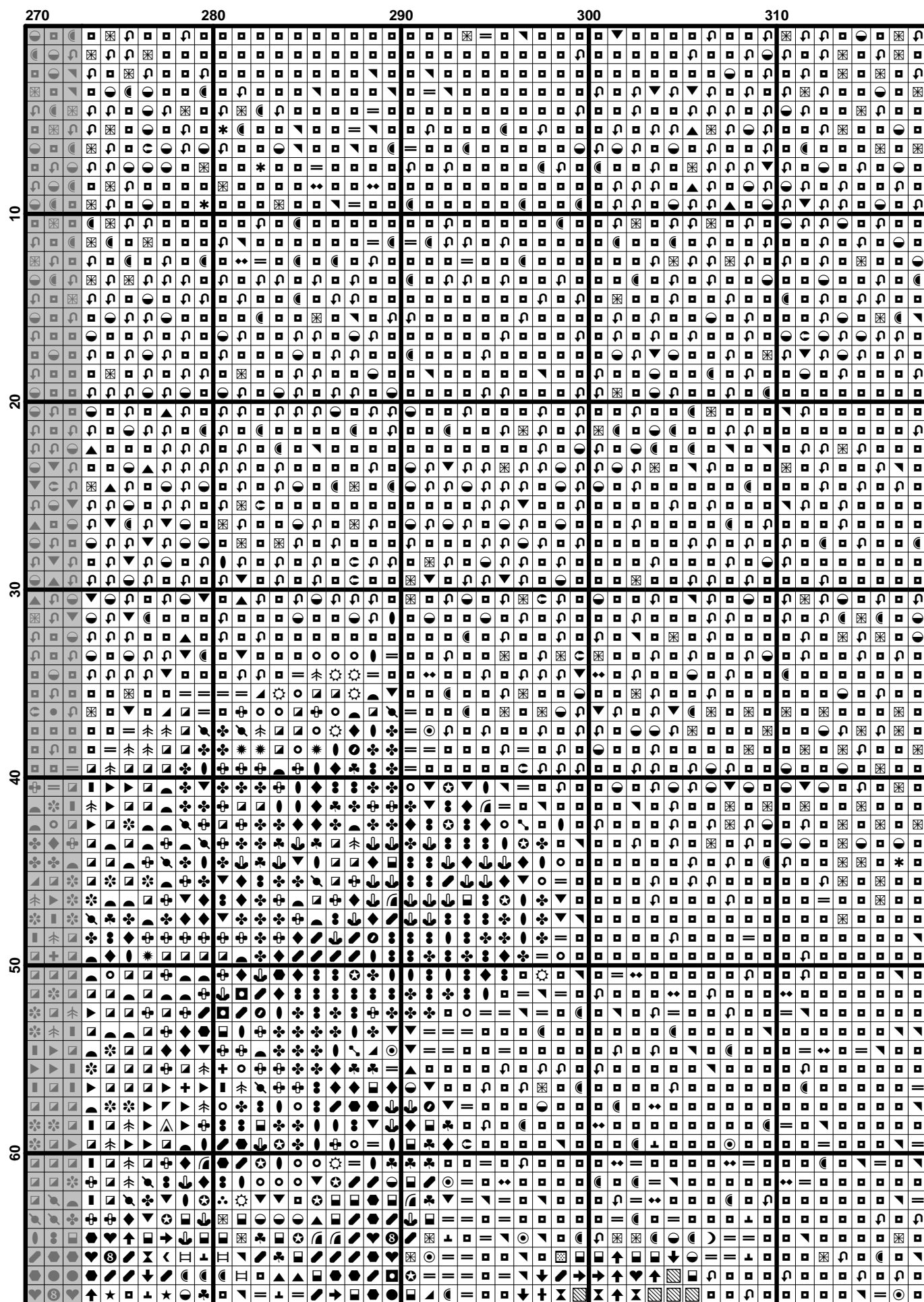


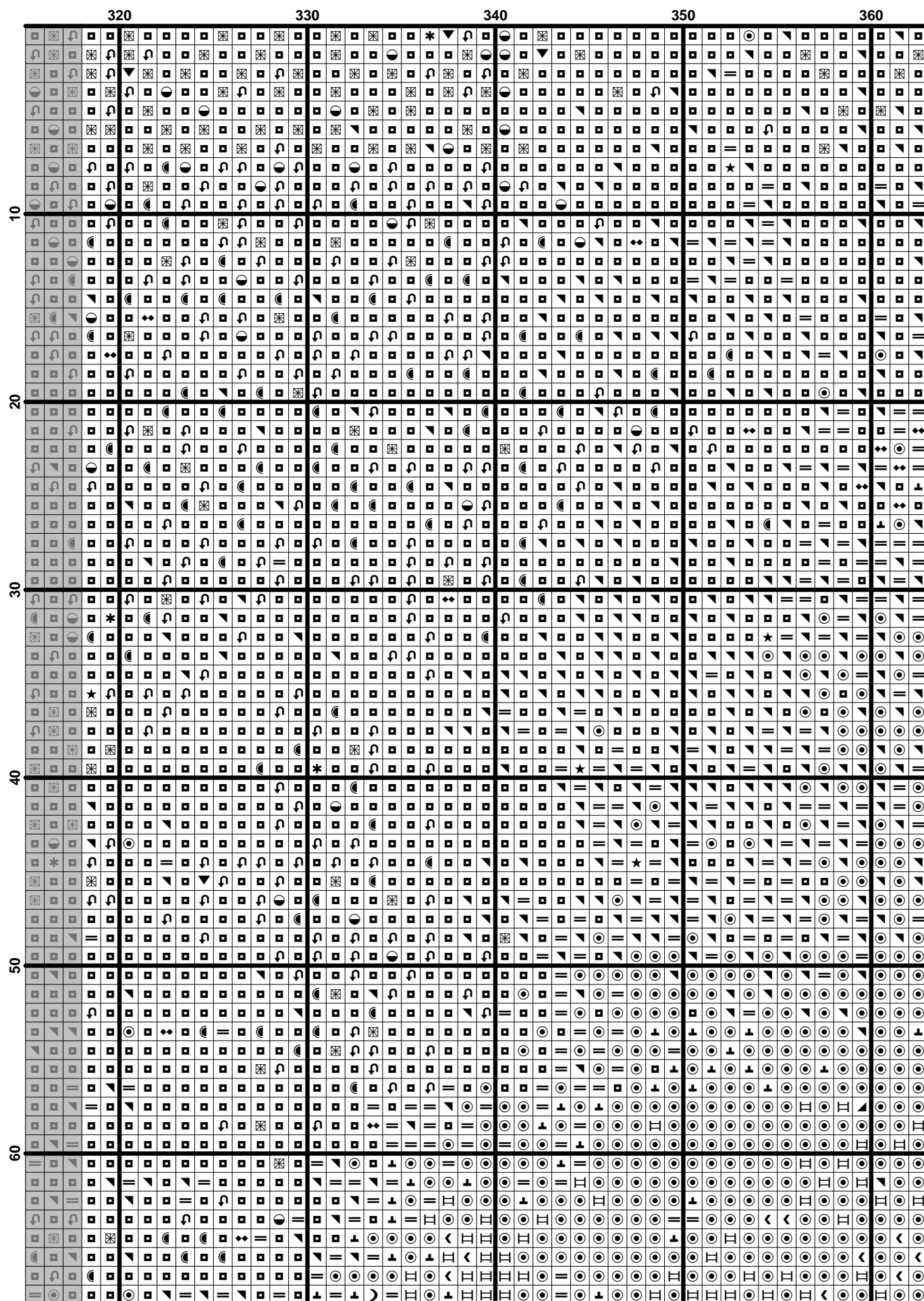


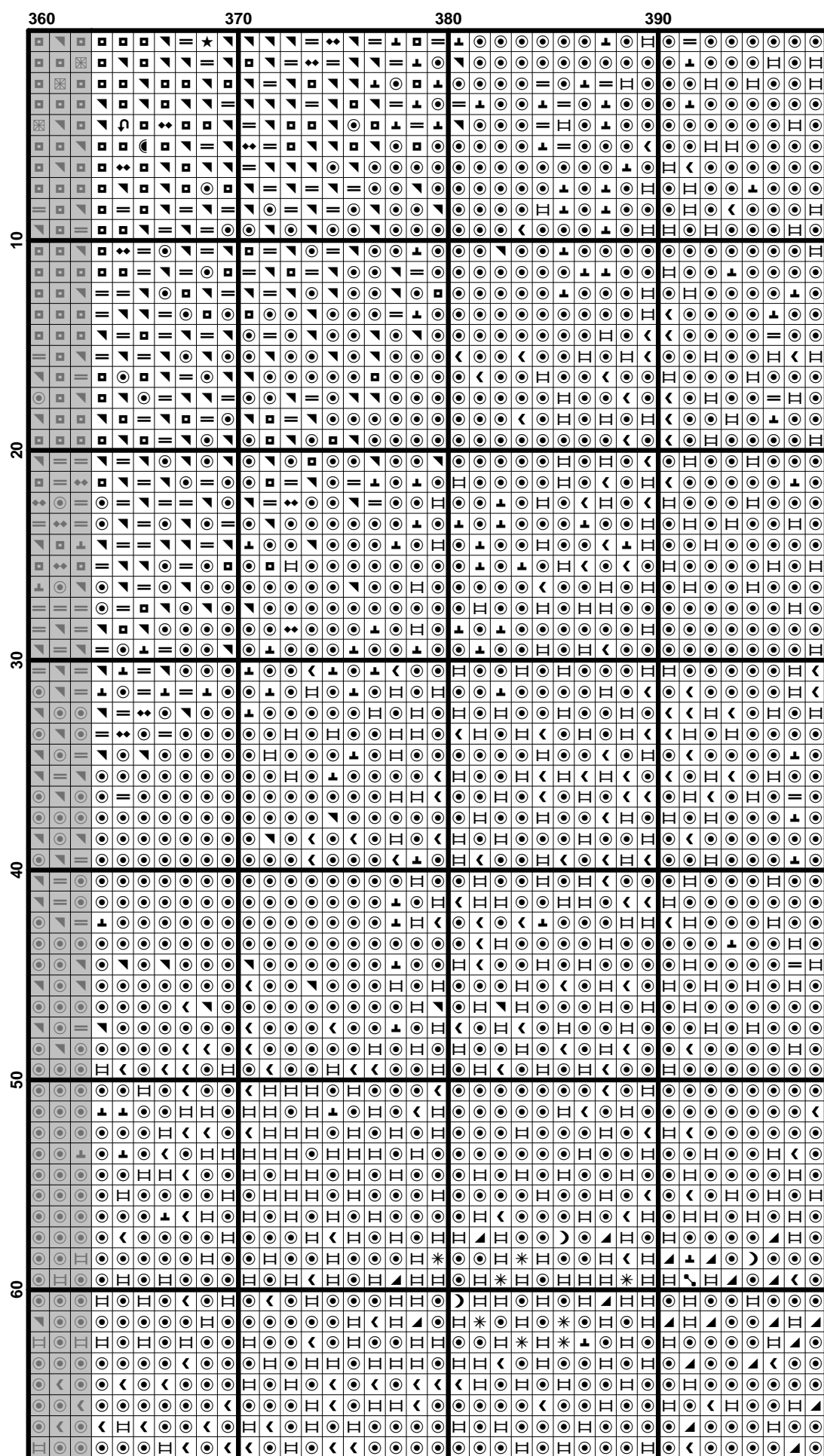


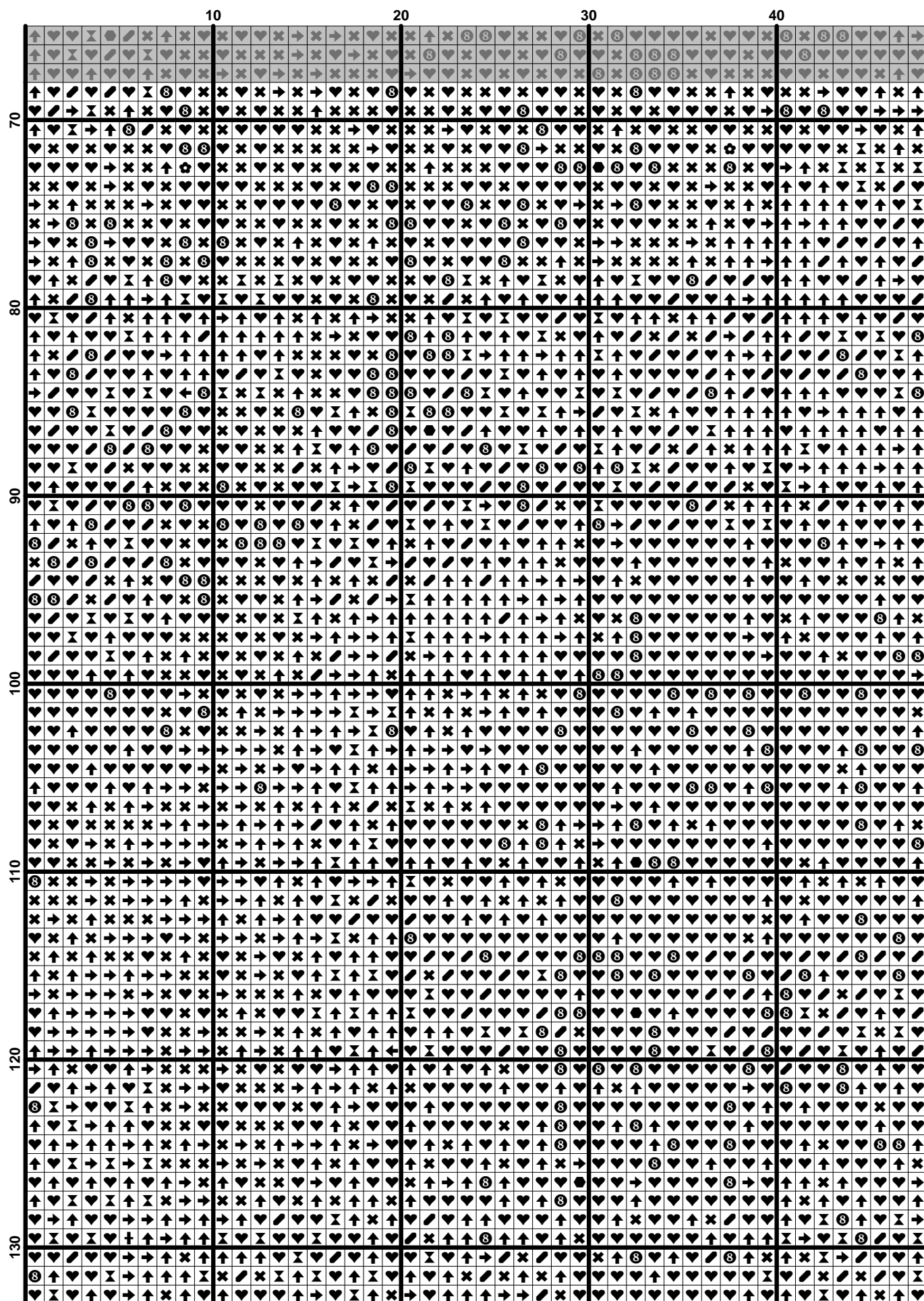


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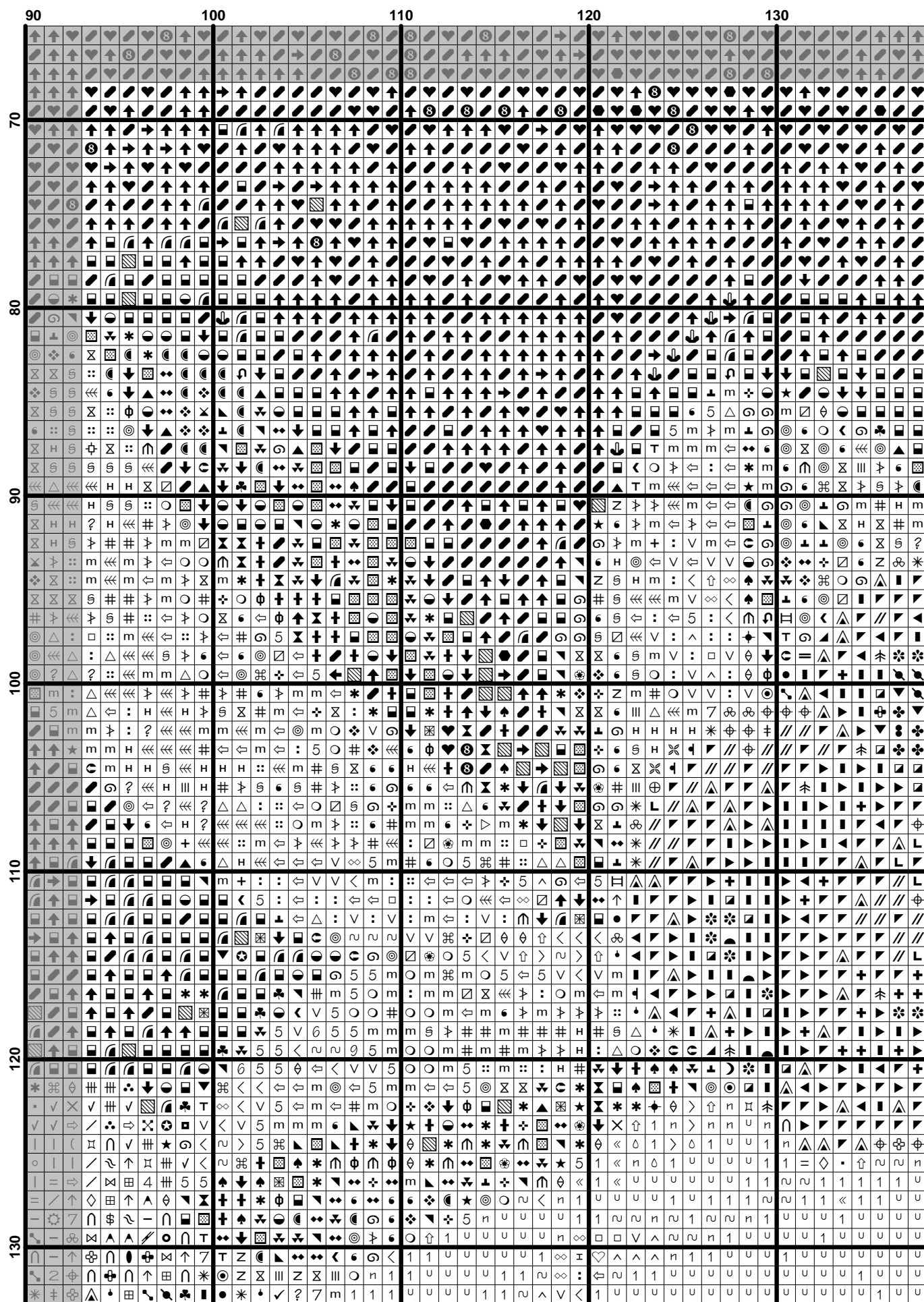


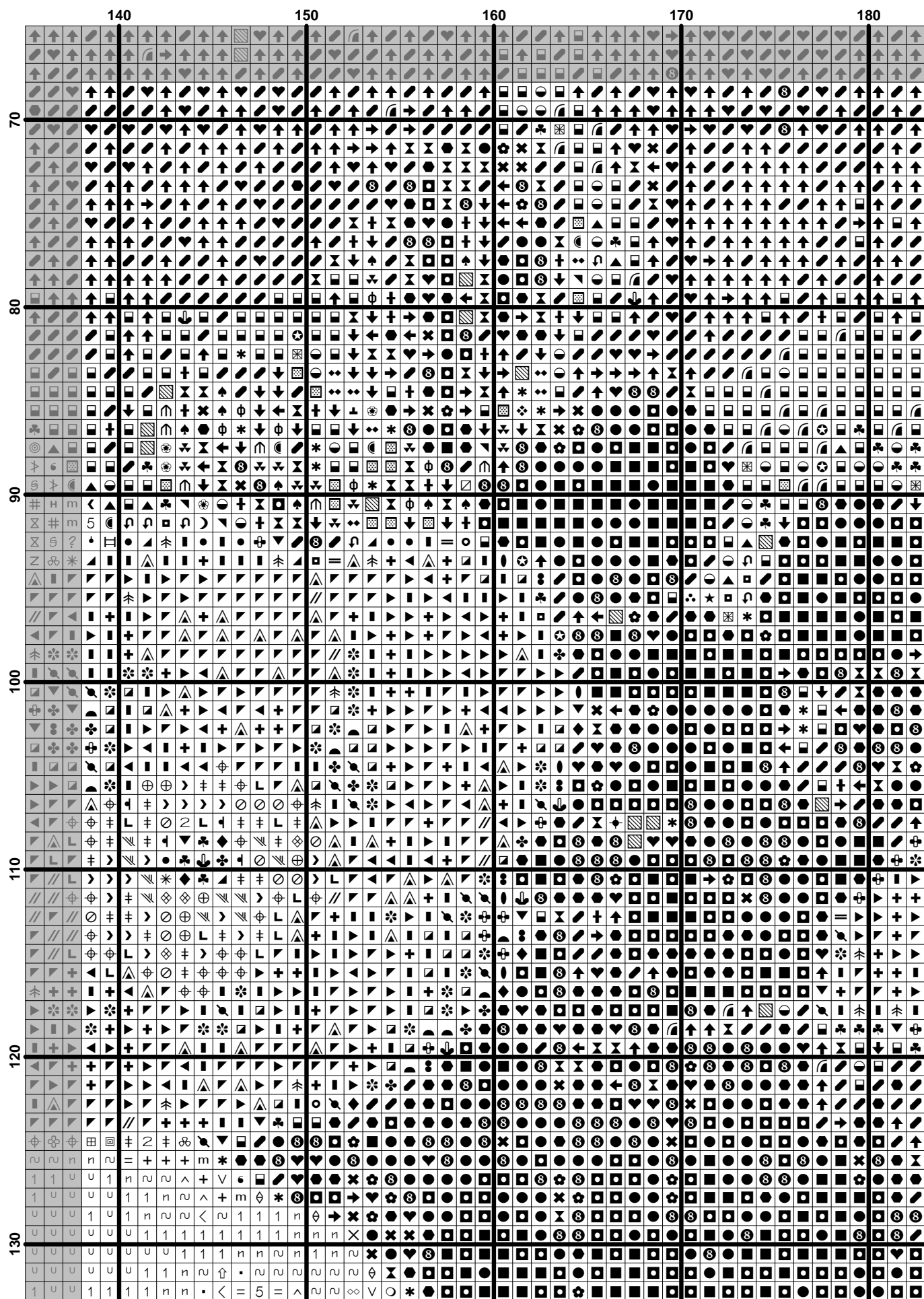


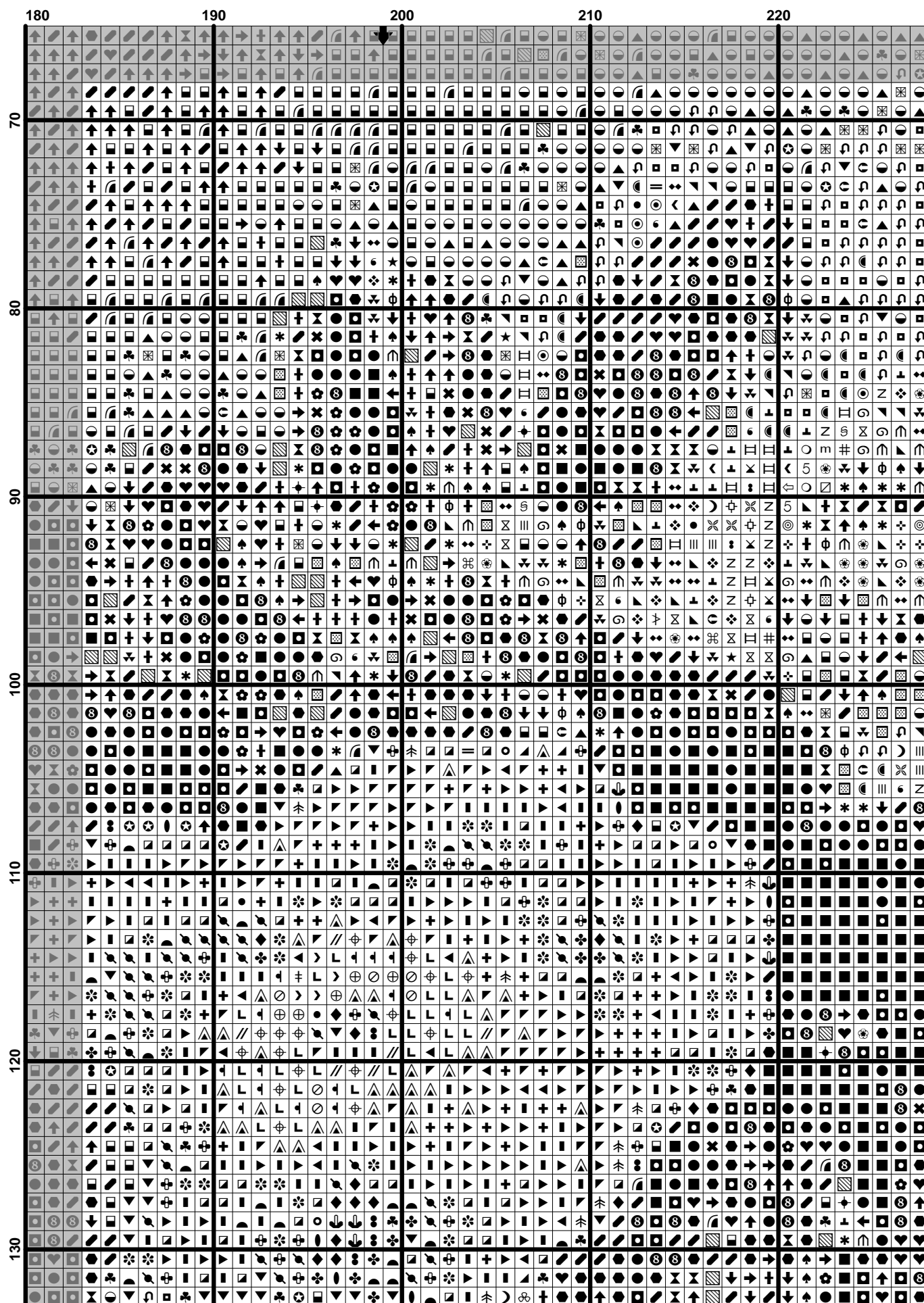


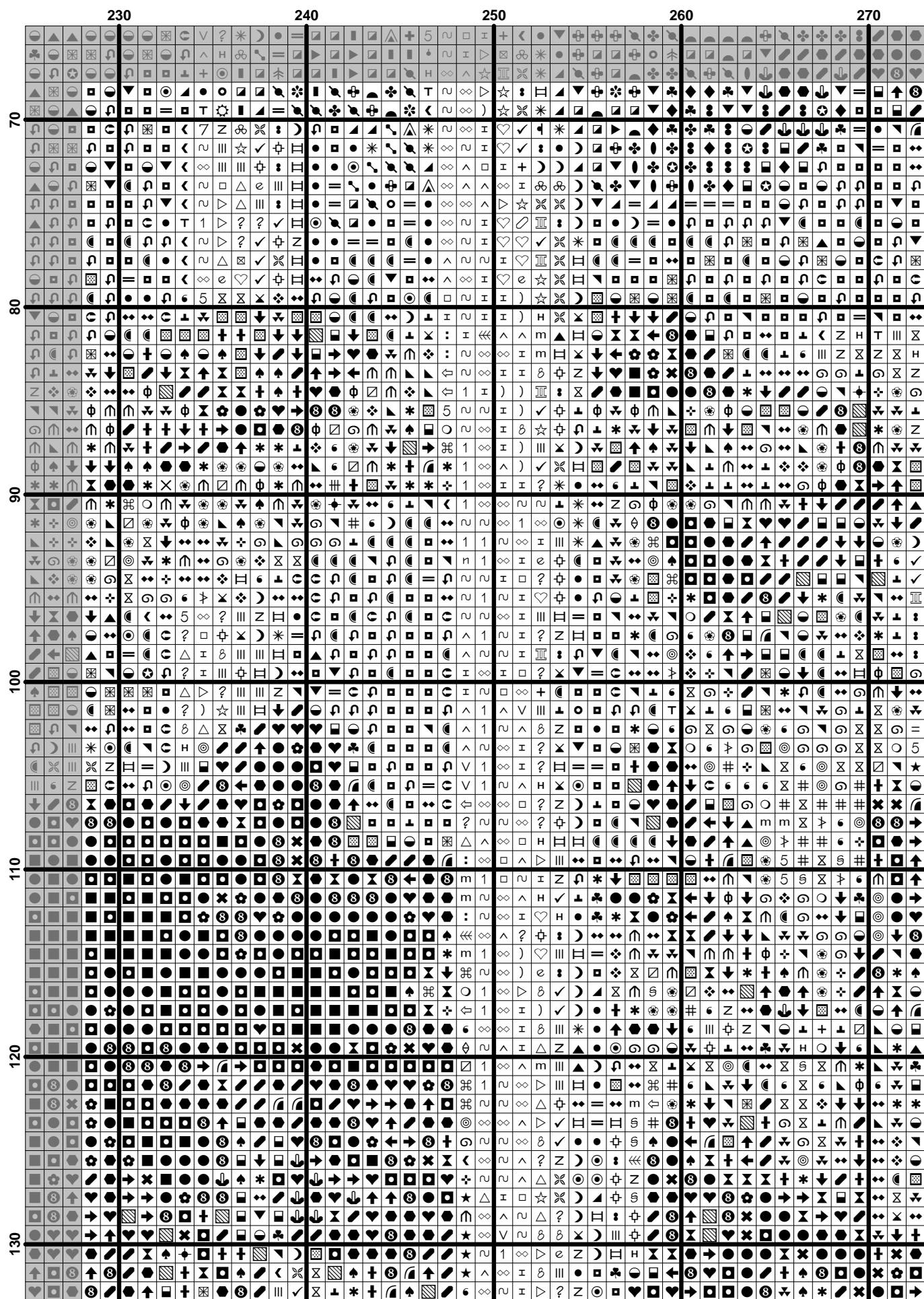


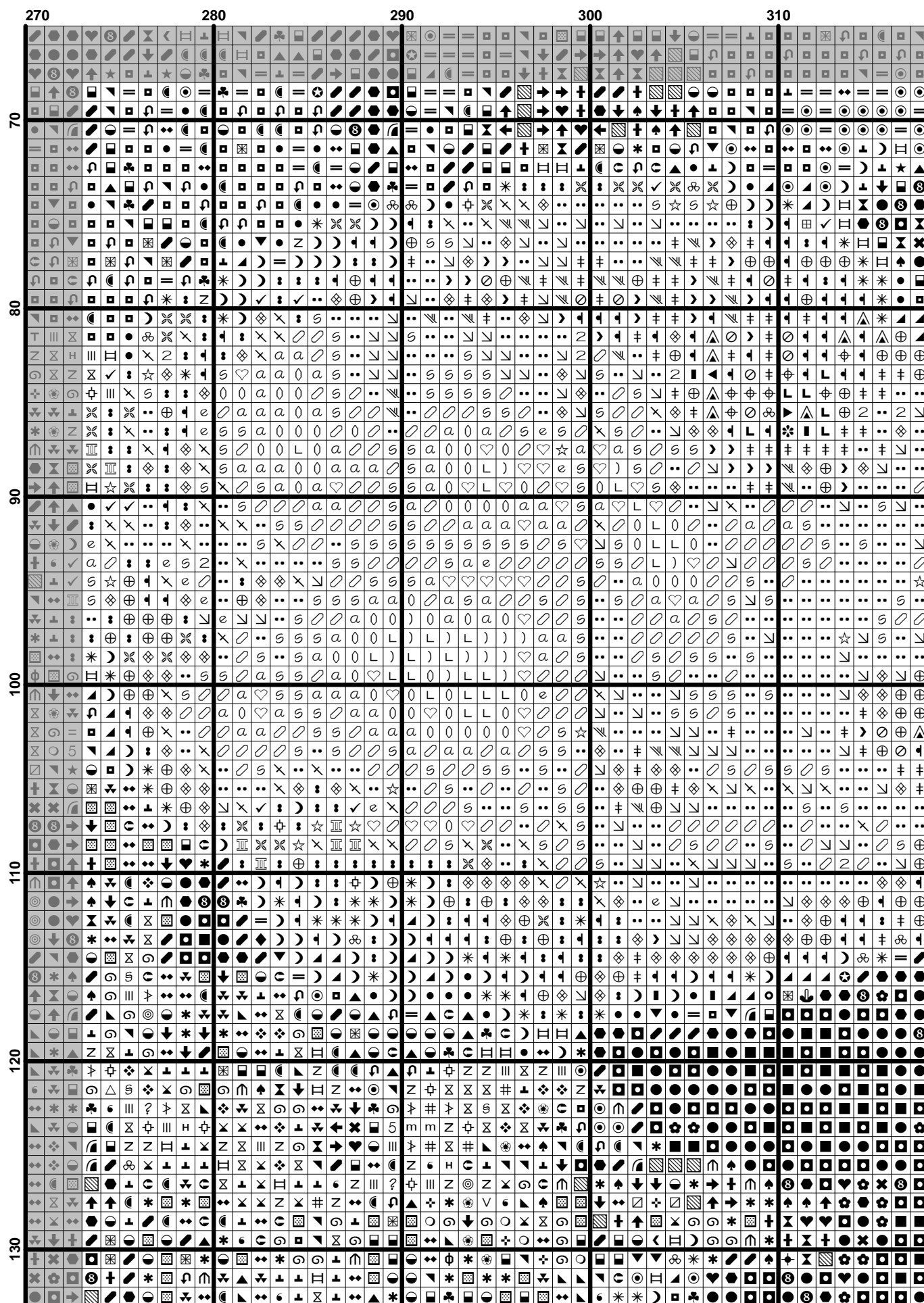
$$(20) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (21)$$

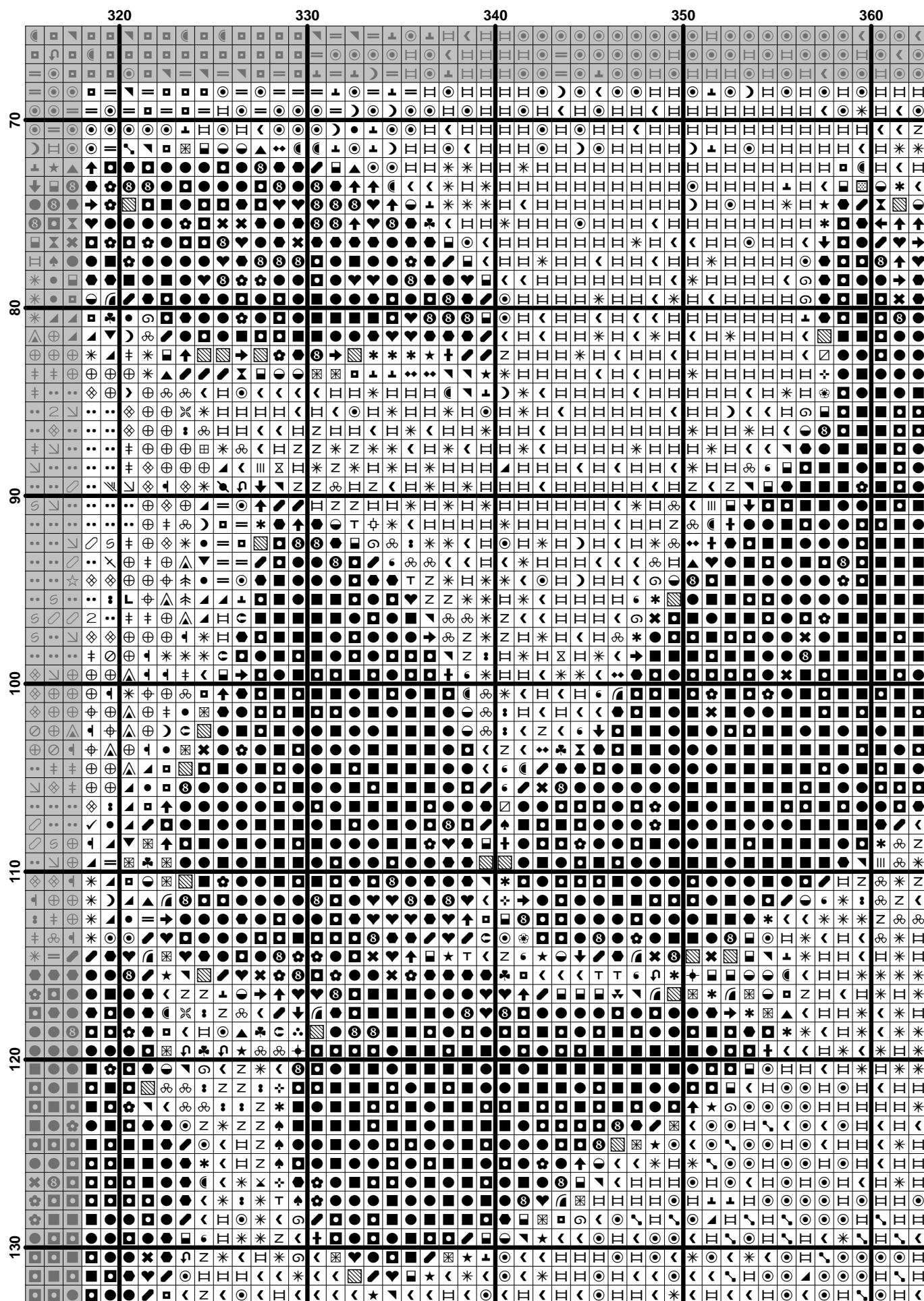


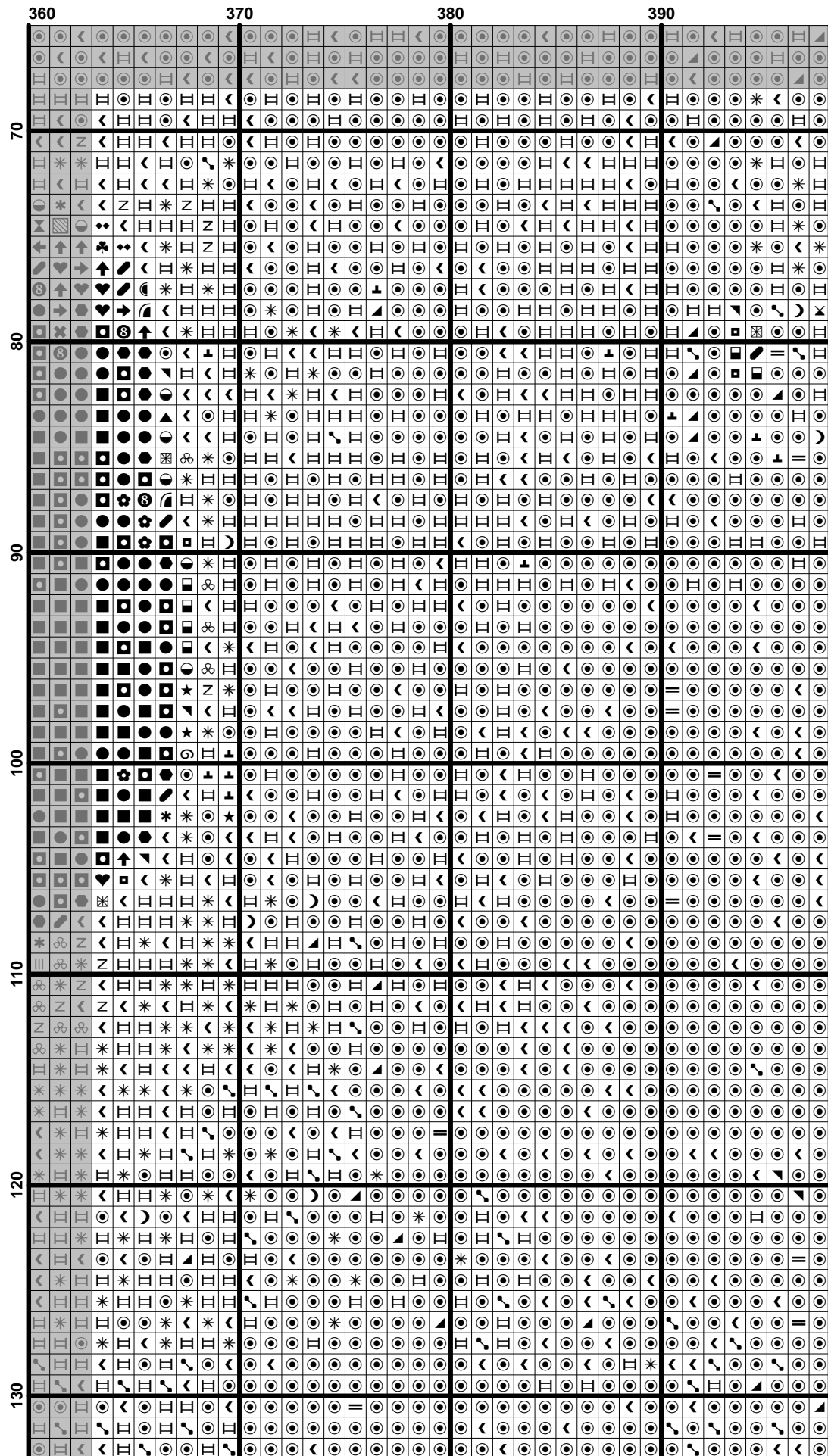




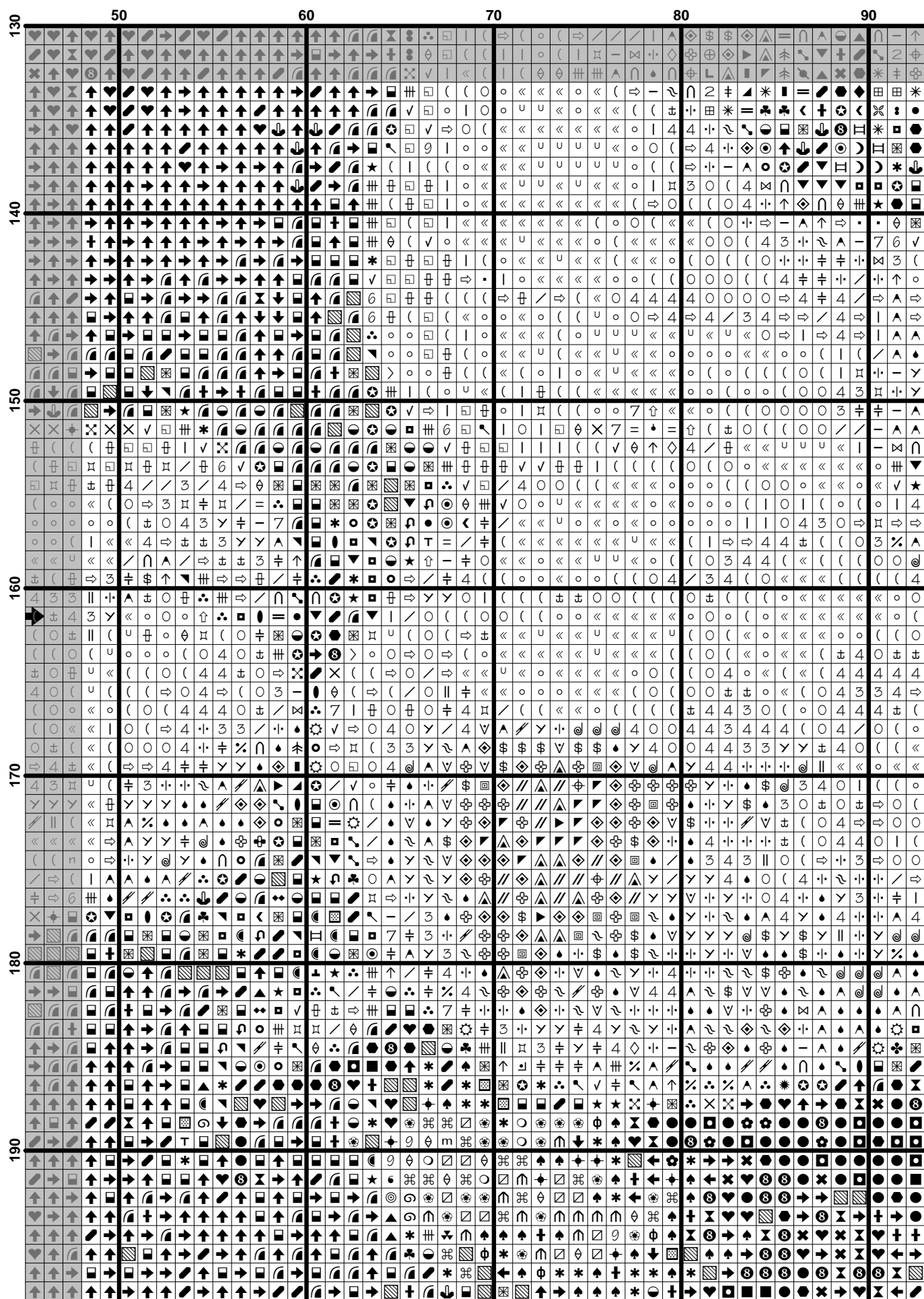






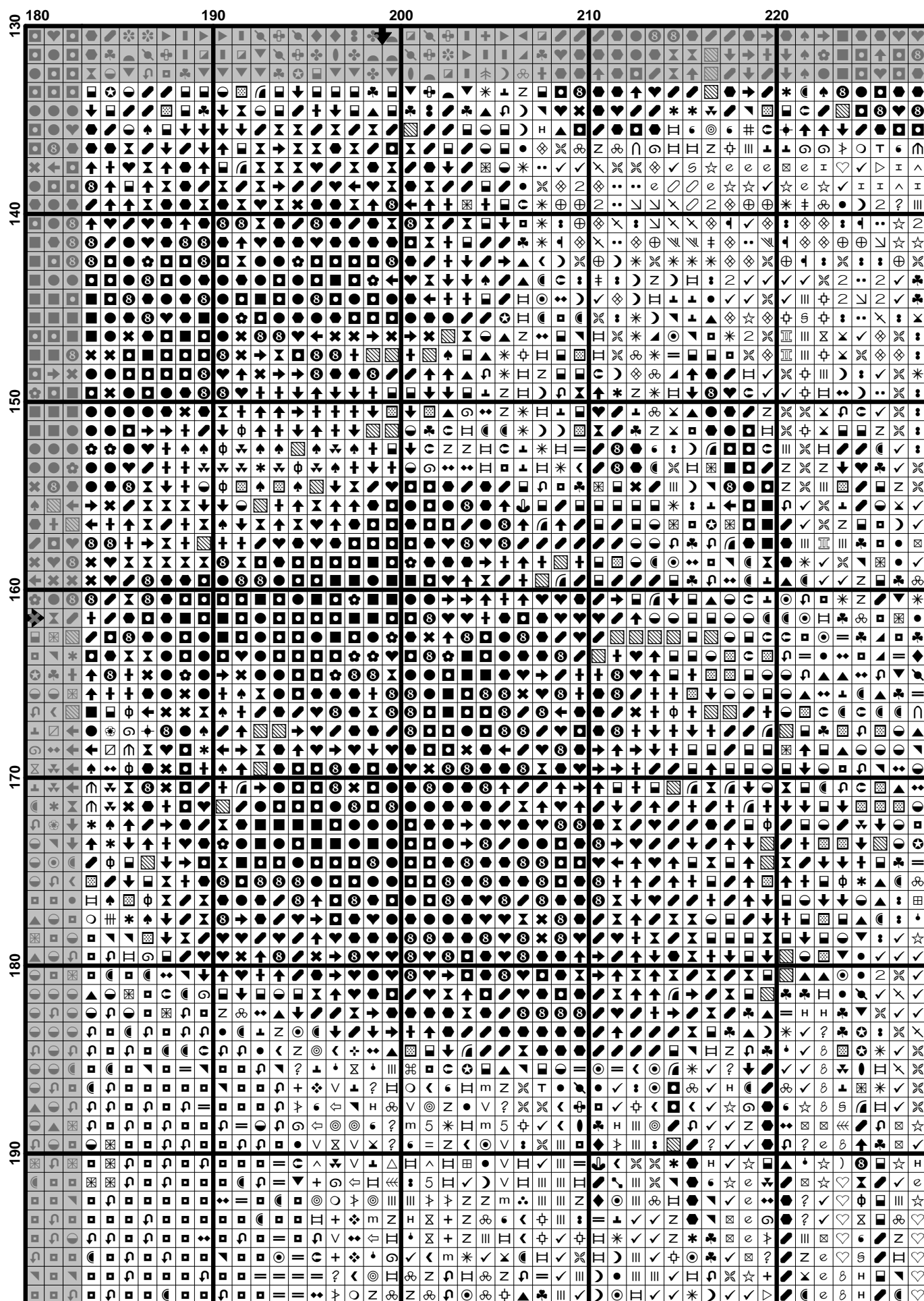


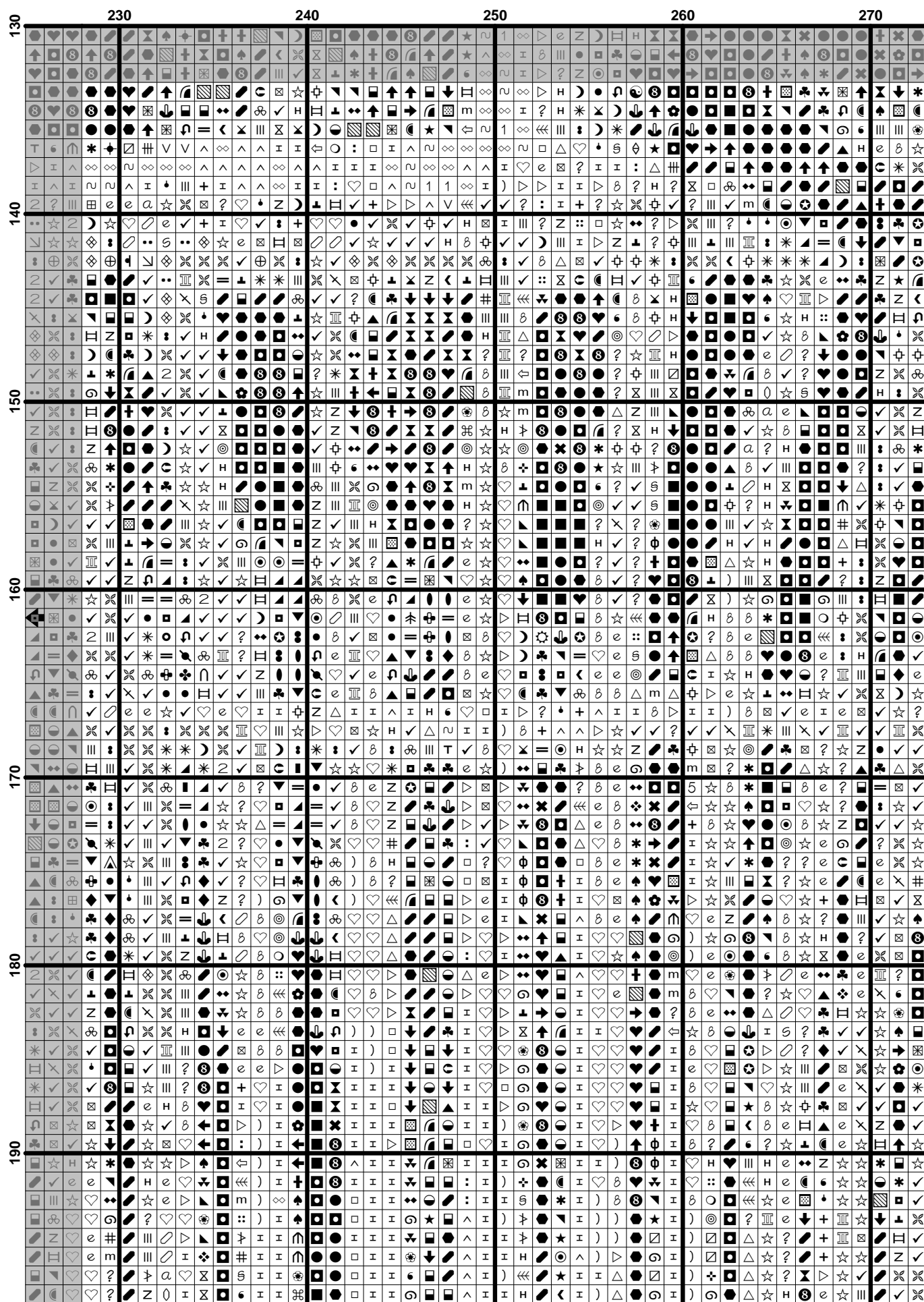


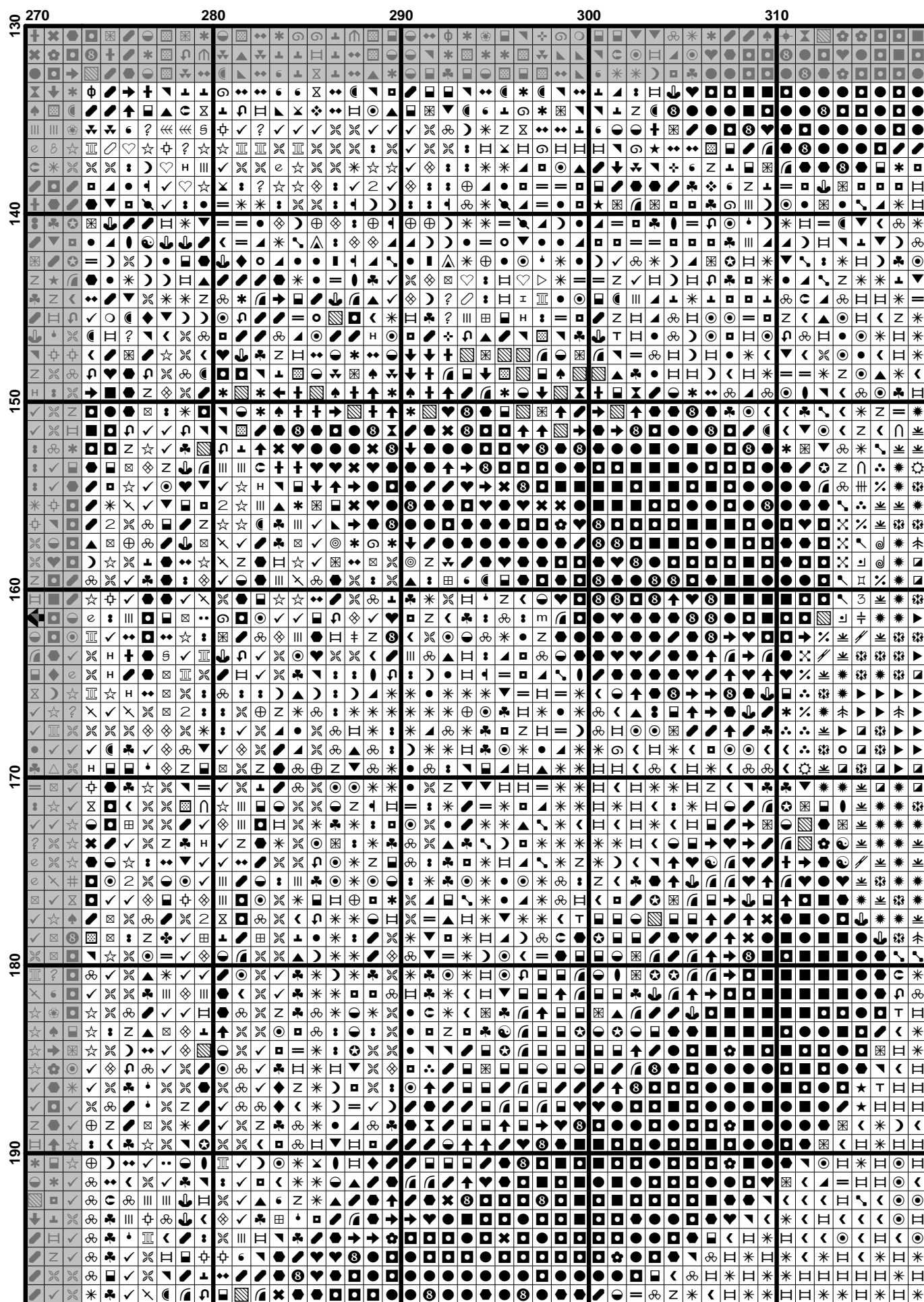


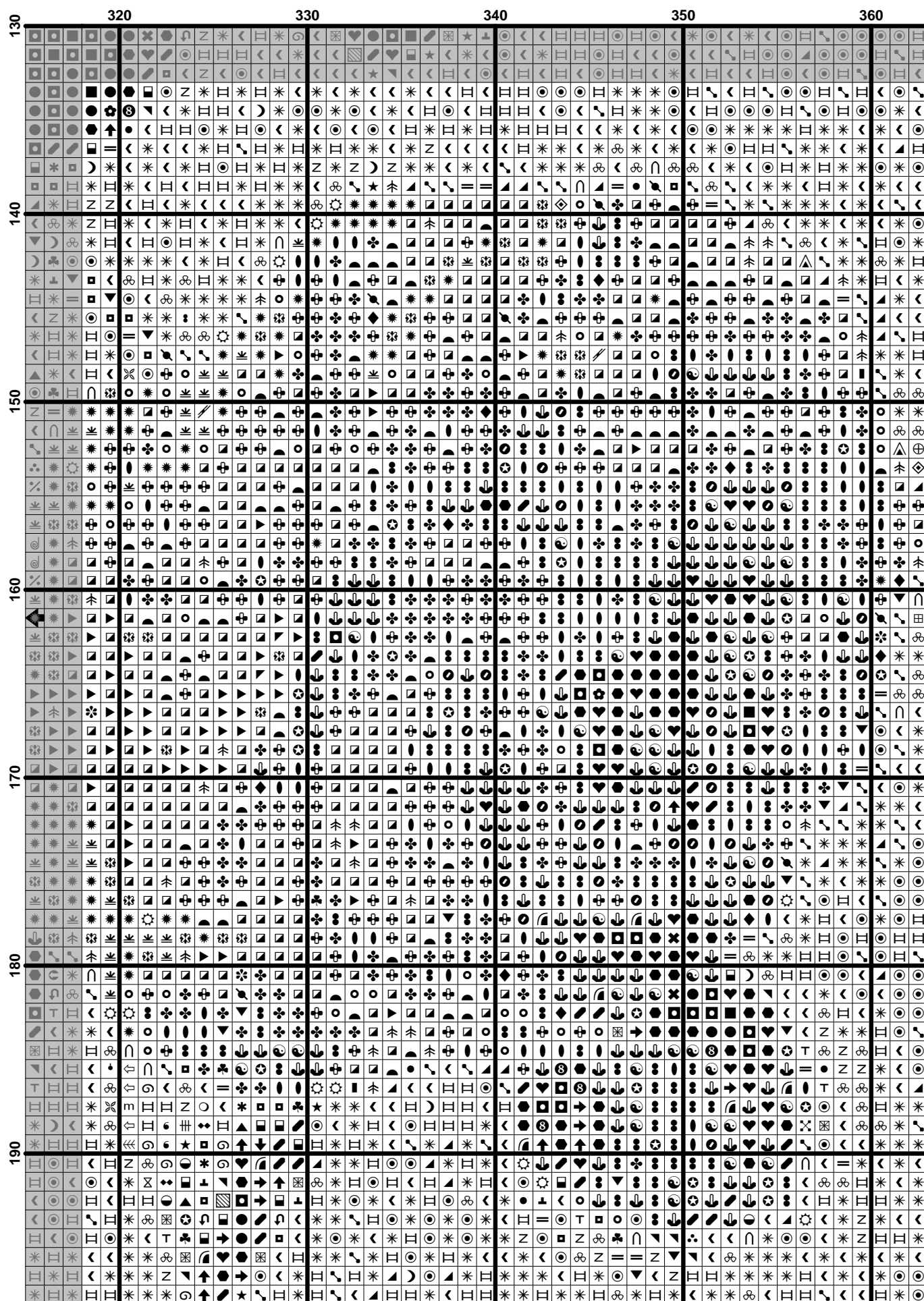
[illegible]

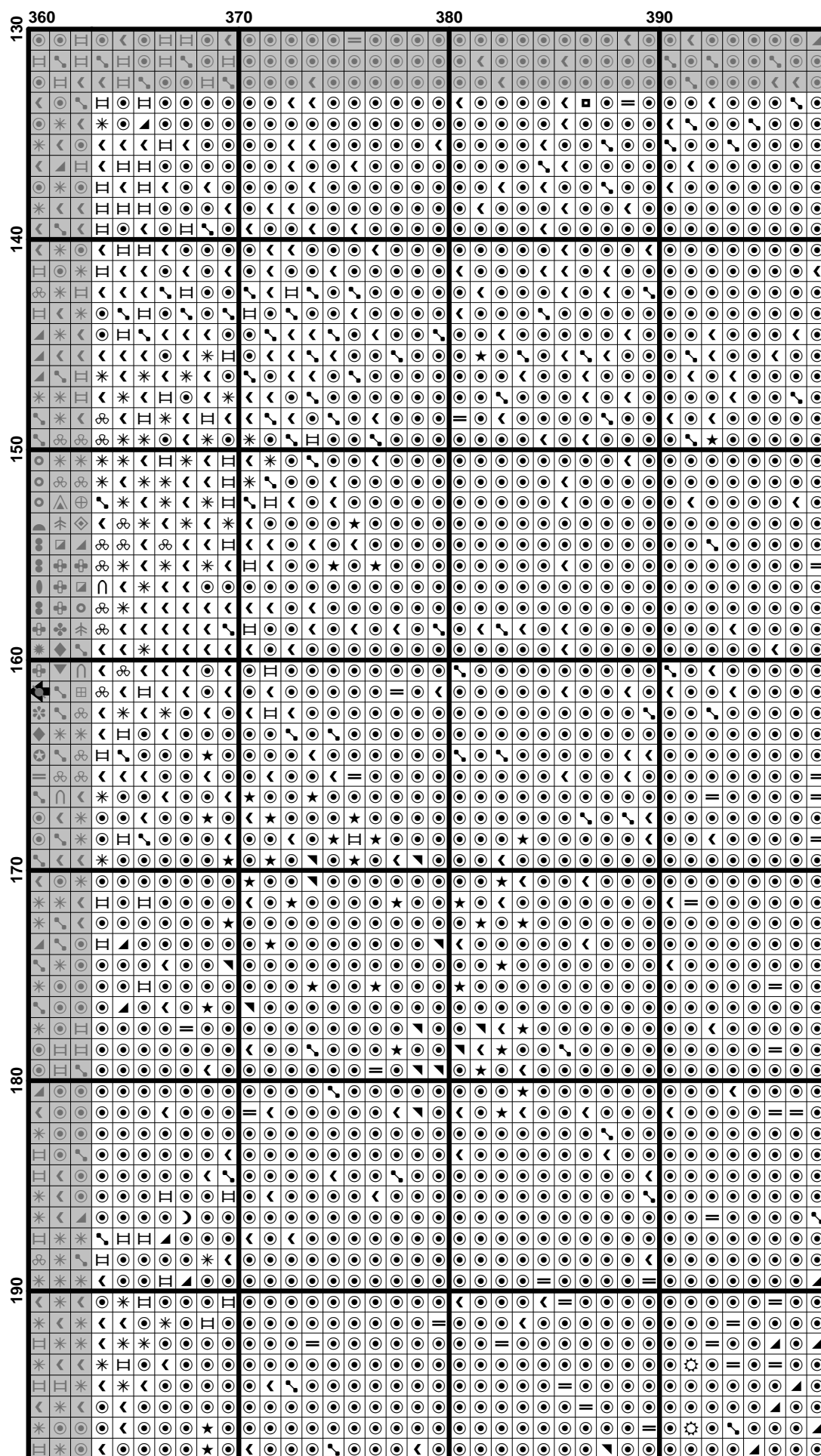
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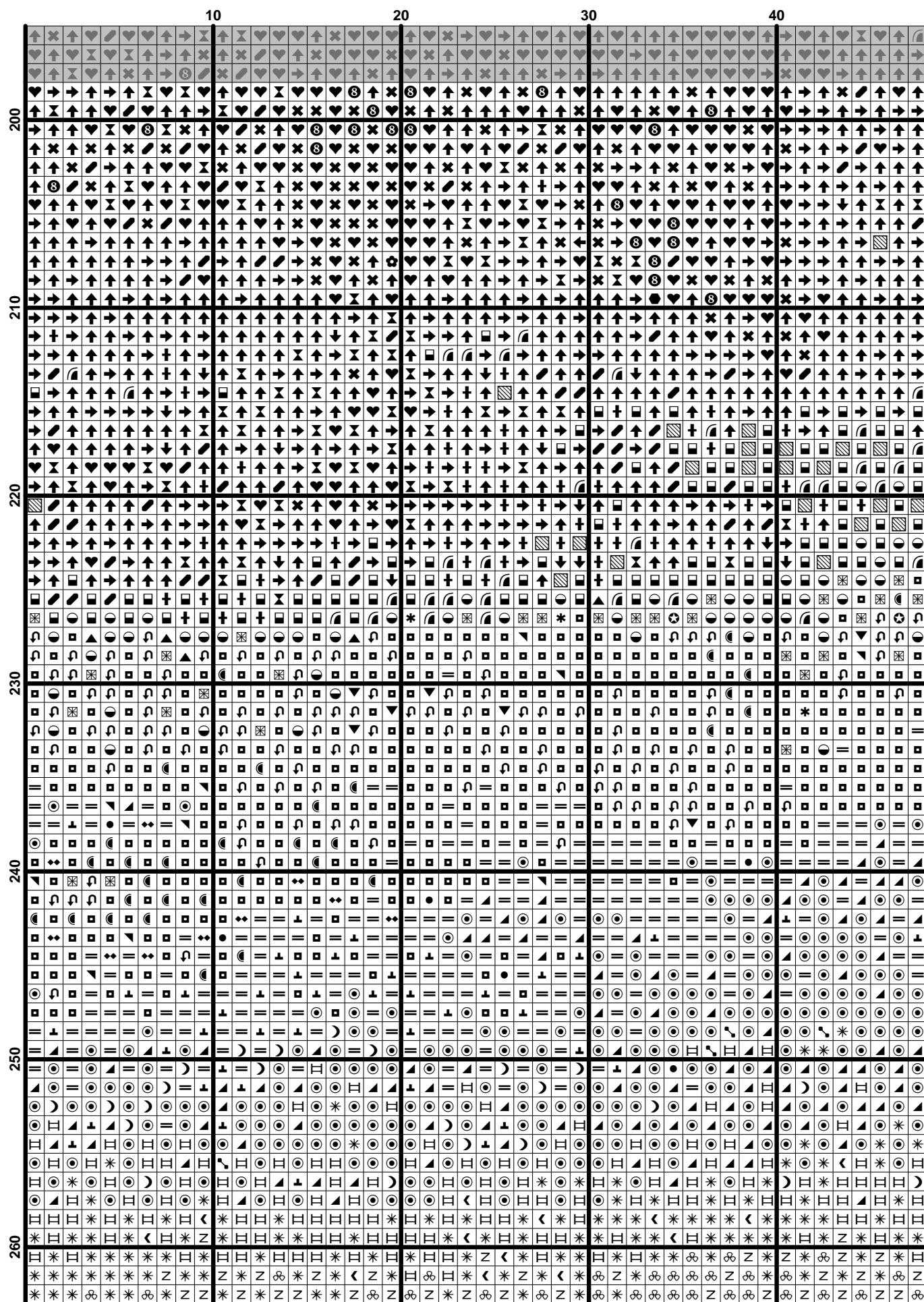


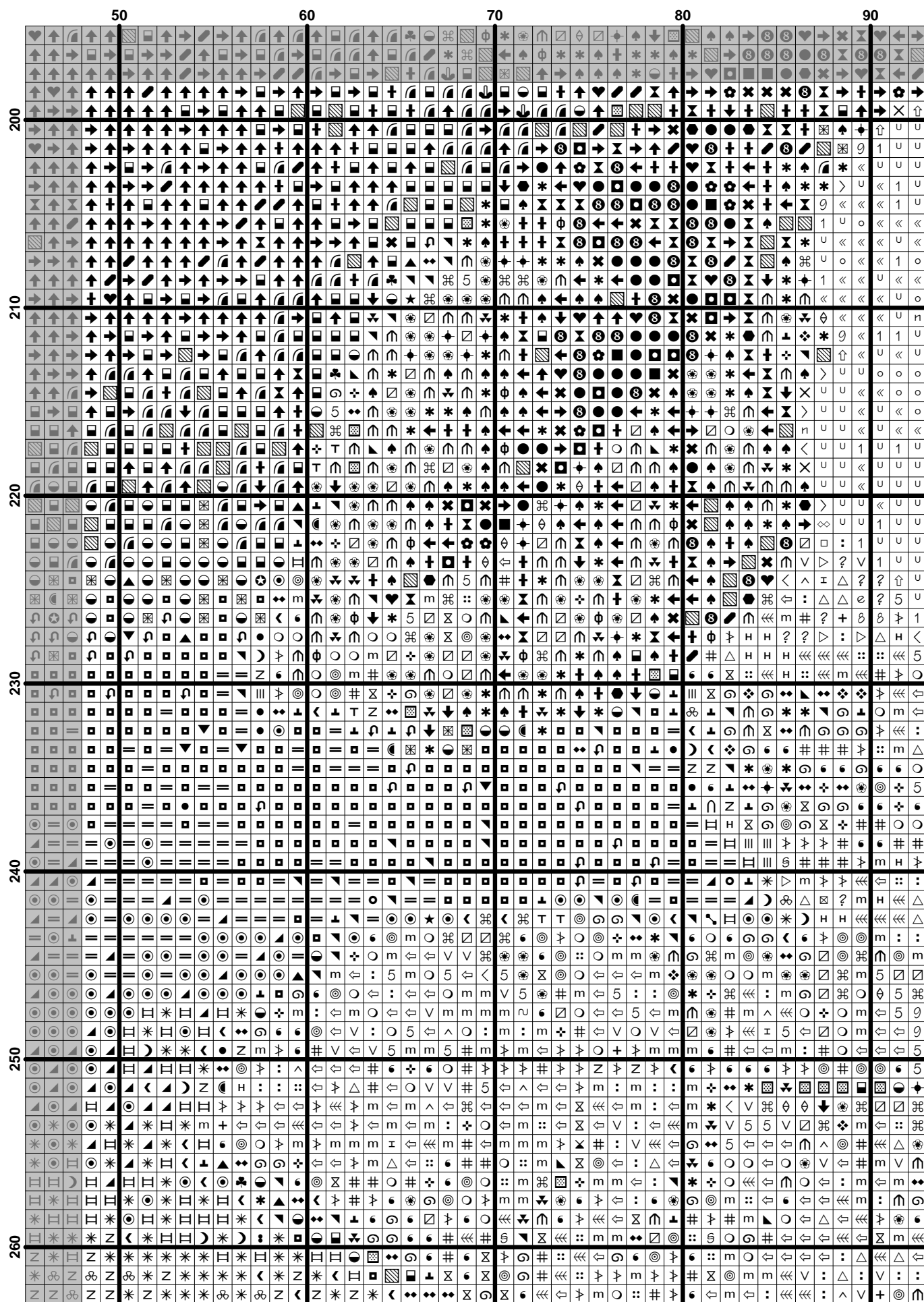












$$(39) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left(\sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

$$(40) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (41)$$

	180	190	200	210	220
200					
210					
220					
230					
240					
250					
260					

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

