

1670 No Ride Today (small)



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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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No Ride Today (small)

Stitch Count	
Horizontal:	296
Vertical:	237

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:	54	21,05	43	16,87	47	18,42	38	14,76	42	16,375	34	13,125
Including Margins:	70	28	59	23	63	25	54	21	58	23	50	20
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	75	29,47	60	23,61	63	24,55	50	19,68	31	12,27	25	9,84
Including Margins:	91	36	76	30	79	31	66	26	47	19	41	16
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	30	11,78	24	9,44	29	11,33	23	9,08	28	10,91	22	8,74
Including Margins:	46	18	40	16	45	18	39	16	44	17	38	15
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	27	10,52	21	8,43	25	9,82	20	7,87	23	9,2	18	7,38
Including Margins:	43	17	37	15	41	16	36	14	39	16	34	14

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

Symbol	DMC	Name
←	300	Mahogany-VY DK
■	310	Black
6	353	Peach
⌘	370	Mustard-MD
◀	371	Mustard
↶	372	Mustard-LT
▼	420	Hazelnut Brown-DK
▼	433	Brown-MD
■	434	Brown-LT
6	435	Brown-VY LT
8	436	Tan
∇	437	Tan-LT
⊕	522	Fern Green
◎	523	Fern Green-LT
..	524	Fern Green-VY LT
☾	535	Ash Gray-VY LT
9	543	Beige Brown-UL VY LT
■	610	Drab Brown-DK
✦	611	Drab Brown
∩	612	Drab Brown-LT
☆	613	Drab Brown-VY LT
♠	632	Desert Sand-UL VY DK
▲	640	Beige Gray-VY DK
↙	642	Beige Gray-DK
⊕	644	Beige Gray-MD
●	645	Beaver Gray-VY DK
⌒	646	Beaver Gray-DK
§	647	Beaver Gray-MD
⊕	648	Beaver Gray-LT
^	712	Cream
⌘	738	Tan-VY LT
8	739	Tan-UL VY LT
n	746	Off White
⌘	754	Peach-LT
☛	801	Coffee Brown-DK
±	822	Beige Gray-LT
▨	829	Golden Olive-VY DK
☾	838	Beige Brown-VY DK
✿	839	Beige Brown-DK
::	842	Beige Brown-VY LT
♯	869	Hazelnut Brown-VY DK
↑	898	Coffee Brown-VY DK
③	934	Black Avocado Green
♥	938	Coffee Brown-UL DK
3	945	Tawny
⇒	951	Tawny-LT
☾	975	Golden Brown-DK
✿	3011	Khaki Green-DK
↙	3012	Khaki Green-MD
×	3013	Khaki Green-LT
↓	3021	Brown Gray-VY DK
8	3023	Brown Gray-LT
▨	3024	Brown Gray-VY LT

⦿	3032	Mocha Brown-MD
⦿	3045	Yellow Beige-DK
⦿	3046	Yellow Beige-MD
∨	3047	Yellow Beige-LT
✕	3052	Green Gray-MD
⦿	3053	Green Gray
⦿	3064	Desert Sand
⦿	3072	Beaver Gray-VY LT
+	3362	Pine Green-DK
■	3371	Black Brown
↑	3770	Tawny-VY LT
+	3779	Terra Cotta-UL VY LT
▲	3781	Mocha Brown-DK
✱	3790	Beige Gray-UL DK
□	3823	Yellow-UL Pale
♠	3828	Hazelnut Brown
?	3856	Mahogany-UL VY LT
✱	3862	Mocha Beige-DK
◎	3863	Mocha Beige-MD
⦿	3864	Mocha Beige-LT
◀	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
1	1	White 1	746	Off White
u	1	White 1	3865	Winter White
⦿	300	Mahogany-VY DK	400	Mahogany-DK
✕	300	Mahogany-VY DK	898	Coffee Brown-VY DK
↓	300	Mahogany-VY DK	938	Coffee Brown-UL DK
✱	301	Mahogany-MD	420	Hazelnut Brown-DK
◀	301	Mahogany-MD	632	Desert Sand-UL VY DK
●	310	Black	934	Black Avocado Green
●	310	Black	938	Coffee Brown-UL DK
m	352	Coral-LT	754	Peach-LT
⦿	353	Peach	951	Tawny-LT
▷	353	Peach	3770	Tawny-VY LT
♡	353	Peach	3823	Yellow-UL Pale
⦿	356	Terra Cotta-MD	435	Brown-VY LT
✱	356	Terra Cotta-MD	3778	Terra Cotta-LT
◇	356	Terra Cotta-MD	3863	Mocha Beige-MD
✱	370	Mustard-MD	435	Brown-VY LT
☐	370	Mustard-MD	612	Drab Brown-LT
z	371	Mustard	435	Brown-VY LT
✱	371	Mustard	3863	Mocha Beige-MD
h	372	Mustard-LT	437	Tan-LT
∨	372	Mustard-LT	758	Terra Cotta-VY LT
◇	372	Mustard-LT	3064	Desert Sand
∨	402	Mahogany-VY LT	436	Tan
⦿	402	Mahogany-VY LT	437	Tan-LT
♠	420	Hazelnut Brown-DK	434	Brown-LT
✱	420	Hazelnut Brown-DK	435	Brown-VY LT

≡	420	Hazelnut Brown-DK	610	Drab Brown-DK
◦	420	Hazelnut Brown-DK	632	Desert Sand-UL VY DK
≡	420	Hazelnut Brown-DK	3828	Hazelnut Brown
▣	433	Brown-MD	610	Drab Brown-DK
●	433	Brown-MD	975	Golden Brown-DK
➤	435	Brown-VY LT	436	Tan
⬆	435	Brown-VY LT	3772	Desert Sand-VY DK
★	435	Brown-VY LT	3826	Golden Brown
☾	435	Brown-VY LT	3862	Mocha Beige-DK
≡	436	Tan	437	Tan-LT
✕	436	Tan	977	Golden Brown-LT
≡	436	Tan	3827	Golden Brown-Pale
◐	436	Tan	3828	Hazelnut Brown
◑	437	Tan-LT	676	Old Gold-LT
↑	437	Tan-LT	758	Terra Cotta-VY LT
⊕	451	Shell Gray-DK	503	Blue Green-MD
⊗	502	Blue Green	645	Beaver Gray-VY DK
⦿	503	Blue Green-MD	3861	Cocoa-LT
⊗	522	Fern Green	646	Beaver Gray-DK
⌒	524	Fern Green-VY LT	648	Beaver Gray-LT
⌒	524	Fern Green-VY LT	738	Tan-VY LT
#	524	Fern Green-VY LT	927	Gray Green-LT
≡	524	Fern Green-VY LT	3864	Mocha Beige-LT
≡	543	Beige Brown-UL VY LT	648	Beaver Gray-LT
4	543	Beige Brown-UL VY LT	822	Beige Gray-LT
◊	543	Beige Brown-UL VY LT	950	Desert Sand-LT
▀	610	Drab Brown-DK	611	Drab Brown
▶	610	Drab Brown-DK	632	Desert Sand-UL VY DK
✂	611	Drab Brown	3011	Khaki Green-DK
⚡	611	Drab Brown	3787	Brown Gray-DK
▲	611	Drab Brown	3862	Mocha Beige-DK
⌒	612	Drab Brown-LT	3032	Mocha Brown-MD
⊕	612	Drab Brown-LT	3772	Desert Sand-VY DK
◊	640	Beige Gray-VY DK	642	Beige Gray-DK
⊗	645	Beaver Gray-VY DK	646	Beaver Gray-DK
⌒	646	Beaver Gray-DK	926	Gray Green-MD
▣	647	Beaver Gray-MD	3022	Brown Gray-MD
▲	647	Beaver Gray-MD	3813	Blue Green-LT
≡	647	Beaver Gray-MD	3864	Mocha Beige-LT
✓	648	Beaver Gray-LT	955	Nile Green-LT
✓	648	Beaver Gray-LT	3813	Blue Green-LT
5	677	Old Gold-VY LT	738	Tan-VY LT
∞	712	Cream	746	Off White
)	712	Cream	822	Beige Gray-LT
L	712	Cream	3753	Antique Blue-UL VY LT
(712	Cream	3756	Baby Blue-UL VY LT
◊	712	Cream	3865	Winter White
▣	738	Tan-VY LT	739	Tan-UL VY LT
7	738	Tan-VY LT	754	Peach-LT
◊	738	Tan-VY LT	3782	Mocha Brown-LT
—	738	Tan-VY LT	3856	Mahogany-UL VY LT
△	745	Yellow-LT Pale	945	Tawny
➤	745	Yellow-LT Pale	3823	Yellow-UL Pale
∞	746	Off White	3770	Tawny-VY LT
◦	746	Off White	3823	Yellow-UL Pale
≡	758	Terra Cotta-VY LT	3778	Terra Cotta-LT
◊	772	Yellow Green-VY LT	822	Beige Gray-LT
e	772	Yellow Green-VY LT	950	Desert Sand-LT
▣	780	Topaz-UL VY DK	975	Golden Brown-DK

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♣	829	Golden Olive-VY DK	898	Coffee Brown-VY DK
♠	839	Beige Brown-DK	3362	Pine Green-DK
♠	841	Beige Brown-LT	3864	Mocha Beige-LT
♠	844	Beaver Brown-UL DK	3021	Brown Gray-VY DK
♠	869	Hazelnut Brown-VY DK	3781	Mocha Brown-DK
♣	898	Coffee Brown-VY DK	936	Avocado Green-VY DK
♦	898	Coffee Brown-VY DK	3031	Mocha Brown-VY DK
♠	898	Coffee Brown-VY DK	3781	Mocha Brown-DK
♠	934	Black Avocado Green	938	Coffee Brown-UL DK
✕	934	Black Avocado Green	3021	Brown Gray-VY DK
♠	934	Black Avocado Green	3799	Pewter Gray-VY DK
♠	935	Avocado Green-DK	938	Coffee Brown-UL DK
♠	936	Avocado Green-VY DK	3031	Mocha Brown-VY DK
♠	945	Tawny	951	Tawny-LT
:	945	Tawny	3823	Yellow-UL Pale
/	945	Tawny	3855	Autumn Gold-LT
<	948	Peach-VY LT	3823	Yellow-UL Pale
◇	955	Nile Green-LT	3024	Brown Gray-VY LT
τ	977	Golden Brown-LT	3828	Hazelnut Brown
☒	3011	Khaki Green-DK	3781	Mocha Brown-DK
➔	3021	Brown Gray-VY DK	3031	Mocha Brown-VY DK
♠	3021	Brown Gray-VY DK	3781	Mocha Brown-DK
♠	3021	Brown Gray-VY DK	3799	Pewter Gray-VY DK
//	3032	Mocha Brown-MD	3790	Beige Gray-UL DK
⊕	3052	Green Gray-MD	3053	Green Gray
♠	3052	Green Gray-MD	3362	Pine Green-DK
	3770	Tawny-VY LT	3823	Yellow-UL Pale
×	3778	Terra Cotta-LT	3828	Hazelnut Brown
⚙	3826	Golden Brown	3862	Mocha Beige-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	
1	White 1	125	49	119	46	107	42
300	Mahogany-VY DK	181	71	172	67	155	61
301	Mahogany-MD	34	13	32	12	29	11
310	Black	2208	869	2103	827	1893	745
352	Coral-LT	3	1	3	1	3	1
353	Peach	49	19	46	18	42	16
356	Terra Cotta-MD	16	6	15	5	14	5
370	Mustard-MD	103	40	98	38	88	34
371	Mustard	138	54	131	51	118	46
372	Mustard-LT	286	112	272	107	245	96
400	Mahogany-DK	6	2	5	1	5	1
402	Mahogany-VY LT	46	18	44	17	40	15
420	Hazelnut Brown-DK	218	85	208	81	187	73
433	Brown-MD	290	114	277	109	249	98
434	Brown-LT	98	38	93	36	84	33
435	Brown-VY LT	268	105	256	100	230	90
436	Tan	268	105	255	100	230	90
437	Tan-LT	272	107	259	101	233	91
451	Shell Gray-DK	20	7	19	7	17	6
502	Blue Green	9	3	9	3	8	3
503	Blue Green-MD	43	16	41	16	37	14
522	Fern Green	25	9	24	9	22	8
523	Fern Green-LT	9	3	9	3	8	3
524	Fern Green-VY LT	234	92	223	87	200	78
535	Ash Gray-VY LT	11	4	10	3	9	3
543	Beige Brown-UL VY LT	127	50	121	47	109	42
610	Drab Brown-DK	420	165	400	157	360	141
611	Drab Brown	329	129	313	123	282	111
612	Drab Brown-LT	280	110	266	104	240	94
613	Drab Brown-VY LT	185	72	176	69	159	62
632	Desert Sand-UL VY DK	151	59	144	56	129	50
640	Beige Gray-VY DK	150	59	143	56	128	50
642	Beige Gray-DK	145	57	138	54	124	48
644	Beige Gray-MD	88	34	84	33	76	29
645	Beaver Gray-VY DK	89	35	84	33	76	29
646	Beaver Gray-DK	133	52	127	50	114	44
647	Beaver Gray-MD	116	45	111	43	100	39
648	Beaver Gray-LT	72	28	69	27	62	24
676	Old Gold-LT	19	7	19	7	17	6
677	Old Gold-VY LT	32	12	30	11	27	10
712	Cream	317	124	302	118	271	106
738	Tan-VY LT	541	212	515	202	464	182
739	Tan-UL VY LT	184	72	176	69	158	62
745	Yellow-LT Pale	18	7	17	6	16	6
746	Off White	680	267	648	255	583	229
754	Peach-LT	47	18	45	17	40	15
758	Terra Cotta-VY LT	80	31	76	29	68	26
772	Yellow Green-VY LT	128	50	122	48	109	42
780	Topaz-UL VY DK	6	2	6	2	6	2
801	Coffee Brown-DK	121	47	115	45	104	40
822	Beige Gray-LT	229	90	218	85	197	77
829	Golden Olive-VY DK	114	44	109	42	98	38
838	Beige Brown-VY DK	47	18	44	17	40	15

839	Beige Brown-DK	50	19	48	18	43	16
841	Beige Brown-LT	57	22	54	21	49	19
842	Beige Brown-VY LT	101	39	96	37	86	33
844	Beaver Brown-UL DK	11	4	10	3	9	3
869	Hazelnut Brown-VY DK	138	54	131	51	118	46
898	Coffee Brown-VY DK	526	207	501	197	451	177
926	Gray Green-MD	26	10	24	9	22	8
927	Gray Green-LT	11	4	10	3	9	3
934	Black Avocado Green	660	259	629	247	566	222
935	Avocado Green-DK	64	25	61	24	55	21
936	Avocado Green-VY DK	41	16	39	15	35	13
938	Coffee Brown-UL DK	1925	757	1833	721	1650	649
945	Tawny	83	32	79	31	71	27
948	Peach-VY LT	52	20	49	19	45	17
950	Desert Sand-LT	106	41	101	39	91	35
951	Tawny-LT	81	31	77	30	69	27
955	Nile Green-LT	18	7	17	6	15	5
975	Golden Brown-DK	117	46	112	44	101	39
977	Golden Brown-LT	26	10	25	9	23	9
3011	Khaki Green-DK	117	46	112	44	100	39
3012	Khaki Green-MD	32	12	30	11	27	10
3013	Khaki Green-LT	23	9	21	8	19	7
3021	Brown Gray-VY DK	190	74	181	71	163	64
3022	Brown Gray-MD	16	6	15	5	14	5
3023	Brown Gray-LT	14	5	14	5	12	4
3024	Brown Gray-VY LT	22	8	21	8	19	7
3031	Mocha Brown-VY DK	137	53	130	51	117	46
3032	Mocha Brown-MD	208	81	198	77	178	70
3045	Yellow Beige-DK	57	22	54	21	49	19
3046	Yellow Beige-MD	22	8	21	8	19	7
3047	Yellow Beige-LT	83	32	79	31	71	27
3052	Green Gray-MD	67	26	64	25	57	22
3053	Green Gray	47	18	44	17	40	15
3064	Desert Sand	97	38	92	36	83	32
3072	Beaver Gray-VY LT	45	17	43	16	38	14
3362	Pine Green-DK	39	15	37	14	34	13
3371	Black Brown	2117	833	2016	793	1814	714
3753	Antique Blue-UL VY LT	44	17	42	16	38	14
3756	Baby Blue-UL VY LT	53	20	51	20	46	18
3770	Tawny-VY LT	178	70	169	66	152	59
3772	Desert Sand-VY DK	71	27	68	26	61	24
3778	Terra Cotta-LT	23	9	22	8	20	7
3779	Terra Cotta-UL VY LT	5	1	5	1	4	1
3781	Mocha Brown-DK	410	161	391	153	352	138
3782	Mocha Brown-LT	72	28	69	27	62	24
3787	Brown Gray-DK	41	16	39	15	35	13
3790	Beige Gray-UL DK	92	36	88	34	79	31
3799	Pewter Gray-VY DK	29	11	28	11	25	9
3813	Blue Green-LT	25	9	23	9	21	8
3823	Yellow-UL Pale	289	113	275	108	248	97
3826	Golden Brown	35	13	33	12	30	11
3827	Golden Brown-Pale	23	9	22	8	20	7
3828	Hazelnut Brown	160	62	152	59	137	53
3855	Autumn Gold-LT	7	2	6	2	6	2
3856	Mahogany-UL VY LT	51	20	48	18	44	17
3861	Cocoa-LT	24	9	23	9	21	8
3862	Mocha Beige-DK	208	81	199	78	179	70
3863	Mocha Beige-MD	193	75	184	72	165	64
3864	Mocha Beige-LT	259	101	246	96	222	87

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3865	Winter White	160	62	152	59	137	53
3866	Mocha Brown-UL VY LT	63	24	60	23	54	21
Ecru	Ecru	113	44	108	42	97	38

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
1	White 1	193	76	161	63	80	32
300	Mahogany-VY DK	279	110	233	92	116	46
301	Mahogany-MD	52	20	44	17	22	8
310	Black	3407	1341	2840	1118	1420	559
352	Coral-LT	5	2	5	2	2	1
353	Peach	76	29	63	24	32	12
356	Terra Cotta-MD	25	9	21	8	11	4
370	Mustard-MD	158	61	132	51	66	26
371	Mustard	212	83	177	69	89	35
372	Mustard-LT	441	173	368	144	184	72
400	Mahogany-DK	9	2	8	2	4	1
402	Mahogany-VY LT	72	27	60	23	30	11
420	Hazelnut Brown-DK	337	131	281	110	140	55
433	Brown-MD	448	176	374	147	187	74
434	Brown-LT	151	59	126	50	63	25
435	Brown-VY LT	414	162	345	135	173	68
436	Tan	414	162	345	135	173	68
437	Tan-LT	419	164	350	137	175	68
451	Shell Gray-DK	31	11	26	9	13	5
502	Blue Green	14	5	12	5	6	2
503	Blue Green-MD	67	25	56	21	28	11
522	Fern Green	40	14	33	12	17	6
523	Fern Green-LT	14	5	12	5	6	2
524	Fern Green-VY LT	360	140	300	117	150	59
535	Ash Gray-VY LT	16	5	14	5	7	2
543	Beige Brown-UL VY LT	196	76	164	63	82	32
610	Drab Brown-DK	648	254	540	212	270	106
611	Drab Brown	508	200	423	167	212	83
612	Drab Brown-LT	432	169	360	141	180	71
613	Drab Brown-VY LT	286	112	239	93	119	47
632	Desert Sand-UL VY DK	232	90	194	75	97	38
640	Beige Gray-VY DK	230	90	192	75	96	38
642	Beige Gray-DK	223	86	186	72	93	36
644	Beige Gray-MD	137	52	114	44	57	22
645	Beaver Gray-VY DK	137	52	114	44	57	22
646	Beaver Gray-DK	205	79	171	66	86	33
647	Beaver Gray-MD	180	70	150	59	75	29
648	Beaver Gray-LT	112	43	93	36	47	18
676	Old Gold-LT	31	11	26	9	13	5
677	Old Gold-VY LT	49	18	41	15	20	8
712	Cream	488	191	407	159	203	80
738	Tan-VY LT	835	328	696	273	348	137
739	Tan-UL VY LT	284	112	237	93	119	47
745	Yellow-LT Pale	29	11	24	9	12	5
746	Off White	1049	412	875	344	437	172
754	Peach-LT	72	27	60	23	30	11
758	Terra Cotta-VY LT	122	47	102	39	51	20
772	Yellow Green-VY LT	196	76	164	63	82	32
780	Topaz-UL VY DK	11	4	9	3	5	2

801	Coffee Brown-DK	187	72	156	60	78	30
822	Beige Gray-LT	355	139	296	116	148	58
829	Golden Olive-VY DK	176	68	147	57	74	29
838	Beige Brown-VY DK	72	27	60	23	30	11
839	Beige Brown-DK	77	29	65	24	32	12
841	Beige Brown-LT	88	34	74	29	37	14
842	Beige Brown-VY LT	155	59	129	50	65	25
844	Beaver Brown-UL DK	16	5	14	5	7	2
869	Hazelnut Brown-VY DK	212	83	177	69	89	35
898	Coffee Brown-VY DK	812	319	677	266	338	133
926	Gray Green-MD	40	14	33	12	17	6
927	Gray Green-LT	16	5	14	5	7	2
934	Black Avocado Green	1019	400	849	333	425	167
935	Avocado Green-DK	99	38	83	32	41	16
936	Avocado Green-VY DK	63	23	53	20	26	10
938	Coffee Brown-UL DK	2970	1168	2475	974	1238	487
945	Tawny	128	49	107	41	53	20
948	Peach-VY LT	81	31	68	26	34	13
950	Desert Sand-LT	164	63	137	53	68	26
951	Tawny-LT	124	49	104	41	52	20
955	Nile Green-LT	27	9	23	8	11	4
975	Golden Brown-DK	182	70	152	59	76	29
977	Golden Brown-LT	41	16	35	14	17	7
3011	Khaki Green-DK	180	70	150	59	75	29
3012	Khaki Green-MD	49	18	41	15	20	8
3013	Khaki Green-LT	34	13	29	11	14	5
3021	Brown Gray-VY DK	293	115	245	96	122	48
3022	Brown Gray-MD	25	9	21	8	11	4
3023	Brown Gray-LT	22	7	18	6	9	3
3024	Brown Gray-VY LT	34	13	29	11	14	5
3031	Mocha Brown-VY DK	211	83	176	69	88	35
3032	Mocha Brown-MD	320	126	267	105	134	53
3045	Yellow Beige-DK	88	34	74	29	37	14
3046	Yellow Beige-MD	34	13	29	11	14	5
3047	Yellow Beige-LT	128	49	107	41	53	20
3052	Green Gray-MD	103	40	86	33	43	17
3053	Green Gray	72	27	60	23	30	11
3064	Desert Sand	149	58	125	48	62	24
3072	Beaver Gray-VY LT	68	25	57	21	29	11
3362	Pine Green-DK	61	23	51	20	26	10
3371	Black Brown	3265	1285	2721	1071	1361	536
3753	Antique Blue-UL VY LT	68	25	57	21	29	11
3756	Baby Blue-UL VY LT	83	32	69	27	35	14
3770	Tawny-VY LT	274	106	228	89	114	44
3772	Desert Sand-VY DK	110	43	92	36	46	18
3778	Terra Cotta-LT	36	13	30	11	15	5
3779	Terra Cotta-UL VY LT	7	2	6	2	3	1
3781	Mocha Brown-DK	634	248	528	207	264	104
3782	Mocha Brown-LT	112	43	93	36	47	18
3787	Brown Gray-DK	63	23	53	20	26	10
3790	Beige Gray-UL DK	142	56	119	47	59	23
3799	Pewter Gray-VY DK	45	16	38	14	19	7
3813	Blue Green-LT	38	14	32	12	16	6
3823	Yellow-UL Pale	446	175	372	146	186	73
3826	Golden Brown	54	20	45	17	23	8
3827	Golden Brown-Pale	36	13	30	11	15	5
3828	Hazelnut Brown	247	95	206	80	103	40
3855	Autumn Gold-LT	11	4	9	3	5	2
3856	Mahogany-UL VY LT	79	31	66	26	33	13

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3861	Cocoa-LT	38	14	32	12	16	6
3862	Mocha Beige-DK	322	126	269	105	134	53
3863	Mocha Beige-MD	297	115	248	96	124	48
3864	Mocha Beige-LT	400	157	333	131	167	65
3865	Winter White	247	95	206	80	103	40
3866	Mocha Brown-UL VY LT	97	38	81	32	41	16
Ecru	Ecru	175	68	146	57	73	29

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
1	White 1	77	30	74	29	71	28
300	Mahogany-VY DK	112	44	107	42	103	41
301	Mahogany-MD	21	8	20	8	19	7
310	Black	1363	536	1311	516	1262	497
352	Coral-LT	2	1	2	1	2	1
353	Peach	30	12	29	11	28	11
356	Terra Cotta-MD	10	4	10	3	9	3
370	Mustard-MD	63	24	61	24	59	23
371	Mustard	85	33	82	32	79	31
372	Mustard-LT	176	69	170	66	163	64
400	Mahogany-DK	4	1	3	1	3	1
402	Mahogany-VY LT	29	11	28	10	27	10
420	Hazelnut Brown-DK	135	53	129	51	125	49
433	Brown-MD	179	71	172	68	166	65
434	Brown-LT	60	24	58	23	56	22
435	Brown-VY LT	166	65	159	62	153	60
436	Tan	166	65	159	62	153	60
437	Tan-LT	168	66	161	63	155	61
451	Shell Gray-DK	12	4	12	4	11	4
502	Blue Green	6	2	6	2	5	2
503	Blue Green-MD	27	10	26	10	25	9
522	Fern Green	16	6	15	6	15	5
523	Fern Green-LT	6	2	6	2	5	2
524	Fern Green-VY LT	144	56	138	54	133	52
535	Ash Gray-VY LT	6	2	6	2	6	2
543	Beige Brown-UL VY LT	78	30	75	29	73	28
610	Drab Brown-DK	259	102	249	98	240	94
611	Drab Brown	203	80	195	77	188	74
612	Drab Brown-LT	173	68	166	65	160	63
613	Drab Brown-VY LT	114	45	110	43	106	41
632	Desert Sand-UL VY DK	93	36	89	35	86	33
640	Beige Gray-VY DK	92	36	89	35	85	33
642	Beige Gray-DK	89	35	86	33	83	32
644	Beige Gray-MD	55	21	53	20	51	19
645	Beaver Gray-VY DK	55	21	53	20	51	19
646	Beaver Gray-DK	82	32	79	30	76	29
647	Beaver Gray-MD	72	28	69	27	67	26
648	Beaver Gray-LT	45	17	43	17	41	16
676	Old Gold-LT	12	4	12	4	11	4
677	Old Gold-VY LT	19	7	19	7	18	7
712	Cream	195	76	188	73	181	71
738	Tan-VY LT	334	131	321	126	309	121
739	Tan-UL VY LT	114	45	109	43	105	41
745	Yellow-LT Pale	12	4	11	4	11	4
746	Off White	420	165	404	159	389	153

754	Peach-LT	29	11	28	10	27	10
758	Terra Cotta-VY LT	49	19	47	18	45	17
772	Yellow Green-VY LT	78	30	75	29	73	28
780	Topaz-UL VY DK	4	1	4	1	4	1
801	Coffee Brown-DK	75	29	72	28	69	27
822	Beige Gray-LT	142	55	136	53	131	51
829	Golden Olive-VY DK	71	27	68	26	65	25
838	Beige Brown-VY DK	29	11	28	10	27	10
839	Beige Brown-DK	31	12	30	11	29	11
841	Beige Brown-LT	35	14	34	13	33	13
842	Beige Brown-VY LT	62	24	60	23	57	22
844	Beaver Brown-UL DK	6	2	6	2	6	2
869	Hazelnut Brown-VY DK	85	33	82	32	79	31
898	Coffee Brown-VY DK	325	127	312	123	301	118
926	Gray Green-MD	16	6	15	6	15	5
927	Gray Green-LT	6	2	6	2	6	2
934	Black Avocado Green	408	160	392	154	377	148
935	Avocado Green-DK	40	15	38	15	37	14
936	Avocado Green-VY DK	25	9	24	9	23	9
938	Coffee Brown-UL DK	1188	467	1142	449	1100	433
945	Tawny	51	19	49	19	47	18
948	Peach-VY LT	32	12	31	12	30	11
950	Desert Sand-LT	66	25	63	24	61	23
951	Tawny-LT	50	19	48	19	46	18
955	Nile Green-LT	11	4	10	3	10	3
975	Golden Brown-DK	73	28	70	27	67	26
977	Golden Brown-LT	17	6	16	6	15	6
3011	Khaki Green-DK	72	28	69	27	67	26
3012	Khaki Green-MD	19	7	19	7	18	7
3013	Khaki Green-LT	14	5	13	5	13	5
3021	Brown Gray-VY DK	117	46	113	44	109	43
3022	Brown Gray-MD	10	4	10	3	9	3
3023	Brown Gray-LT	9	3	8	3	8	3
3024	Brown Gray-VY LT	14	5	13	5	13	5
3031	Mocha Brown-VY DK	84	33	81	32	78	31
3032	Mocha Brown-MD	128	50	123	48	119	47
3045	Yellow Beige-DK	35	14	34	13	33	13
3046	Yellow Beige-MD	14	5	13	5	13	5
3047	Yellow Beige-LT	51	19	49	19	47	18
3052	Green Gray-MD	41	16	39	15	38	15
3053	Green Gray	29	11	28	10	27	10
3064	Desert Sand	60	23	57	22	55	21
3072	Beaver Gray-VY LT	27	10	26	10	25	9
3362	Pine Green-DK	24	9	24	9	23	9
3371	Black Brown	1306	514	1256	494	1209	476
3753	Antique Blue-UL VY LT	27	10	26	10	25	9
3756	Baby Blue-UL VY LT	33	13	32	12	31	12
3770	Tawny-VY LT	109	42	105	41	101	39
3772	Desert Sand-VY DK	44	17	42	17	41	16
3778	Terra Cotta-LT	14	5	14	5	13	5
3779	Terra Cotta-UL VY LT	3	1	3	1	3	1
3781	Mocha Brown-DK	253	99	244	96	235	92
3782	Mocha Brown-LT	45	17	43	17	41	16
3787	Brown Gray-DK	25	9	24	9	23	9
3790	Beige Gray-UL DK	57	22	55	21	53	21
3799	Pewter Gray-VY DK	18	6	17	6	17	6
3813	Blue Green-LT	15	6	15	6	14	5
3823	Yellow-UL Pale	179	70	172	67	165	65
3826	Golden Brown	22	8	21	8	20	7

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3827	Golden Brown-Pale	14	5	14	5	13	5
3828	Hazelnut Brown	99	38	95	37	91	35
3855	Autumn Gold-LT	4	1	4	1	4	1
3856	Mahogany-UL VY LT	32	12	30	12	29	11
3861	Cocoa-LT	15	6	15	6	14	5
3862	Mocha Beige-DK	129	50	124	48	119	47
3863	Mocha Beige-MD	119	46	114	44	110	43
3864	Mocha Beige-LT	160	63	154	60	148	58
3865	Winter White	99	38	95	37	91	35
3866	Mocha Brown-UL VY LT	39	15	37	15	36	14
Ecru	Ecru	70	27	67	26	65	25

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
1	White 1	69	27	64	25	60	24
300	Mahogany-VY DK	100	39	93	37	87	34
301	Mahogany-MD	19	7	17	7	16	6
310	Black	1217	479	1136	447	1065	419
352	Coral-LT	2	1	2	1	2	1
353	Peach	27	10	25	10	24	9
356	Terra Cotta-MD	9	3	8	3	8	3
370	Mustard-MD	57	22	53	20	50	19
371	Mustard	76	30	71	28	66	26
372	Mustard-LT	158	62	147	58	138	54
400	Mahogany-DK	3	1	3	1	3	1
402	Mahogany-VY LT	26	10	24	9	23	8
420	Hazelnut Brown-DK	120	47	112	44	105	41
433	Brown-MD	160	63	149	59	140	55
434	Brown-LT	54	21	50	20	47	19
435	Brown-VY LT	148	58	138	54	129	51
436	Tan	148	58	138	54	129	51
437	Tan-LT	150	59	140	55	131	51
451	Shell Gray-DK	11	4	10	4	10	3
502	Blue Green	5	2	5	2	5	2
503	Blue Green-MD	24	9	22	8	21	8
522	Fern Green	14	5	13	5	12	5
523	Fern Green-LT	5	2	5	2	5	2
524	Fern Green-VY LT	129	50	120	47	113	44
535	Ash Gray-VY LT	6	2	5	2	5	2
543	Beige Brown-UL VY LT	70	27	65	25	61	24
610	Drab Brown-DK	231	91	216	85	203	79
611	Drab Brown	181	71	169	67	159	62
612	Drab Brown-LT	154	60	144	56	135	53
613	Drab Brown-VY LT	102	40	95	37	89	35
632	Desert Sand-UL VY DK	83	32	77	30	73	28
640	Beige Gray-VY DK	82	32	77	30	72	28
642	Beige Gray-DK	80	31	74	29	70	27
644	Beige Gray-MD	49	19	46	17	43	16
645	Beaver Gray-VY DK	49	19	46	17	43	16
646	Beaver Gray-DK	73	28	68	26	64	25
647	Beaver Gray-MD	64	25	60	23	56	22
648	Beaver Gray-LT	40	15	37	14	35	14
676	Old Gold-LT	11	4	10	4	10	3
677	Old Gold-VY LT	17	6	16	6	15	6
712	Cream	174	68	163	64	152	60

738	Tan-VY LT	298	117	278	109	261	102
739	Tan-UL VY LT	102	40	95	37	89	35
745	Yellow-LT Pale	10	4	10	4	9	3
746	Off White	375	147	350	137	328	129
754	Peach-LT	26	10	24	9	23	8
758	Terra Cotta-VY LT	44	17	41	16	38	15
772	Yellow Green-VY LT	70	27	65	25	61	24
780	Topaz-UL VY DK	4	1	4	1	3	1
801	Coffee Brown-DK	67	26	62	24	59	23
822	Beige Gray-LT	127	50	118	46	111	43
829	Golden Olive-VY DK	63	24	59	23	55	21
838	Beige Brown-VY DK	26	10	24	9	23	8
839	Beige Brown-DK	28	10	26	10	24	9
841	Beige Brown-LT	32	12	29	11	28	11
842	Beige Brown-VY LT	55	21	52	20	48	19
844	Beaver Brown-UL DK	6	2	5	2	5	2
869	Hazelnut Brown-VY DK	76	30	71	28	66	26
898	Coffee Brown-VY DK	290	114	271	106	254	100
926	Gray Green-MD	14	5	13	5	12	5
927	Gray Green-LT	6	2	5	2	5	2
934	Black Avocado Green	364	143	340	133	318	125
935	Avocado Green-DK	35	14	33	13	31	12
936	Avocado Green-VY DK	23	8	21	8	20	7
938	Coffee Brown-UL DK	1061	417	990	389	928	365
945	Tawny	46	17	43	16	40	15
948	Peach-VY LT	29	11	27	10	25	10
950	Desert Sand-LT	59	23	55	21	51	20
951	Tawny-LT	44	17	41	16	39	15
955	Nile Green-LT	10	3	9	3	8	3
975	Golden Brown-DK	65	25	61	23	57	22
977	Golden Brown-LT	15	6	14	5	13	5
3011	Khaki Green-DK	64	25	60	23	56	22
3012	Khaki Green-MD	17	6	16	6	15	6
3013	Khaki Green-LT	12	5	11	4	11	4
3021	Brown Gray-VY DK	105	41	98	38	92	36
3022	Brown Gray-MD	9	3	8	3	8	3
3023	Brown Gray-LT	8	3	7	2	7	2
3024	Brown Gray-VY LT	12	5	11	4	11	4
3031	Mocha Brown-VY DK	75	30	70	28	66	26
3032	Mocha Brown-MD	114	45	107	42	100	39
3045	Yellow Beige-DK	32	12	29	11	28	11
3046	Yellow Beige-MD	12	5	11	4	11	4
3047	Yellow Beige-LT	46	17	43	16	40	15
3052	Green Gray-MD	37	14	34	13	32	12
3053	Green Gray	26	10	24	9	23	8
3064	Desert Sand	53	21	50	19	47	18
3072	Beaver Gray-VY LT	24	9	23	8	21	8
3362	Pine Green-DK	22	8	20	8	19	7
3371	Black Brown	1166	459	1088	428	1020	402
3753	Antique Blue-UL VY LT	24	9	23	8	21	8
3756	Baby Blue-UL VY LT	30	12	28	11	26	10
3770	Tawny-VY LT	98	38	91	35	86	33
3772	Desert Sand-VY DK	39	15	37	14	34	14
3778	Terra Cotta-LT	13	5	12	4	11	4
3779	Terra Cotta-UL VY LT	3	1	2	1	2	1
3781	Mocha Brown-DK	226	89	211	83	198	78
3782	Mocha Brown-LT	40	15	37	14	35	14
3787	Brown Gray-DK	23	8	21	8	20	7
3790	Beige Gray-UL DK	51	20	47	19	44	17

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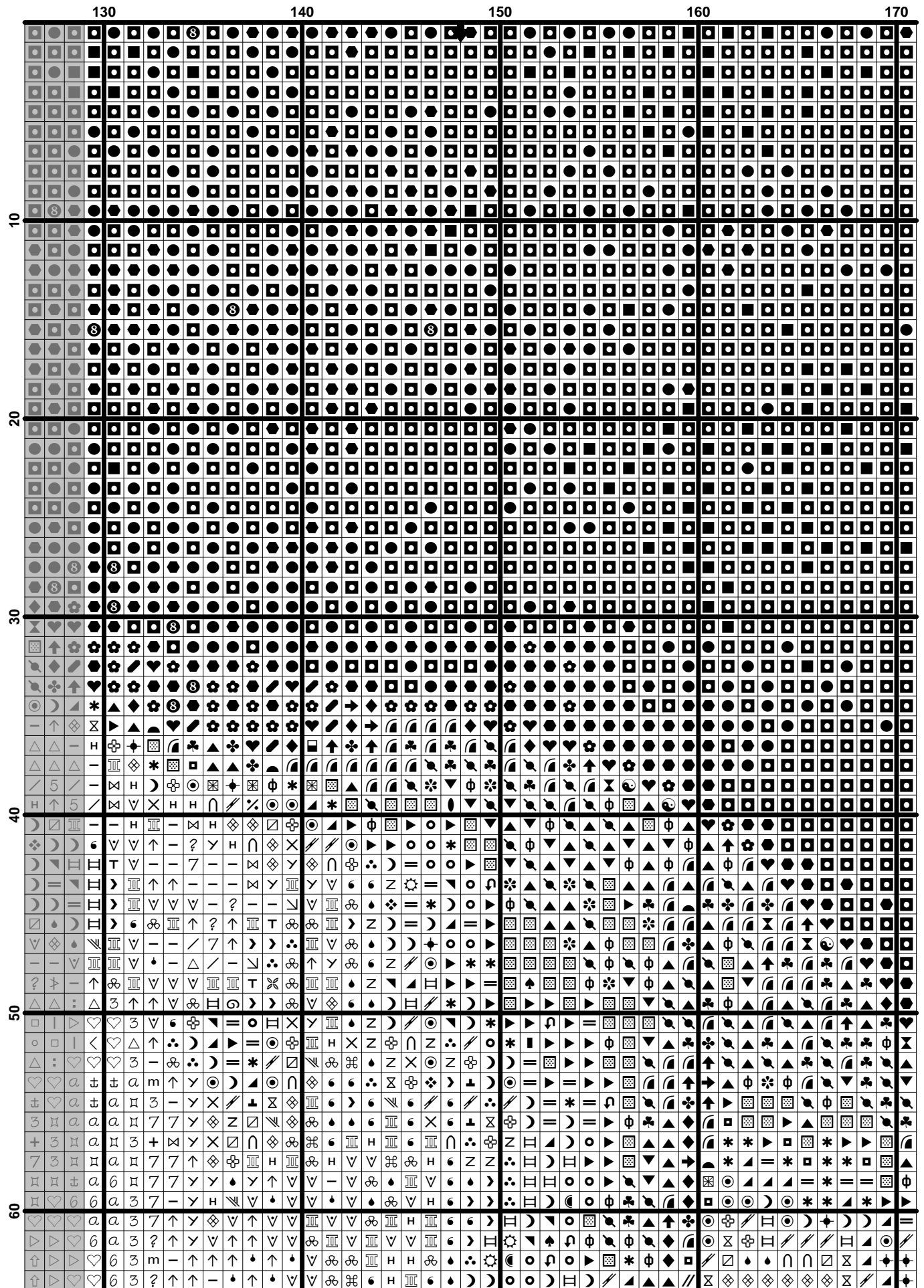
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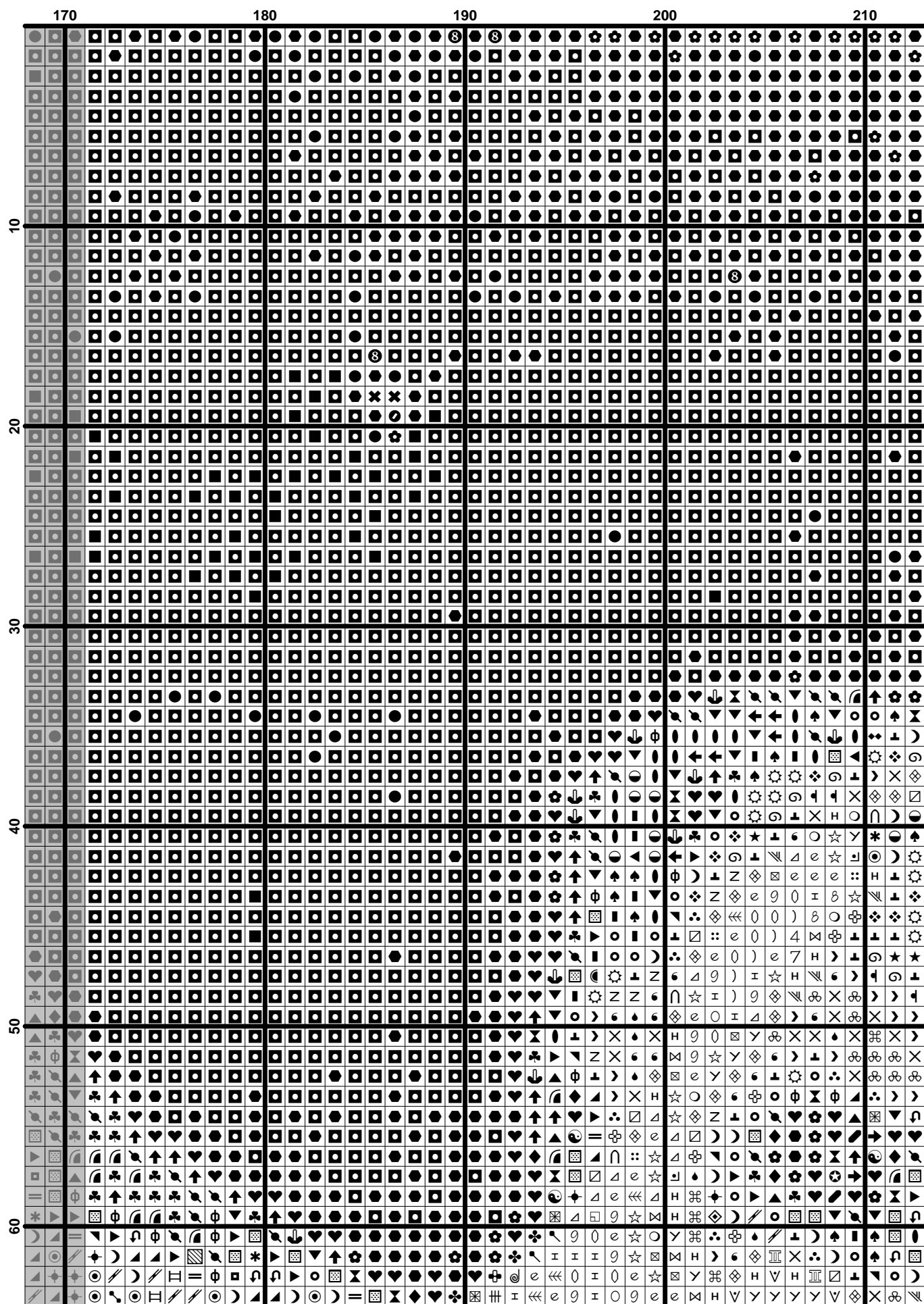
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3823	Yellow-UL Pale	159	62	149	58	140	55
3826	Golden Brown	19	7	18	7	17	6
3827	Golden Brown-Pale	13	5	12	4	11	4
3828	Hazelnut Brown	88	34	82	32	77	30
3855	Autumn Gold-LT	4	1	4	1	3	1
3856	Mahogany-UL VY LT	28	11	26	10	25	10
3861	Cocoa-LT	14	5	13	5	12	5
3862	Mocha Beige-DK	115	45	107	42	101	39
3863	Mocha Beige-MD	106	41	99	38	93	36
3864	Mocha Beige-LT	143	56	133	52	125	49
3865	Winter White	88	34	82	32	77	30
3866	Mocha Brown-UL VY LT	35	14	32	13	30	12
Ecru	Ecru	62	24	58	23	55	21

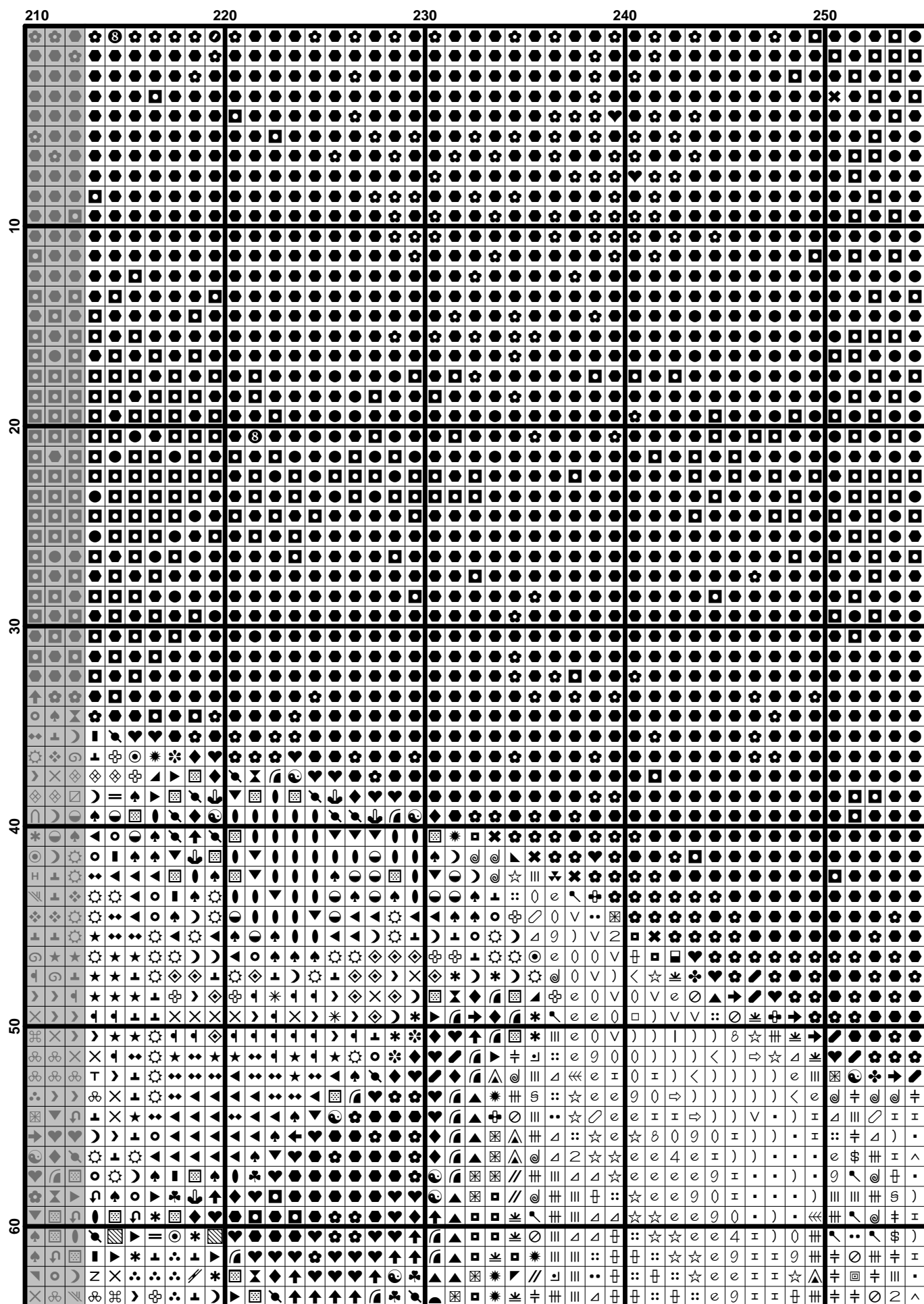
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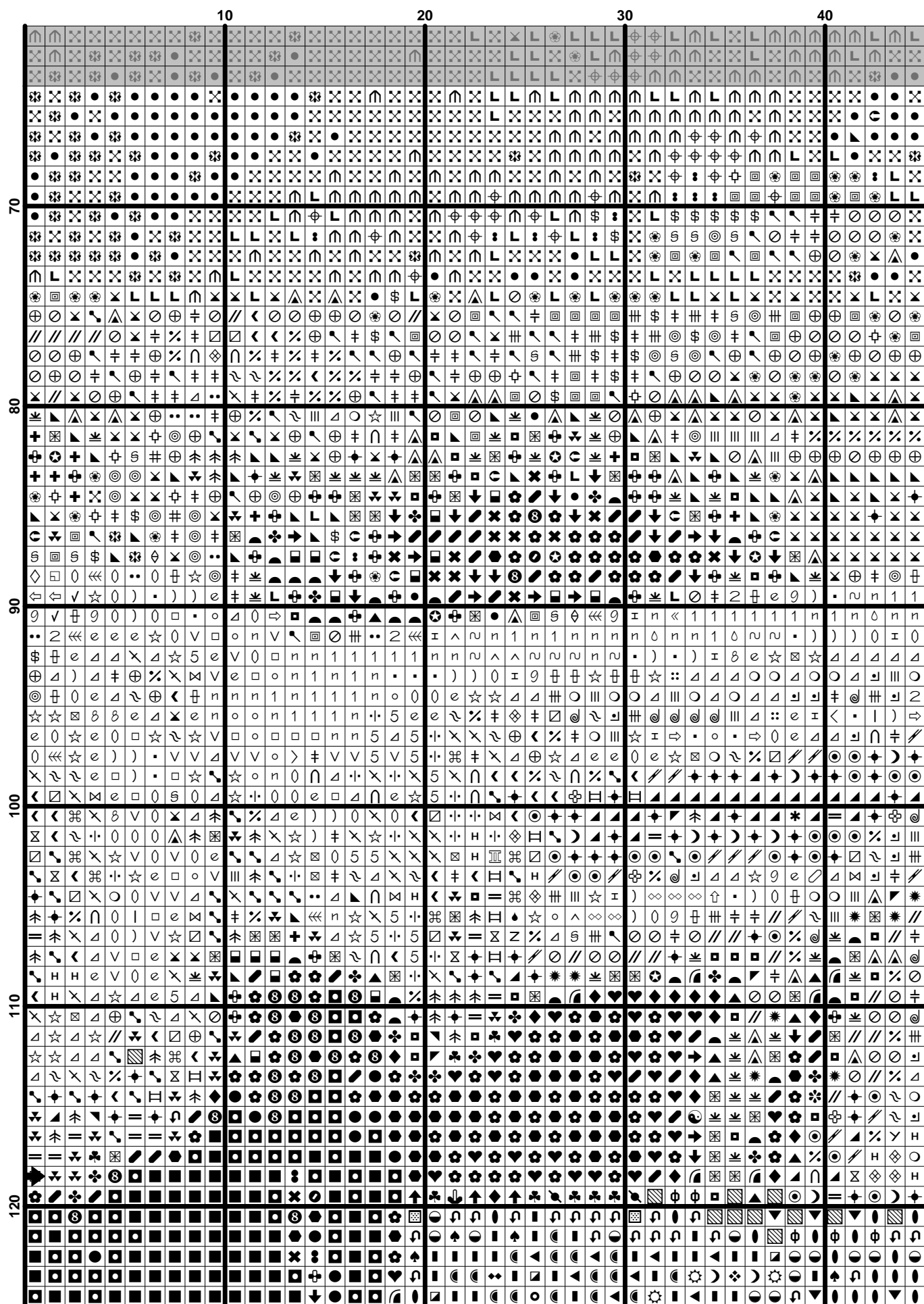
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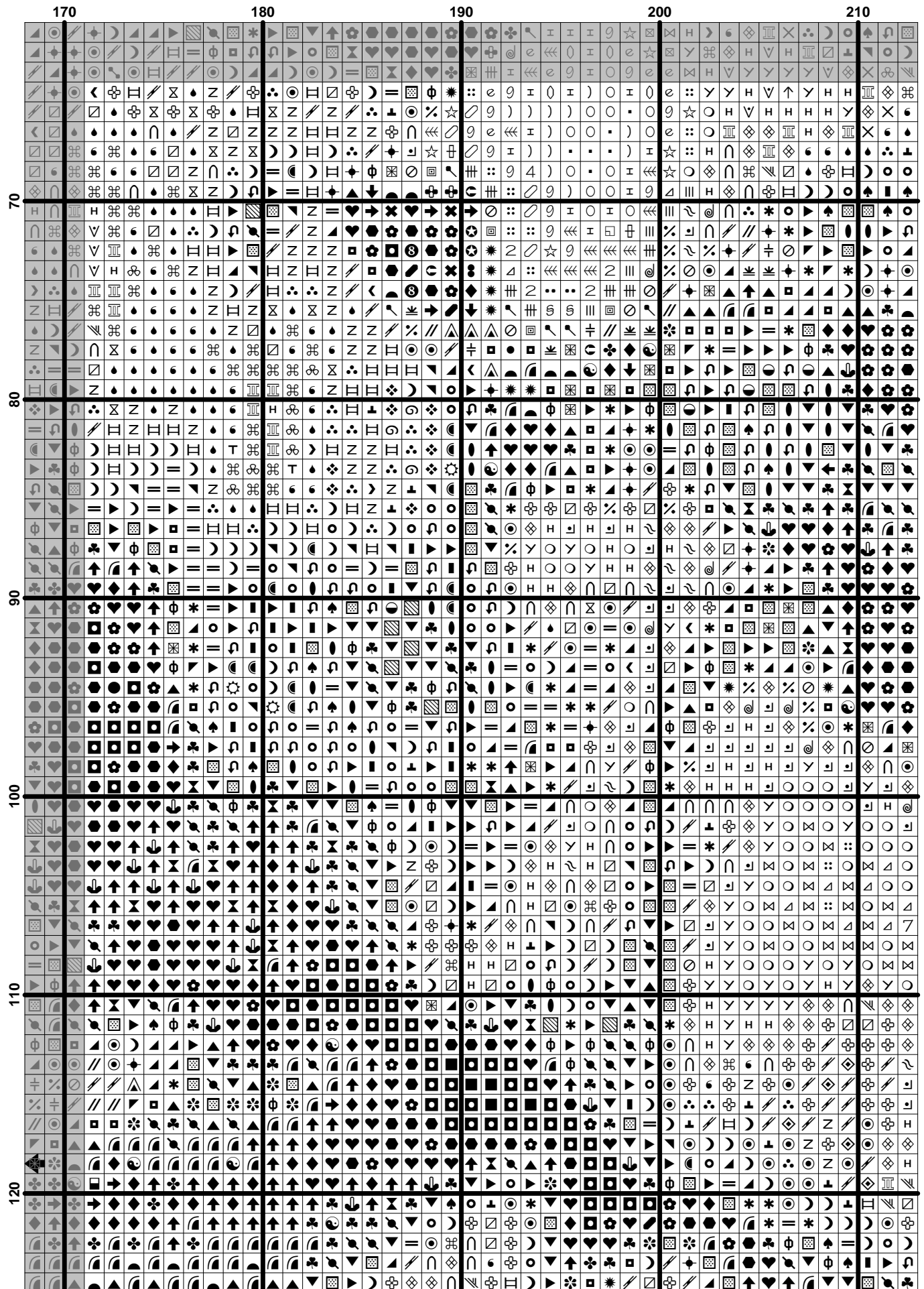
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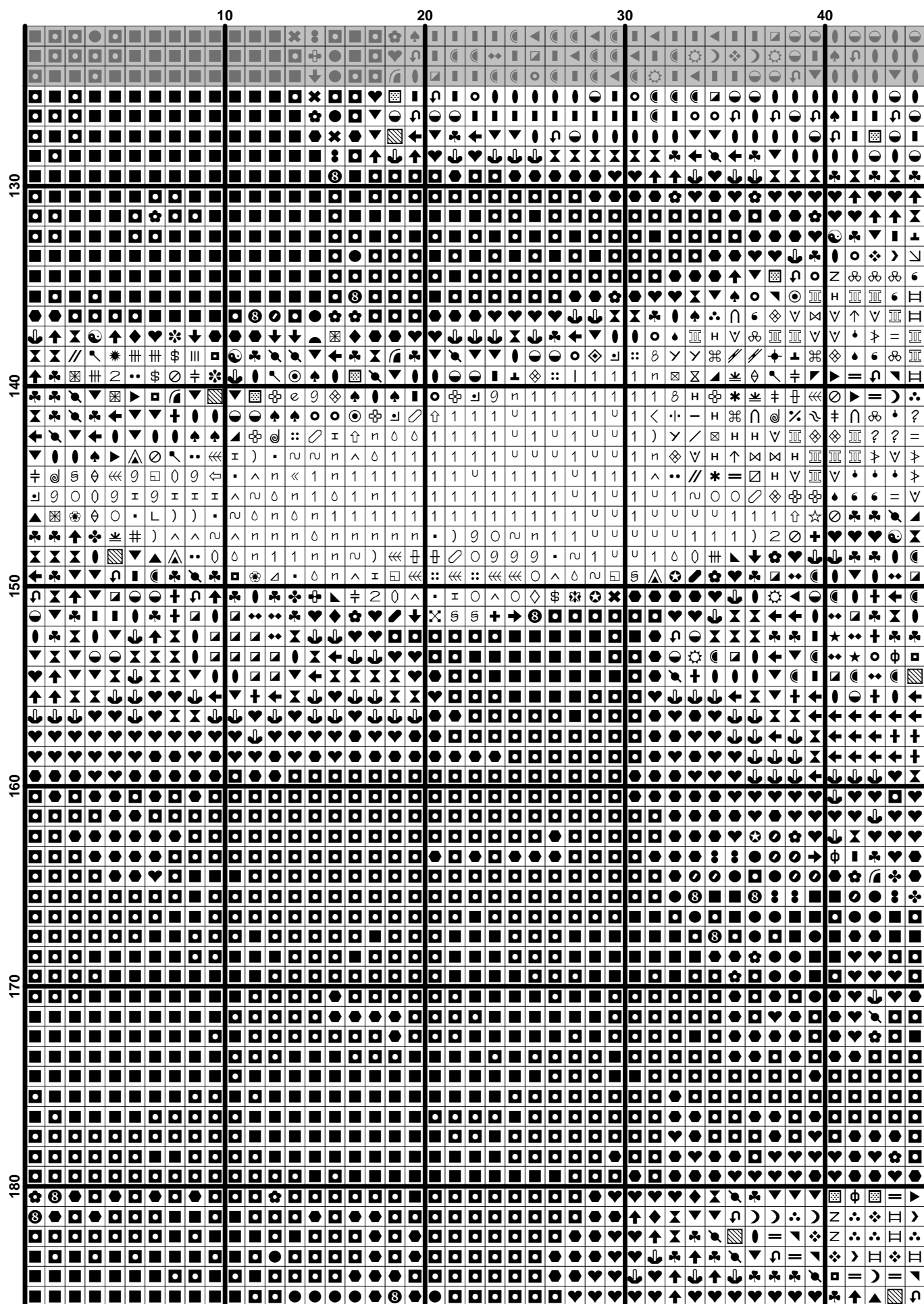
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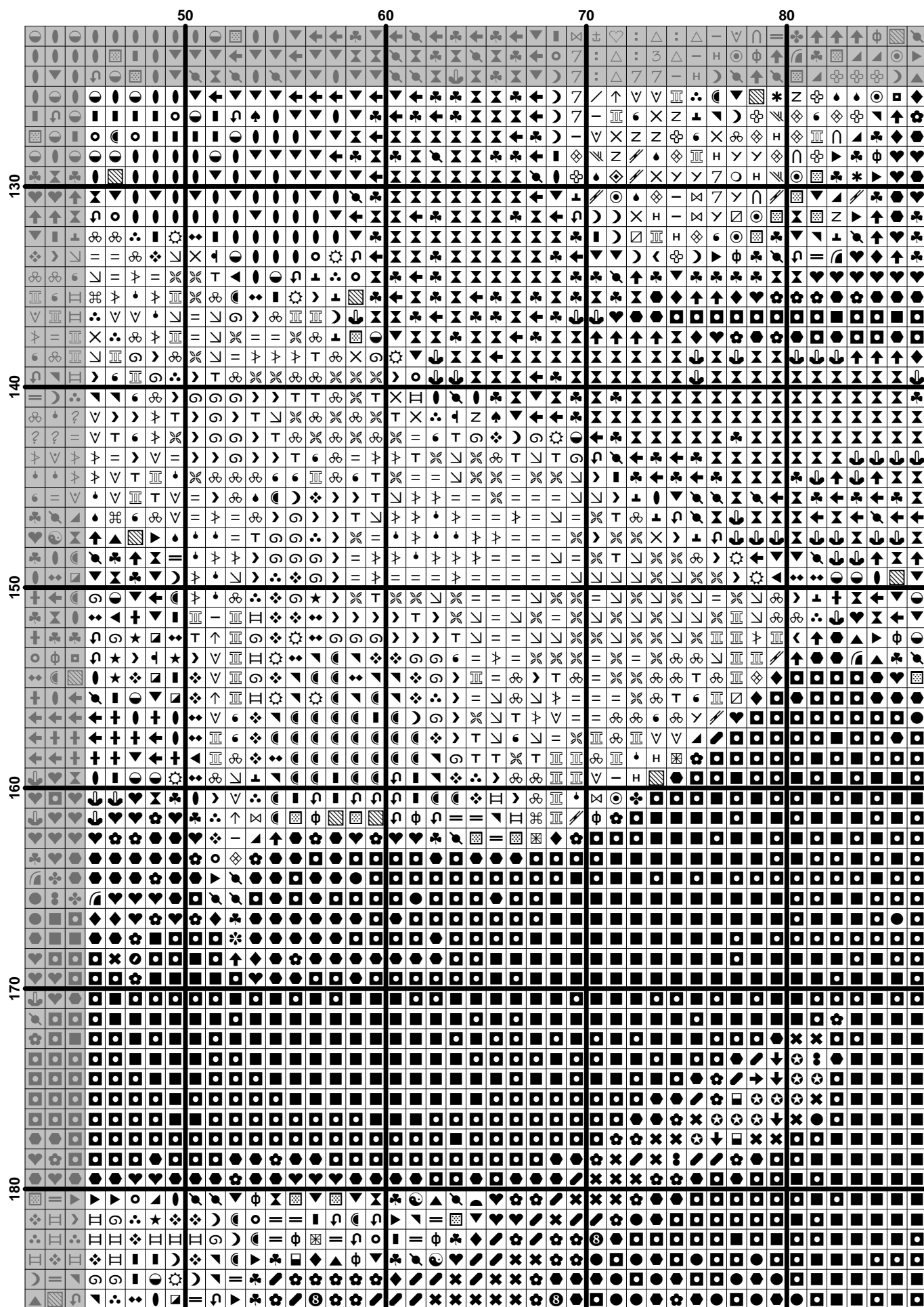
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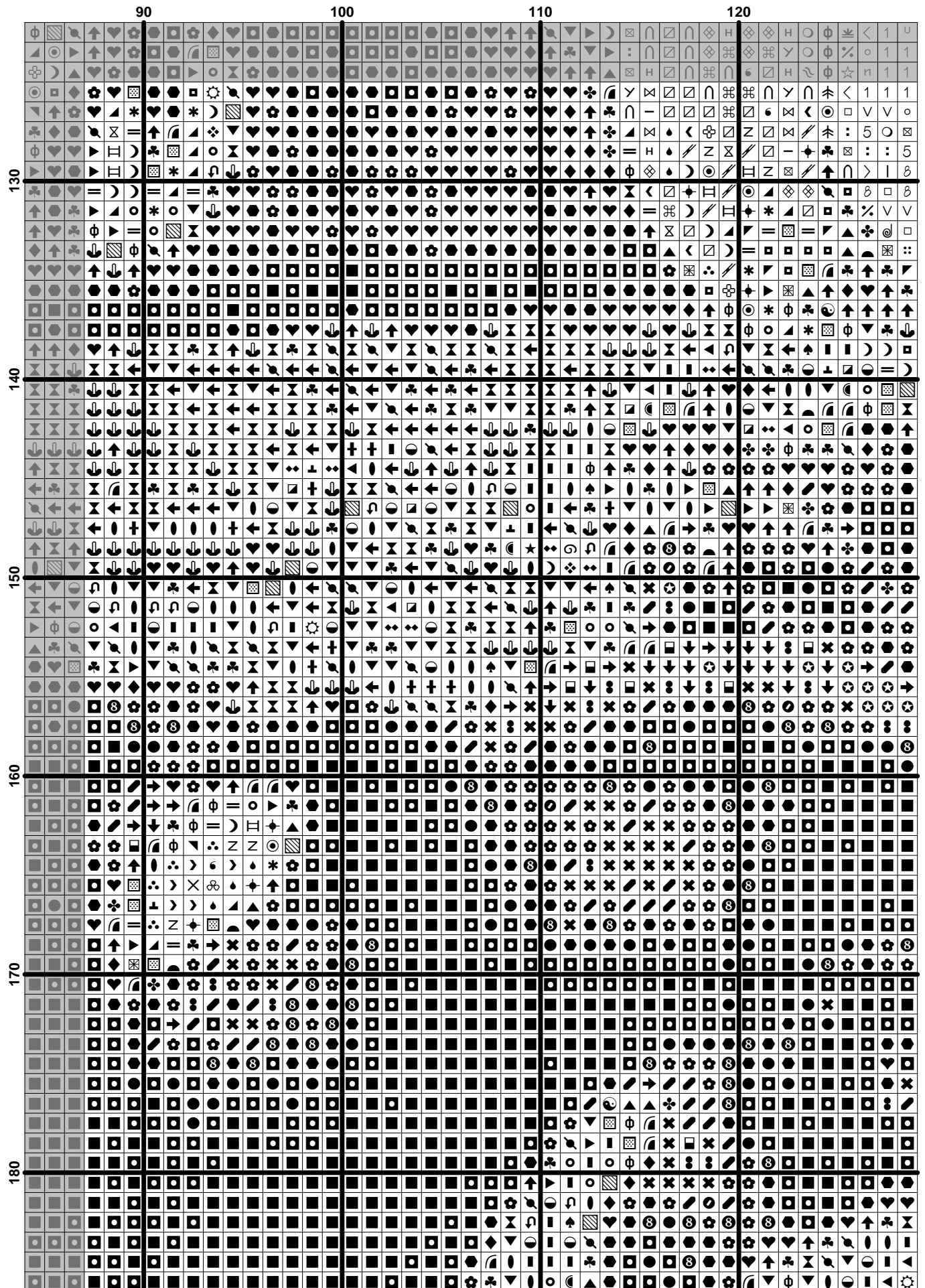


$$(20) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \cup \mathcal{L}(\mathcal{C}) \quad (21)$$

(21)



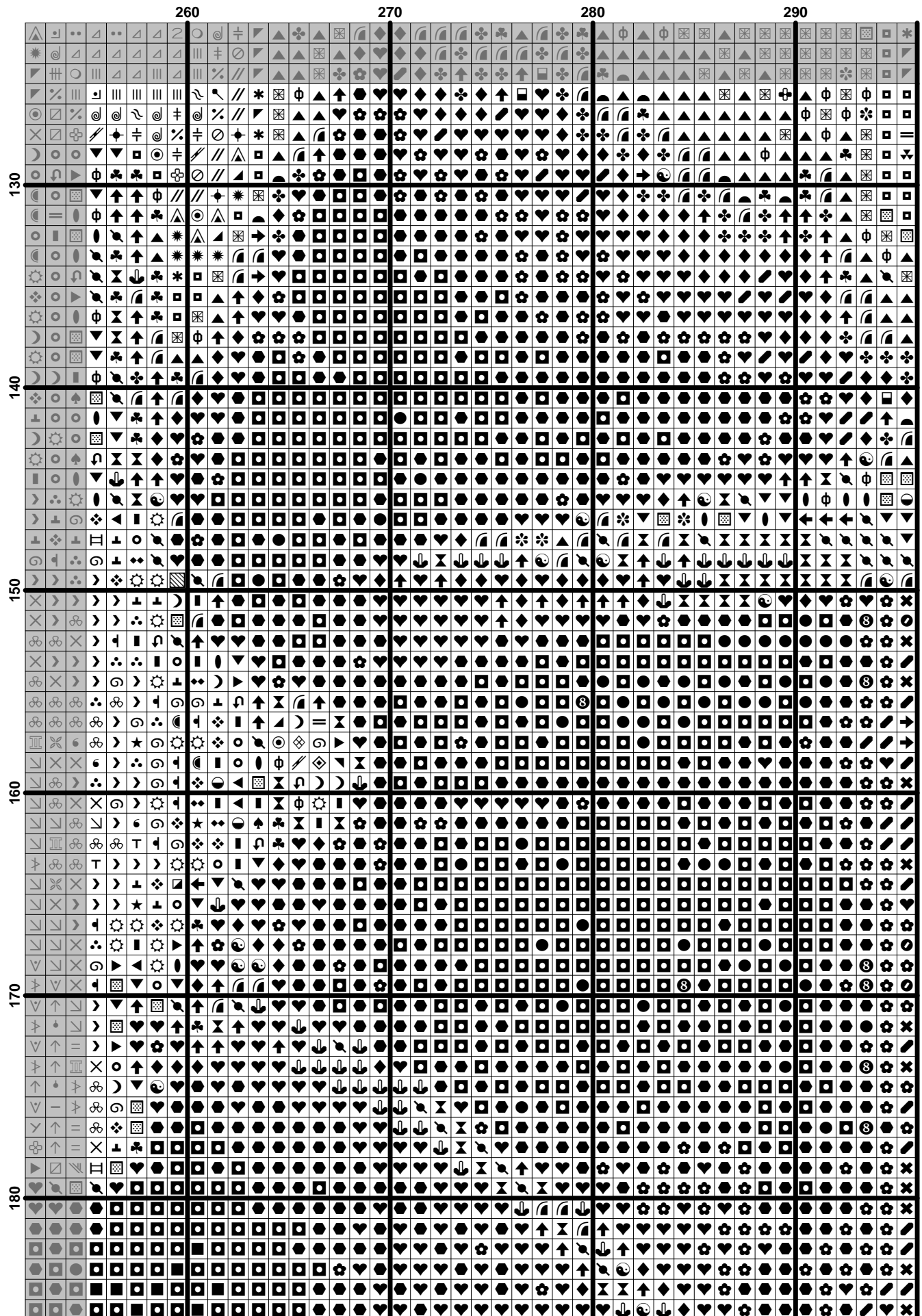


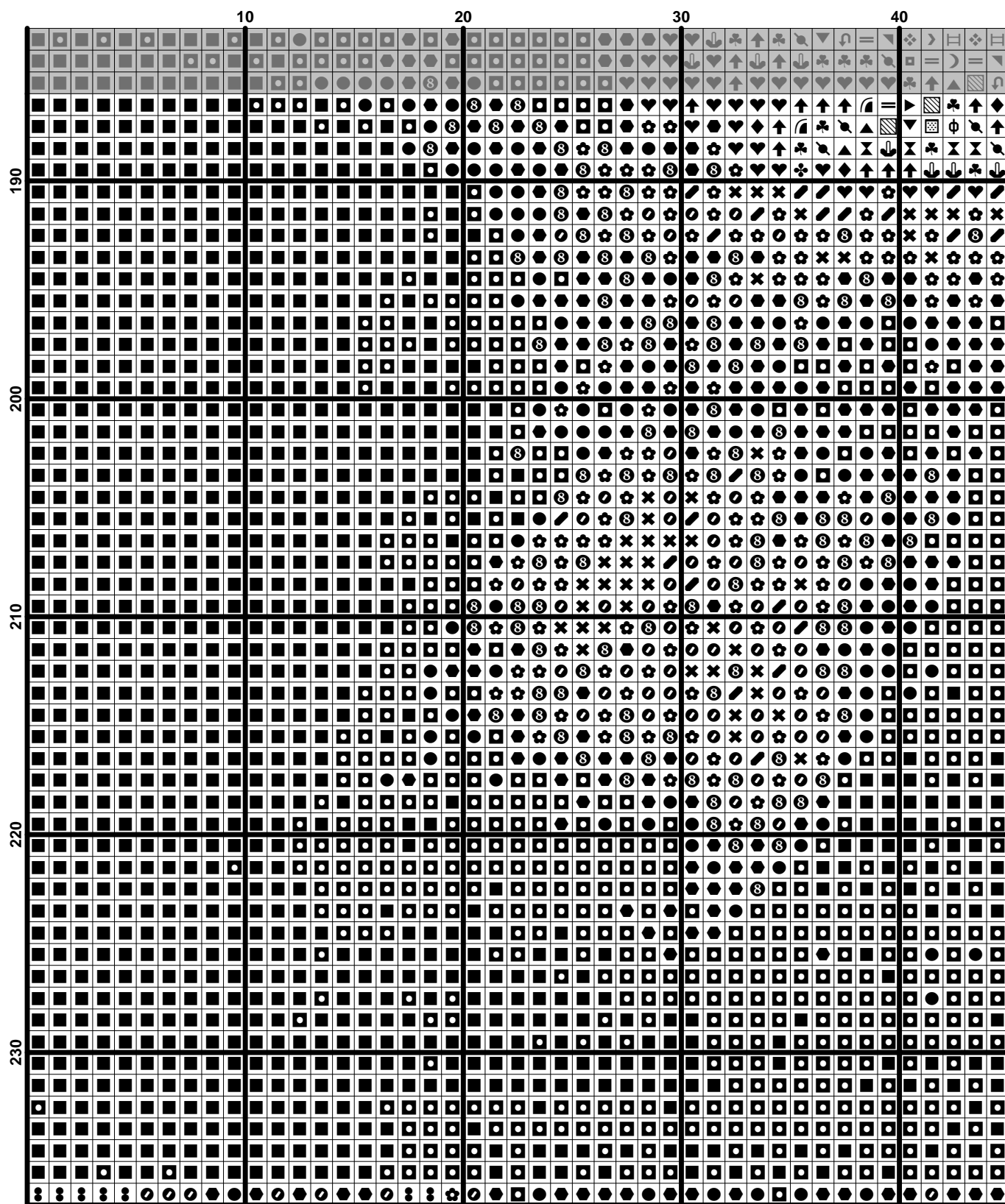


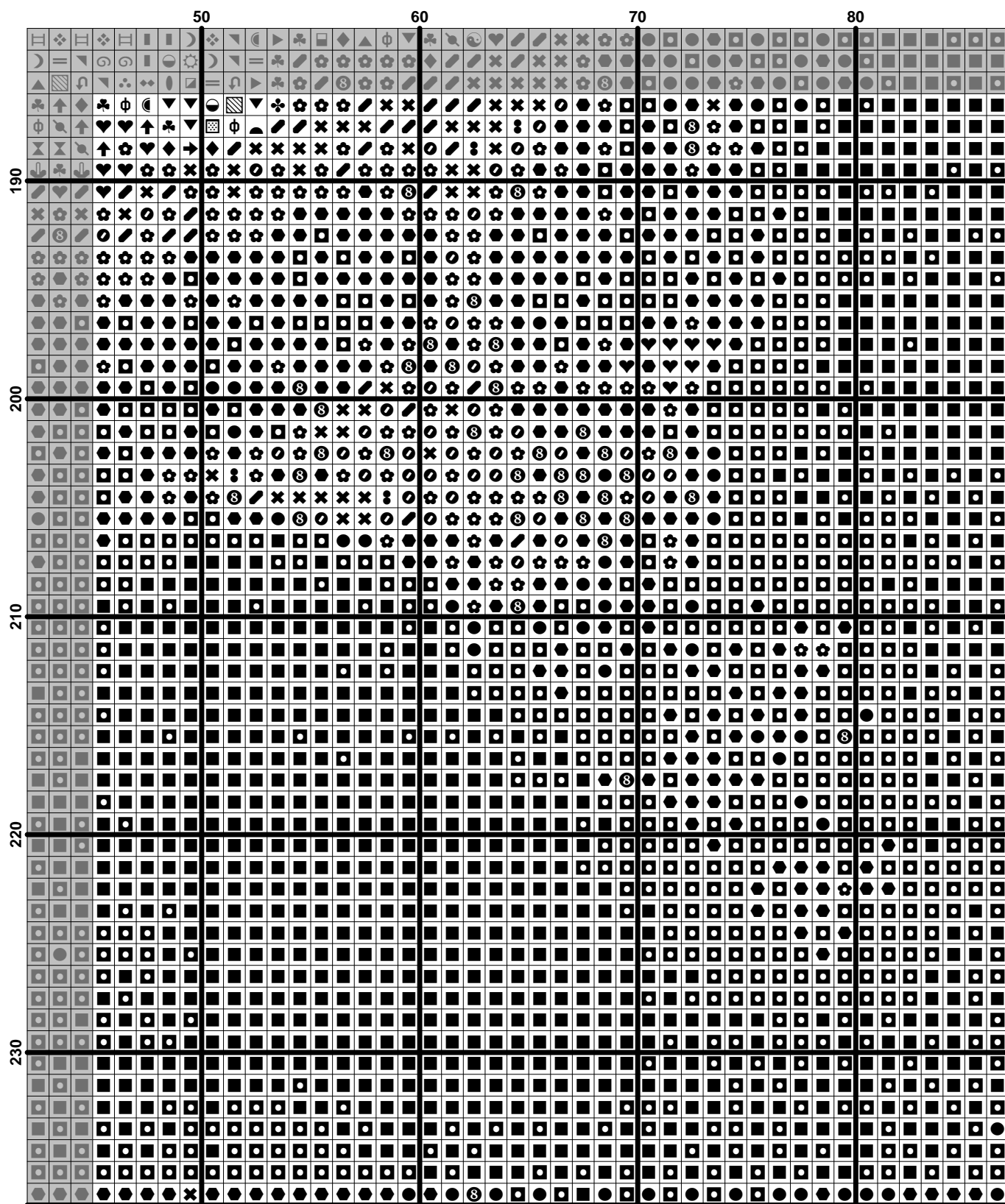
$$(25) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left(\sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

	170	180	190	200	210
130					
140					
150					
160					
170					
180					

$$(27) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (28)$$







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