

## 1052 A Sea Spell (medium)



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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 Sea Spell (medium)

Stitch Count		Recommended Fabric Color	
Horizontal:	320	Antique White	
Vertical:	400		


































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:	58	22.82	73	28.44	51	19.96	64	24.89	46	17.75	57	22.125
Including Margins:	74	29	89	35	67	26	80	31	62	24	73	29
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	81	31.94	102	39.81	67	26.62	85	33.18	33	13.31	42	16.59
Including Margins:	97	38	118	46	83	33	101	40	49	20	58	23
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	32	12.77	40	15.92	31	12.28	39	15.31	30	11.83	37	14.74
Including Margins:	48	19	56	22	47	19	55	22	46	18	53	21
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	29	11.41	36	14.22	27	10.64	34	13.27	25	9.98	31	12.44
Including Margins:	45	18	52	21	43	17	50	20	41	16	47	19

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

Symbol	DMC	Name
	225	Shell Pink-UL VY LT
	310	Black
	315	Antique Mauve-VY DK
	317	Pewter Gray
	367	Pistachio Green-DK
	370	Mustard-MD
	371	Mustard
	372	Mustard-LT
	407	Desert Sand-DK
	413	Pewter Gray-DK
	420	Hazelnut Brown-DK
	422	Hazelnut Brown-LT
	435	Brown-VY LT
	436	Tan
	437	Tan-LT
	500	Blue Green-VY DK
	501	Blue Green-DK
	520	Fern Green-DK
	522	Fern Green
	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
	645	Beaver Gray-VY DK
	646	Beaver Gray-DK
	729	Old Gold-MD
	734	Olive Green-LT
	738	Tan-VY LT
	739	Tan-UL VY LT
	822	Beige Gray-LT
	823	Navy Blue-DK
	833	Golden Olive-LT
	839	Beige Brown-DK

	842	Beige Brown-VY LT
	844	Beaver Brown-UL DK
	924	Gray Green-VY DK
	934	Black Avocado Green
	938	Coffee Brown-UL DK
	939	Navy Blue-VY DK
	945	Tawny
	948	Peach-VY LT
	950	Desert Sand-LT
	3011	Khaki Green-DK
	3012	Khaki Green-MD
	3013	Khaki Green-LT
	3021	Brown Gray-VY DK
	3022	Brown Gray-MD
	3031	Mocha Brown-VY DK
	3032	Mocha Brown-MD
	3045	Yellow Beige-DK
	3046	Yellow Beige-MD
	3052	Green Gray-MD
	3053	Green Gray
	3346	Hunter Green
	3363	Pine Green-MD
	3726	Antique Mauve-DK
	3770	Tawny-VY LT
	3772	Desert Sand-VY DK
	3773	Desert Sand-MD
	3774	Desert Sand-VY LT
	3781	Mocha Brown-DK
	3782	Mocha Brown-LT
	3787	Brown Gray-DK
	3790	Beige Gray-UL DK
	3799	Pewter Gray-VY DK
	3802	Antique Mauve-VY DK
	3828	Hazelnut Brown
	3862	Mocha Beige-DK
	3863	Mocha Beige-MD
	3864	Mocha Beige-LT

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

Symbol	DMC1	Name1	DMC2	Name2
	610	Drab Brown-DK	839	Beige Brown-DK
	3802	Antique Mauve-VY DK	610	Drab Brown-DK
	838	Beige Brown-VY DK	839	Beige Brown-DK
	640	Beige Gray-VY DK	3860	Cocoa
	610	Drab Brown-DK	3790	Beige Gray-UL DK
	839	Beige Brown-DK	844	Beaver Brown-UL DK
	844	Beaver Brown-UL DK	3787	Brown Gray-DK
	3862	Mocha Beige-DK	3863	Mocha Beige-MD
	535	Ash Gray-VY LT	645	Beaver Gray-VY DK
	645	Beaver Gray-VY DK	3787	Brown Gray-DK
	3787	Brown Gray-DK	3790	Beige Gray-UL DK

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←	3021	Brown Gray -VY DK	3799	Pewter Gray -VY DK
⚡	3860	Cocoa	645	Beaver Gray -VY DK
▼	501	Blue Green-DK	3799	Pewter Gray -VY DK
▲	520	Fern Green-DK	3021	Brown Gray -VY DK
♣	632	Desert Sand-UL VY DK	3862	Mocha Beige-DK
⊕	501	Blue Green-DK	924	Gray Green-VY DK
✱	924	Gray Green-VY DK	413	Pewter Gray -DK
⦿	3787	Brown Gray -DK	3052	Green Gray-MD
☐	738	Tan-VY LT	3782	Mocha Brown-LT
⊗	3021	Brown Gray -VY DK	3781	Mocha Brown-DK
‡	3863	Mocha Beige-MD	3032	Mocha Brown-MD
◇	3013	Khaki Green-LT	3046	Yellow Beige-MD
▣	839	Beige Brown-DK	632	Desert Sand-UL VY DK
‡	3363	Pine Green-MD	645	Beaver Gray -VY DK
⌘	734	Olive Green-LT	3045	Yellow Beige-DK
▷	613	Drab Brown-VY LT	739	Tan-UL VY LT
⌘	3721	Shell Pink-DK	3772	Desert Sand-VY DK
☐	611	Drab Brown	3790	Beige Gray-UL DK
⦿	823	Navy Blue-DK	895	Hunter Green-VY DK
^	435	Brown-VY LT	3828	Hazelnut Brown
⦿	610	Drab Brown-DK	611	Drab Brown
♠	632	Desert Sand-UL VY DK	3802	Antique Mauve-VY DK
♣	500	Blue Green-VY DK	3799	Pewter Gray -VY DK
/	3856	Mahogany-UL VY LT	437	Tan-LT
✱	315	Antique Mauve-VY DK	3790	Beige Gray-UL DK
*	610	Drab Brown-DK	315	Antique Mauve-VY DK
::	436	Tan	437	Tan-LT
∅	613	Drab Brown-VY LT	3046	Yellow Beige-MD
≡	422	Hazelnut Brown-LT	3013	Khaki Green-LT
⊕	3721	Shell Pink-DK	435	Brown-VY LT
☾	367	Pistachio Green-DK	535	Ash Gray -VY LT
#	371	Mustard	3364	Pine Green
e	437	Tan-LT	3046	Yellow Beige-MD
+	842	Beige Brown-VY LT	950	Desert Sand-LT
↘	3859	Rosewood-LT	371	Mustard
⦿	435	Brown-VY LT	370	Mustard-MD
□	739	Tan-UL VY LT	945	Tawny
⦿	3863	Mocha Beige-MD	3772	Desert Sand-VY DK
❖	3721	Shell Pink-DK	3862	Mocha Beige-DK
✕	3862	Mocha Beige-DK	3726	Antique Mauve-DK
⊗	3862	Mocha Beige-DK	611	Drab Brown
♣	3802	Antique Mauve-VY DK	3799	Pewter Gray -VY DK
♦	823	Navy Blue-DK	924	Gray Green-VY DK
6	738	Tan-VY LT	945	Tawny
↘	3828	Hazelnut Brown	833	Golden Olive-LT
⊕	3802	Antique Mauve-VY DK	839	Beige Brown-DK
=	315	Antique Mauve-VY DK	3787	Brown Gray -DK
♣	500	Blue Green-VY DK	501	Blue Green-DK
//	367	Pistachio Green-DK	645	Beaver Gray -VY DK
⊕	3802	Antique Mauve-VY DK	844	Beaver Brown-UL DK
✕	3363	Pine Green-MD	611	Drab Brown
(	945	Tawny	951	Tawny -LT
↘	3859	Rosewood-LT	436	Tan
✓	3828	Hazelnut Brown	729	Old Gold-MD
..	436	Tan	612	Drab Brown-LT
✱	370	Mustard-MD	3012	Khaki Green-MD
↓	3802	Antique Mauve-VY DK	3031	Mocha Brown-VY DK
✱	3031	Mocha Brown-VY DK	3799	Pewter Gray -VY DK
♥	823	Navy Blue-DK	3031	Mocha Brown-VY DK

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✱	611	Drab Brown	645	Beaver Gray-VY DK
✱	315	Antique Mauve-VY DK	645	Beaver Gray-VY DK
∇	612	Drab Brown-LT	3053	Green Gray
♣	3031	Mocha Brown-VY DK	839	Beige Brown-DK
♣	3721	Shell Pink-DK	632	Desert Sand-UL VY DK
卅	3772	Desert Sand-VY DK	407	Desert Sand-DK
×	3032	Mocha Brown-MD	407	Desert Sand-DK
4	453	Shell Gray-LT	224	Shell Pink-VY LT
3	842	Beige Brown-VY LT	3773	Desert Sand-MD
√	738	Tan-VY LT	3773	Desert Sand-MD
¼	831	Golden Olive-MD	3012	Khaki Green-MD
⌘	3012	Khaki Green-MD	3347	Yellow Green-MD
▲	3362	Pine Green-DK	367	Pistachio Green-DK
⌘	3802	Antique Mauve-VY DK	535	Ash Gray-VY LT
♣	3721	Shell Pink-DK	436	Tan
⦿	501	Blue Green-DK	823	Navy Blue-DK
α	436	Tan	372	Mustard-LT
«	3770	Tawny-VY LT	948	Peach-VY LT
⇒	3774	Desert Sand-VY LT	951	Tawny-LT
∅	435	Brown-VY LT	632	Desert Sand-UL VY DK
☆	372	Mustard-LT	437	Tan-LT
<	739	Tan-UL VY LT	3046	Yellow Beige-MD
=	3046	Yellow Beige-MD	3856	Mahogany-UL VY LT
1	225	Shell Pink-UL VY LT	3770	Tawny-VY LT
∞	948	Peach-VY LT	822	Beige Gray-LT
○	453	Shell Gray-LT	950	Desert Sand-LT
)	453	Shell Gray-LT	3774	Desert Sand-VY LT
	3774	Desert Sand-VY LT	739	Tan-UL VY LT
•	950	Desert Sand-LT	3774	Desert Sand-VY LT
⇐	3046	Yellow Beige-MD	842	Beige Brown-VY LT
	612	Drab Brown-LT	407	Desert Sand-DK
⊕	371	Mustard	420	Hazelnut Brown-DK
✍	3863	Mocha Beige-MD	632	Desert Sand-UL VY DK
⊗	407	Desert Sand-DK	945	Tawny
~	ecru	Ecru	822	Beige Gray-LT
■	3781	Mocha Brown-DK	3362	Pine Green-DK
▶	3362	Pine Green-DK	844	Beaver Brown-UL DK
⊕	610	Drab Brown-DK	3012	Khaki Green-MD
▨	3362	Pine Green-DK	311	Navy Blue-MD
▲	3011	Khaki Green-DK	3362	Pine Green-DK
⊗	823	Navy Blue-DK	500	Blue Green-VY DK
2	371	Mustard	734	Olive Green-LT
	3864	Mocha Beige-LT	372	Mustard-LT
5	3782	Mocha Brown-LT	613	Drab Brown-VY LT
↑	823	Navy Blue-DK	3802	Antique Mauve-VY DK
➔	413	Pewter Gray-DK	823	Navy Blue-DK
●	310	Black	500	Blue Green-VY DK
◇	310	Black	501	Blue Green-DK



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

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		14		16		18	
224	Shell Pink-VY LT	5	1	5	1	4	1
225	Shell Pink-UL VY LT	241	94	229	90	206	81
310	Black	740	291	705	277	634	249
311	Navy Blue-MD	9	3	8	3	7	2
315	Antique Mauve-VY DK	334	131	318	125	287	112
317	Pewter Gray	7	2	6	2	6	2
367	Pistachio Green-DK	67	26	64	25	58	22
370	Mustard-MD	752	296	716	281	645	253
371	Mustard	1830	720	1743	686	1568	617
372	Mustard-LT	588	231	560	220	504	198
407	Desert Sand-DK	148	58	141	55	127	50
413	Pewter Gray -DK	130	51	124	48	112	44
420	Hazelnut Brown-DK	208	81	198	77	178	70
422	Hazelnut Brown-LT	315	124	300	118	270	106
435	Brown-VY LT	166	65	158	62	142	55
436	Tan	370	145	352	138	317	124
437	Tan-LT	295	116	281	110	253	99
453	Shell Gray-LT	60	23	57	22	52	20
500	Blue Green-VY DK	866	340	824	324	742	292
501	Blue Green-DK	392	154	373	146	336	132
520	Fern Green-DK	159	62	151	59	136	53
522	Fern Green	20	7	19	7	17	6
535	Ash Gray -VY LT	134	52	128	50	115	45
610	Drab Brown-DK	1072	422	1021	401	918	361
611	Drab Brown	1194	470	1138	448	1024	403
612	Drab Brown-LT	593	233	564	222	508	200
613	Drab Brown-VY LT	465	183	443	174	399	157
632	Desert Sand-UL VY DK	259	101	247	97	222	87
640	Beige Gray-VY DK	355	139	338	133	304	119
645	Beaver Gray-VY DK	369	145	351	138	316	124
646	Beaver Gray-DK	18	7	18	7	16	6
729	Old Gold- MD	56	22	54	21	48	18
734	Olive Green-LT	775	305	739	290	665	261
738	Tan-VY LT	560	220	533	209	480	188
739	Tan-UL VY LT	435	171	414	162	372	146
822	Beige Gray-LT	367	144	350	137	315	124
823	Navy Blue-DK	1482	583	1411	555	1270	500
831	Golden Olive-MD	60	23	57	22	51	20
833	Golden Olive-LT	107	42	102	40	92	36
838	Beige Brown-VY DK	25	9	24	9	21	8
839	Beige Brown-DK	740	291	705	277	634	249
842	Beige Brown-VY LT	325	127	310	122	279	109
844	Beaver Brown-UL DK	1107	435	1054	414	949	373
895	Hunter Green-VY DK	345	135	329	129	296	116
924	Gray Green-VY DK	208	81	198	77	179	70
934	Black Avocado Green	22	8	21	8	19	7
938	Coffee Brown-UL DK	20	7	19	7	17	6
939	Navy Blue-VY DK	689	271	656	258	591	232
945	Tawny	223	87	212	83	191	75
948	Peach-VY LT	469	184	447	175	402	158
950	Desert Sand-LT	317	124	302	118	272	107
951	Tawny -LT	145	57	138	54	124	48
3011	Khaki Green-DK	480	188	457	179	411	161
3012	Khaki Green-MD	1542	607	1468	577	1321	520

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3013	Khaki Green-LT	941	370	896	352	806	317
3021	Brown Gray -VY DK	767	301	731	287	658	259
3022	Brown Gray -MD	31	12	29	11	26	10
3031	Mocha Brown-VY DK	837	329	797	313	718	282
3032	Mocha Brown-MD	263	103	250	98	225	88
3045	Yellow Beige-DK	319	125	304	119	273	107
3046	Yellow Beige-MD	654	257	623	245	560	220
3052	Green Gray-MD	288	113	274	107	247	97
3053	Green Gray	237	93	225	88	203	79
3346	Hunter Green	25	9	24	9	22	8
3347	Yellow Green-MD	41	16	39	15	35	13
3362	Pine Green-DK	413	162	393	154	354	139
3363	Pine Green-MD	255	100	243	95	218	85
3364	Pine Green	346	136	329	129	296	116
3721	Shell Pink- DK	78	30	74	29	67	26
3726	Antique Mauve-DK	59	23	56	22	50	19
3770	Tawny -VY LT	441	173	420	165	378	148
3772	Desert Sand-VY DK	251	98	239	94	215	84
3773	Desert Sand-MD	66	25	63	24	57	22
3774	Desert Sand-VY LT	600	236	572	225	515	202
3781	Mocha Brown-DK	205	80	195	76	175	68
3782	Mocha Brown-LT	300	118	286	112	257	101
3787	Brown Gray -DK	1263	497	1203	473	1082	425
3790	Beige Gray-UL DK	768	302	731	287	658	259
3799	Pewter Gray -VY DK	1531	602	1458	574	1313	516
3802	Antique Mauve-VY DK	642	252	611	240	550	216
3828	Hazelnut Brown	365	143	348	137	313	123
3856	Mahogany-UL VY LT	34	13	33	12	29	11
3859	Rosewood-LT	93	36	88	34	80	31
3860	Cocoa	61	24	58	22	52	20
3862	Mocha Beige-DK	564	222	537	211	483	190
3863	Mocha Beige-MD	508	200	484	190	435	171
3864	Mocha Beige-LT	101	39	96	37	86	33
ecru	Ecru	73	28	70	27	63	24

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
224	Shell Pink-VY LT	7	2	6	2	3	1
225	Shell Pink-UL VY LT	371	146	309	122	155	61
310	Black	1141	448	951	374	476	187
311	Navy Blue-MD	13	4	11	3	5	2
315	Antique Mauve-VY DK	517	202	431	168	215	84
317	Pewter Gray	11	4	9	3	5	2
367	Pistachio Green-DK	104	40	87	33	44	17
370	Mustard-MD	1161	455	968	380	484	190
371	Mustard	2822	1111	2352	926	1176	463
372	Mustard-LT	907	356	756	297	378	149
407	Desert Sand-DK	229	90	191	75	95	38
413	Pewter Gray -DK	202	79	168	66	84	33
420	Hazelnut Brown-DK	320	126	267	105	134	53
422	Hazelnut Brown-LT	486	191	405	159	203	80
435	Brown-VY LT	256	99	213	83	107	41
436	Tan	571	223	476	186	238	93
437	Tan-LT	455	178	380	149	190	74
453	Shell Gray-LT	94	36	78	30	39	15



500	Blue Green-VY DK	1336	526	1113	438	557	219
501	Blue Green-DK	605	238	504	198	252	99
520	Fern Green-DK	245	95	204	80	102	40
522	Fern Green	31	11	26	9	13	5
535	Ash Gray-VY LT	207	81	173	68	86	34
610	Drab Brown-DK	1652	650	1377	542	689	271
611	Drab Brown	1843	725	1536	605	768	302
612	Drab Brown-LT	914	360	762	300	381	150
613	Drab Brown-VY LT	718	283	599	236	299	118
632	Desert Sand-UL VY DK	400	157	333	131	167	65
640	Beige Gray-VY DK	547	214	456	179	228	89
645	Beaver Gray-VY DK	569	223	474	186	237	93
646	Beaver Gray-DK	29	11	24	9	12	5
729	Old Gold-MD	86	32	72	27	36	14
734	Olive Green-LT	1197	470	998	392	499	196
738	Tan-VY LT	864	338	720	282	360	141
739	Tan-UL VY LT	670	263	558	219	279	110
822	Beige Gray-LT	567	223	473	186	236	93
823	Navy Blue-DK	2286	900	1905	750	953	375
831	Golden Olive-MD	92	36	77	30	38	15
833	Golden Olive-LT	166	65	138	54	69	27
838	Beige Brown-VY DK	38	14	32	12	16	6
839	Beige Brown-DK	1141	448	951	374	476	187
842	Beige Brown-VY LT	502	196	419	164	209	82
844	Beaver Brown-UL DK	1708	671	1424	560	712	280
895	Hunter Green-VY DK	533	209	444	174	222	87
924	Gray Green-VY DK	322	126	269	105	134	53
934	Black Avocado Green	34	13	29	11	14	5
938	Coffee Brown-UL DK	31	11	26	9	13	5
939	Navy Blue-VY DK	1064	418	887	348	443	174
945	Tawny	344	135	287	113	143	56
948	Peach-VY LT	724	284	603	237	302	119
950	Desert Sand-LT	490	193	408	161	204	80
951	Tawny-LT	223	86	186	72	93	36
3011	Khaki Green-DK	740	290	617	242	308	121
3012	Khaki Green-MD	2378	936	1982	780	991	390
3013	Khaki Green-LT	1451	571	1209	476	605	238
3021	Brown Gray-VY DK	1184	466	987	389	494	194
3022	Brown Gray-MD	47	18	39	15	20	8
3031	Mocha Brown-VY DK	1292	508	1077	423	539	212
3032	Mocha Brown-MD	405	158	338	132	169	66
3045	Yellow Beige-DK	491	193	410	161	205	80
3046	Yellow Beige-MD	1008	396	840	330	420	165
3052	Green Gray-MD	445	175	371	146	185	73
3053	Green Gray	365	142	305	119	152	59
3346	Hunter Green	40	14	33	12	17	6
3347	Yellow Green-MD	63	23	53	20	26	10
3362	Pine Green-DK	637	250	531	209	266	104
3363	Pine Green-MD	392	153	327	128	164	64
3364	Pine Green	533	209	444	174	222	87
3721	Shell Pink-DK	121	47	101	39	50	20
3726	Antique Mauve-DK	90	34	75	29	38	14
3770	Tawny-VY LT	680	266	567	222	284	111
3772	Desert Sand-VY DK	387	151	323	126	161	63
3773	Desert Sand-MD	103	40	86	33	43	17
3774	Desert Sand-VY LT	927	364	773	303	386	152
3781	Mocha Brown-DK	315	122	263	102	131	51
3782	Mocha Brown-LT	463	182	386	152	193	76
3787	Brown Gray-DK	1948	765	1623	638	812	319

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3790	Beige Gray-UL DK	1184	466	987	389	494	194
3799	Pewter Gray-VY DK	2363	929	1970	774	985	387
3802	Antique Mauve-VY DK	990	389	825	324	413	162
3828	Hazelnut Brown	563	221	470	185	235	92
3856	Mahogany-UL VY LT	52	20	44	17	22	8
3859	Rosewood-LT	144	56	120	47	60	23
3860	Cocoa	94	36	78	30	39	15
3862	Mocha Beige-DK	869	342	725	285	362	143
3863	Mocha Beige-MD	783	308	653	257	326	128
3864	Mocha Beige-LT	155	59	129	50	65	25
ecru	Ecru	113	43	95	36	47	18

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
224	Shell Pink-VY LT	3	1	3	1	3	1
225	Shell Pink-UL VY LT	148	58	143	56	137	54
310	Black	456	179	439	172	423	166
311	Navy Blue-MD	5	1	5	1	5	1
315	Antique Mauve-VY DK	207	81	199	78	191	75
317	Pewter Gray	4	1	4	1	4	1
367	Pistachio Green-DK	42	16	40	15	39	15
370	Mustard-MD	464	182	447	175	430	169
371	Mustard	1129	444	1086	427	1045	411
372	Mustard-LT	363	143	349	137	336	132
407	Desert Sand-DK	91	36	88	35	85	33
413	Pewter Gray -DK	81	32	78	30	75	29
420	Hazelnut Brown-DK	128	50	123	48	119	47
422	Hazelnut Brown-LT	194	76	187	73	180	71
435	Brown-VY LT	102	40	98	38	95	37
436	Tan	228	89	219	86	211	83
437	Tan-LT	182	71	175	69	169	66
453	Shell Gray-LT	37	14	36	14	35	13
500	Blue Green-VY DK	534	210	514	202	495	195
501	Blue Green-DK	242	95	233	91	224	88
520	Fern Green-DK	98	38	94	37	91	35
522	Fern Green	12	4	12	4	11	4
535	Ash Gray-VY LT	83	32	80	31	77	30
610	Drab Brown-DK	661	260	636	250	612	241
611	Drab Brown	737	290	709	279	683	269
612	Drab Brown-LT	366	144	352	138	339	133
613	Drab Brown-VY LT	287	113	276	109	266	105
632	Desert Sand-UL VY DK	160	63	154	60	148	58
640	Beige Gray-VY DK	219	86	210	82	203	79
645	Beaver Gray-VY DK	228	89	219	86	211	83
646	Beaver Gray-DK	12	4	11	4	11	4
729	Old Gold- MD	35	13	33	12	32	12
734	Olive Green-LT	479	188	460	181	443	174
738	Tan-VY LT	346	135	332	130	320	125
739	Tan-UL VY LT	268	105	258	101	248	97
822	Beige Gray-LT	227	89	218	86	210	83
823	Navy Blue-DK	914	360	879	346	847	333
831	Golden Olive-MD	37	14	35	14	34	13
833	Golden Olive-LT	66	26	64	25	61	24
838	Beige Brown-VY DK	15	6	15	6	14	5
839	Beige Brown-DK	456	179	439	172	423	166

842	Beige Brown-VY LT	201	78	193	75	186	73
844	Beaver Brown-UL DK	683	269	657	258	633	249
895	Hunter Green-VY DK	213	84	205	80	197	77
924	Gray Green-VY DK	129	50	124	48	119	47
934	Black Avocado Green	14	5	13	5	13	5
938	Coffee Brown-UL DK	12	4	12	4	11	4
939	Navy Blue-VY DK	426	167	409	161	394	155
945	Tawny	138	54	132	52	127	50
948	Peach-VY LT	289	114	278	109	268	105
950	Desert Sand-LT	196	77	188	74	181	71
951	Tawny-LT	89	35	86	33	83	32
3011	Khaki Green-DK	296	116	285	111	274	107
3012	Khaki Green-MD	951	374	915	360	881	347
3013	Khaki Green-LT	580	228	558	219	537	211
3021	Brown Gray-VY DK	474	186	456	179	439	173
3022	Brown Gray-MD	19	7	18	7	17	7
3031	Mocha Brown-VY DK	517	203	497	195	479	188
3032	Mocha Brown-MD	162	63	156	61	150	59
3045	Yellow Beige-DK	197	77	189	74	182	71
3046	Yellow Beige-MD	403	158	388	152	373	147
3052	Green Gray-MD	178	70	171	67	165	65
3053	Green Gray	146	57	141	55	135	53
3346	Hunter Green	16	6	15	6	15	5
3347	Yellow Green-MD	25	9	24	9	23	9
3362	Pine Green-DK	255	100	245	96	236	93
3363	Pine Green-MD	157	61	151	59	145	57
3364	Pine Green	213	84	205	80	197	77
3721	Shell Pink-DK	48	19	46	18	45	17
3726	Antique Mauve-DK	36	14	35	13	33	13
3770	Tawny-VY LT	272	107	262	102	252	99
3772	Desert Sand-VY DK	155	60	149	58	143	56
3773	Desert Sand-MD	41	16	39	15	38	15
3774	Desert Sand-VY LT	371	145	357	140	343	135
3781	Mocha Brown-DK	126	49	121	47	117	45
3782	Mocha Brown-LT	185	73	178	70	171	67
3787	Brown Gray-DK	779	306	749	294	721	283
3790	Beige Gray-UL DK	474	186	456	179	439	173
3799	Pewter Gray-VY DK	945	372	909	357	875	344
3802	Antique Mauve-VY DK	396	156	381	150	367	144
3828	Hazelnut Brown	225	89	217	85	209	82
3856	Mahogany-UL VY LT	21	8	20	8	19	7
3859	Rosewood-LT	58	22	55	21	53	21
3860	Cocoa	37	14	36	14	35	13
3862	Mocha Beige-DK	348	137	334	132	322	127
3863	Mocha Beige-MD	313	123	301	118	290	114
3864	Mocha Beige-LT	62	24	60	23	57	22
ecru	Ecru	45	17	44	17	42	16

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
224	Shell Pink-VY LT	3	1	2	1	2	1
225	Shell Pink-UL VY LT	132	52	124	49	116	46
310	Black	408	160	380	149	357	140
311	Navy Blue-MD	5	1	4	1	4	1
315	Antique Mauve-VY DK	185	72	172	67	161	63
317	Pewter Gray	4	1	4	1	3	1

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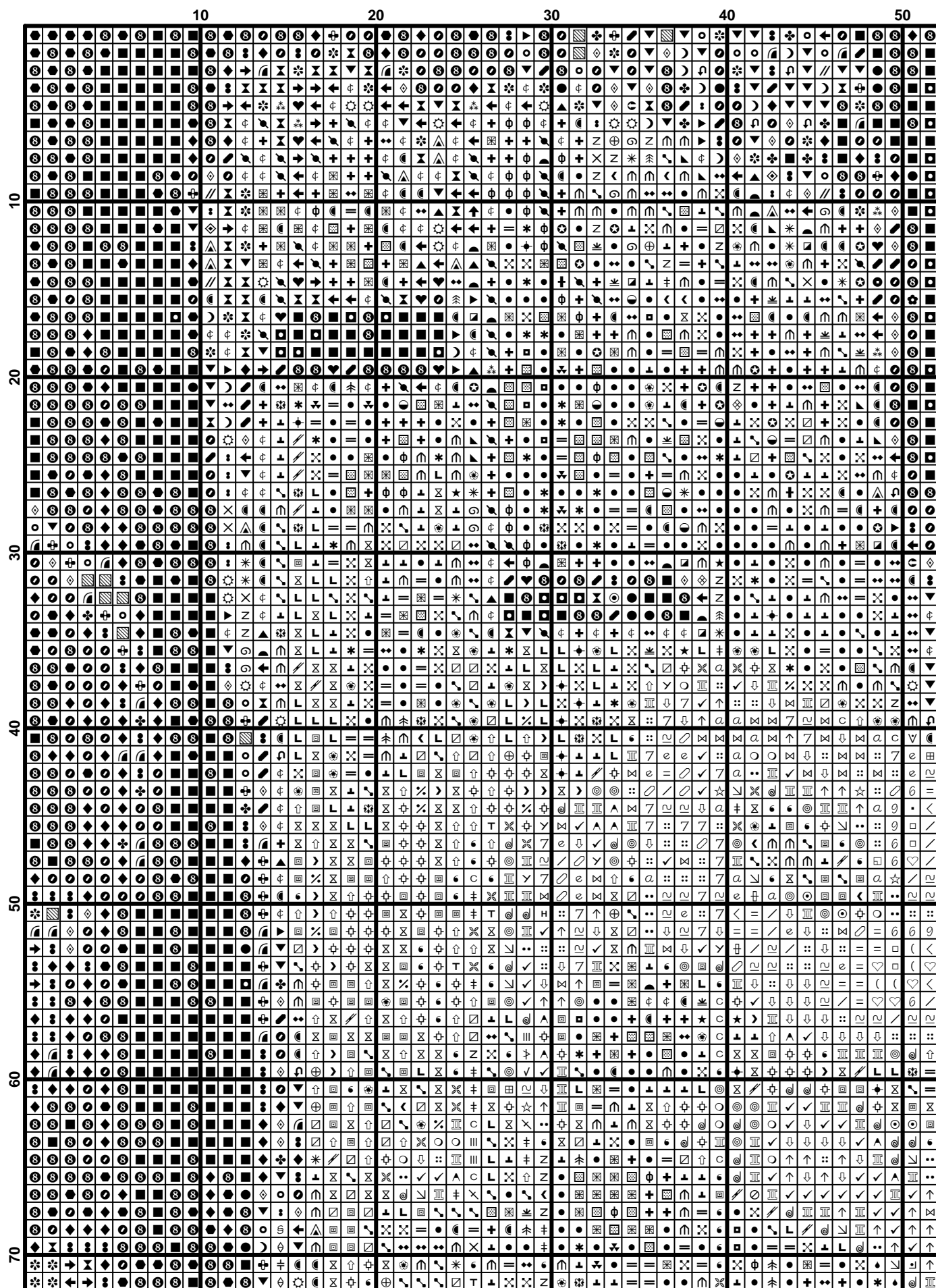
367	Pistachio Green-DK	37	14	35	13	33	12
370	Mustard-MD	415	163	387	152	363	142
371	Mustard	1008	397	941	370	882	347
372	Mustard-LT	324	127	302	119	284	111
407	Desert Sand-DK	82	32	76	30	71	28
413	Pewter Gray -DK	72	28	67	26	63	25
420	Hazelnut Brown-DK	114	45	107	42	100	39
422	Hazelnut Brown-LT	174	68	162	64	152	60
435	Brown-VY LT	91	35	85	33	80	31
436	Tan	204	80	190	74	178	70
437	Tan-LT	163	64	152	59	142	56
453	Shell Gray-LT	33	13	31	12	29	11
500	Blue Green-VY DK	477	188	445	175	417	164
501	Blue Green-DK	216	85	202	79	189	74
520	Fern Green-DK	87	34	82	32	77	30
522	Fern Green	11	4	10	4	10	3
535	Ash Gray -VY LT	74	29	69	27	65	25
610	Drab Brown-DK	590	232	551	217	516	203
611	Drab Brown	658	259	614	242	576	227
612	Drab Brown-LT	327	129	305	120	286	113
613	Drab Brown-VY LT	257	101	239	94	224	88
632	Desert Sand-UL VY DK	143	56	133	52	125	49
640	Beige Gray-VY DK	195	77	182	71	171	67
645	Beaver Gray-VY DK	203	80	190	74	178	70
646	Beaver Gray-DK	10	4	10	4	9	3
729	Old Gold-MD	31	12	29	11	27	10
734	Olive Green-LT	428	168	399	157	374	147
738	Tan-VY LT	309	121	288	113	270	106
739	Tan-UL VY LT	239	94	223	88	209	82
822	Beige Gray-LT	203	80	189	74	177	70
823	Navy Blue-DK	816	321	762	300	714	281
831	Golden Olive-MD	33	13	31	12	29	11
833	Golden Olive-LT	59	23	55	22	52	20
838	Beige BrownVY DK	14	5	13	5	12	5
839	Beige Brown-DK	408	160	380	149	357	140
842	Beige BrownVY LT	179	70	167	65	157	61
844	Beaver Brown-UL DK	610	240	569	224	534	210
895	Hunter Green-VY DK	190	75	178	70	167	65
924	Gray Green-VY DK	115	45	107	42	101	39
934	Black Avocado Green	12	5	11	4	11	4
938	Coffee Brown-UL DK	11	4	10	4	10	3
939	Navy Blue-VY DK	380	149	355	139	332	131
945	Tawny	123	48	115	45	107	42
948	Peach-VY LT	258	102	241	95	226	89
950	Desert Sand-LT	175	69	163	64	153	60
951	Tawny-LT	80	31	74	29	70	27
3011	Khaki Green-DK	264	104	247	97	231	91
3012	Khaki Green-MD	849	334	793	312	743	293
3013	Khaki Green-LT	518	204	484	190	453	178
3021	Brown Gray -VY DK	423	167	395	155	370	146
3022	Brown Gray -MD	17	6	16	6	15	6
3031	Mocha Brown-VY DK	462	181	431	169	404	159
3032	Mocha Brown-MD	145	57	135	53	127	50
3045	Yellow Beige-DK	176	69	164	64	154	60
3046	Yellow Beige-MD	360	141	336	132	315	124
3052	Green Gray-MD	159	62	148	58	139	55
3053	Green Gray	131	51	122	47	114	44
3346	Hunter Green	14	5	13	5	12	5
3347	Yellow Green-MD	23	8	21	8	20	7

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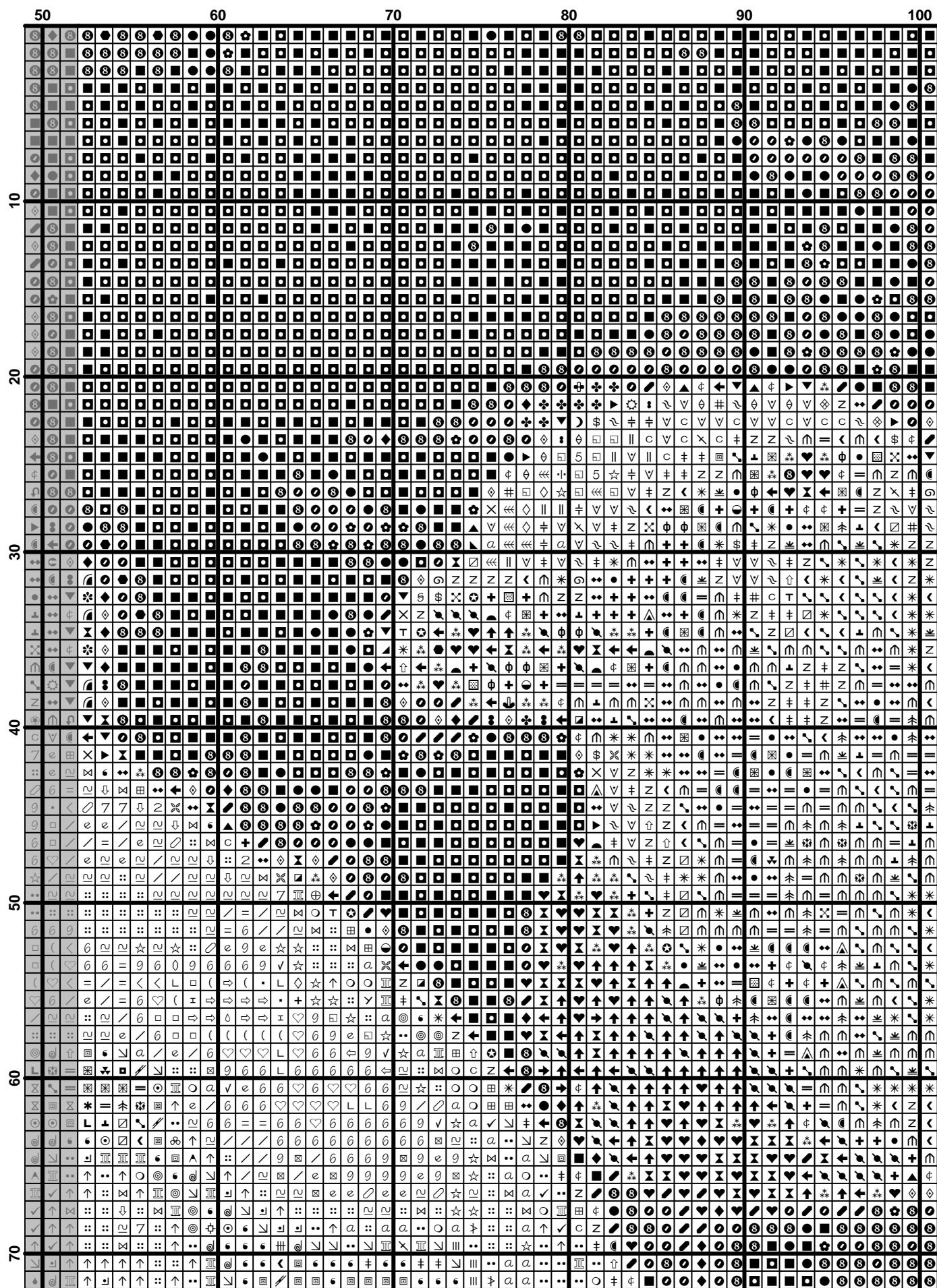
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3362	Pine Green-DK	228	89	212	83	199	78
3363	Pine Green-MD	140	55	131	51	123	48
3364	Pine Green	190	75	178	70	167	65
3721	Shell Pink-DK	43	17	40	16	38	15
3726	Antique Mauve-DK	32	12	30	11	28	11
3770	Tawny-VY LT	243	95	227	89	213	83
3772	Desert Sand-VY DK	138	54	129	50	121	47
3773	Desert Sand-MD	37	14	34	13	32	12
3774	Desert Sand-VY LT	331	130	309	121	290	114
3781	Mocha Brown-DK	113	44	105	41	98	38
3782	Mocha Brown-LT	165	65	154	61	145	57
3787	Brown Gray -DK	696	273	649	255	609	239
3790	Beige Gray-UL DK	423	167	395	155	370	146
3799	Pewter Gray-VY DK	844	332	788	310	739	290
3802	Antique Mauve-VY DK	354	139	330	130	309	122
3828	Hazelnut Brown	201	79	188	74	176	69
3856	Mahogany-UL VY LT	19	7	17	7	16	6
3859	Rosewood-LT	51	20	48	19	45	17
3860	Cocoa	33	13	31	12	29	11
3862	Mocha Beige-DK	311	122	290	114	272	107
3863	Mocha Beige-MD	280	110	261	103	245	96
3864	Mocha Beige-LT	55	21	52	20	48	19
ecru	Ecru	41	15	38	14	35	14

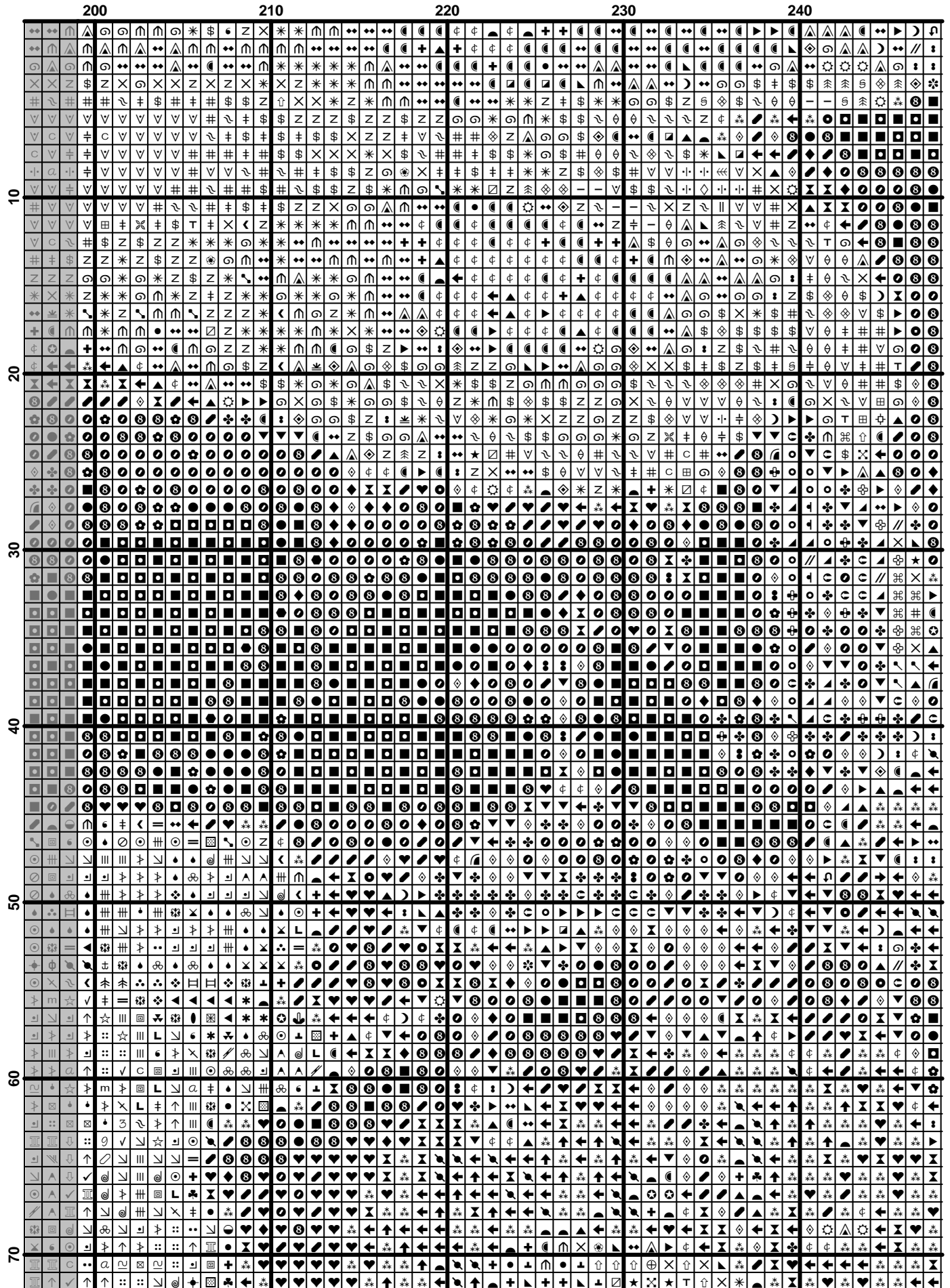


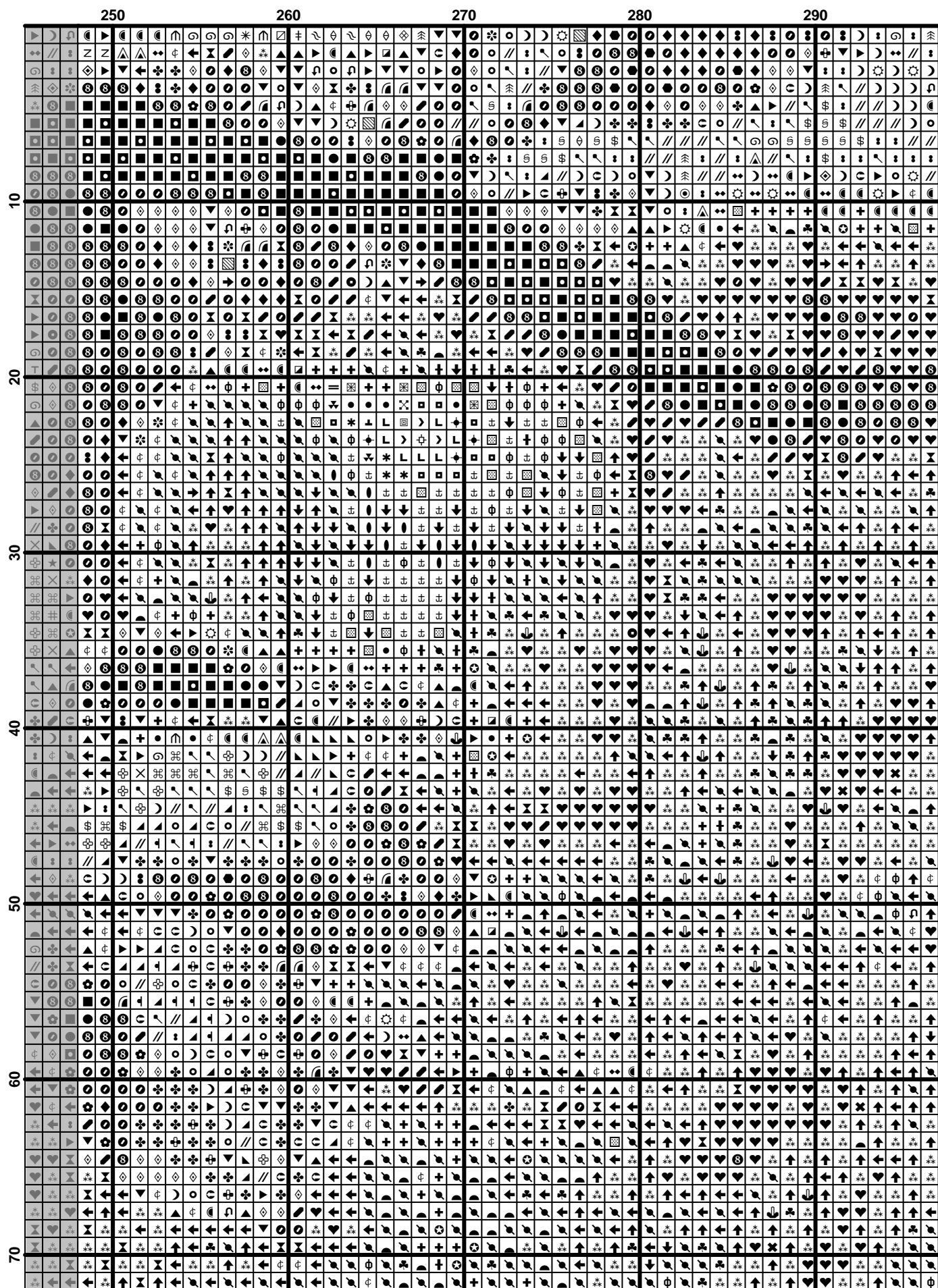


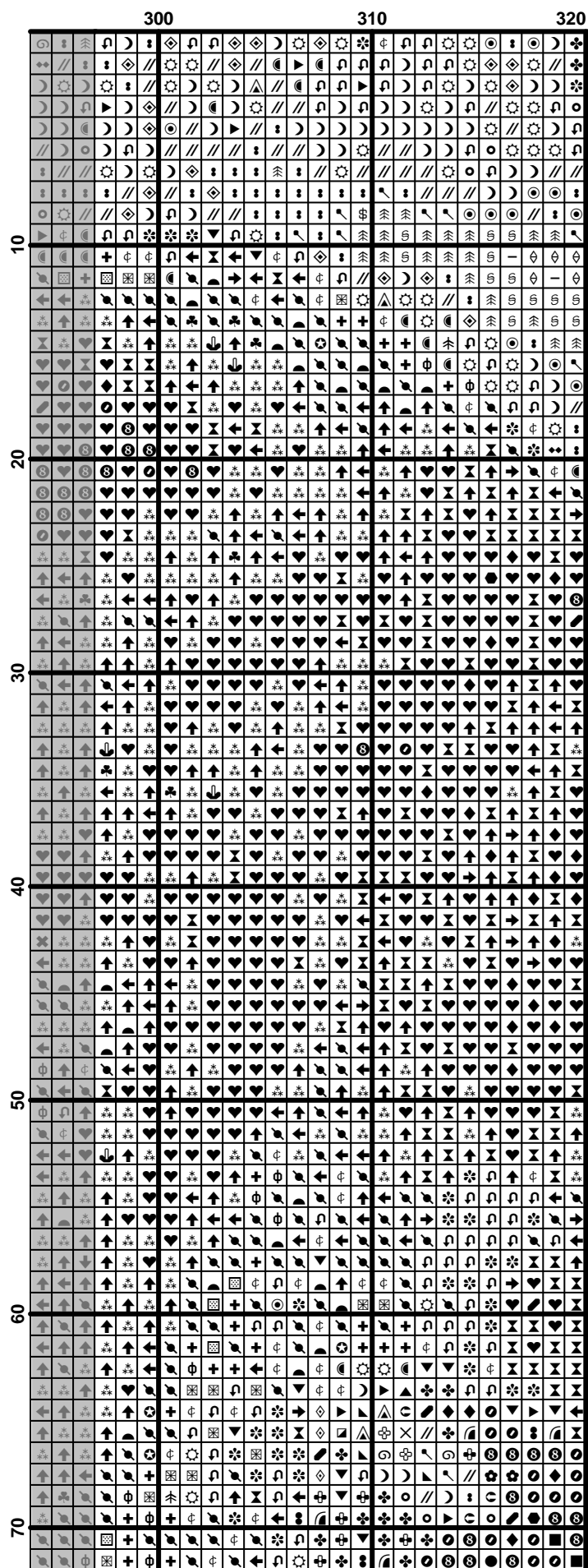


	100	110	120	130	140	150
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20	...	...	...	...	...	...
30	...	...	...	...	...	...
40	...	...	...	...	...	...
50	...	...	...	...	...	...
60	...	...	...	...	...	...
70	...	...	...	...	...	...

	150	160	170	180	190
10					
20					
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70					



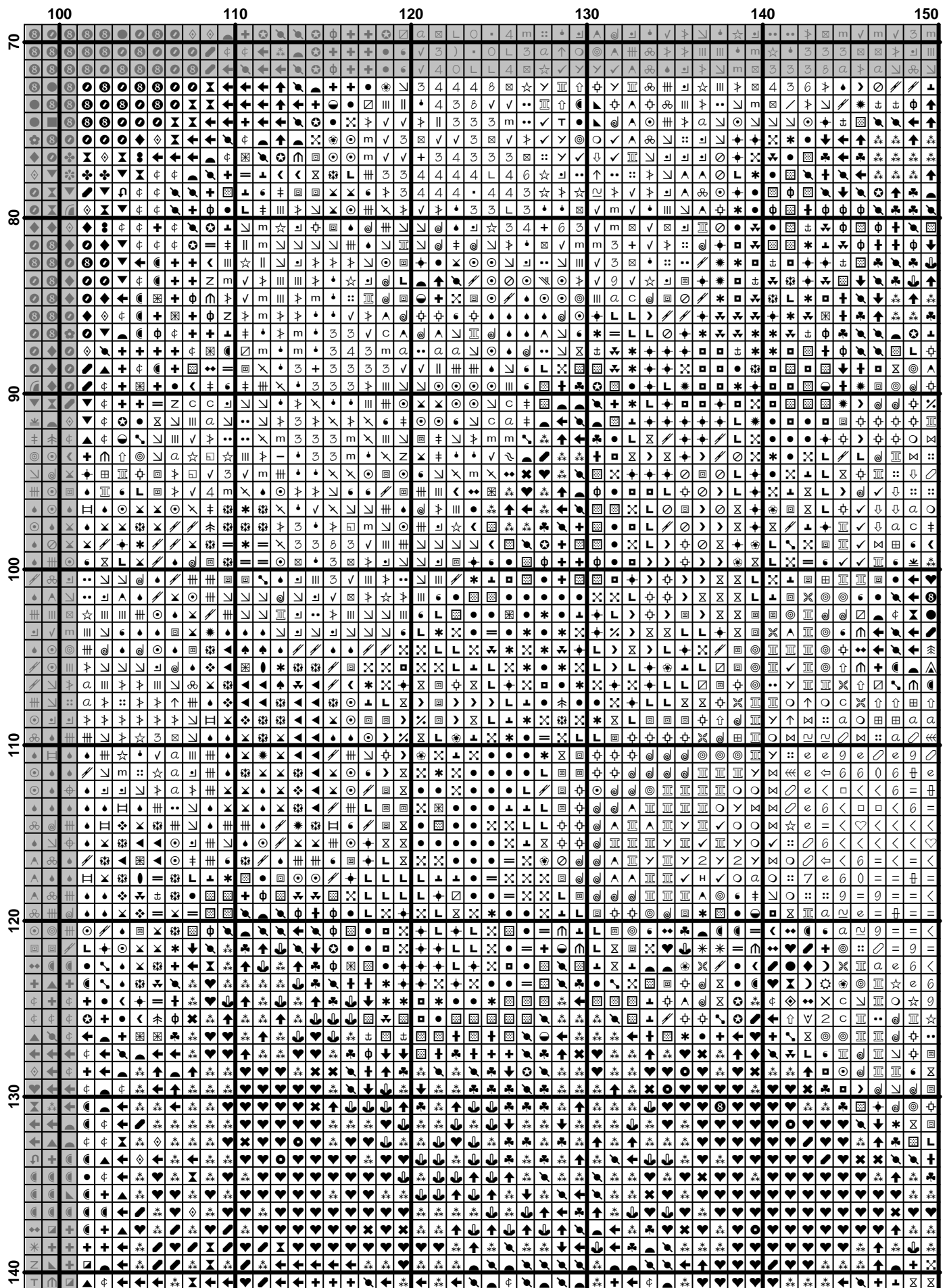






(16)

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

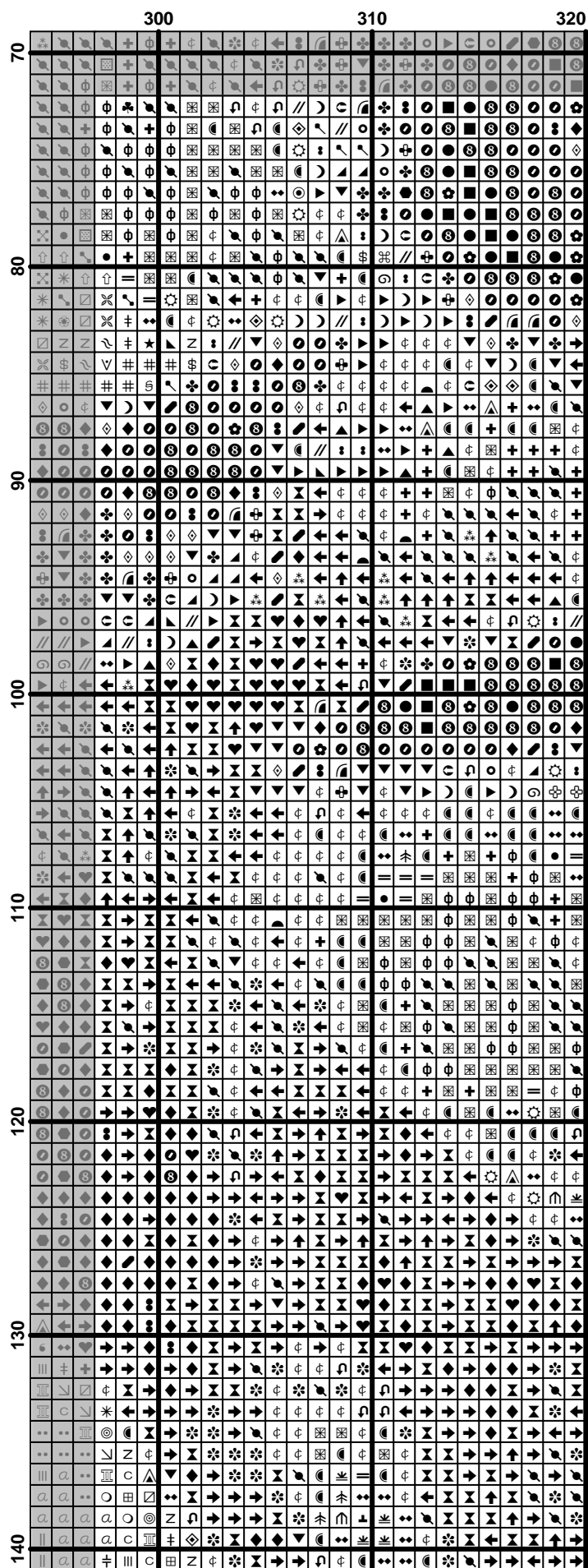


	150	160	170	180	190
70	...	...	...	...	...
80	...	...	...	...	...
90	...	...	...	...	...
100	...	...	...	...	...
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120	...	...	...	...	...
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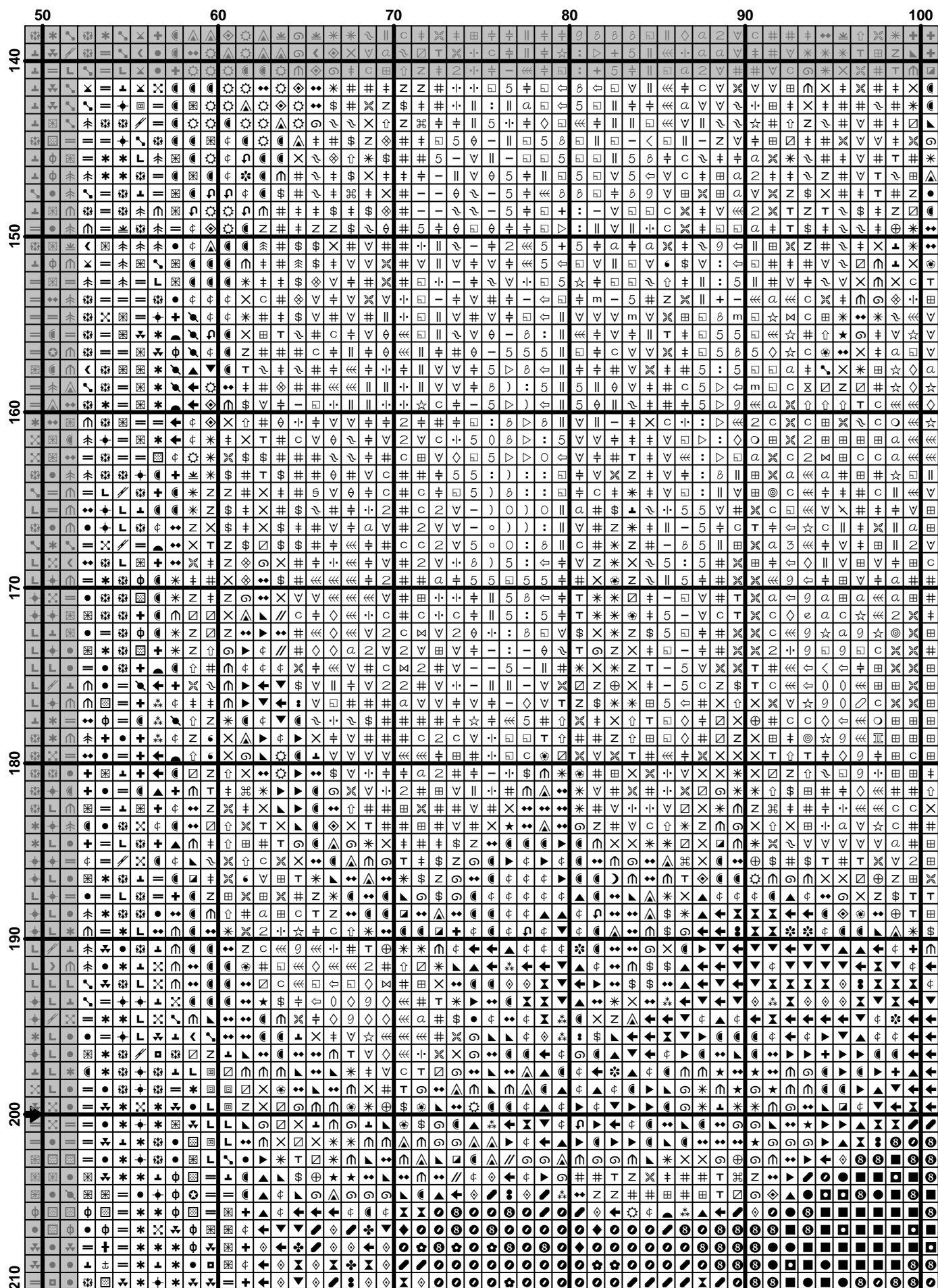
	200	210	220	230	240
70	...	...	...	...	...
80	...	...	...	...	...
90	...	...	...	...	...
100	...	...	...	...	...
110	...	...	...	...	...
120	...	...	...	...	...
130	...	...	...	...	...
140	...	...	...	...	...

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





	10	20	30	40	50
140	⊗	⊗	⊗	⊗	⊗
141	⊗	⊗	⊗	⊗	⊗
142	⊗	⊗	⊗	⊗	⊗
143	⊗	⊗	⊗	⊗	⊗
144	⊗	⊗	⊗	⊗	⊗
145	⊗	⊗	⊗	⊗	⊗
146	⊗	⊗	⊗	⊗	⊗
147	⊗	⊗	⊗	⊗	⊗
148	⊗	⊗	⊗	⊗	⊗
149	⊗	⊗	⊗	⊗	⊗
150	⊗	⊗	⊗	⊗	⊗
151	⊗	⊗	⊗	⊗	⊗
152	⊗	⊗	⊗	⊗	⊗
153	⊗	⊗	⊗	⊗	⊗
154	⊗	⊗	⊗	⊗	⊗
155	⊗	⊗	⊗	⊗	⊗
156	⊗	⊗	⊗	⊗	⊗
157	⊗	⊗	⊗	⊗	⊗
158	⊗	⊗	⊗	⊗	⊗
159	⊗	⊗	⊗	⊗	⊗
160	⊗	⊗	⊗	⊗	⊗
161	⊗	⊗	⊗	⊗	⊗
162	⊗	⊗	⊗	⊗	⊗
163	⊗	⊗	⊗	⊗	⊗
164	⊗	⊗	⊗	⊗	⊗
165	⊗	⊗	⊗	⊗	⊗
166	⊗	⊗	⊗	⊗	⊗
167	⊗	⊗	⊗	⊗	⊗
168	⊗	⊗	⊗	⊗	⊗
169	⊗	⊗	⊗	⊗	⊗
170	⊗	⊗	⊗	⊗	⊗
171	⊗	⊗	⊗	⊗	⊗
172	⊗	⊗	⊗	⊗	⊗
173	⊗	⊗	⊗	⊗	⊗
174	⊗	⊗	⊗	⊗	⊗
175	⊗	⊗	⊗	⊗	⊗
176	⊗	⊗	⊗	⊗	⊗
177	⊗	⊗	⊗	⊗	⊗
178	⊗	⊗	⊗	⊗	⊗
179	⊗	⊗	⊗	⊗	⊗
180	⊗	⊗	⊗	⊗	⊗
181	⊗	⊗	⊗	⊗	⊗
182	⊗	⊗	⊗	⊗	⊗
183	⊗	⊗	⊗	⊗	⊗
184	⊗	⊗	⊗	⊗	⊗
185	⊗	⊗	⊗	⊗	⊗
186	⊗	⊗	⊗	⊗	⊗
187	⊗	⊗	⊗	⊗	⊗
188	⊗	⊗	⊗	⊗	⊗
189	⊗	⊗	⊗	⊗	⊗
190	⊗	⊗	⊗	⊗	⊗
191	⊗	⊗	⊗	⊗	⊗
192	⊗	⊗	⊗	⊗	⊗
193	⊗	⊗	⊗	⊗	⊗
194	⊗	⊗	⊗	⊗	⊗
195	⊗	⊗	⊗	⊗	⊗
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197	⊗	⊗	⊗	⊗	⊗
198	⊗	⊗	⊗	⊗	⊗
199	⊗	⊗	⊗	⊗	⊗
200	⊗	⊗	⊗	⊗	⊗
201	⊗	⊗	⊗	⊗	⊗
202	⊗	⊗	⊗	⊗	⊗
203	⊗	⊗	⊗	⊗	⊗
204	⊗	⊗	⊗	⊗	⊗
205	⊗	⊗	⊗	⊗	⊗
206	⊗	⊗	⊗	⊗	⊗
207	⊗	⊗	⊗	⊗	⊗
208	⊗	⊗	⊗	⊗	⊗
209	⊗	⊗	⊗	⊗	⊗
210	⊗	⊗	⊗	⊗	⊗



$$(24) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left( \sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

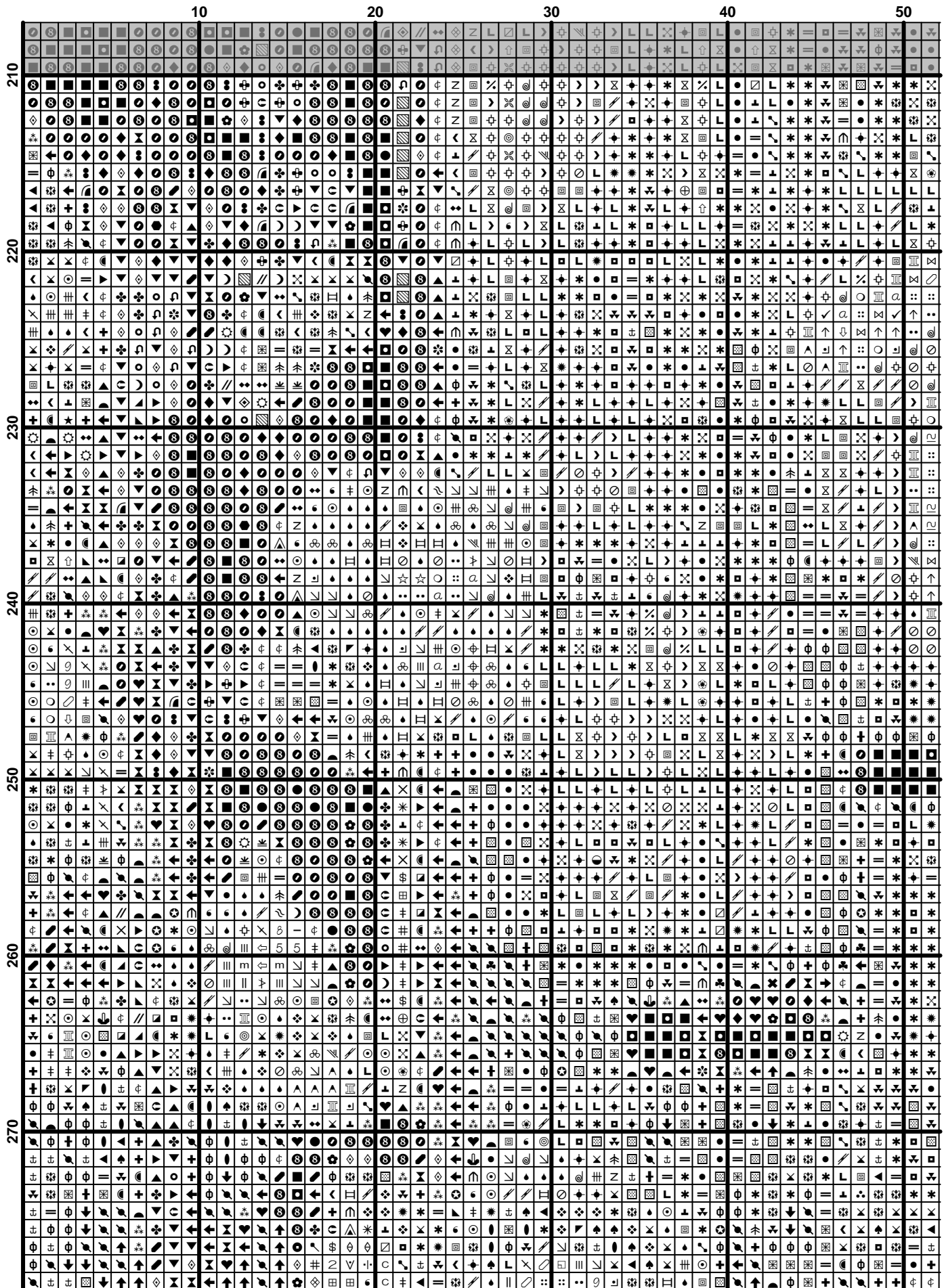
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140	⬇	⬇	⬇	⬇	⬇
150	⬇	⬇	⬇	⬇	⬇
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170	⬇	⬇	⬇	⬇	⬇
180	⬇	⬇	⬇	⬇	⬇
190	⬇	⬇	⬇	⬇	⬇
200	⬇	⬇	⬇	⬇	⬇
210	⬇	⬇	⬇	⬇	⬇

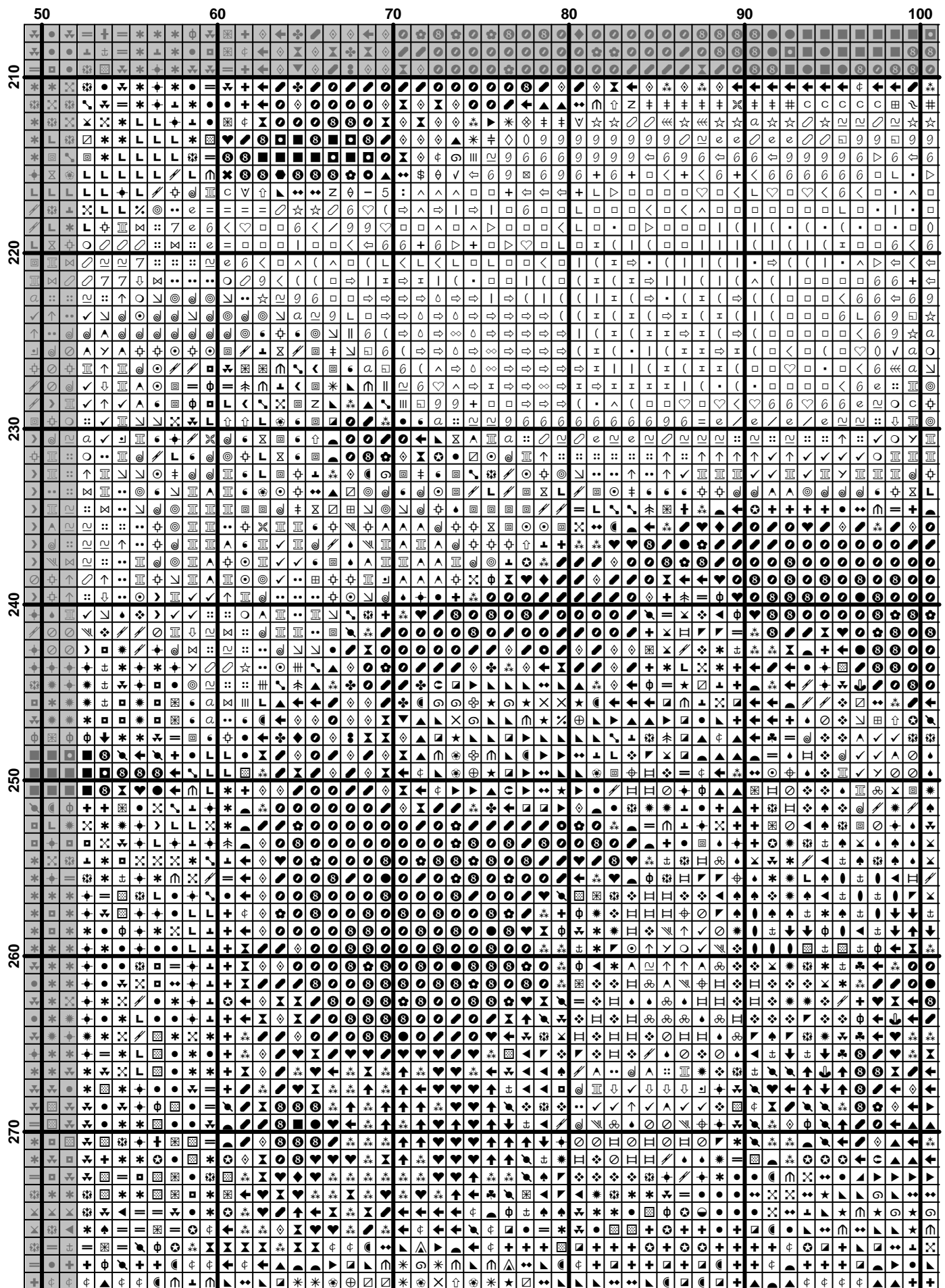
[illegible]



	250	260	270	280	290
140	L	Δ	•	□	↑
141	+	Δ	•	□	↑
142	□	Δ	•	□	↑
143	□	Δ	•	□	↑
144	□	Δ	•	□	↑
145	□	Δ	•	□	↑
146	□	Δ	•	□	↑
147	□	Δ	•	□	↑
148	□	Δ	•	□	↑
149	□	Δ	•	□	↑
150	□	Δ	•	□	↑
151	□	Δ	•	□	↑
152	□	Δ	•	□	↑
153	□	Δ	•	□	↑
154	□	Δ	•	□	↑
155	□	Δ	•	□	↑
156	□	Δ	•	□	↑
157	□	Δ	•	□	↑
158	□	Δ	•	□	↑
159	□	Δ	•	□	↑
160	□	Δ	•	□	↑
161	□	Δ	•	□	↑
162	□	Δ	•	□	↑
163	□	Δ	•	□	↑
164	□	Δ	•	□	↑
165	□	Δ	•	□	↑
166	□	Δ	•	□	↑
167	□	Δ	•	□	↑
168	□	Δ	•	□	↑
169	□	Δ	•	□	↑
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178	□	Δ	•	□	↑
179	□	Δ	•	□	↑
180	□	Δ	•	□	↑
181	□	Δ	•	□	↑
182	□	Δ	•	□	↑
183	□	Δ	•	□	↑
184	□	Δ	•	□	↑
185	□	Δ	•	□	↑
186	□	Δ	•	□	↑
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201	□	Δ	•	□	↑
202	□	Δ	•	□	↑
203	□	Δ	•	□	↑
204	□	Δ	•	□	↑
205	□	Δ	•	□	↑
206	□	Δ	•	□	↑
207	□	Δ	•	□	↑
208	□	Δ	•	□	↑
209	□	Δ	•	□	↑
210	□	Δ	•	□	↑

[illegible]





[illegible]

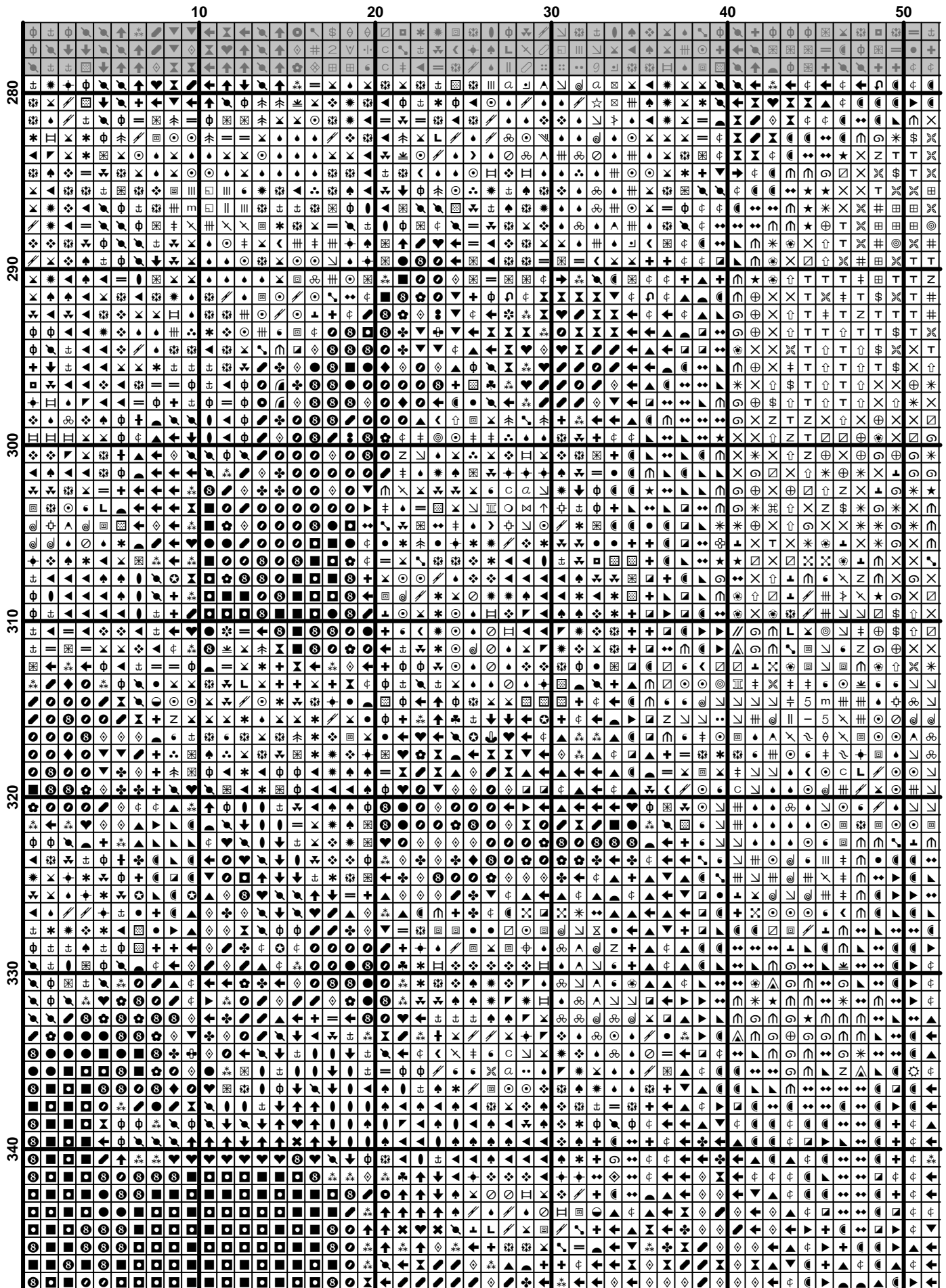
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250	...	...	...	...	...
260	...	...	...	...	...
270	...	...	...	...	...

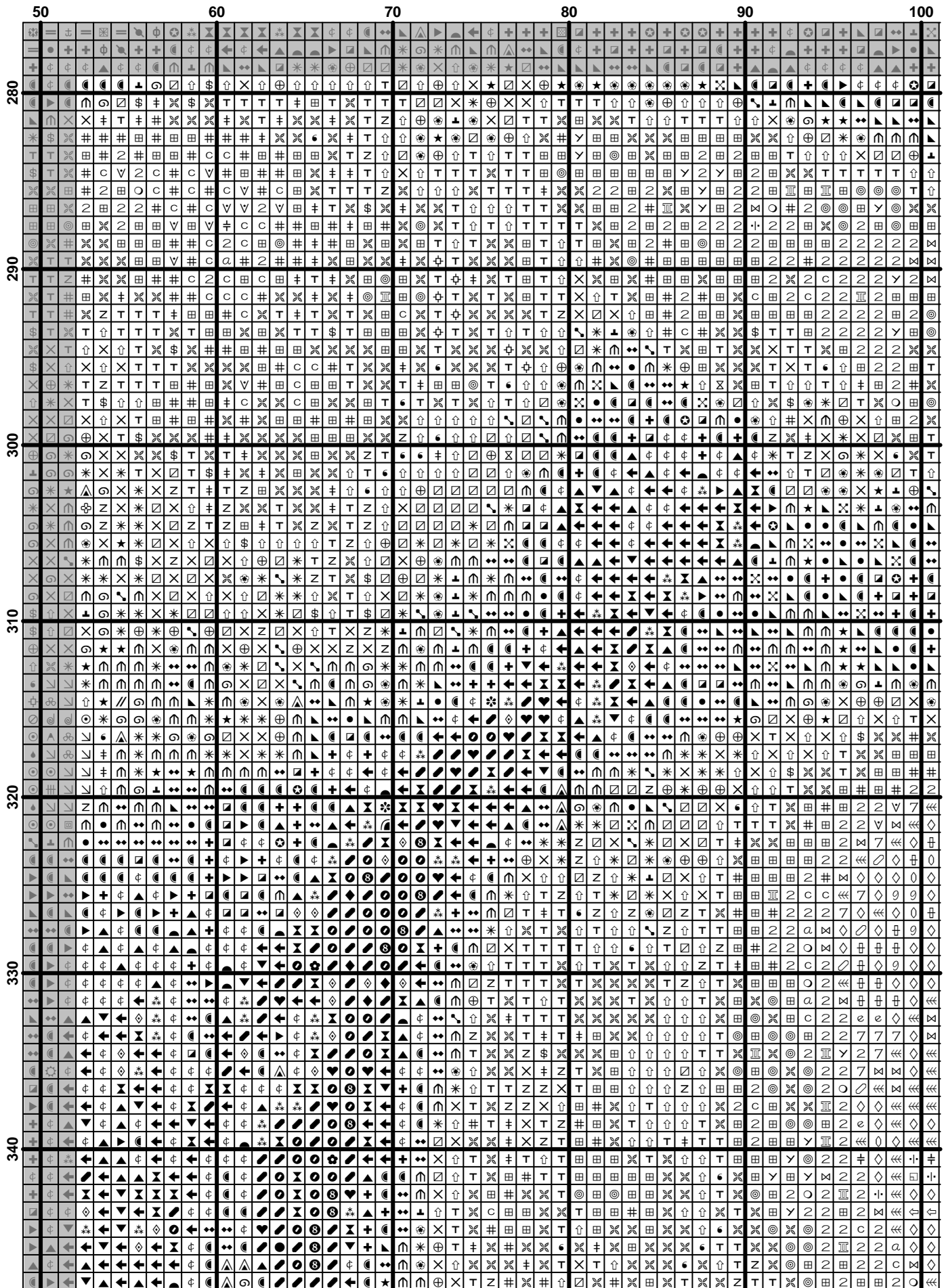
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210	X	X	X	X	X
220	X	X	X	X	X
230	X	X	X	X	X
240	X	X	X	X	X
250	X	X	X	X	X
260	X	X	X	X	X
270	X	X	X	X	X
280	X	X	X	X	X
290	X	X	X	X	X
300	X	X	X	X	X
310	X	X	X	X	X
320	X	X	X	X	X
330	X	X	X	X	X
340	X	X	X	X	X
350	X	X	X	X	X
360	X	X	X	X	X
370	X	X	X	X	X
380	X	X	X	X	X
390	X	X	X	X	X
400	X	X	X	X	X
410	X	X	X	X	X
420	X	X	X	X	X
430	X	X	X	X	X
440	X	X	X	X	X
450	X	X	X	X	X
460	X	X	X	X	X
470	X	X	X	X	X
480	X	X	X	X	X
490	X	X	X	X	X
500	X	X	X	X	X
510	X	X	X	X	X
520	X	X	X	X	X
530	X	X	X	X	X
540	X	X	X	X	X
550	X	X	X	X	X
560	X	X	X	X	X
570	X	X	X	X	X
580	X	X	X	X	X
590	X	X	X	X	X
600	X	X	X	X	X
610	X	X	X	X	X
620	X	X	X	X	X
630	X	X	X	X	X
640	X	X	X	X	X
650	X	X	X	X	X
660	X	X	X	X	X
670	X	X	X	X	X
680	X	X	X	X	X
690	X	X	X	X	X
700	X	X	X	X	X
710	X	X	X	X	X
720	X	X	X	X	X
730	X	X	X	X	X
740	X	X	X	X	X
750	X	X	X	X	X
760	X	X	X	X	X
770	X	X	X	X	X
780	X	X	X	X	X
790	X	X	X	X	X
800	X	X	X	X	X
810	X	X	X	X	X
820	X	X	X	X	X
830	X	X	X	X	X
840	X	X	X	X	X
850	X	X	X	X	X
860	X	X	X	X	X
870	X	X	X	X	X
880	X	X	X	X	X
890	X	X	X	X	X
900	X	X	X	X	X
910	X	X	X	X	X
920	X	X	X	X	X
930	X	X	X	X	X
940	X	X	X	X	X
950	X	X	X	X	X
960	X	X	X	X	X
970	X	X	X	X	X
980	X	X	X	X	X
990	X	X	X	X	X
1000	X	X	X	X	X

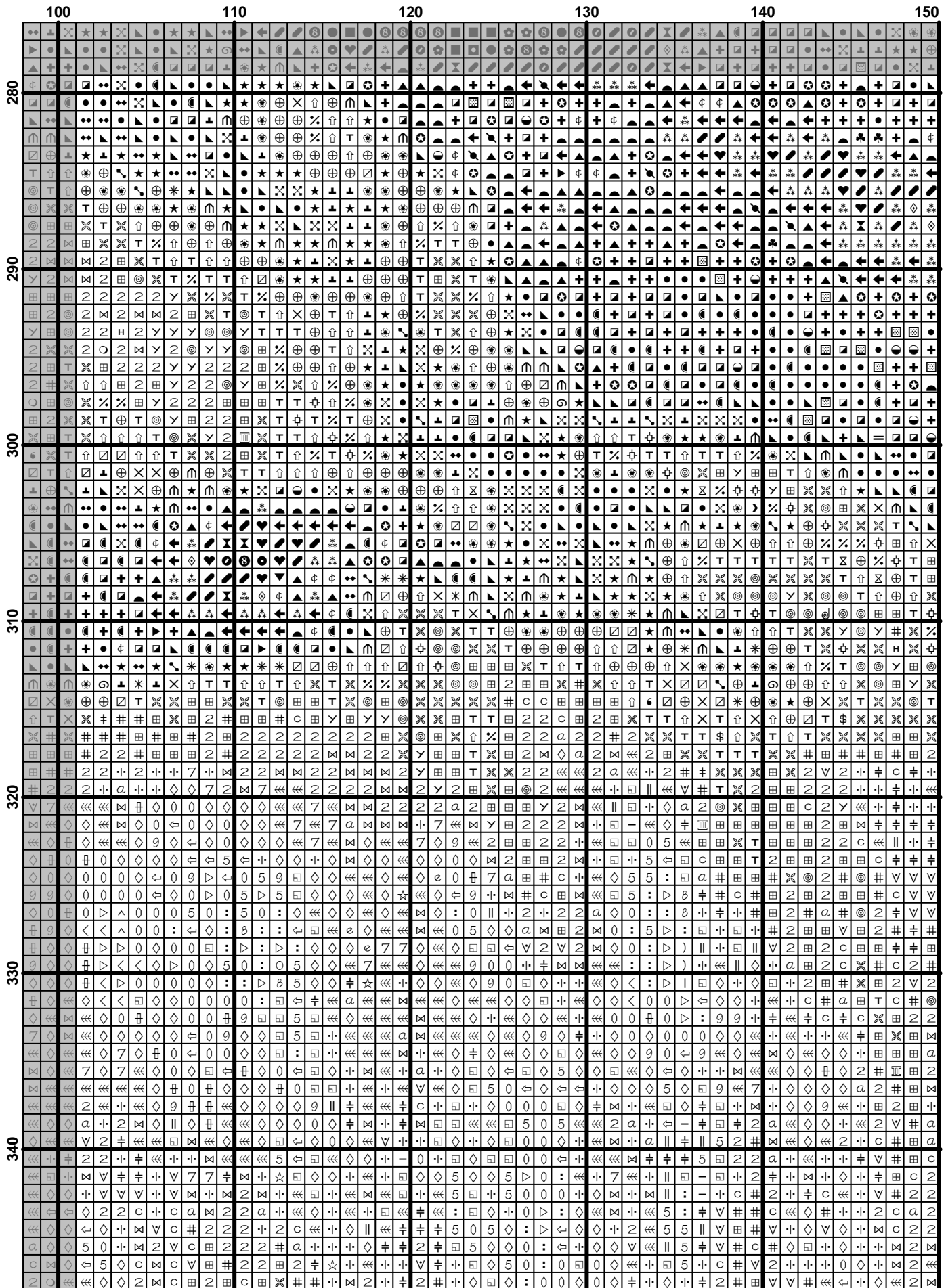
[illegible]



	300															310															320														
210	2	田	#	田	※	※	T	\$	T	Z	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△															
	0	0	#	#	田	田	†	T	Z	X	X	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*														
	V	0	#	†	#	#	†	†	X	X	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△														
	#	0	#	0	田	田	†	T	Z	T	X	X	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*														
	田	#	0	田	田	田	†	†	T	Z	T	X	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△														
220	2	#	0	田	田	田	†	†	T	X	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△														
	△	2	#	田	田	田	†	†	X	†	X	X	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△														
	△	△	#	0	田	田	†	T	Z	†	X	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△														
	0	†	2	0	2	田	田	†	†	†	†	X	X	X	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*														
	0	0	0	2	田	田	田	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†														
230	0	0	0	△	△	2	#	2	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田														
	2	2	△	△	△	2	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田														
	Y	Y	2	2	2	Q	△	△	田	T	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†														
	Y	Y	Y	2	Y	#	0	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†														
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240	田	田	2	2	2	2	Q	△	△	0	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†														
	田	田	Y	Y	Y	Y	2	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田	田														
	田	田	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y														
	田	田	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y														
	田	田	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y														
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	田	田	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y														
	田	田	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y														
	田	田	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y														
	田	田	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y														
260	田	田	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y														
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	田	田	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y														
	田	田	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y														
	田	田	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y														
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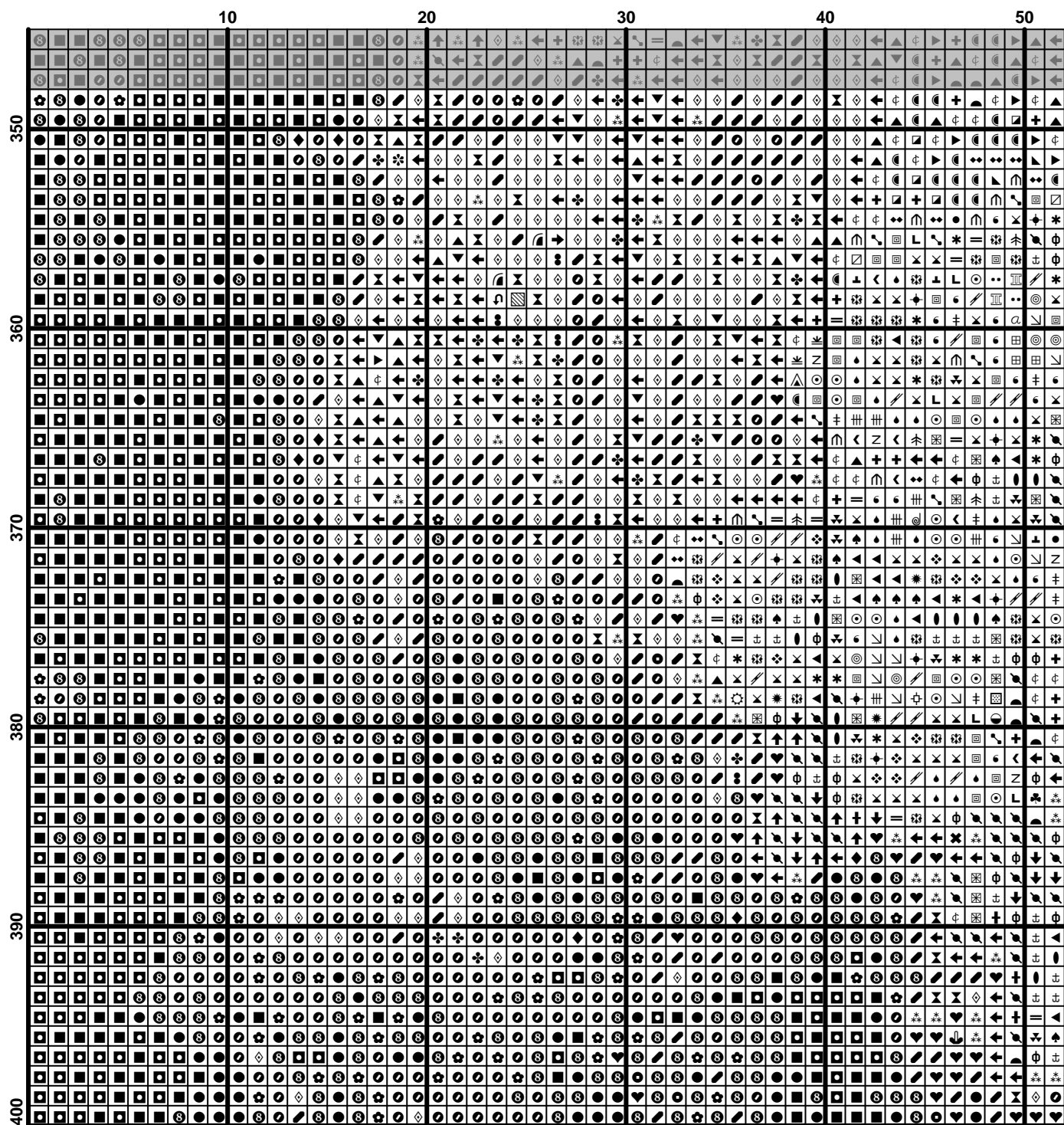
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300	...	...	...	...	...
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320	...	...	...	...	...
330	...	...	...	...	...
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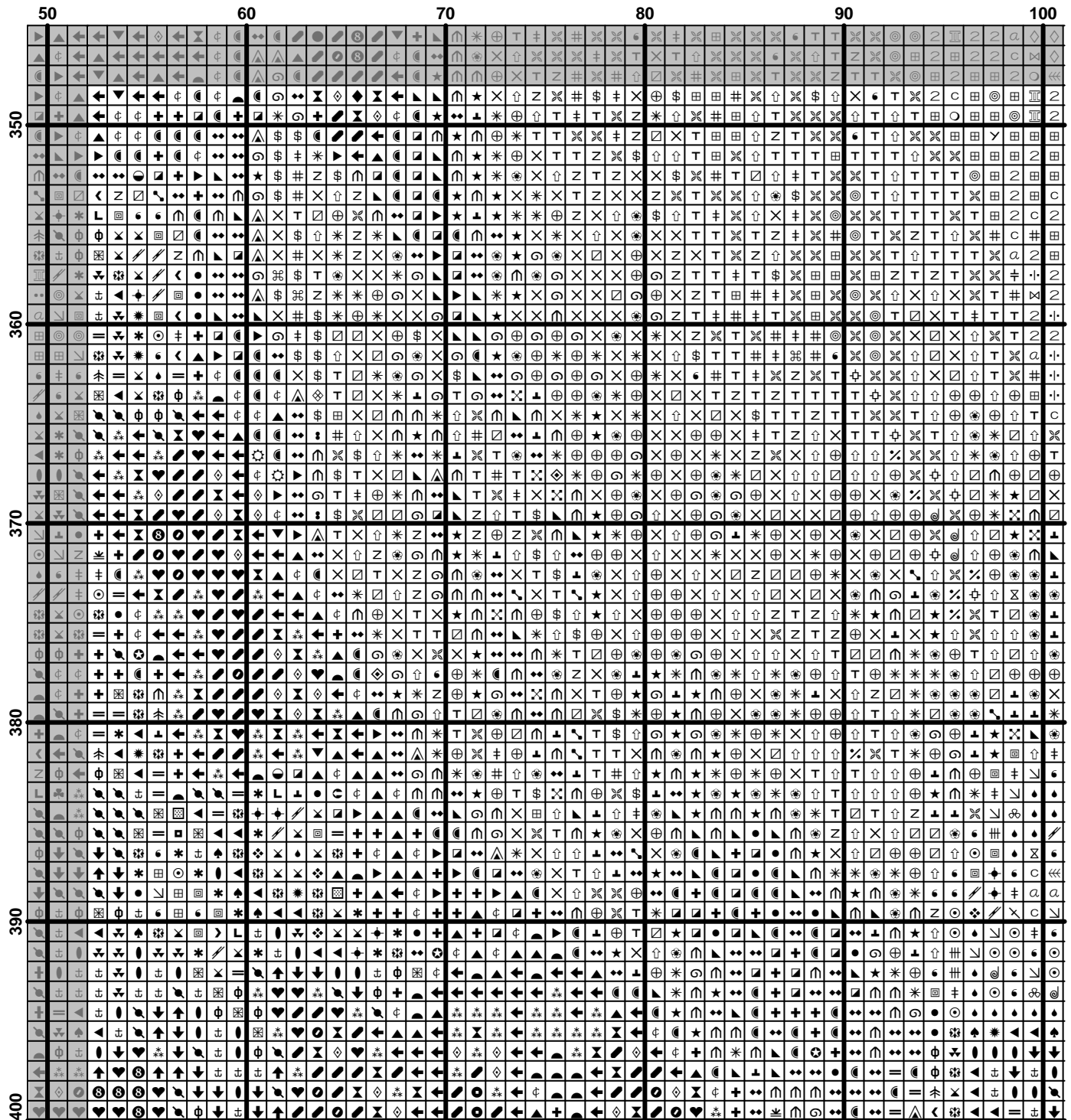
[illegible]

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

[illegible]







	100	110	120	130	140	150
350	Q	Q	Q	Q	Q	Q
360	Q	Q	Q	Q	Q	Q
370	Q	Q	Q	Q	Q	Q
380	Q	Q	Q	Q	Q	Q
390	Q	Q	Q	Q	Q	Q
400	Q	Q	Q	Q	Q	Q

[illegible]

[illegible]

[illegible]

