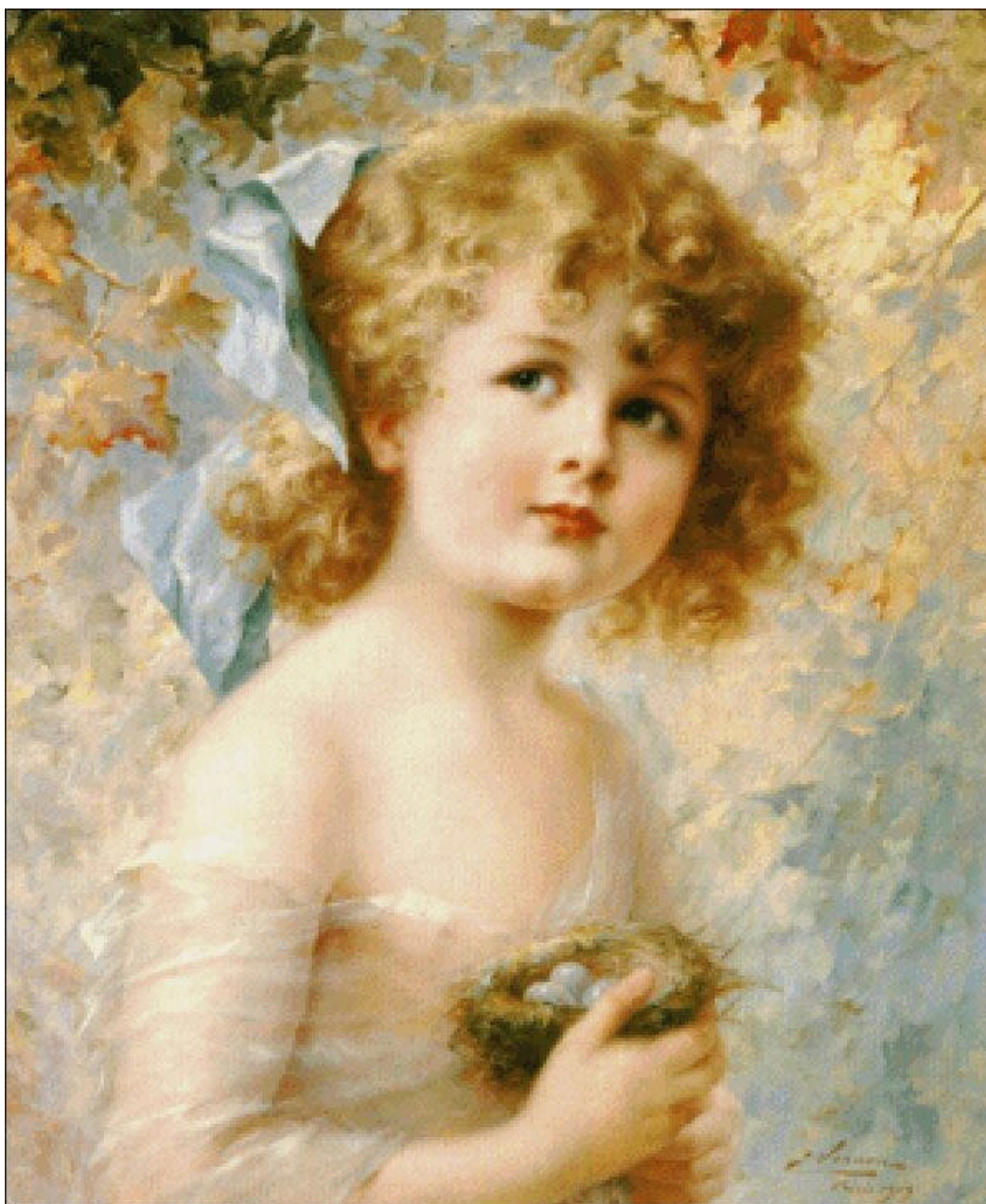


958 Girl Holding a Nest



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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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Girl Holding a Nest

Stitch Count		Recommended Fabric Color	
Horizontal:	300	Antique White	
Vertical:	364		















This table tells the size of the pattern (without any margins) and the size of the fabric required to stitch the pattern (including recommended margins). 3 inch margins have been added on each side in the 'Including Margins' row.







The sizes are given for 14, 16 and 18 stitches per inch fabrics.

Make sure to use the 'Including Margins' row when cutting the piece of fabric to be used. Also make sure that 3 inch margins are enough for your stitching technique and add more margin areas if necessary.

	14				16				18			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	55	21.37	66	25.87	48	18.7	58	22.64	43	16.625	52	20.125
Including Margins:	71	28	82	32	64	25	74	29	59	23	68	27
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	77	29.91	92	36.21	64	24.93	77	30.18	32	12.46	38	15.09
Including Margins:	93	36	108	43	80	31	93	37	48	19	54	22
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	30	11.96	36	14.48	29	11.5	35	13.93	28	11.08	34	13.41
Including Margins:	46	18	52	21	45	18	51	20	44	18	50	20
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	27	10.68	33	12.93	25	9.97	30	12.07	24	9.34	28	11.31
Including Margins:	43	17	49	19	41	16	46	19	40	16	44	18

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
	371	Mustard
	372	Mustard-LT
	407	Desert Sand-DK
	415	Pearl Gray
	420	Hazelnut Brown-DK
	422	Hazelnut Brown-LT
	435	Brown-VY LT
	436	Tan
	437	Tan-LT
	453	Shell Gray-LT
	502	Blue Green
	503	Blue Green-MD
	522	Fern Green
	523	Fern Green-LT
	524	Fern Green-VY LT
	543	Beige Brown-UL VY LT
	611	Drab Brown
	612	Drab Brown-LT
	613	Drab Brown-VY LT
	642	Beige Gray-DK
	644	Beige Gray-MD
	680	Old Gold-DK
	725	Topaz
	729	Old Gold-MD
	730	Olive Green-VY DK
	734	Olive Green-LT
	738	Tan-VY LT
	739	Tan-UL VY LT
	746	Off White
	754	Peach-LT
	762	Pearl Gray-VY LT
	780	Topaz-UL VY DK
	782	Topaz-DK
	822	Beige Gray-LT
	829	Golden Olive-VY DK
	831	Golden Olive-MD
	832	Golden Olive
	833	Golden Olive-LT
	842	Beige Brown-VY LT
	869	Hazelnut Brown-VY DK

	927	Gray Green-LT
	928	Gray Green-VY LT
	934	Black Avocado Green
	936	Avocado Green-VY DK
	938	Coffee Brown-UL DK
	945	Tawny
	948	Peach-VY LT
	950	Desert Sand-LT
	951	Tawny-LT
	3011	Khaki Green-DK
	3012	Khaki Green-MD
	3024	Brown Gray-VY LT
	3033	Mocha Brown-VY LT
	3045	Yellow Beige-DK
	3046	Yellow Beige-MD
	3051	Green Gray-DK
	3052	Green Gray-MD
	3072	Beaver Gray-VY LT
	3078	Golden Yellow-VY LT
	3362	Pine Green-DK
	3752	Antique Blue-VY LT
	3753	Antique Blue-UL VY LT
	3756	Baby Blue-UL VY LT
	3770	Tawny-VY LT
	3776	Mahogany-LT
	3782	Mocha Brown-LT
	3813	Blue Green-LT
	3815	Celadon Green-DK
	3816	Celadon Green-MD
	3817	Celadon Green-LT
	3822	Straw-LT
	3823	Yellow-UL Pale
	3826	Golden Brown
	3827	Golden Brown-Pale
	3829	Old Gold-VY DK
	3852	Straw-VY DK
	3854	Autumn Gold-MD
	3855	Autumn Gold-LT
	3856	Mahogany-UL VY LT
	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
	3822	Straw-LT	3827	Golden Brown-Pale
	3855	Autumn Gold-LT	3856	Mahogany-UL VY LT
	372	Mustard-LT	422	Hazelnut Brown-LT
	422	Hazelnut Brown-LT	3046	Yellow Beige-MD
	612	Drab Brown-LT	422	Hazelnut Brown-LT
	3078	Golden Yellow-VY LT	3856	Mahogany-UL VY LT

5	3078	Golden Yellow -VY LT	945	Tawny
/	3078	Golden Yellow -VY LT	3046	Yellow Beige-MD
9	3823	Yellow -UL Pale	951	Tawny -LT
н	950	Desert Sand-LT	739	Tan-UL VY LT
♠	738	Tan-VY LT	3864	Mocha Beige-LT
♦♦	436	Tan	3045	Yellow Beige-DK
☞	3853	Autumn Gold-DK	3854	Autumn Gold-MD
—	3752	Antique Blue-VY LT	3753	Antique Blue-UL VY LT
ج	3024	Brown Gray -VY LT	415	Pearl Gray
∪	3743	Antique Violet-VY LT	3866	Mocha Brown-UL VY LT
●	936	Avocado Green-VY DK	938	Coffee Brown-UL DK
☆	829	Golden Olive-VY DK	936	Avocado Green-VY DK
■	3816	Celadon Green-MD	936	Avocado Green-VY DK
◆	730	Olive Green-VY DK	3051	Green Gray-DK
✕	831	Golden Olive-MD	937	Avocado Green-MD
●	934	Black Avocado Green	936	Avocado Green-VY DK
×	936	Avocado Green-VY DK	502	Blue Green
♥	936	Avocado Green-VY DK	937	Avocado Green-MD
○	937	Avocado Green-MD	938	Coffee Brown-UL DK
∩	730	Olive Green-VY DK	831	Golden Olive-MD
III	3012	Khaki Green-MD	420	Hazelnut Brown-DK
♠	3816	Celadon Green-MD	3052	Green Gray-MD
♣	3052	Green Gray-MD	936	Avocado Green-VY DK
e	829	Golden Olive-VY DK	3346	Hunter Green
†	831	Golden Olive-MD	832	Golden Olive
✱	729	Old Gold-MD	832	Golden Olive
✕	372	Mustard-LT	3045	Yellow Beige-DK
*	782	Topaz-DK	680	Old Gold-DK
↘	371	Mustard	372	Mustard-LT
❖	734	Olive Green-LT	3045	Yellow Beige-DK
●	371	Mustard	3012	Khaki Green-MD
⬆	372	Mustard-LT	3052	Green Gray-MD
☾	3012	Khaki Green-MD	3829	Old Gold-VY DK
◐	780	Topaz-UL VY DK	3829	Old Gold-VY DK
III	729	Old Gold-MD	680	Old Gold-DK
☾	780	Topaz-UL VY DK	782	Topaz-DK
\$	436	Tan	3776	Mahogany-LT
♠	435	Brown-VY LT	3045	Yellow Beige-DK
∅	422	Hazelnut Brown-LT	734	Olive Green-LT
m	422	Hazelnut Brown-LT	977	Golden Brown-LT
☐	3776	Mahogany-LT	783	Topaz-MD
☾	927	Gray Green-LT	524	Fern Green-VY LT
±	642	Beige Gray-DK	927	Gray Green-LT
٪	3024	Brown Gray -VY LT	928	Gray Green-VY LT
☐	522	Fern Green	523	Fern Green-LT
↔	945	Tawny	613	Drab Brown-VY LT
☐	3752	Antique Blue-VY LT	3817	Celadon Green-LT
◇	833	Golden Olive-LT	371	Mustard
◎	612	Drab Brown-LT	372	Mustard-LT
↘	612	Drab Brown-LT	738	Tan-VY LT
н	3813	Blue Green-LT	648	Beaver Gray-LT
т	927	Gray Green-LT	928	Gray Green-VY LT
‡	842	Beige Brown-VY LT	3864	Mocha Beige-LT
▼	927	Gray Green-LT	3816	Celadon Green-MD
2	369	Pistachio Green-VY LT	3024	Brown Gray -VY LT
7	3752	Antique Blue-VY LT	3072	Beaver Gray-VY LT
❖	3756	Baby Blue-UL VY LT	762	Pearl Gray-VY LT
::	746	Off White	3866	Mocha Brown-UL VY LT
c	746	Off White	3756	Baby Blue-UL VY LT

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L	3813	Blue Green-LT	3816	Celadon Green-MD
Ⓢ	938	Coffee Brown-UL DK	829	Golden Olive-VY DK
♣	522	Fern Green	3815	Celadon Green-DK
✱	420	Hazelnut Brown-DK	680	Old Gold-DK
⊕	780	Topaz-UL VY DK	920	Copper-MD
▲	780	Topaz-UL VY DK	420	Hazelnut Brown-DK
✕	829	Golden Olive-VY DK	869	Hazelnut Brown-VY DK
⇒	3856	Mahogany-UL VY LT	3046	Yellow Beige-MD
☒	3078	Golden Yellow -VY LT	422	Hazelnut Brown-LT
(948	Peach-VY LT	3770	Tawny -VY LT
«	420	Hazelnut Brown-DK	831	Golden Olive-MD
n	739	Tan-UL VY LT	613	Drab Brown-VY LT
►	832	Golden Olive	780	Topaz-UL VY DK
■	831	Golden Olive-MD	434	Brown-LT
☼	977	Golden Brown-LT	734	Olive Green-LT
☛	730	Olive Green-VY DK	829	Golden Olive-VY DK
▼	720	Orange Spice-DK	780	Topaz-UL VY DK
Ⓢ	720	Orange Spice-DK	782	Topaz-DK
✱	3853	Autumn Gold-DK	783	Topaz-MD
○	720	Orange Spice-DK	783	Topaz-MD
β	3855	Autumn Gold-LT	3078	Golden Yellow -VY LT
⊕	782	Topaz-DK	783	Topaz-MD
⊕	524	Fern Green-VY LT	613	Drab Brown-VY LT
←	869	Hazelnut Brown-VY DK	780	Topaz-UL VY DK
★	436	Tan	977	Golden Brown-LT
⊕	3776	Mahogany-LT	977	Golden Brown-LT
☼	3856	Mahogany-UL VY LT	437	Tan-LT
◀	945	Tawny	437	Tan-LT
↑	780	Topaz-UL VY DK	829	Golden Olive-VY DK
✓	754	Peach-LT	951	Tawny -LT
◊	746	Off White	3770	Tawny -VY LT
↘	422	Hazelnut Brown-LT	436	Tan
⊕	435	Brown-VY LT	436	Tan
◀	780	Topaz-UL VY DK	783	Topaz-MD
	642	Beige Gray-DK	3864	Mocha Beige-LT
◇	928	Gray Green-VY LT	543	Beige Brown-UL VY LT
u	453	Shell Gray-LT	822	Beige Gray-LT
✧	3770	Tawny -VY LT	822	Beige Gray-LT
○	746	Off White	3865	Winter White
α	822	Beige Gray-LT	948	Peach-VY LT
Ⓢ	644	Beige Gray-MD	928	Gray Green-VY LT
⊕	927	Gray Green-LT	3813	Blue Green-LT
⊕	613	Drab Brown-VY LT	644	Beige Gray-MD
⊕	613	Drab Brown-VY LT	842	Beige Brown-VY LT
⊕	435	Brown-VY LT	612	Drab Brown-LT
⊕	927	Gray Green-LT	522	Fern Green
▲	937	Avocado Green-MD	3012	Khaki Green-MD
↑	928	Gray Green-VY LT	369	Pistachio Green-VY LT
☼	927	Gray Green-LT	369	Pistachio Green-VY LT
L	613	Drab Brown-VY LT	369	Pistachio Green-VY LT
⊕	3011	Khaki Green-DK	3012	Khaki Green-MD
▲	3012	Khaki Green-MD	833	Golden Olive-LT

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

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		14		16		18	
369	Pistachio Green-VY LT	342	134	325	127	293	115
371	Mustard	311	122	296	116	266	104
372	Mustard-LT	598	235	569	224	512	201
407	Desert Sand-DK	11	4	10	3	9	3
415	Pearl Gray	246	96	234	92	210	82
420	Hazelnut Brown-DK	236	92	225	88	202	79
422	Hazelnut Brown-LT	1052	414	1002	394	902	355
434	Brown-LT	83	32	79	31	71	27
435	Brown-VY LT	230	90	219	86	197	77
436	Tan	271	106	258	101	232	91
437	Tan-LT	289	113	276	108	248	97
453	Shell Gray-LT	458	180	436	171	392	154
502	Blue Green	17	6	16	6	14	5
503	Blue Green-MD	22	8	20	7	18	7
522	Fern Green	63	24	60	23	54	21
523	Fern Green-LT	140	55	133	52	120	47
524	Fern Green-VY LT	749	294	713	280	642	252
543	Beige Brown-UL VY LT	566	222	539	212	485	190
611	Drab Brown	13	5	12	4	11	4
612	Drab Brown-LT	309	121	294	115	265	104
613	Drab Brown-VY LT	1457	573	1388	546	1249	491
642	Beige Gray-DK	79	31	75	29	67	26
644	Beige Gray-MD	478	188	455	179	410	161
648	Beaver Gray-LT	237	93	225	88	203	79
680	Old Gold-DK	534	210	508	200	457	179
720	Orange Spice-DK	24	9	23	9	21	8
725	Topaz	5	1	5	1	5	1
729	Old Gold-MD	300	118	285	112	257	101
730	Olive Green-VY DK	169	66	161	63	144	56
734	Olive Green-LT	339	133	323	127	290	114
738	Tan-VY LT	1161	457	1106	435	995	391
739	Tan-UL VY LT	1050	413	1000	393	900	354
746	Off White	778	306	741	291	667	262
754	Peach-LT	305	120	291	114	262	103
762	Pearl Gray-VY LT	117	46	112	44	101	39
780	Topaz-UL VY DK	560	220	533	209	480	188
782	Topaz-DK	173	68	165	64	148	58
783	Topaz-MD	77	30	74	29	66	25
822	Beige Gray-LT	1098	432	1045	411	941	370
829	Golden Olive-VY DK	514	202	489	192	440	173
831	Golden Olive-MD	327	128	312	122	281	110
832	Golden Olive	295	116	281	110	253	99
833	Golden Olive-LT	307	120	293	115	263	103
842	Beige Brown-VY LT	570	224	543	213	489	192
869	Hazelnut Brown-VY DK	180	70	171	67	154	60
920	Copper-MD	5	1	5	1	4	1
927	Gray Green-LT	525	206	500	196	450	177
928	Gray Green-VY LT	1048	412	998	392	898	353
934	Black Avocado Green	98	38	93	36	84	33
936	Avocado Green-VY DK	257	101	244	96	220	86
937	Avocado Green-MD	64	25	61	24	55	21
938	Coffee Brown-UL DK	136	53	129	50	116	45
945	Tawny	810	318	772	303	695	273
948	Peach-VY LT	1179	464	1123	442	1011	398

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950	Desert Sand-LT	314	123	299	117	269	105
951	Tawny-LT	1012	398	964	379	868	341
977	Golden Brown-LT	134	52	128	50	115	45
3011	Khaki Green-DK	59	23	56	22	50	19
3012	Khaki Green-MD	318	125	303	119	273	107
3024	Brown Gray-VY LT	440	173	419	164	377	148
3033	Mocha Brown-VY LT	96	37	92	36	82	32
3045	Yellow Beige-DK	526	207	501	197	451	177
3046	Yellow Beige-MD	322	126	307	120	276	108
3051	Green Gray-DK	53	20	50	19	45	17
3052	Green Gray-MD	92	36	88	34	79	31
3072	Beaver Gray-VY LT	352	138	335	131	301	118
3078	Golden Yellow-VY LT	526	207	501	197	451	177
3346	Hunter Green	23	9	21	8	19	7
3362	Pine Green-DK	11	4	10	3	9	3
3743	Antique Violet-VY LT	35	13	33	12	30	11
3752	Antique Blue-VY LT	305	120	291	114	261	102
3753	Antique Blue-UL VY LT	69	27	65	25	59	23
3756	Baby Blue-UL VY LT	106	41	101	39	91	35
3770	Tawny-VY LT	1705	671	1624	639	1462	575
3776	Mahogany-LT	20	7	19	7	17	6
3782	Mocha Brown-LT	181	71	172	67	155	61
3813	Blue Green-LT	450	177	429	168	386	151
3815	Celadon Green-DK	14	5	13	5	12	4
3816	Celadon Green-MD	80	31	76	29	68	26
3817	Celadon Green-LT	200	78	190	74	171	67
3822	Straw-LT	14	5	13	5	12	4
3823	Yellow-UL Pale	391	153	372	146	335	131
3826	Golden Brown	38	14	36	14	32	12
3827	Golden BrownPale	49	19	47	18	42	16
3829	Old Gold-VY DK	293	115	279	109	251	98
3852	Straw-VY DK	13	5	13	5	11	4
3853	Autumn Gold-DK	6	2	6	2	5	1
3854	Autumn Gold-MD	10	3	10	3	9	3
3855	Autumn Gold-LT	61	24	58	22	52	20
3856	Mahogany-UL VY LT	216	85	206	81	185	72
3864	Mocha Beige-LT	473	186	451	177	405	159
3865	Winter White	124	48	118	46	106	41
3866	Mocha Brown-UL VY LT	302	118	288	113	259	101
Ecru	Ecru	80	31	76	29	68	26

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
369	Pistachio Green-VY LT	527	207	440	173	220	86
371	Mustard	479	187	399	156	200	78
372	Mustard-LT	922	362	768	302	384	151
407	Desert Sand-DK	16	5	14	5	7	2
415	Pearl Gray	378	148	315	123	158	62
420	Hazelnut Brown-DK	364	142	303	119	152	59
422	Hazelnut Brown-LT	1624	639	1353	533	677	266
434	Brown-LT	128	49	107	41	53	20
435	Brown-VY LT	355	139	296	116	148	58
436	Tan	418	164	348	137	174	68
437	Tan-LT	446	175	372	146	186	73
453	Shell Gray-LT	706	277	588	231	294	116

502	Blue Green	25	9	21	8	11	4
503	Blue Green-MD	32	13	27	11	14	5
522	Fern Green	97	38	81	32	41	16
523	Fern Green-LT	216	85	180	71	90	35
524	Fern Green-VY LT	1156	454	963	378	482	189
543	Beige Brown-UL VY LT	873	342	728	285	364	143
611	Drab Brown	20	7	17	6	8	3
612	Drab Brown-LT	477	187	398	156	199	78
613	Drab Brown-VY LT	2248	884	1874	737	937	368
642	Beige Gray-DK	121	47	101	39	50	20
644	Beige Gray-MD	738	290	615	242	308	121
648	Beaver Gray-LT	365	142	305	119	152	59
680	Old Gold-DK	823	322	686	269	343	134
720	Orange Spice-DK	38	14	32	12	16	6
725	Topaz	9	2	8	2	4	1
729	Old Gold-MD	463	182	386	152	193	76
730	Olive Green-VY DK	259	101	216	84	108	42
734	Olive Green-LT	522	205	435	171	218	86
738	Tan-VY LT	1791	704	1493	587	746	293
739	Tan-UL VY LT	1620	637	1350	531	675	266
746	Off White	1201	472	1001	393	500	197
754	Peach-LT	472	185	393	155	197	77
762	Pearl Gray-VY LT	182	70	152	59	76	29
780	Topaz-UL VY DK	864	338	720	282	360	141
782	Topaz-DK	266	104	222	87	111	44
783	Topaz-MD	119	45	99	38	50	19
822	Beige Gray-LT	1694	666	1412	555	706	278
829	Golden Olive-VY DK	792	311	660	260	330	130
831	Golden Olive-MD	506	198	422	165	211	83
832	Golden Olive	455	178	380	149	190	74
833	Golden Olive-LT	473	185	395	155	197	77
842	Beige Brown-VY LT	880	346	734	288	367	144
869	Hazelnut Brown-VY DK	277	108	231	90	116	45
920	Copper-MD	7	2	6	2	3	1
927	Gray Green-LT	810	319	675	266	338	133
928	Gray Green-VY LT	1616	635	1347	530	674	265
934	Black Avocado Green	151	59	126	50	63	25
936	Avocado Green-VY DK	396	155	330	129	165	65
937	Avocado Green-MD	99	38	83	32	41	16
938	Coffee Brown-UL DK	209	81	174	68	87	34
945	Tawny	1251	491	1043	410	521	205
948	Peach-VY LT	1820	716	1517	597	758	299
950	Desert Sand-LT	484	189	404	158	202	79
951	Tawny-LT	1562	614	1302	512	651	256
977	Golden Brown-LT	207	81	173	68	86	34
3011	Khaki Green-DK	90	34	75	29	38	14
3012	Khaki Green-MD	491	193	410	161	205	80
3024	Brown Gray-VY LT	679	266	566	222	283	111
3033	Mocha Brown-VY LT	148	58	123	48	62	24
3045	Yellow Beige-DK	812	319	677	266	338	133
3046	Yellow Beige-MD	497	194	414	162	207	81
3051	Green Gray-DK	81	31	68	26	34	13
3052	Green Gray-MD	142	56	119	47	59	23
3072	Beaver Gray-VY LT	542	212	452	177	226	89
3078	Golden Yellow-VY LT	812	319	677	266	338	133
3346	Hunter Green	34	13	29	11	14	5
3362	Pine Green-DK	16	5	14	5	7	2
3743	Antique Violet-VY LT	54	20	45	17	23	8
3752	Antique Blue-VY LT	470	184	392	153	196	77

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3753	Antique Blue-UL VY LT	106	41	89	35	44	17
3756	Baby Blue-UL VY LT	164	63	137	53	68	26
3770	Tawny-VY LT	2632	1035	2193	863	1097	431
3776	Mahogany-LT	31	11	26	9	13	5
3782	Mocha Brown-LT	279	110	233	92	116	46
3813	Blue Green-LT	695	272	579	227	290	113
3815	Celadon Green-DK	22	7	18	6	9	3
3816	Celadon Green-MD	122	47	102	39	51	20
3817	Celadon Green-LT	308	121	257	101	128	50
3822	Straw-LT	22	7	18	6	9	3
3823	Yellow-UL Pale	603	236	503	197	251	98
3826	Golden Brown	58	22	48	18	24	9
3827	Golden Brown-Pale	76	29	63	24	32	12
3829	Old Gold-VY DK	452	176	377	147	188	74
3852	Straw-VY DK	20	7	17	6	8	3
3853	Autumn Gold-DK	9	2	8	2	4	1
3854	Autumn Gold-MD	16	5	14	5	7	2
3855	Autumn Gold-LT	94	36	78	30	39	15
3856	Mahogany-UL VY LT	333	130	278	108	139	54
3864	Mocha Beige-LT	729	286	608	239	304	119
3865	Winter White	191	74	159	62	80	31
3866	Mocha Brown-UL VY LT	466	182	389	152	194	76
Ecru	Ecru	122	47	102	39	51	20

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
369	Pistachio Green-VY LT	211	83	203	80	195	77
371	Mustard	192	75	184	72	177	69
372	Mustard-LT	369	145	354	139	341	134
407	Desert Sand-DK	6	2	6	2	6	2
415	Pearl Gray	151	59	145	57	140	55
420	Hazelnut Brown-DK	145	57	140	55	135	53
422	Hazelnut Brown-LT	649	256	624	246	601	237
434	Brown-LT	51	19	49	19	47	18
435	Brown-VY LT	142	55	136	53	131	51
436	Tan	167	66	161	63	155	61
437	Tan-LT	179	70	172	67	165	65
453	Shell Gray-LT	282	111	271	107	261	103
502	Blue Green	10	4	10	3	9	3
503	Blue Green-MD	13	5	12	5	12	5
522	Fern Green	39	15	37	15	36	14
523	Fern Green-LT	86	34	83	33	80	31
524	Fern Green-VY LT	462	181	444	174	428	168
543	Beige Brown-UL VY LT	349	137	336	132	323	127
611	Drab Brown	8	3	8	3	7	3
612	Drab Brown-LT	191	75	183	72	177	69
613	Drab Brown-VY LT	899	354	865	340	833	327
642	Beige Gray-DK	48	19	46	18	45	17
644	Beige Gray-MD	295	116	284	111	273	107
648	Beaver Gray-LT	146	57	141	55	135	53
680	Old Gold-DK	329	129	316	124	305	119
720	Orange Spice-DK	15	6	15	6	14	5
725	Topaz	4	1	3	1	3	1
729	Old Gold-MD	185	73	178	70	171	67
730	Olive Green-VY DK	104	40	100	39	96	37

734	Olive Green-LT	209	82	201	79	193	76
738	Tan-VY LT	716	282	689	271	663	261
739	Tan-UL VY LT	648	255	623	245	600	236
746	Off White	480	189	462	181	445	175
754	Peach-LT	189	74	181	71	175	69
762	Pearl Gray-VY LT	73	28	70	27	67	26
780	Topaz-UL VY DK	346	135	332	130	320	125
782	Topaz-DK	107	42	102	40	99	39
783	Topaz-MD	48	18	46	17	44	17
822	Beige Gray-LT	678	266	651	256	627	247
829	Golden Olive-VY DK	317	125	305	120	293	115
831	Golden Olive-MD	202	79	195	76	187	73
832	Golden Olive	182	71	175	69	169	66
833	Golden Olive-LT	189	74	182	71	175	69
842	Beige Brown-VY LT	352	138	339	133	326	128
869	Hazelnut Brown-VY DK	111	43	107	42	103	40
920	Copper-MD	3	1	3	1	3	1
927	Gray Green-LT	324	127	312	123	300	118
928	Gray Green-VY LT	647	254	622	244	599	235
934	Black Avocado Green	60	24	58	23	56	22
936	Avocado Green-VY DK	158	62	152	60	147	57
937	Avocado Green-MD	40	15	38	15	37	14
938	Coffee Brown-UL DK	84	32	80	31	77	30
945	Tawny	500	197	481	189	463	182
948	Peach-VY LT	728	287	700	276	674	265
950	Desert Sand-LT	194	76	186	73	179	70
951	Tawny-LT	625	246	601	236	579	227
977	Golden Brown-LT	83	32	80	31	77	30
3011	Khaki Green-DK	36	14	35	13	33	13
3012	Khaki Green-MD	197	77	189	74	182	71
3024	Brown Gray-VY LT	271	107	261	102	251	99
3033	Mocha Brown-VY LT	59	23	57	22	55	21
3045	Yellow Beige-DK	325	127	312	123	301	118
3046	Yellow Beige-MD	199	78	191	75	184	72
3051	Green Gray-DK	32	12	31	12	30	11
3052	Green Gray-MD	57	22	55	21	53	21
3072	Beaver Gray-VY LT	217	85	208	82	201	79
3078	Golden Yellow-VY LT	325	127	312	123	301	118
3346	Hunter Green	14	5	13	5	13	5
3362	Pine Green-DK	6	2	6	2	6	2
3743	Antique Violet-VY LT	22	8	21	8	20	7
3752	Antique Blue-VY LT	188	73	181	71	174	68
3753	Antique Blue-UL VY LT	42	17	41	16	39	15
3756	Baby Blue-UL VY LT	66	25	63	24	61	23
3770	Tawny-VY LT	1053	414	1012	398	975	383
3776	Mahogany-LT	12	4	12	4	11	4
3782	Mocha Brown-LT	112	44	107	42	103	41
3813	Blue Green-LT	278	109	267	105	257	101
3815	Celadon Green-DK	9	3	8	3	8	3
3816	Celadon Green-MD	49	19	47	18	45	17
3817	Celadon Green-LT	123	48	118	46	114	45
3822	Straw-LT	9	3	8	3	8	3
3823	Yellow-UL Pale	241	94	232	91	223	87
3826	Golden Brown	23	9	22	8	21	8
3827	Golden Brown Pale	30	12	29	11	28	11
3829	Old Gold-VY DK	181	71	174	68	167	65
3852	Straw-VY DK	8	3	8	3	7	3
3853	Autumn Gold-DK	4	1	3	1	3	1
3854	Autumn Gold-MD	6	2	6	2	6	2

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3855	Autumn Gold-LT	37	14	36	14	35	13
3856	Mahogany-UL VY LT	133	52	128	50	123	48
3864	Mocha Beige-LT	292	114	280	110	270	106
3865	Winter White	76	30	73	28	71	27
3866	Mocha Brown-UL VY LT	186	73	179	70	173	67
Ecru	Ecru	49	19	47	18	45	17

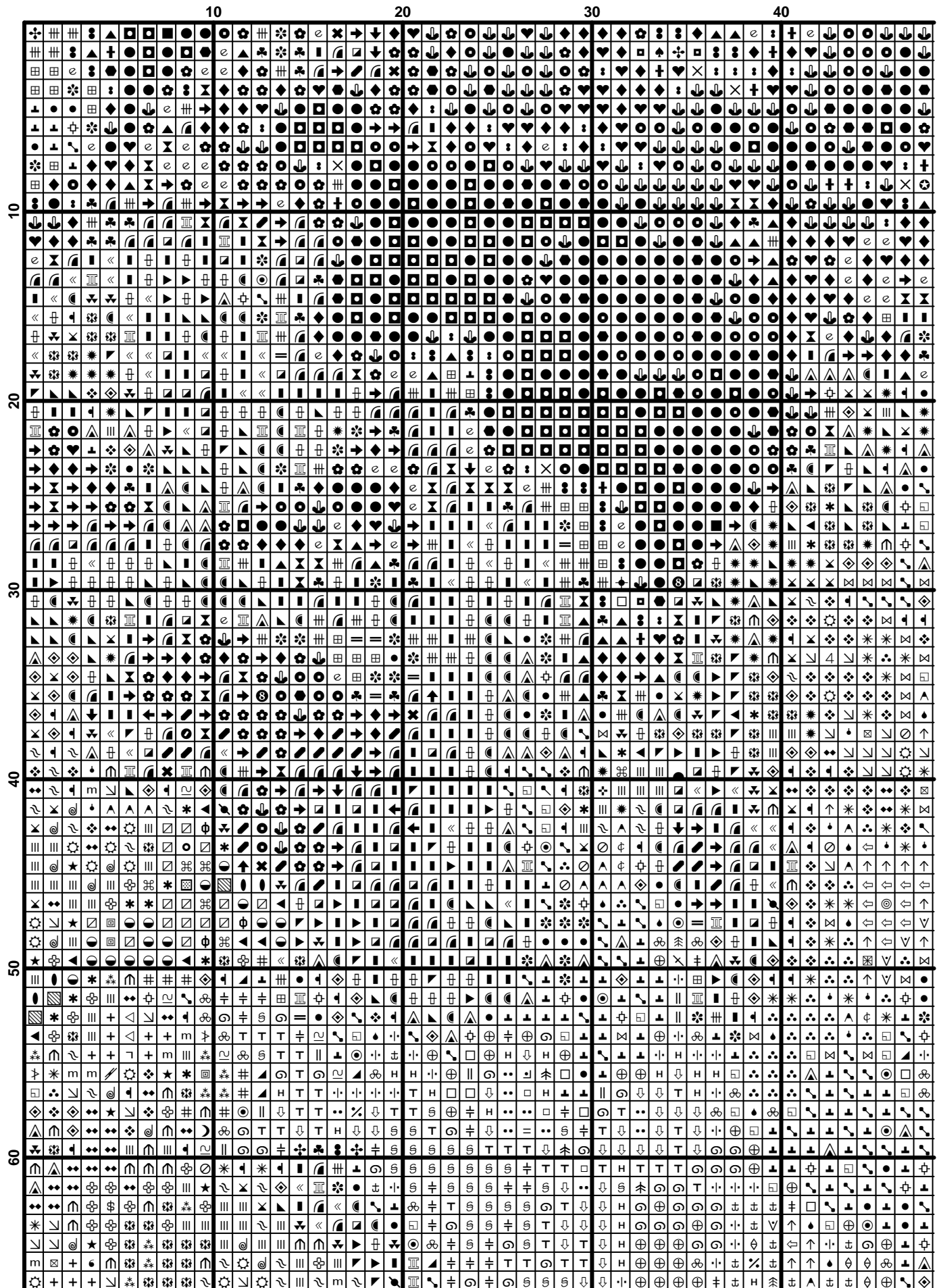
Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
369	Pistachio Green-VY LT	188	74	176	69	165	65
371	Mustard	171	67	160	62	150	59
372	Mustard-LT	329	129	307	121	288	113
407	Desert Sand-DK	6	2	5	2	5	2
415	Pearl Gray	135	53	126	49	118	46
420	Hazelnut Brown-DK	130	51	121	47	114	44
422	Hazelnut Brown-LT	580	228	541	213	507	200
434	Brown-LT	46	17	43	16	40	15
435	Brown-VY LT	127	50	118	46	111	43
436	Tan	149	59	139	55	131	51
437	Tan-LT	159	62	149	58	140	55
453	Shell Gray-LT	252	99	235	92	221	87
502	Blue Green	9	3	8	3	8	3
503	Blue Green-MD	12	5	11	4	10	4
522	Fern Green	35	14	32	13	30	12
523	Fern Green-LT	77	30	72	28	68	26
524	Fern Green-VY LT	413	162	385	151	361	142
543	Beige Brown-UL VY LT	312	122	291	114	273	107
611	Drab Brown	7	3	7	2	6	2
612	Drab Brown-LT	170	67	159	62	149	59
613	Drab Brown-VY LT	803	316	749	295	703	276
642	Beige Gray-DK	43	17	40	16	38	15
644	Beige Gray-MD	264	104	246	97	231	91
648	Beaver Gray-LT	131	51	122	47	114	44
680	Old Gold-DK	294	115	274	107	257	101
720	Orange Spice-DK	14	5	13	5	12	5
725	Topaz	3	1	3	1	3	1
729	Old Gold-MD	165	65	154	61	145	57
730	Olive Green-VY DK	93	36	86	34	81	32
734	Olive Green-LT	186	73	174	68	163	64
738	Tan-VY LT	640	251	597	235	560	220
739	Tan-UL VY LT	579	228	540	212	506	199
746	Off White	429	168	400	157	375	147
754	Peach-LT	168	66	157	62	147	58
762	Pearl Gray-VY LT	65	25	61	23	57	22
780	Topaz-UL VY DK	309	121	288	113	270	106
782	Topaz-DK	95	37	89	35	83	33
783	Topaz-MD	42	16	40	15	37	14
822	Beige Gray-LT	605	238	565	222	529	208
829	Golden Olive-VY DK	283	111	264	104	248	97
831	Golden Olive-MD	181	71	169	66	158	62
832	Golden Olive	163	64	152	59	142	56
833	Golden Olive-LT	169	66	158	62	148	58
842	Beige Brown-VY LT	314	123	293	115	275	108
869	Hazelnut Brown-VY DK	99	39	92	36	87	34
920	Copper-MD	3	1	2	1	2	1
927	Gray Green-LT	289	114	270	106	253	100

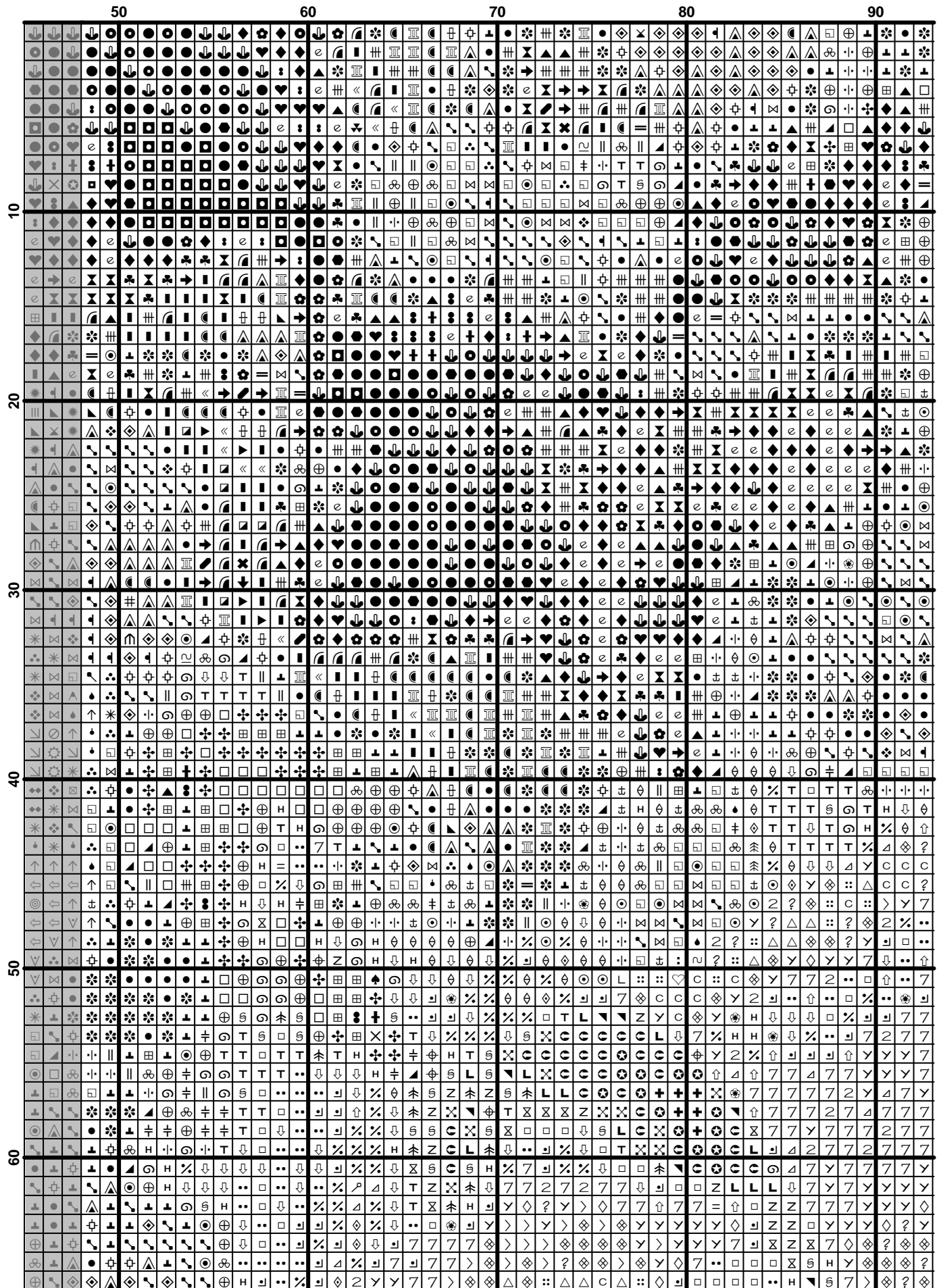
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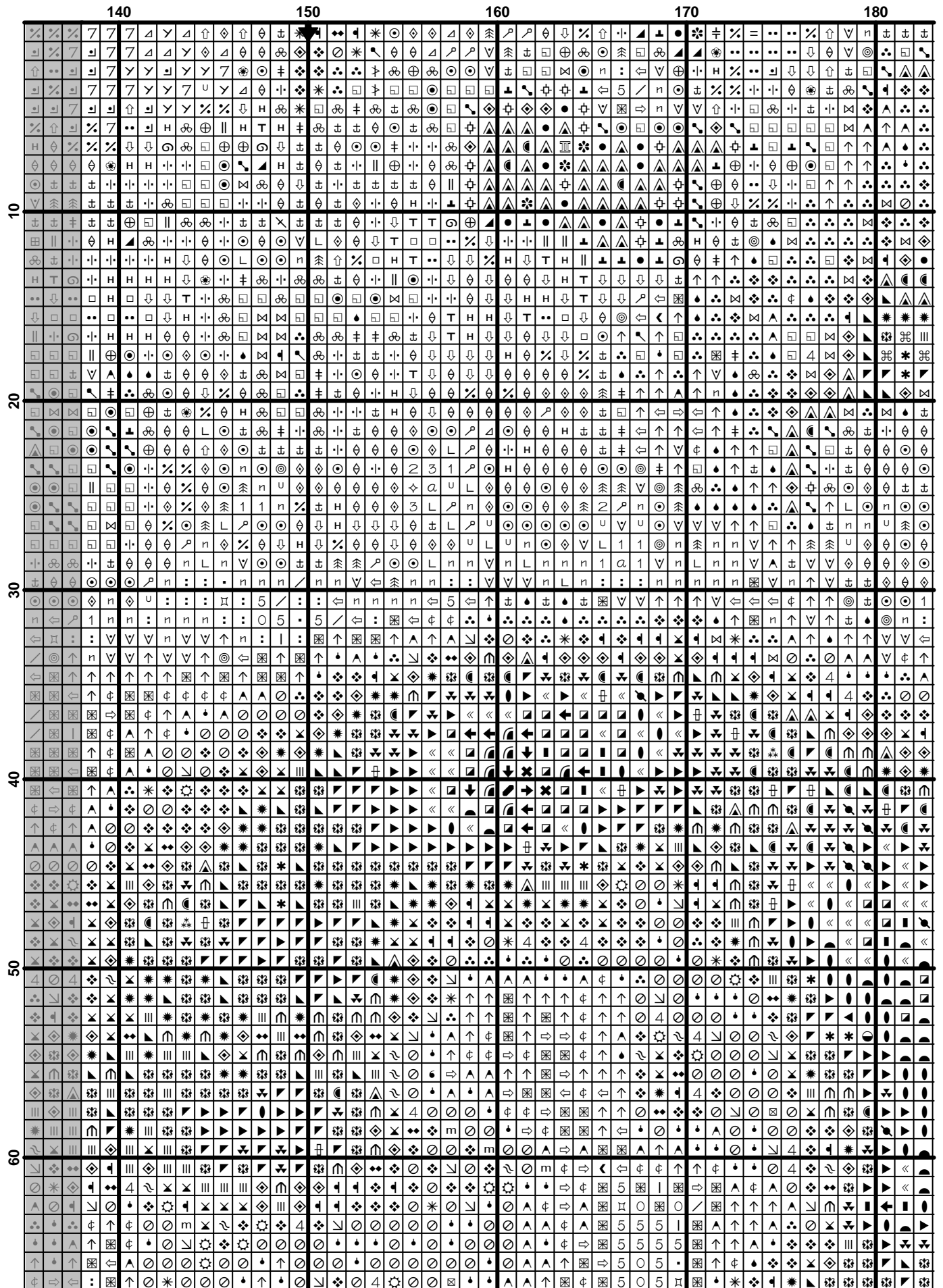
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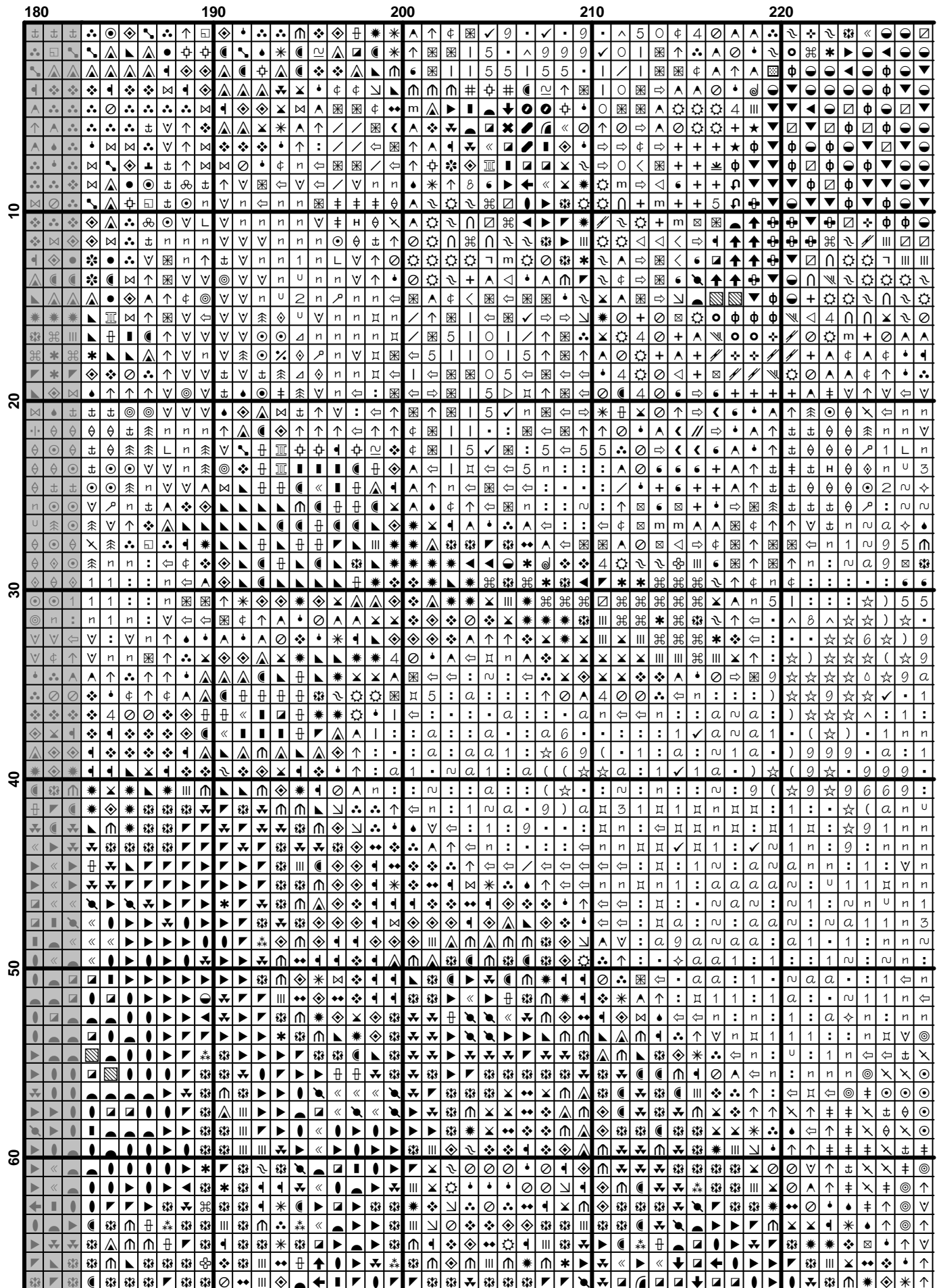
928	Gray Green-VY LT	577	227	539	212	505	199
934	Black Avocado Green	54	21	50	20	47	19
936	Avocado Green-VY DK	141	55	132	52	124	48
937	Avocado Green-MD	35	14	33	13	31	12
938	Coffee Brown-UL DK	75	29	70	27	65	25
945	Tawny	447	176	417	164	391	154
948	Peach-VY LT	650	256	607	239	569	224
950	Desert Sand-LT	173	68	161	63	151	59
951	Tawny-LT	558	219	521	205	488	192
977	Golden Brown-LT	74	29	69	27	65	25
3011	Khaki Green-DK	32	12	30	11	28	11
3012	Khaki Green-MD	176	69	164	64	154	60
3024	Brown Gray -VY LT	242	95	226	89	212	83
3033	Mocha Brown-VY LT	53	21	49	19	46	18
3045	Yellow Beige-DK	290	114	271	106	254	100
3046	Yellow Beige-MD	177	69	166	65	155	61
3051	Green Gray-DK	29	11	27	10	25	10
3052	Green Gray-MD	51	20	47	19	44	17
3072	Beaver Gray-VY LT	194	76	181	71	169	66
3078	Golden Yellow -VY LT	290	114	271	106	254	100
3346	Hunter Green	12	5	11	4	11	4
3362	Pine Green-DK	6	2	5	2	5	2
3743	Antique Violet-VY LT	19	7	18	7	17	6
3752	Antique Blue-VY LT	168	66	157	61	147	57
3753	Antique Blue-UL VY LT	38	15	35	14	33	13
3756	Baby Blue-UL VY LT	59	23	55	21	51	20
3770	Tawny-VY LT	940	370	877	345	822	323
3776	Mahogany-LT	11	4	10	4	10	3
3782	Mocha Brown-LT	100	39	93	37	87	34
3813	Blue Green-LT	248	97	232	91	217	85
3815	Celadon Green-DK	8	3	7	2	7	2
3816	Celadon Green-MD	44	17	41	16	38	15
3817	Celadon Green-LT	110	43	103	40	96	38
3822	Straw -LT	8	3	7	2	7	2
3823	Yellow -UL Pale	215	84	201	79	188	74
3826	Golden Brown	21	8	19	7	18	7
3827	Golden Brown-Pale	27	10	25	10	24	9
3829	Old Gold-VY DK	161	63	151	59	141	55
3852	Straw-VY DK	7	3	7	2	6	2
3853	Autumn Gold-DK	3	1	3	1	3	1
3854	Autumn Gold-MD	6	2	5	2	5	2
3855	Autumn Gold-LT	33	13	31	12	29	11
3856	Mahogany-UL VY LT	119	46	111	43	104	41
3864	Mocha Beige-LT	260	102	243	95	228	89
3865	Winter White	68	26	64	25	60	23
3866	Mocha Brown-UL VY LT	167	65	155	61	146	57
Ecru	Ecru	44	17	41	16	38	15

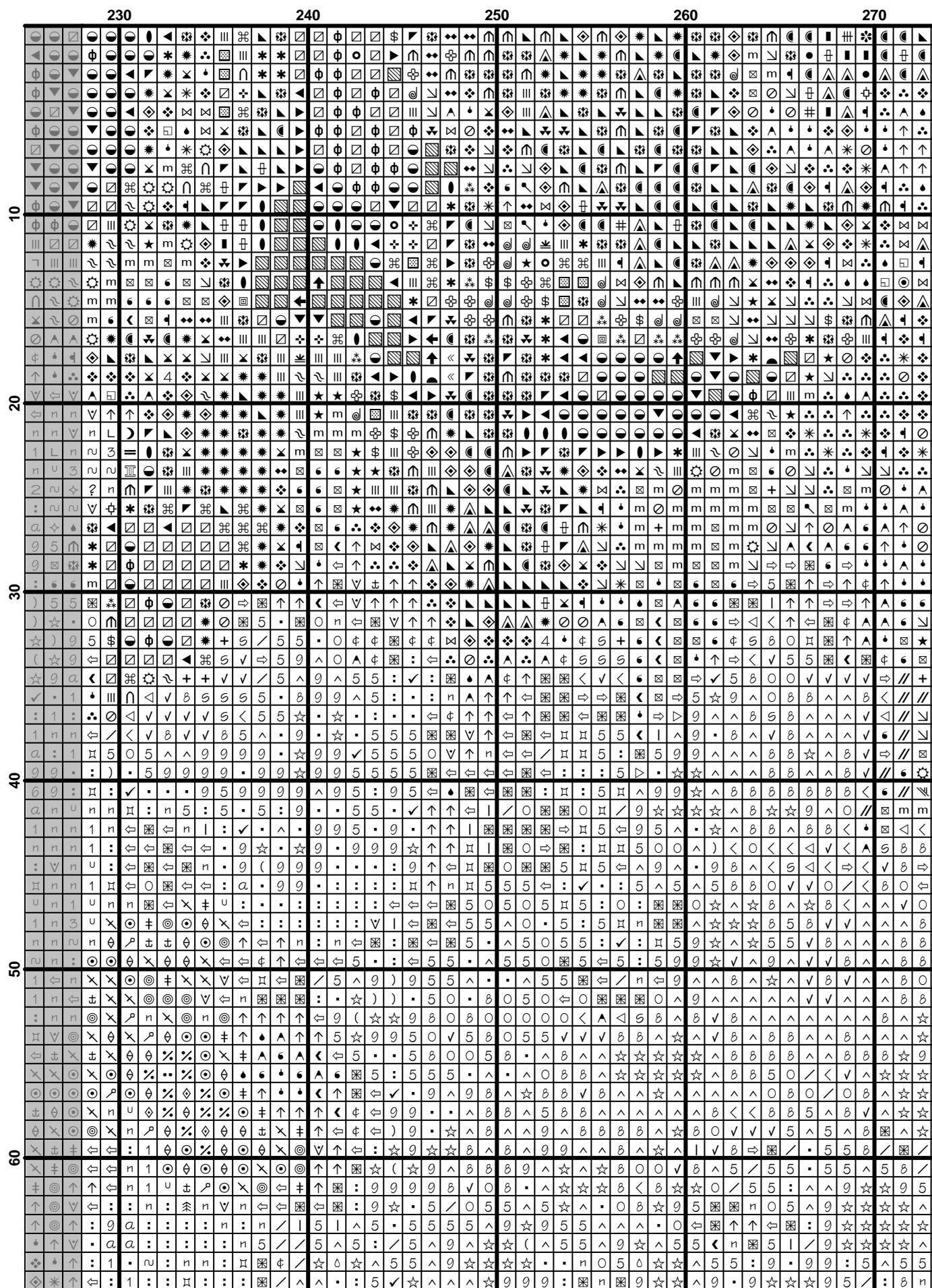


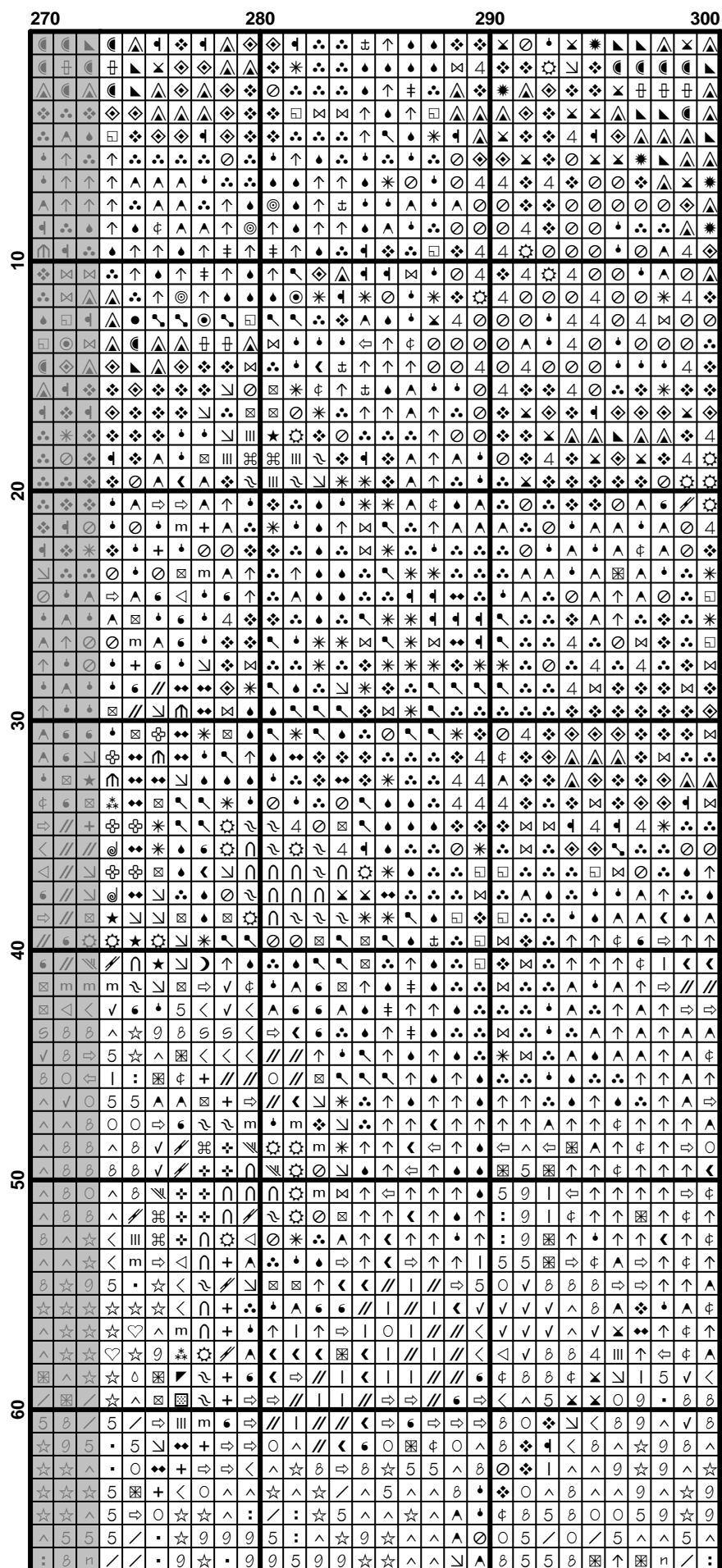


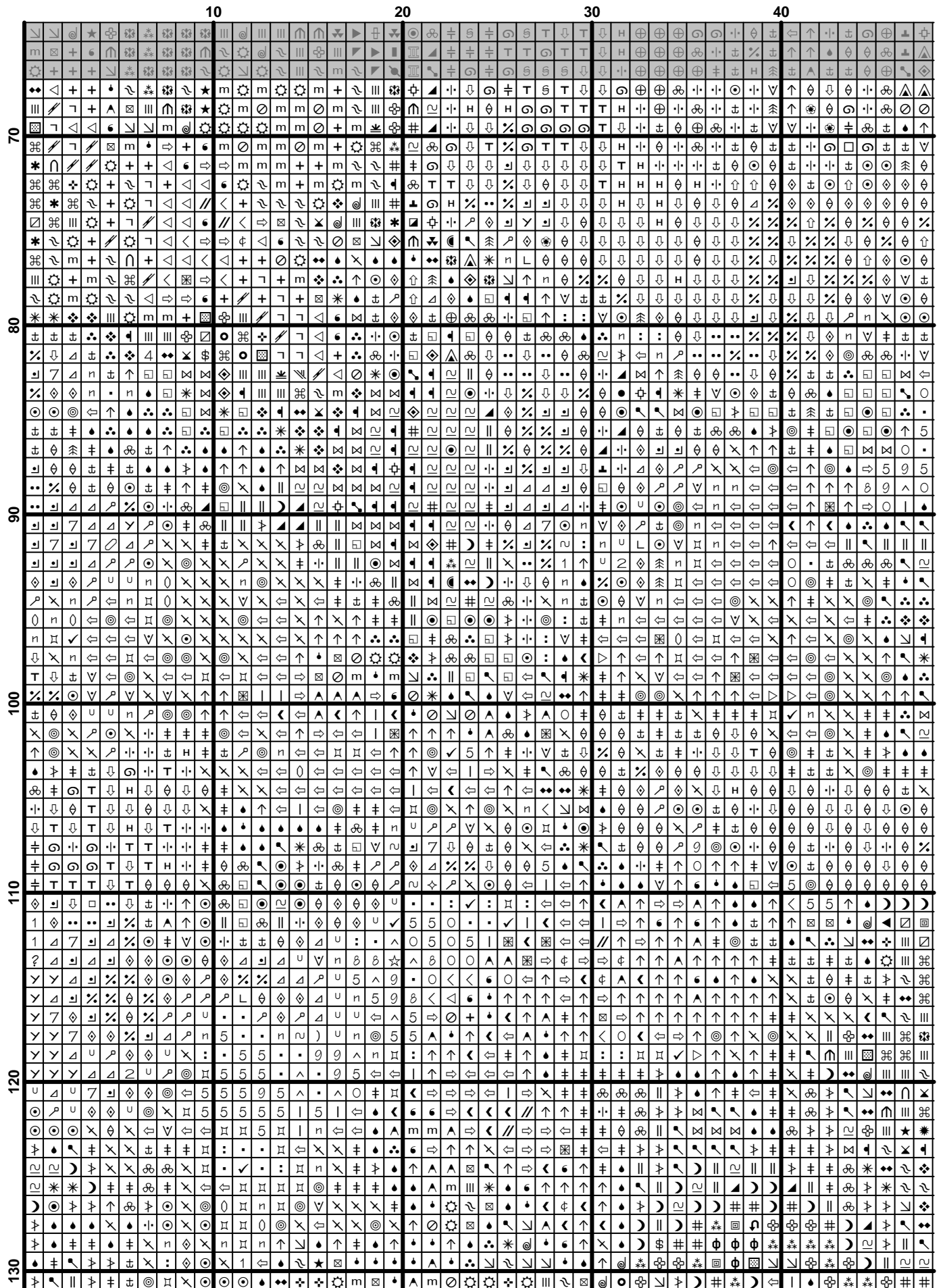
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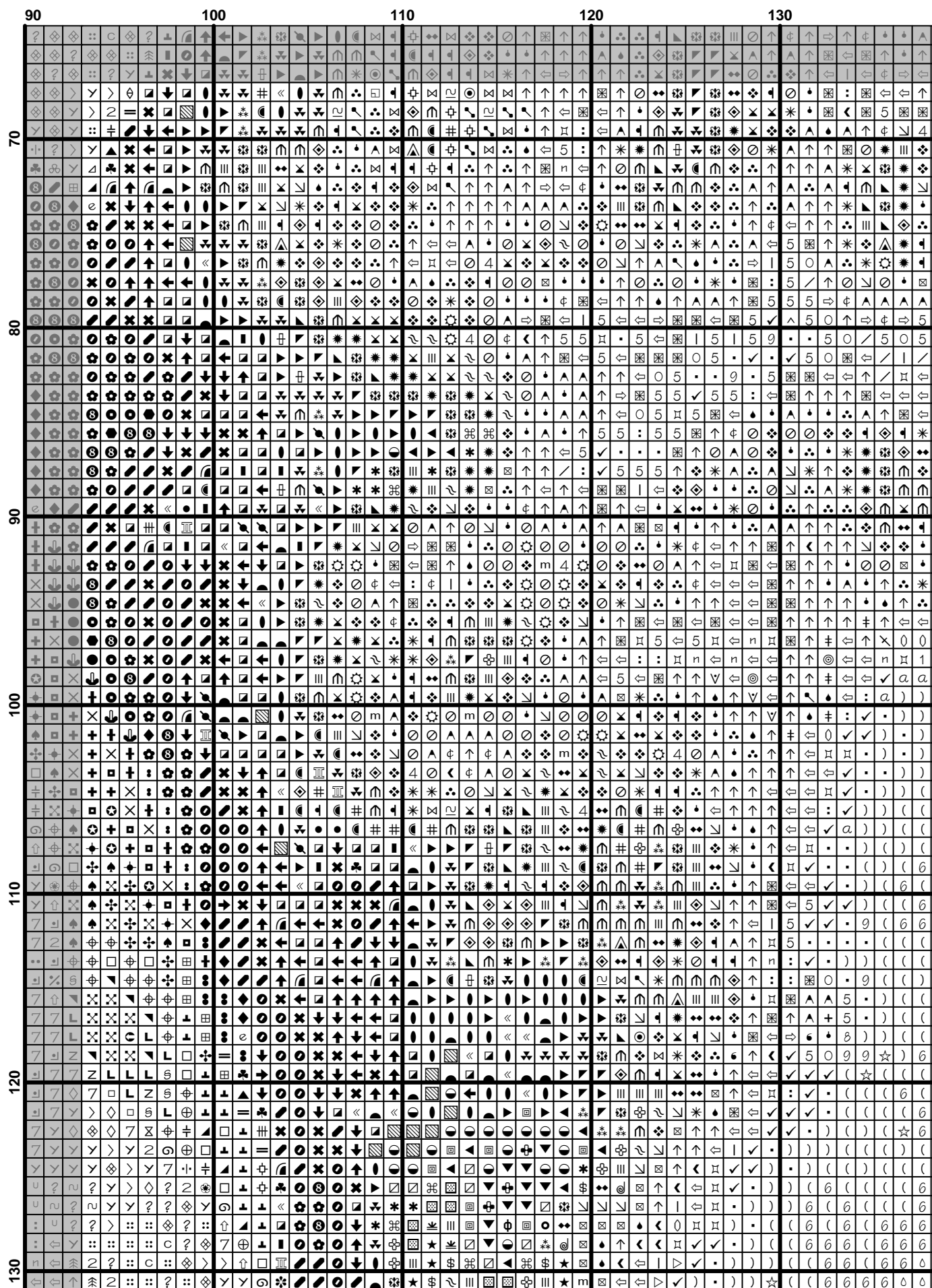


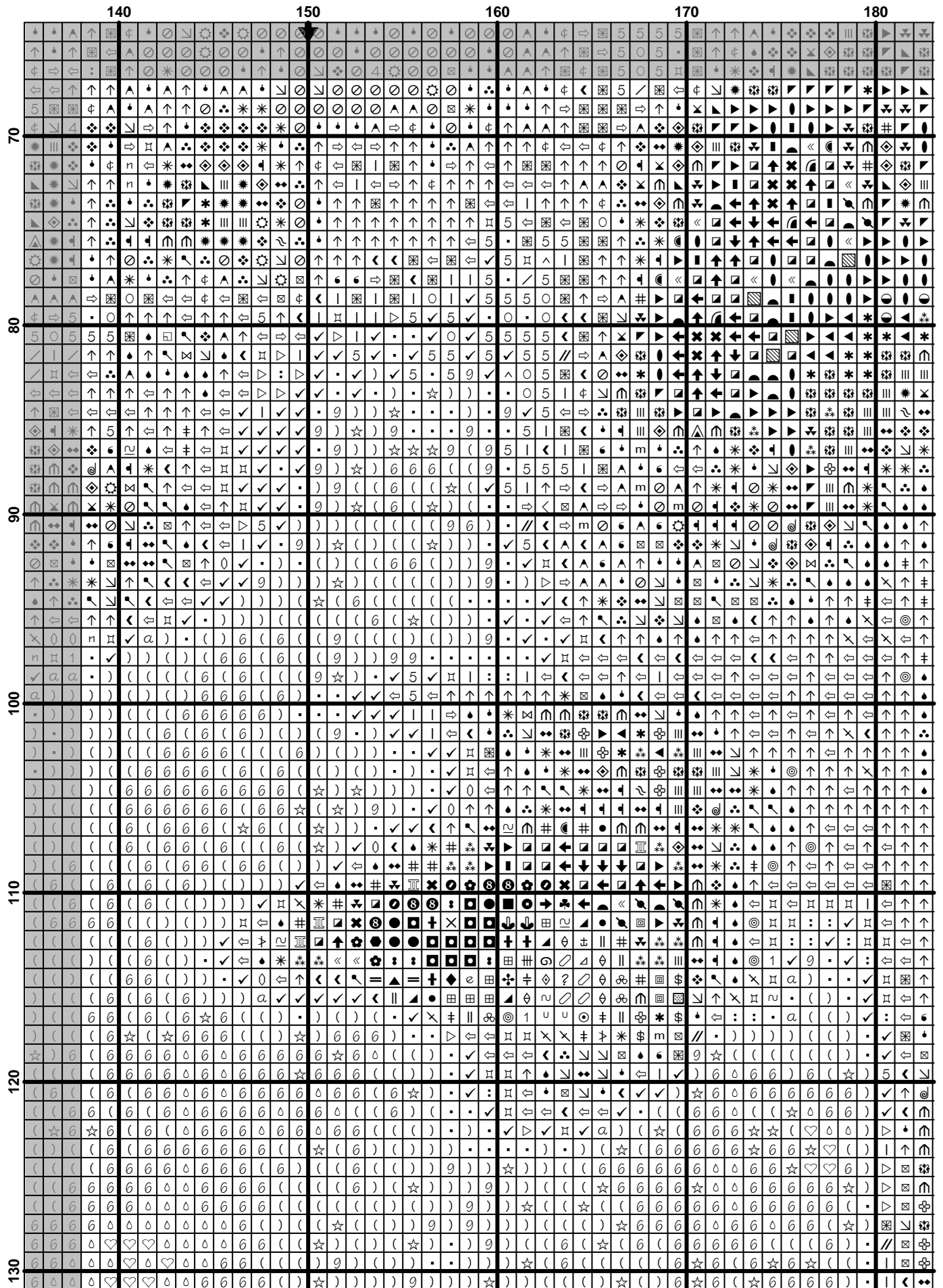


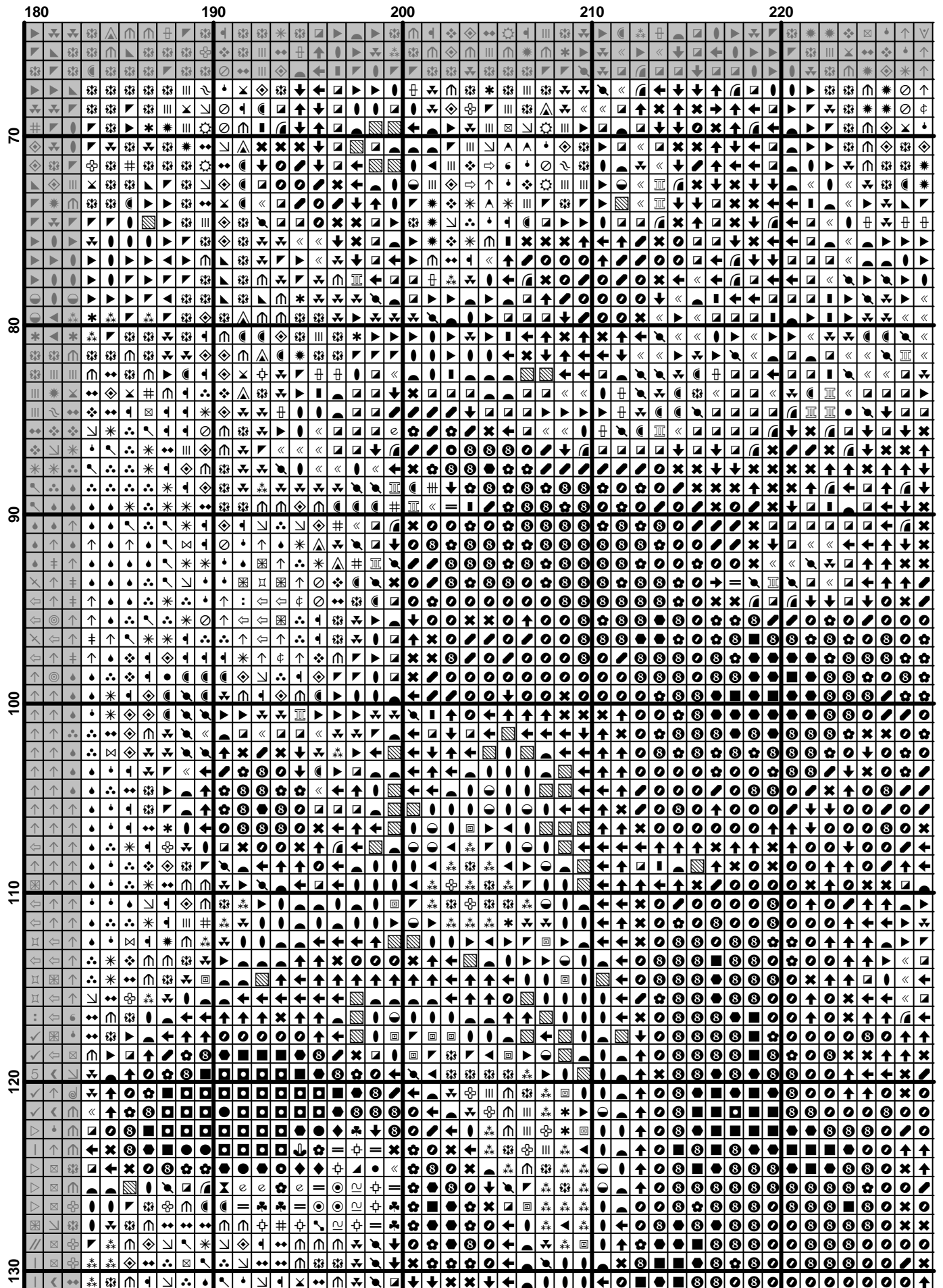




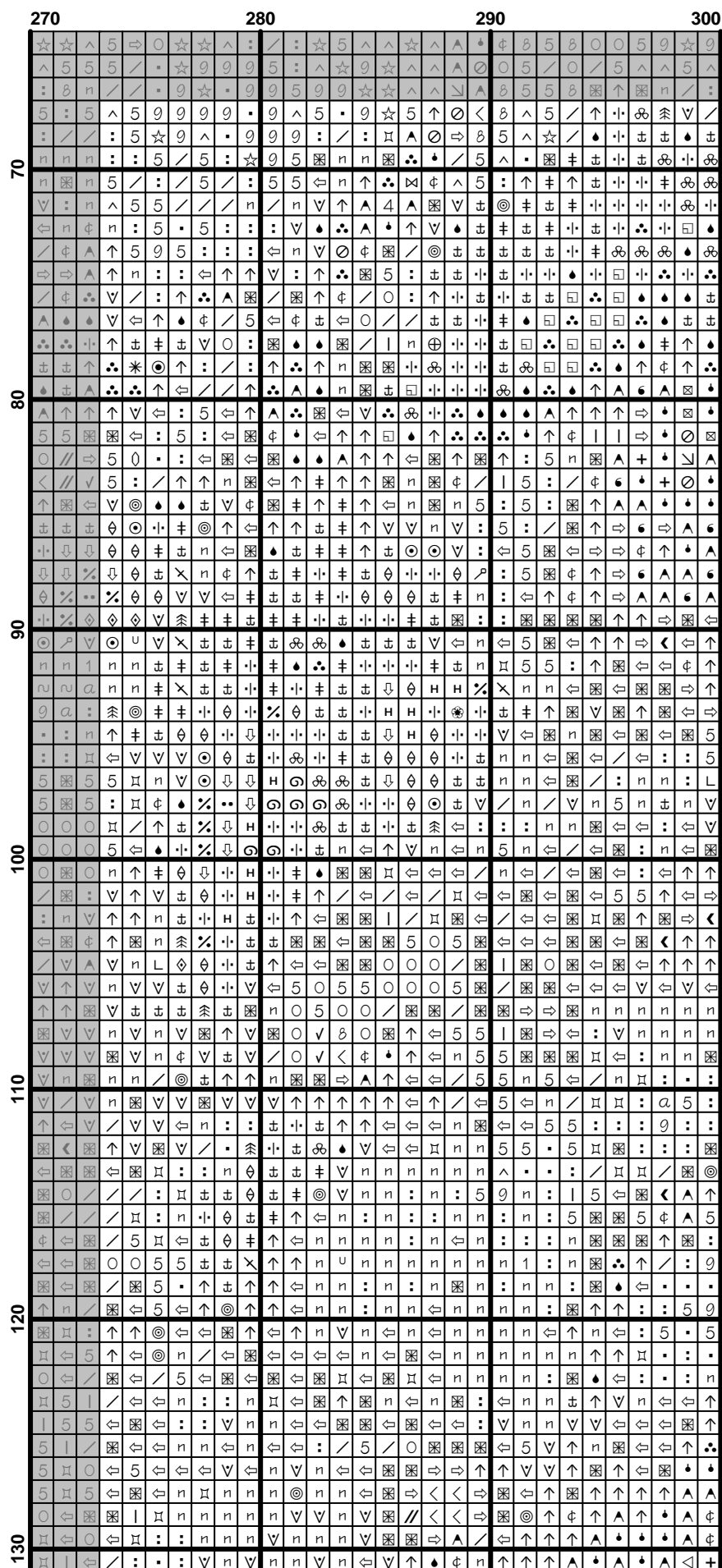
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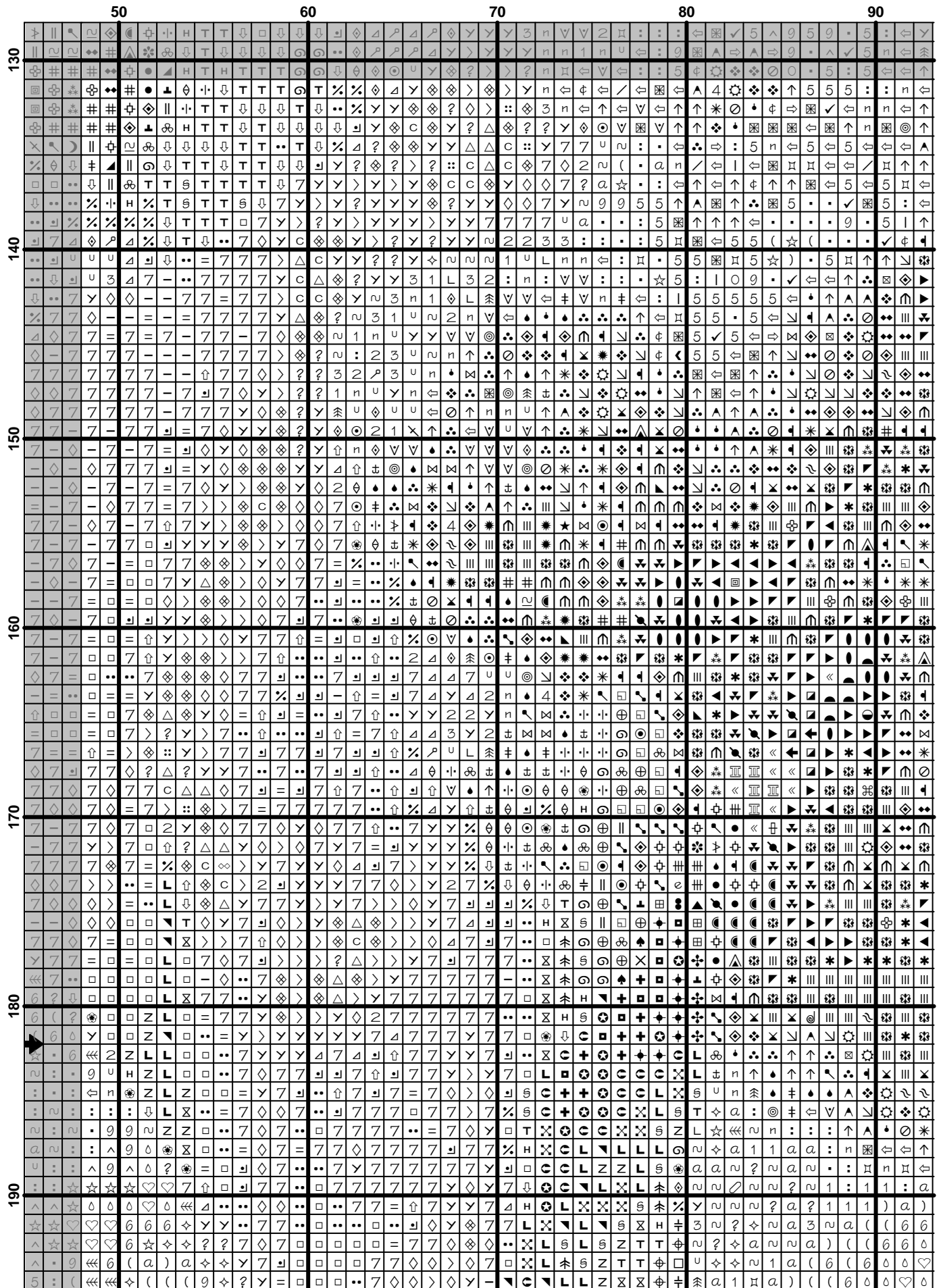


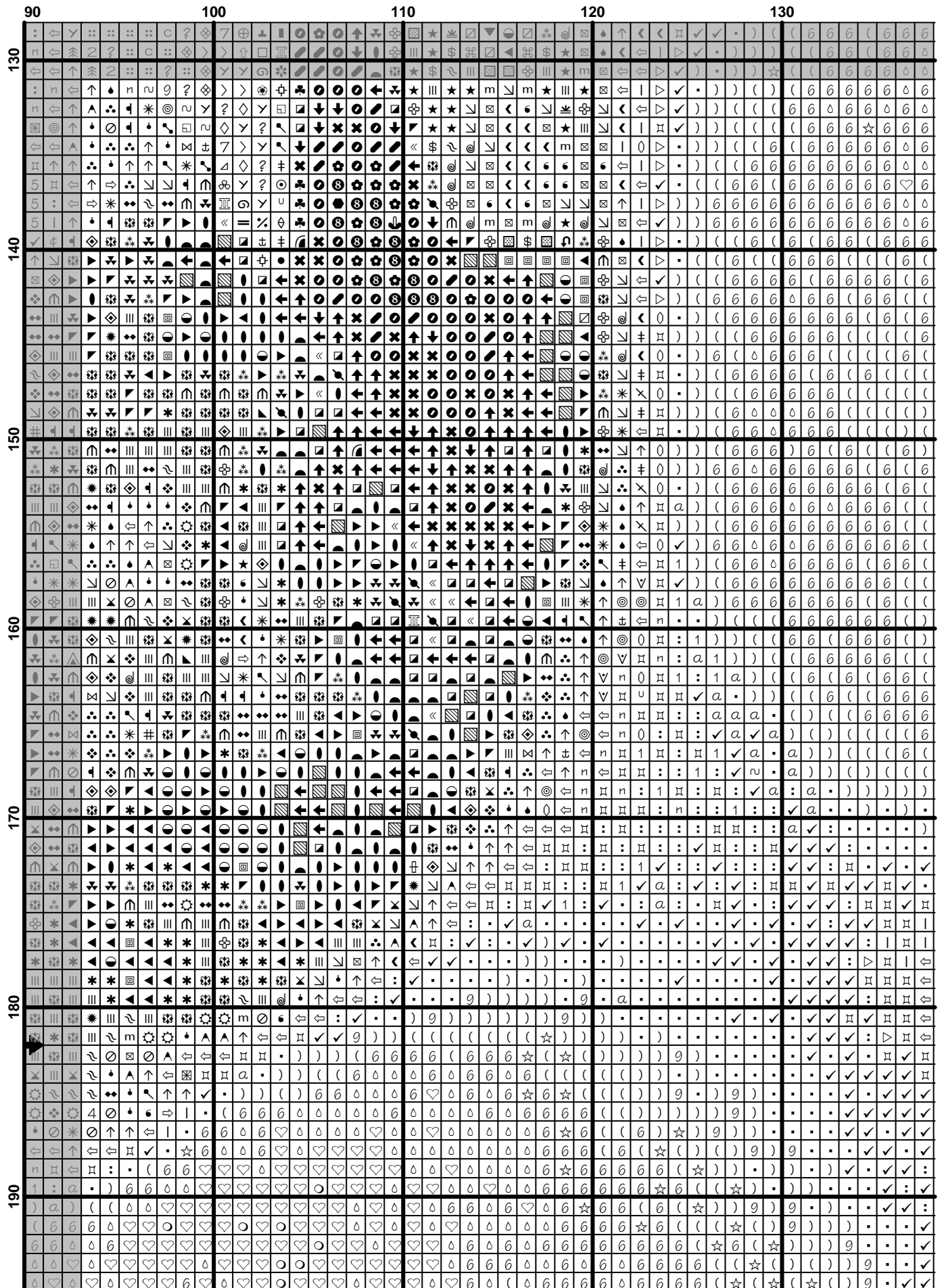


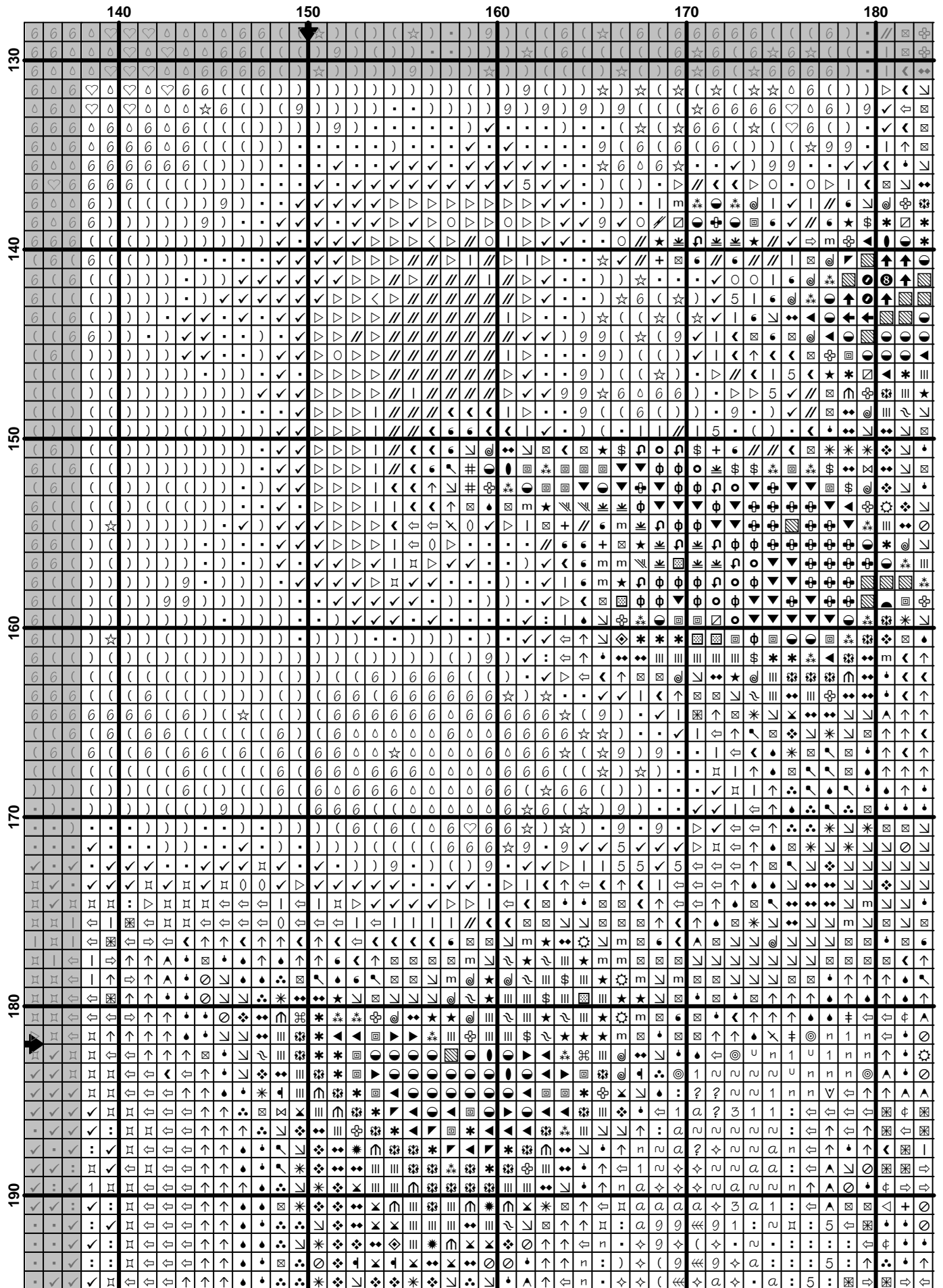
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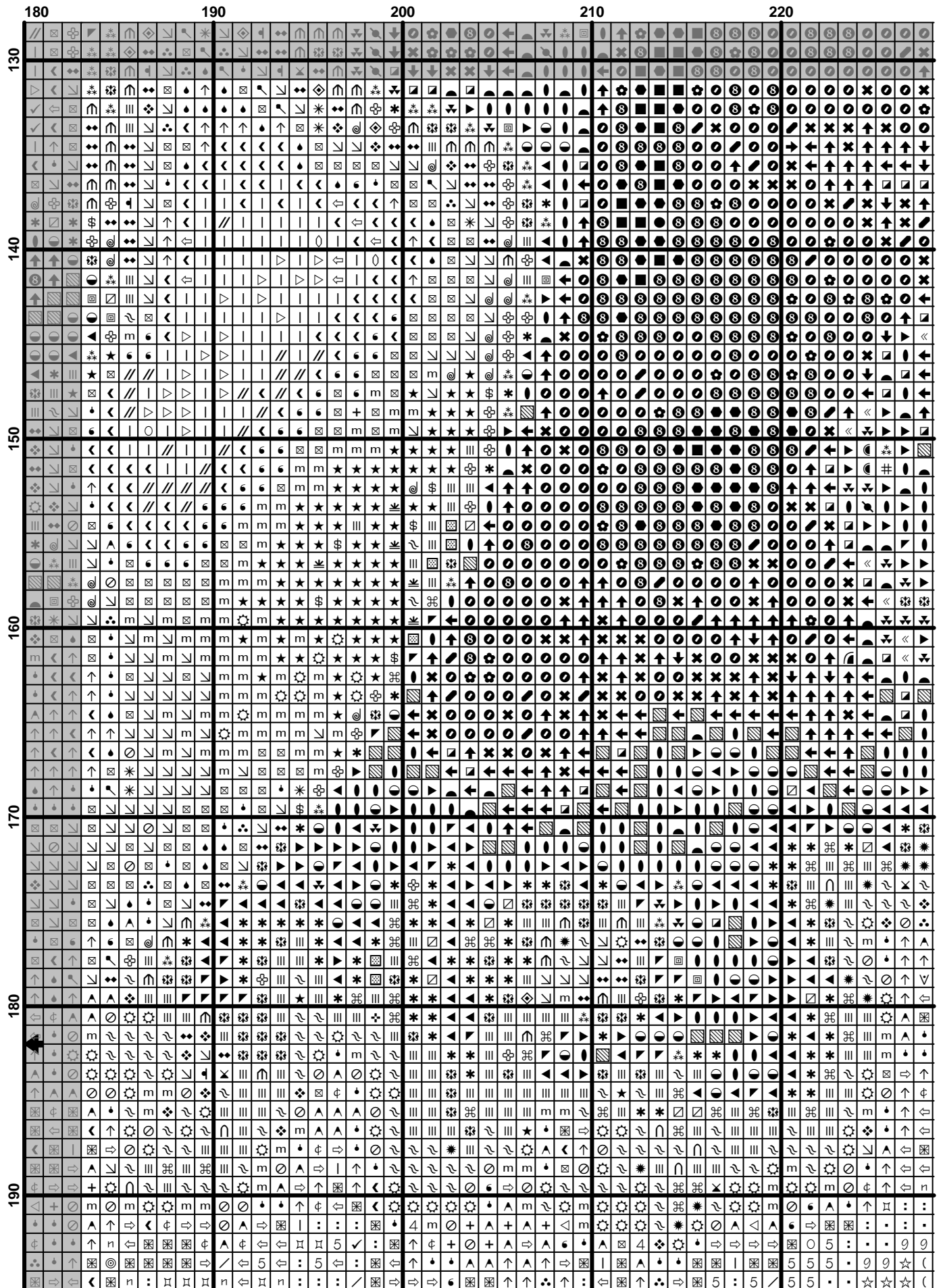


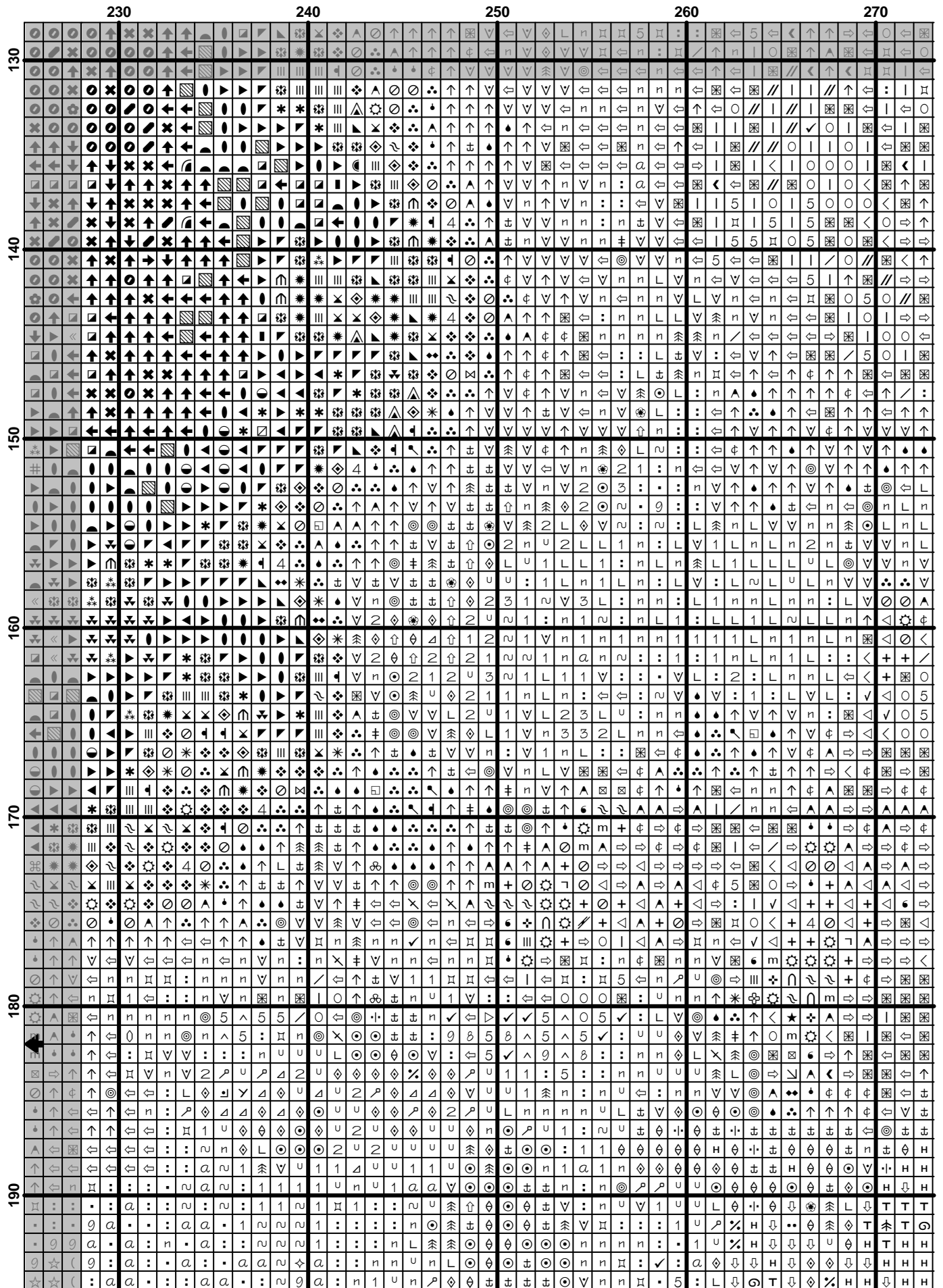
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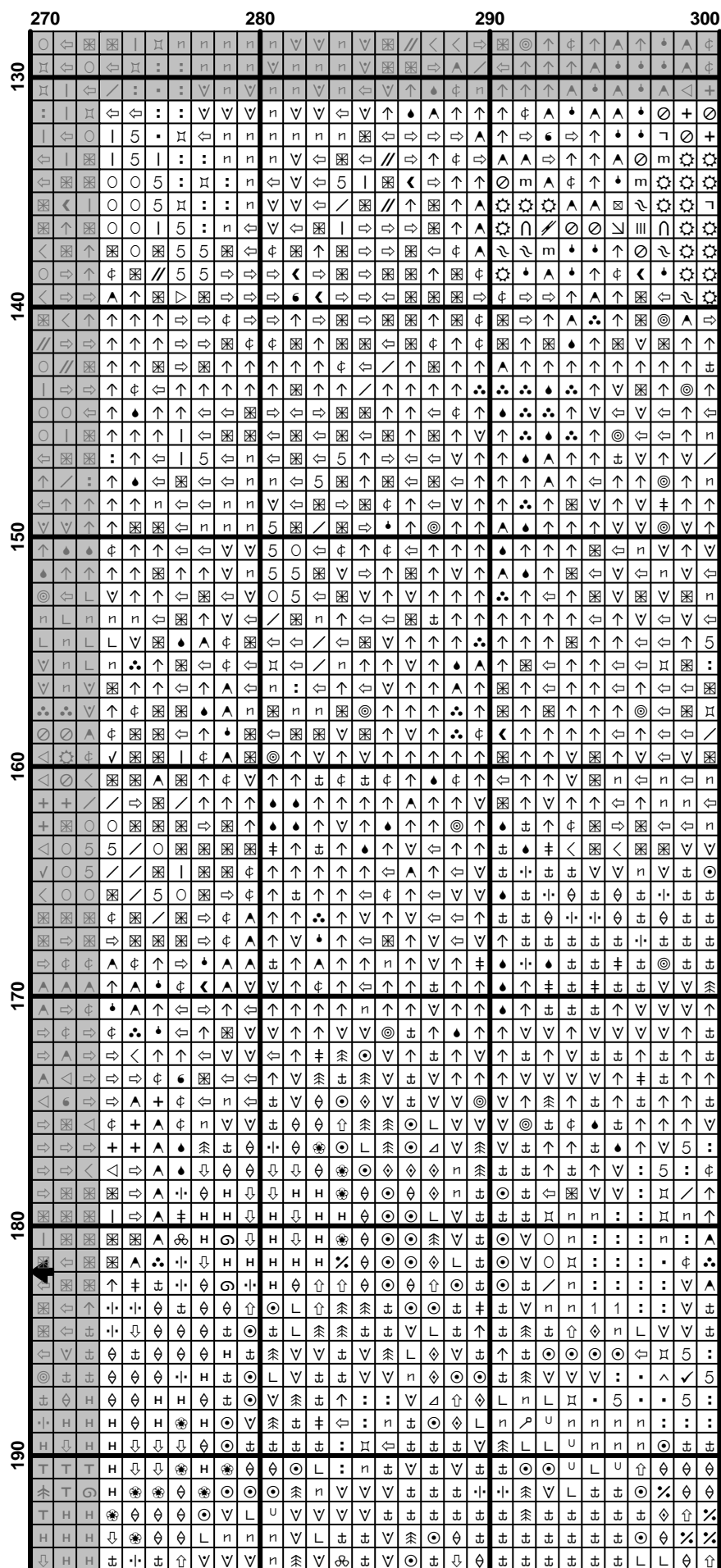












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[illegible]

[illegible]

$$(32) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (33)$$

[illegible]

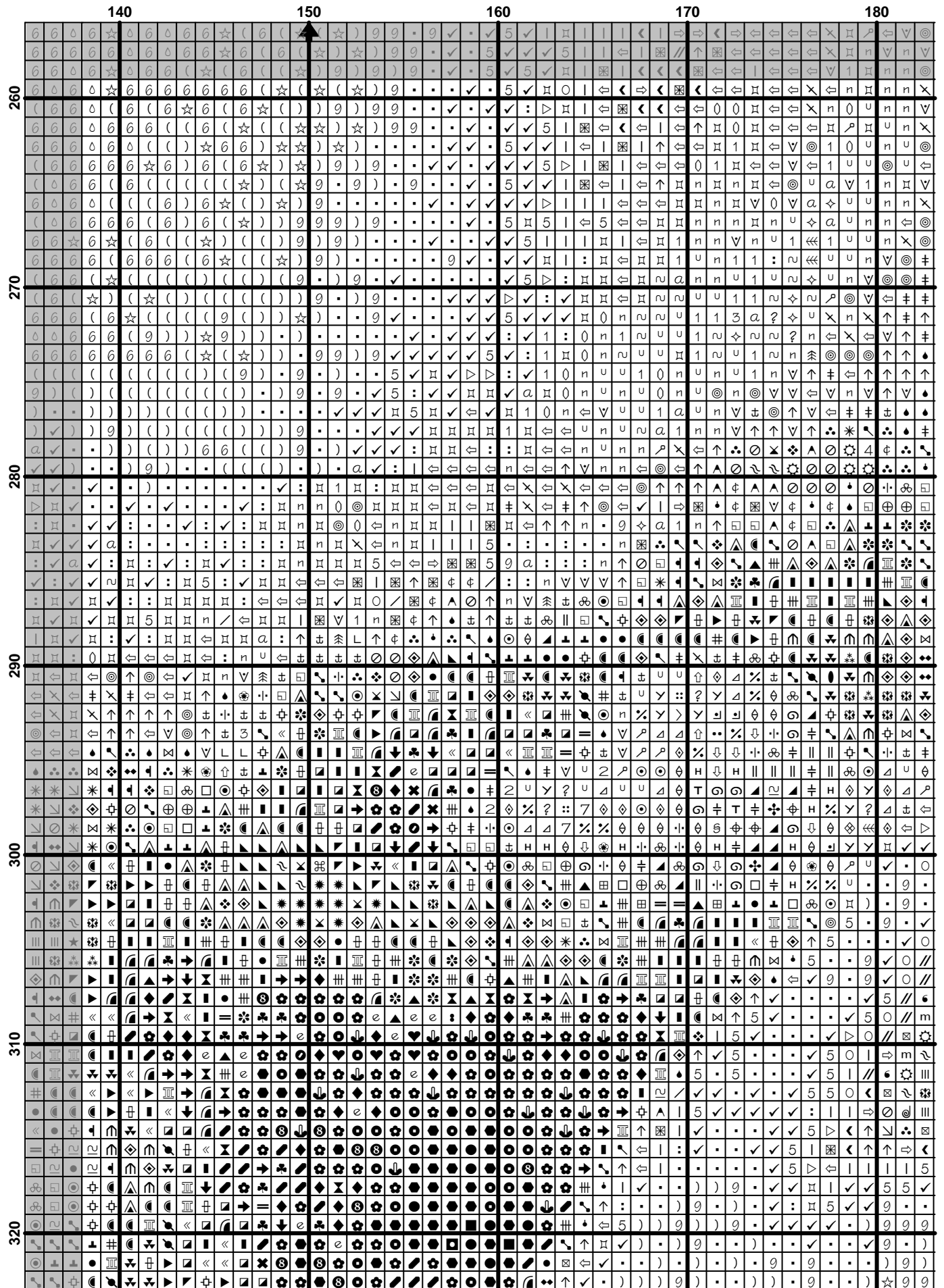
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$$(36) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left(\sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

[illegible]

$$(38) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left(\sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$



$$(40) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds + \frac{1}{\Gamma(\alpha)} \int_t^\infty (t-s)^{\alpha-1} f(s) ds$$

$$(41) \quad \frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$$

[illegible]

[illegible]

[illegible]

