

1312 Frost



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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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Frost

Stitch Count	
Horizontal:	400
Vertical:	401

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:	73	28.44	73	28.6	64	24.89	64	25.03	57	22.125	57	22.25
Including Margins:	89	35	89	35	80	31	80	32	73	29	73	29
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	102	39.81	102	40.04	85	33.18	85	33.36	42	16.59	42	16.68
Including Margins:	118	46	118	47	101	40	101	40	58	23	58	23
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	40	15.92	40	16.01	39	15.31	39	15.4	37	14.74	37	14.82
Including Margins:	56	22	56	23	55	22	55	22	53	21	53	21
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	36	14.22	36	14.3	34	13.27	34	13.34	31	12.44	31	12.51
Including Margins:	52	21	52	21	50	20	50	20	47	19	47	19

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
	318	Steel Gray-LT
	413	Pewter Gray-DK
	414	Steel Gray-DK
	415	Pearl Gray
	453	Shell Gray-LT
	501	Blue Green-DK
	502	Blue Green
	503	Blue Green-MD
	522	Fern Green
	523	Fern Green-LT
	524	Fern Green-VY LT
	535	Ash Gray-VY LT
	598	Turquoise-LT
	640	Beige Gray-VY DK
	644	Beige Gray-MD
	645	Beaver Gray-VY DK
	646	Beaver Gray-DK
	647	Beaver Gray-MD
	648	Beaver Gray-LT
	712	Cream
	746	Off White
	762	Pearl Gray-VY LT
	775	Baby Blue-VY LT
	822	Beige Gray-LT
	839	Beige Brown-DK
	844	Beaver Brown-UL DK

	926	Gray Green-MD
	927	Gray Green-LT
	928	Gray Green-VY LT
	932	Antique Blue-LT
	966	Baby Green-MD
	3021	Brown Gray-VY DK
	3022	Brown Gray-MD
	3023	Brown Gray-LT
	3024	Brown Gray-VY LT
	3032	Mocha Brown-MD
	3033	Mocha Brown-VY LT
	3051	Green Gray-DK
	3052	Green Gray-MD
	3053	Green Gray
	3072	Beaver Gray-VY LT
	3362	Pine Green-DK
	3363	Pine Green-MD
	3753	Antique Blue-UL VY LT
	3756	Baby Blue-UL VY LT
	3768	Gray Green-DK
	3781	Mocha Brown-DK
	3787	Brown Gray-DK
	3790	Beige Gray-UL DK
	3811	Turquoise-VY LT
	3813	Blue Green-LT
	3817	Celadon Green-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
	ecru	Ecru	822	Beige Gray-LT
	844	Beaver Brown-UL DK	3790	Beige Gray-UL DK
	318	Steel Gray-LT	415	Pearl Gray
	415	Pearl Gray	3743	Antique Violet-VY LT
	844	Beaver Brown-UL DK	3799	Pewter Gray-VY DK
	645	Beaver Gray-VY DK	646	Beaver Gray-DK
	535	Ash Gray-VY LT	844	Beaver Brown-UL DK
	3024	Brown Gray-VY LT	3072	Beaver Gray-VY LT
	318	Steel Gray-LT	3849	Teal Green-LT
	414	Steel Gray-DK	927	Gray Green-LT
	535	Ash Gray-VY LT	645	Beaver Gray-VY DK
	839	Beige Brown-DK	3787	Brown Gray-DK
	928	Gray Green-VY LT	932	Antique Blue-LT
	955	Nile Green-LT	648	Beaver Gray-LT
	640	Beige Gray-VY DK	645	Beaver Gray-VY DK
	712	Cream	3866	Mocha Brown-UL VY LT
	3072	Beaver Gray-VY LT	3866	Mocha Brown-UL VY LT
	645	Beaver Gray-VY DK	3787	Brown Gray-DK
	317	Pewter Gray	926	Gray Green-MD
	3021	Brown Gray-VY DK	3799	Pewter Gray-VY DK

4	955	Nile Green-LT	3072	Beaver Gray-VY LT
~	712	Cream	3756	Baby Blue-UL VY LT
n	746	Off White	3756	Baby Blue-UL VY LT
▲	646	Beaver Gray-DK	927	Gray Green-LT
♫	927	Gray Green-LT	645	Beaver Gray-VY DK
✓	955	Nile Green-LT	3024	Brown Gray-VY LT
(712	Cream	762	Pearl Gray-VY LT
○	415	Pearl Gray	955	Nile Green-LT
◉	502	Blue Green	647	Beaver Gray-MD
×	648	Beaver Gray-LT	3024	Brown Gray-VY LT
♠	3072	Beaver Gray-VY LT	3743	Antique Violet-VY LT
◇	369	Pistachio Green-VY LT	3033	Mocha Brown-VY LT
—	3024	Brown Gray-VY LT	3033	Mocha Brown-VY LT
▣	415	Pearl Gray	648	Beaver Gray-LT
☾	3022	Brown Gray-MD	3023	Brown Gray-LT
=	646	Beaver Gray-DK	647	Beaver Gray-MD
✿	926	Gray Green-MD	524	Fern Green-VY LT
▣	640	Beige Gray-VY DK	3022	Brown Gray-MD
+	762	Pearl Gray-VY LT	3072	Beaver Gray-VY LT
♦	502	Blue Green	3813	Blue Green-LT
♥	520	Fern Green-DK	844	Beaver Brown-UL DK
✕	524	Fern Green-VY LT	646	Beaver Gray-DK
✕	928	Gray Green-VY LT	647	Beaver Gray-MD
✂	647	Beaver Gray-MD	648	Beaver Gray-LT
●	520	Fern Green-DK	3021	Brown Gray-VY DK
♠	535	Ash Gray-VY LT	3815	Celadon Green-DK
✿	926	Gray Green-MD	3815	Celadon Green-DK
†	645	Beaver Gray-VY DK	3815	Celadon Green-DK
▣	927	Gray Green-LT	3815	Celadon Green-DK
✦	927	Gray Green-LT	3849	Teal Green-LT
+	414	Steel Gray-DK	931	Antique Blue-MD
●	927	Gray Green-LT	931	Antique Blue-MD
♠	3768	Gray Green-DK	926	Gray Green-MD
l	712	Cream	955	Nile Green-LT
◊	762	Pearl Gray-VY LT	955	Nile Green-LT
//	932	Antique Blue-LT	3813	Blue Green-LT
✕	414	Steel Gray-DK	3849	Teal Green-LT
♠	3813	Blue Green-LT	966	Baby Green-MD
⊕	932	Antique Blue-LT	966	Baby Green-MD
☾	926	Gray Green-MD	927	Gray Green-LT
▼	640	Beige Gray-VY DK	3787	Brown Gray-DK
☼	502	Blue Green	928	Gray Green-VY LT
♣	413	Pewter Gray-DK	502	Blue Green
♣	955	Nile Green-LT	964	Sea Green-LT
\$	3752	Antique Blue-VY LT	415	Pearl Gray
h	3752	Antique Blue-VY LT	955	Nile Green-LT
▲	598	Turquoise-LT	3752	Antique Blue-VY LT
*	932	Antique Blue-LT	598	Turquoise-LT
☾	415	Pearl Gray	598	Turquoise-LT
✕	928	Gray Green-VY LT	966	Baby Green-MD
✕	955	Nile Green-LT	966	Baby Green-MD
♣	415	Pearl Gray	966	Baby Green-MD
≡	598	Turquoise-LT	966	Baby Green-MD
≡	966	Baby Green-MD	3024	Brown Gray-VY 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	
317	Pewter Gray	55	21	53	20	47	18
318	Steel Gray-LT	172	67	163	64	147	57
369	Pistachio Green-VY LT	98	38	93	36	84	33
413	Pewter Gray-DK	83	32	79	31	71	27
414	Steel Gray-DK	277	109	264	103	238	93
415	Pearl Gray	2529	995	2409	948	2168	853
453	Shell Gray-LT	18	7	17	6	15	5
501	Blue Green-DK	59	23	56	22	51	20
502	Blue Green	725	285	691	272	622	244
503	Blue Green-MD	38	14	36	14	32	12
520	Fern Green-DK	515	202	491	193	441	173
522	Fern Green	75	29	71	27	64	25
523	Fern Green-LT	147	57	140	55	126	49
524	Fern Green-VY LT	639	251	609	239	548	215
535	Ash Gray-VY LT	742	292	706	277	636	250
598	Turquoise-LT	706	277	672	264	605	238
640	Beige Gray-VY DK	138	54	131	51	118	46
644	Beige Gray-MD	76	29	72	28	65	25
645	Beaver Gray-VY DK	1665	655	1585	624	1427	561
646	Beaver Gray-DK	1411	555	1344	529	1210	476
647	Beaver Gray-MD	1229	483	1170	460	1053	414
648	Beaver Gray-LT	1013	398	965	379	868	341
712	Cream	1697	668	1616	636	1454	572
746	Off White	152	59	145	57	130	51
762	Pearl Gray-VY LT	1510	594	1438	566	1294	509
775	Baby Blue-VY LT	41	16	39	15	35	13
822	Beige Gray-LT	160	62	152	59	137	53
839	Beige Brown-DK	37	14	36	14	32	12
844	Beaver Brown-UL DK	888	349	845	332	761	299
926	Gray Green-MD	1263	497	1203	473	1083	426
927	Gray Green-LT	2966	1167	2824	1111	2542	1000
928	Gray Green-VY LT	2548	1003	2427	955	2184	859
931	Antique Blue-MD	95	37	91	35	82	32
932	Antique Blue-LT	836	329	796	313	716	281
955	Nile Green-LT	6464	2544	6156	2423	5540	2181
964	Sea Green-LT	116	45	110	43	99	38
966	Baby Green-MD	3934	1548	3747	1475	3372	1327
3021	Brown Gray-VY DK	447	175	426	167	383	150
3022	Brown Gray-MD	157	61	149	58	134	52
3023	Brown Gray-LT	111	43	105	41	95	37
3024	Brown Gray-VY LT	2260	889	2153	847	1937	762
3032	Mocha Brown-MD	18	7	18	7	16	6
3033	Mocha Brown-VY LT	195	76	185	72	167	65
3051	Green Gray-DK	35	13	33	12	30	11
3052	Green Gray-MD	41	16	39	15	35	13
3053	Green Gray	17	6	16	6	14	5
3072	Beaver Gray-VY LT	1814	714	1728	680	1555	612
3362	Pine Green-DK	103	40	98	38	88	34
3363	Pine Green-MD	32	12	30	11	27	10
3743	Antique Violet-VY LT	106	41	101	39	91	35
3752	Antique Blue-VY LT	858	337	817	321	736	289
3753	Antique Blue-UL VY LT	61	24	58	22	52	20
3756	Baby Blue-UL VY LT	421	165	401	157	361	142

3768	Gray Green-DK	45	17	43	16	38	14
3781	Mocha Brown-DK	6	2	6	2	5	1
3787	Brown Gray-DK	328	129	312	122	281	110
3790	Beige Gray-UL DK	41	16	39	15	35	13
3799	Pewter Gray-VY DK	204	80	194	76	174	68
3811	Turquoise-VY LT	25	9	24	9	21	8
3813	Blue Green-LT	1219	479	1161	457	1045	411
3815	Celadon Green-DK	518	203	494	194	444	174
3817	Celadon Green-LT	256	100	244	96	220	86
3849	Teal Green-LT	173	68	165	64	148	58
3865	Winter White	7	2	7	2	6	2
3866	Mocha Brown-UL VY LT	503	198	479	188	431	169
ecru	Ecru	118	46	113	44	101	39

Extended thread usage table.

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
317	Pewter Gray	85	32	71	27	35	14
318	Steel Gray-LT	265	103	221	86	110	43
369	Pistachio Green-VY LT	151	59	126	50	63	25
413	Pewter Gray-DK	128	49	107	41	53	20
414	Steel Gray-DK	428	167	357	140	179	70
415	Pearl Gray	3902	1535	3252	1280	1626	640
453	Shell Gray-LT	27	9	23	8	11	4
501	Blue Green-DK	92	36	77	30	38	15
502	Blue Green	1120	439	933	366	467	183
503	Blue Green-MD	58	22	48	18	24	9
520	Fern Green-DK	794	311	662	260	331	130
522	Fern Green	115	45	96	38	48	19
523	Fern Green-LT	227	88	189	74	95	37
524	Fern Green-VY LT	986	387	822	323	411	161
535	Ash Gray-VY LT	1145	450	954	375	477	188
598	Turquoise-LT	1089	428	908	357	454	179
640	Beige Gray-VY DK	212	83	177	69	89	35
644	Beige Gray-MD	117	45	98	38	49	19
645	Beaver Gray-VY DK	2569	1010	2141	842	1070	421
646	Beaver Gray-DK	2178	857	1815	714	908	357
647	Beaver Gray-MD	1895	745	1580	621	790	311
648	Beaver Gray-LT	1562	614	1302	512	651	256
712	Cream	2617	1030	2181	858	1091	429
746	Off White	234	92	195	77	98	38
762	Pearl Gray-VY LT	2329	916	1941	764	971	382
775	Baby Blue-VY LT	63	23	53	20	26	10
822	Beige Gray-LT	247	95	206	80	103	40
839	Beige Brown-DK	58	22	48	18	24	9
844	Beaver Brown-UL DK	1370	538	1142	449	571	224
926	Gray Green-MD	1949	767	1625	639	812	320
927	Gray Green-LT	4576	1800	3813	1500	1907	750
928	Gray Green-VY LT	3931	1546	3276	1289	1638	644
931	Antique Blue-MD	148	58	123	48	62	24
932	Antique Blue-LT	1289	506	1074	422	537	211
955	Nile Green-LT	9972	3926	8310	3272	4155	1636
964	Sea Green-LT	178	68	149	57	74	29
966	Baby Green-MD	6070	2389	5058	1991	2529	995
3021	Brown Gray-VY DK	689	270	575	225	287	113
3022	Brown Gray-MD	241	94	201	78	101	39

3023	Brown Gray-LT	171	67	143	56	71	28
3024	Brown Gray-VY LT	3487	1372	2906	1143	1453	572
3032	Mocha Brown-MD	29	11	24	9	12	5
3033	Mocha Brown-VY LT	301	117	251	98	125	49
3051	Green Gray-DK	54	20	45	17	23	8
3052	Green Gray-MD	63	23	53	20	26	10
3053	Green Gray	25	9	21	8	11	4
3072	Beaver Gray-VY LT	2799	1102	2333	918	1166	459
3362	Pine Green-DK	158	61	132	51	66	26
3363	Pine Green-MD	49	18	41	15	20	8
3743	Antique Violet-VY LT	164	63	137	53	68	26
3752	Antique Blue-VY LT	1325	520	1104	434	552	217
3753	Antique Blue-UL VY LT	94	36	78	30	39	15
3756	Baby Blue-UL VY LT	650	256	542	213	271	107
3768	Gray Green-DK	68	25	57	21	29	11
3781	Mocha Brown-DK	9	2	8	2	4	1
3787	Brown Gray-DK	506	198	422	165	211	83
3790	Beige Gray-UL DK	63	23	53	20	26	10
3799	Pewter Gray-VY DK	313	122	261	102	131	51
3811	Turquoise-VY LT	38	14	32	12	16	6
3813	Blue Green-LT	1881	740	1568	617	784	308
3815	Celadon Green-DK	799	313	666	261	333	131
3817	Celadon Green-LT	396	155	330	129	165	65
3849	Teal Green-LT	266	104	222	87	111	44
3865	Winter White	11	4	9	3	5	2
3866	Mocha Brown-UL VY LT	776	304	647	254	323	127
ecru	Ecru	182	70	152	59	76	29

Extended thread usage table.

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
317	Pewter Gray	34	13	33	12	31	12
318	Steel Gray-LT	106	41	102	39	98	38
369	Pistachio Green-VY LT	60	24	58	23	56	22
413	Pewter Gray-DK	51	19	49	19	47	18
414	Steel Gray-DK	171	67	165	64	159	62
415	Pearl Gray	1561	614	1501	591	1445	569
453	Shell Gray-LT	11	4	10	3	10	3
501	Blue Green-DK	37	14	35	14	34	13
502	Blue Green	448	176	431	169	415	163
503	Blue Green-MD	23	9	22	8	21	8
520	Fern Green-DK	318	125	305	120	294	115
522	Fern Green	46	18	44	17	43	17
523	Fern Green-LT	91	35	87	34	84	33
524	Fern Green-VY LT	395	155	379	149	365	143
535	Ash Gray-VY LT	458	180	440	173	424	167
598	Turquoise-LT	436	171	419	165	403	159
640	Beige Gray-VY DK	85	33	82	32	79	31
644	Beige Gray-MD	47	18	45	17	43	17
645	Beaver Gray-VY DK	1027	404	988	388	951	374
646	Beaver Gray-DK	871	343	838	330	807	317
647	Beaver Gray-MD	758	298	729	287	702	276
648	Beaver Gray-LT	625	246	601	236	579	227
712	Cream	1047	412	1007	396	969	381
746	Off White	94	37	90	35	87	34
762	Pearl Gray-VY LT	932	366	896	352	863	339

775	Baby Blue-VY LT	25	9	24	9	23	9
822	Beige Gray-LT	99	38	95	37	91	35
839	Beige Brown-DK	23	9	22	8	21	8
844	Beaver Brown-UL DK	548	215	527	207	507	199
926	Gray Green-MD	780	307	750	295	722	284
927	Gray Green-LT	1830	720	1760	692	1695	667
928	Gray Green-VY LT	1572	618	1512	595	1456	573
931	Antique Blue-MD	59	23	57	22	55	21
932	Antique Blue-LT	516	202	496	195	477	187
955	Nile Green-LT	3989	1570	3835	1510	3693	1454
964	Sea Green-LT	71	27	69	26	66	25
966	Baby Green-MD	2428	955	2334	919	2248	885
3021	Brown Gray-VY DK	276	108	265	104	255	100
3022	Brown Gray-MD	96	37	93	36	89	35
3023	Brown Gray-LT	68	27	66	26	63	25
3024	Brown Gray-VY LT	1395	549	1341	528	1291	508
3032	Mocha Brown-MD	12	4	11	4	11	4
3033	Mocha Brown-VY LT	120	47	116	45	111	43
3051	Green Gray-DK	22	8	21	8	20	7
3052	Green Gray-MD	25	9	24	9	23	9
3053	Green Gray	10	4	10	3	9	3
3072	Beaver Gray-VY LT	1120	441	1077	424	1037	408
3362	Pine Green-DK	63	24	61	24	59	23
3363	Pine Green-MD	19	7	19	7	18	7
3743	Antique Violet-VY LT	66	25	63	24	61	23
3752	Antique Blue-VY LT	530	208	510	200	491	193
3753	Antique Blue-UL VY LT	37	14	36	14	35	13
3756	Baby Blue-UL VY LT	260	102	250	98	241	95
3768	Gray Green-DK	27	10	26	10	25	9
3781	Mocha Brown-DK	4	1	3	1	3	1
3787	Brown Gray-DK	202	79	195	76	187	73
3790	Beige Gray-UL DK	25	9	24	9	23	9
3799	Pewter Gray-VY DK	125	49	120	47	116	45
3811	Turquoise-VY LT	15	6	15	6	14	5
3813	Blue Green-LT	752	296	723	285	697	274
3815	Celadon Green-DK	320	125	307	120	296	116
3817	Celadon Green-LT	158	62	152	60	147	57
3849	Teal Green-LT	107	42	102	40	99	39
3865	Winter White	4	1	4	1	4	1
3866	Mocha Brown-UL VY LT	310	122	298	117	287	113
ecru	Ecru	73	28	70	27	67	26

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
317	Pewter Gray	30	12	28	11	26	10
318	Steel Gray-LT	95	37	88	34	83	32
369	Pistachio Green-VY LT	54	21	50	20	47	19
413	Pewter Gray-DK	46	17	43	16	40	15
414	Steel Gray-DK	153	60	143	56	134	52
415	Pearl Gray	1394	548	1301	512	1220	480
453	Shell Gray-LT	10	3	9	3	8	3
501	Blue Green-DK	33	13	31	12	29	11
502	Blue Green	400	157	373	146	350	137
503	Blue Green-MD	21	8	19	7	18	7
520	Fern Green-DK	284	111	265	104	248	97

522	Fern Green	41	16	38	15	36	14
523	Fern Green-LT	81	32	76	29	71	28
524	Fern Green-VY LT	352	138	329	129	308	121
535	Ash Gray-VY LT	409	161	382	150	358	141
598	Turquoise-LT	389	153	363	143	340	134
640	Beige Gray-VY DK	76	30	71	28	66	26
644	Beige Gray-MD	42	16	39	15	37	14
645	Beaver Gray-VY DK	917	361	856	337	803	316
646	Beaver Gray-DK	778	306	726	286	681	268
647	Beaver Gray-MD	677	266	632	248	592	233
648	Beaver Gray-LT	558	219	521	205	488	192
712	Cream	935	368	872	343	818	322
746	Off White	84	33	78	31	73	29
762	Pearl Gray-VY LT	832	327	776	305	728	286
775	Baby Blue-VY LT	23	8	21	8	20	7
822	Beige Gray-LT	88	34	82	32	77	30
839	Beige Brown-DK	21	8	19	7	18	7
844	Beaver Brown-UL DK	489	192	457	179	428	168
926	Gray Green-MD	696	274	650	256	609	240
927	Gray Green-LT	1634	643	1525	600	1430	563
928	Gray Green-VY LT	1404	552	1310	515	1229	483
931	Antique Blue-MD	53	21	49	19	46	18
932	Antique Blue-LT	460	181	430	169	403	158
955	Nile Green-LT	3561	1402	3324	1309	3116	1227
964	Sea Green-LT	64	24	59	23	56	21
966	Baby Green-MD	2168	853	2023	796	1897	746
3021	Brown Gray-VY DK	246	96	230	90	215	84
3022	Brown Gray-MD	86	33	80	31	75	29
3023	Brown Gray-LT	61	24	57	22	53	21
3024	Brown Gray-VY LT	1245	490	1162	457	1090	429
3032	Mocha Brown-MD	10	4	10	4	9	3
3033	Mocha Brown-VY LT	107	42	100	39	94	37
3051	Green Gray-DK	19	7	18	7	17	6
3052	Green Gray-MD	23	8	21	8	20	7
3053	Green Gray	9	3	8	3	8	3
3072	Beaver Gray-VY LT	1000	393	933	367	875	344
3362	Pine Green-DK	57	22	53	20	50	19
3363	Pine Green-MD	17	6	16	6	15	6
3743	Antique Violet-VY LT	59	23	55	21	51	20
3752	Antique Blue-VY LT	473	186	442	173	414	163
3753	Antique Blue-UL VY LT	33	13	31	12	29	11
3756	Baby Blue-UL VY LT	232	91	217	85	203	80
3768	Gray Green-DK	24	9	23	8	21	8
3781	Mocha Brown-DK	3	1	3	1	3	1
3787	Brown Gray-DK	181	71	169	66	158	62
3790	Beige Gray-UL DK	23	8	21	8	20	7
3799	Pewter Gray-VY DK	112	44	104	41	98	38
3811	Turquoise-VY LT	14	5	13	5	12	5
3813	Blue Green-LT	672	264	627	247	588	231
3815	Celadon Green-DK	285	112	266	104	250	98
3817	Celadon Green-LT	141	55	132	52	124	48
3849	Teal Green-LT	95	37	89	35	83	33
3865	Winter White	4	1	4	1	3	1
3866	Mocha Brown-UL VY LT	277	109	259	101	242	95
ecru	Ecru	65	25	61	23	57	22

$$(10) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (11)$$

[illegible]

(13)

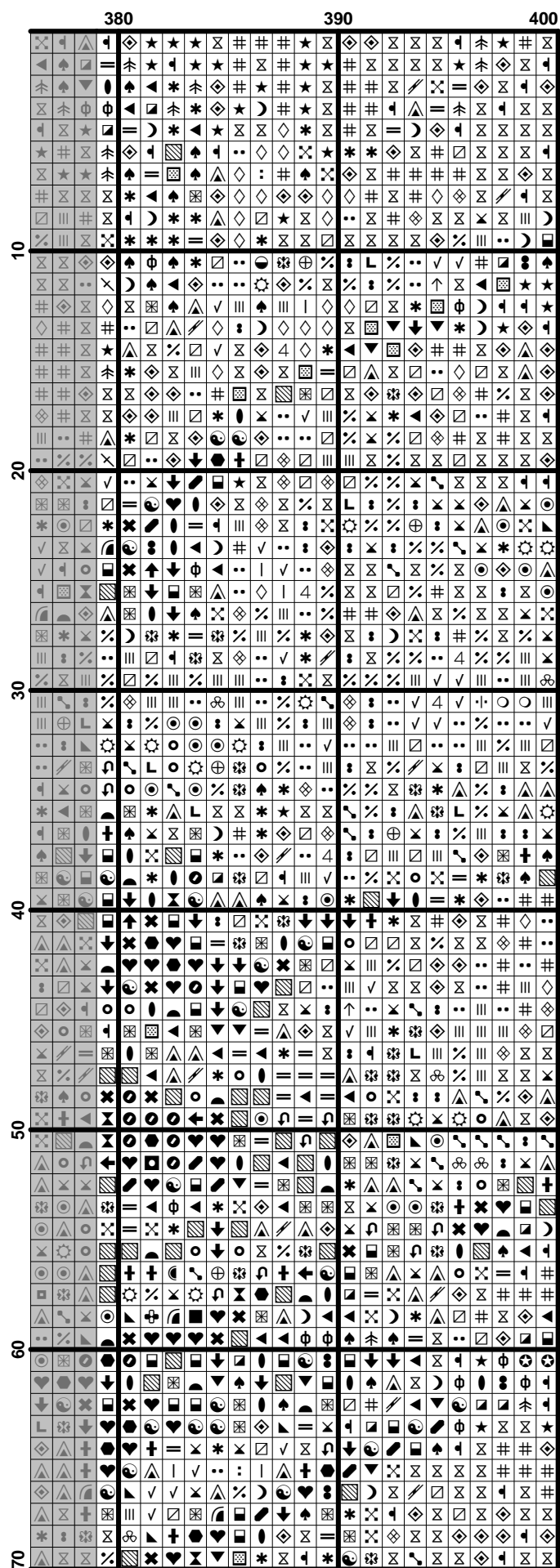
[illegible]

(15)

(16)

(17)

	330	340	350	360	370
10					
20					
30					
40					
50					
60					
70					



$$(19) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$

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

	100	110	120	130	140
70					
80					
90					
100					
110					
120					
130					

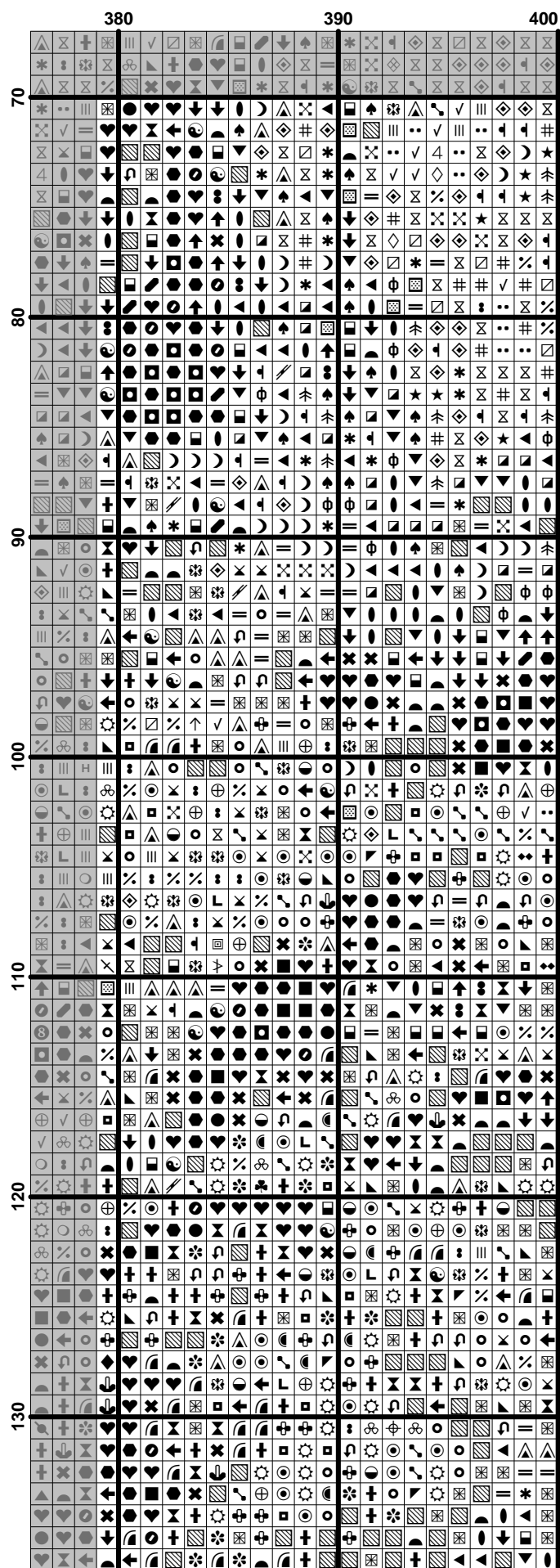
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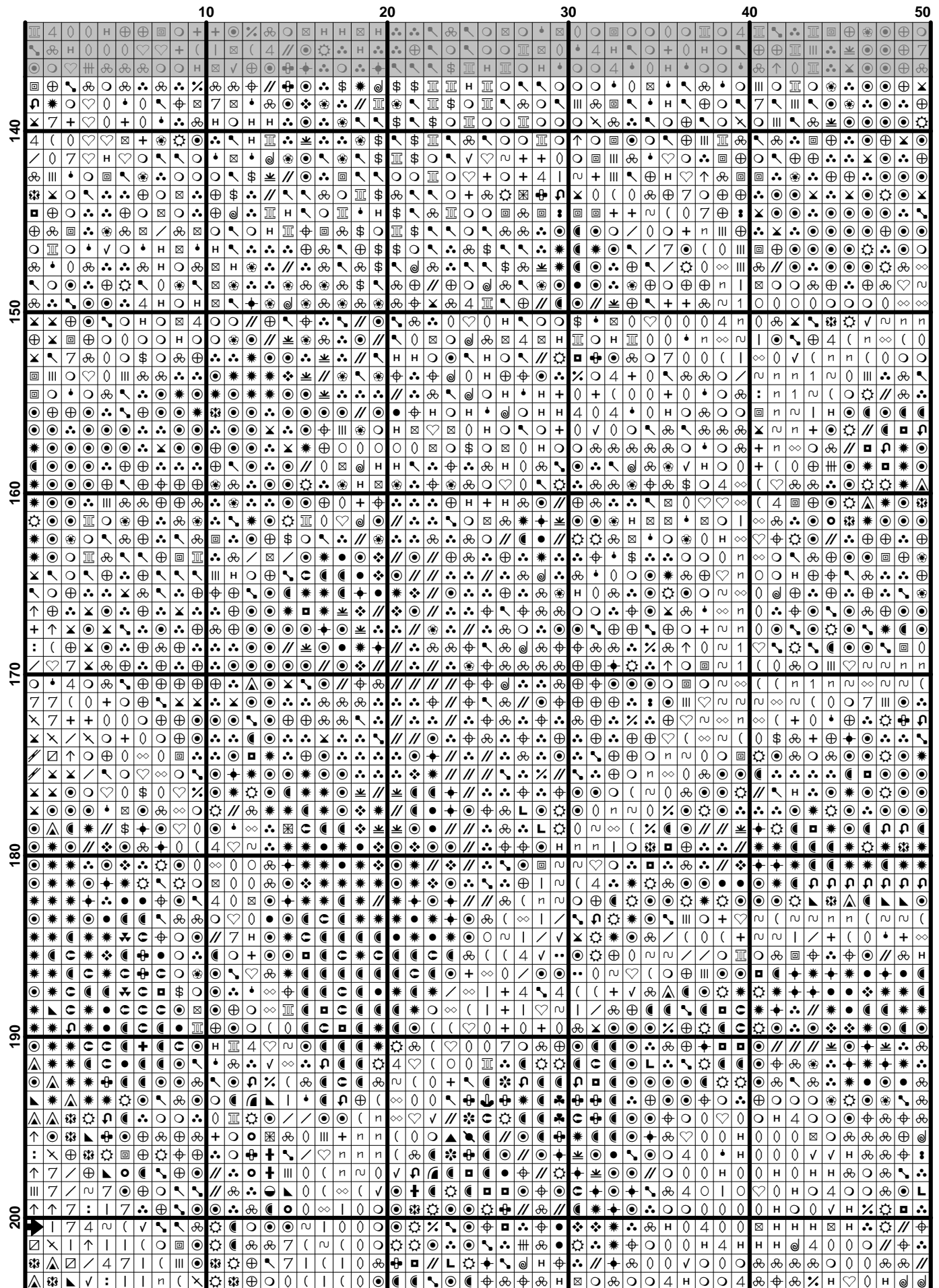
(24)

	240	250	260	270	280
70					
80					
90					
100					
110					
120					
130					

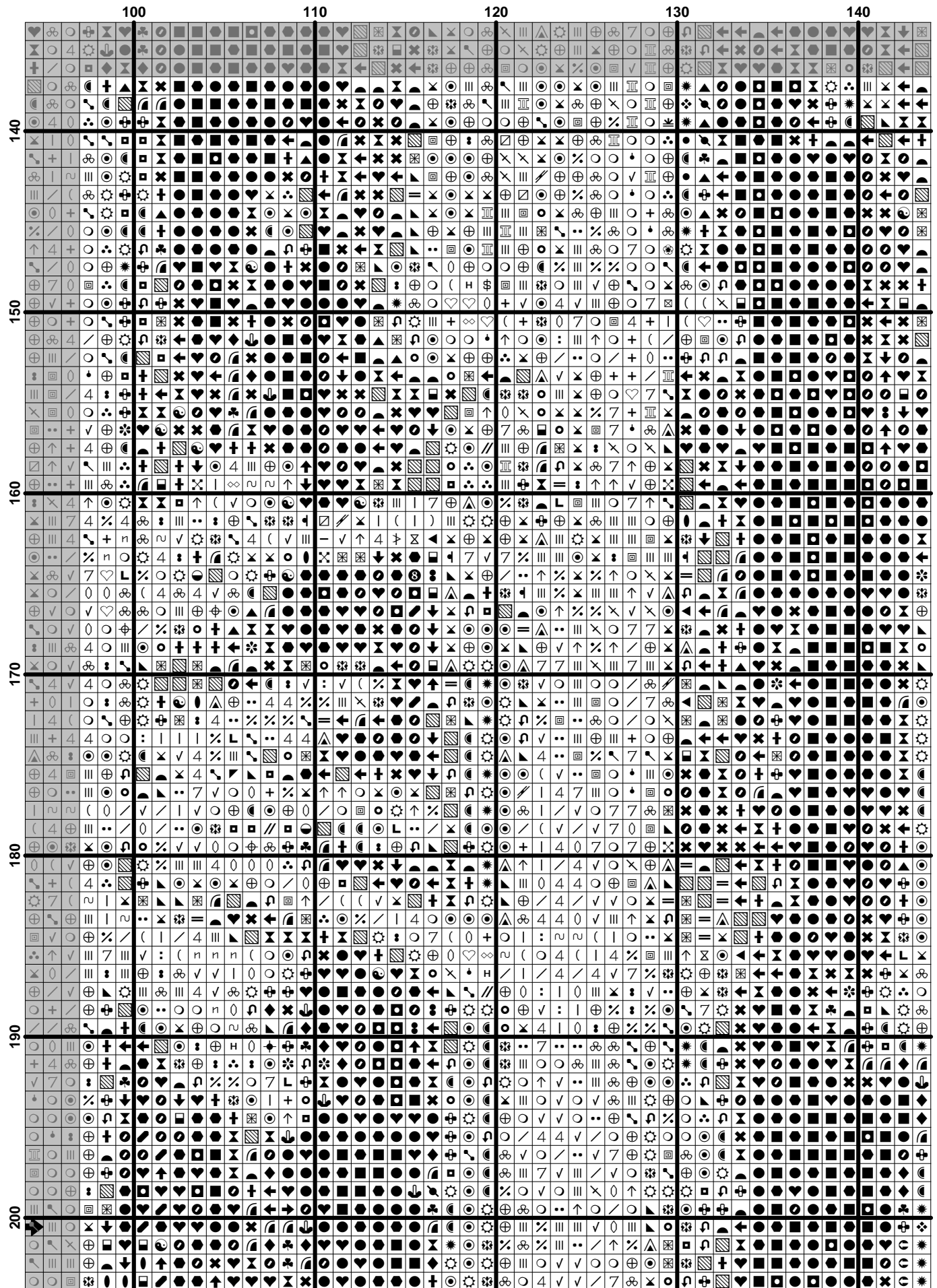
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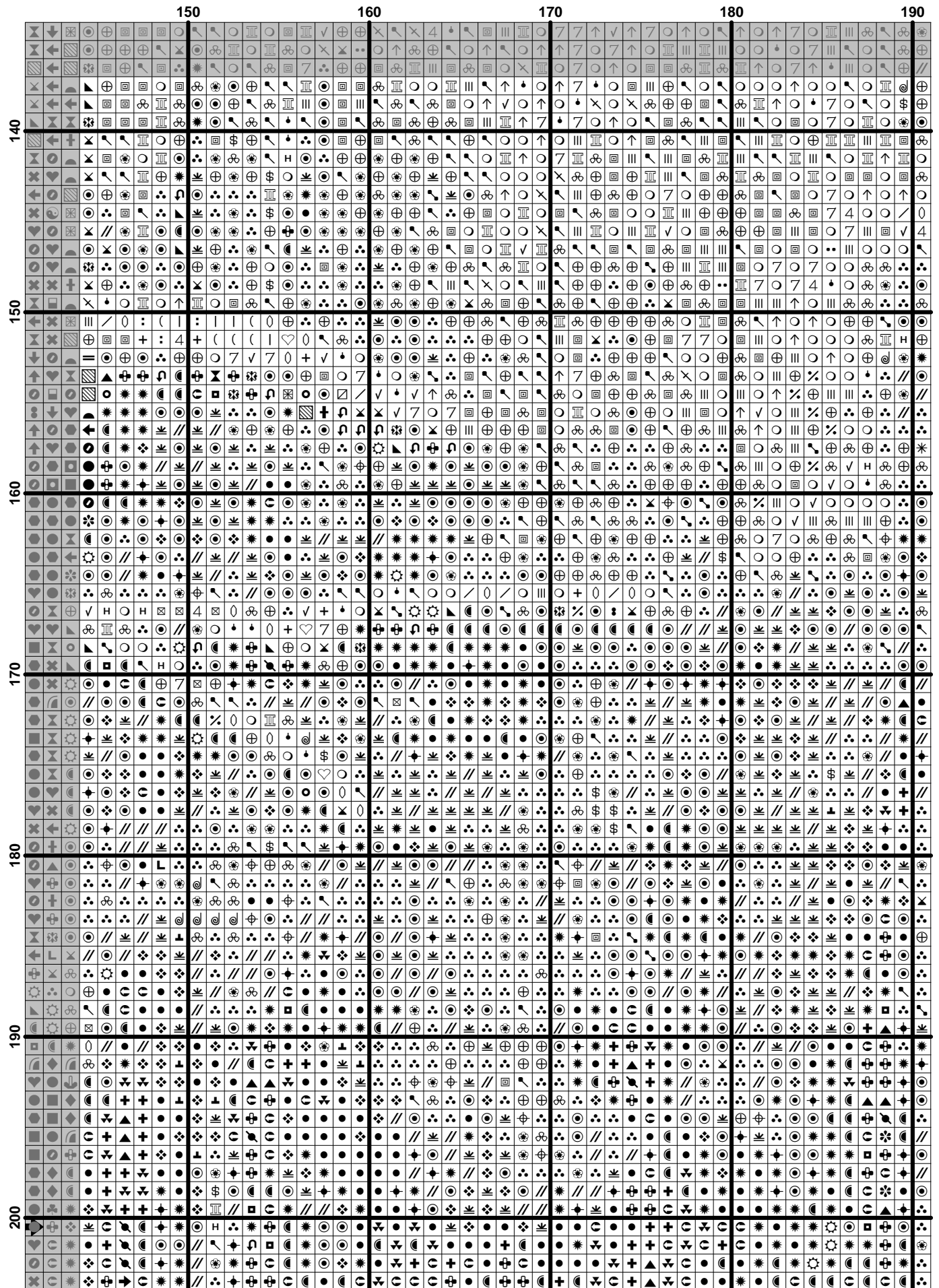
	330	340	350	360	370
70
80
90
100
110
120
130

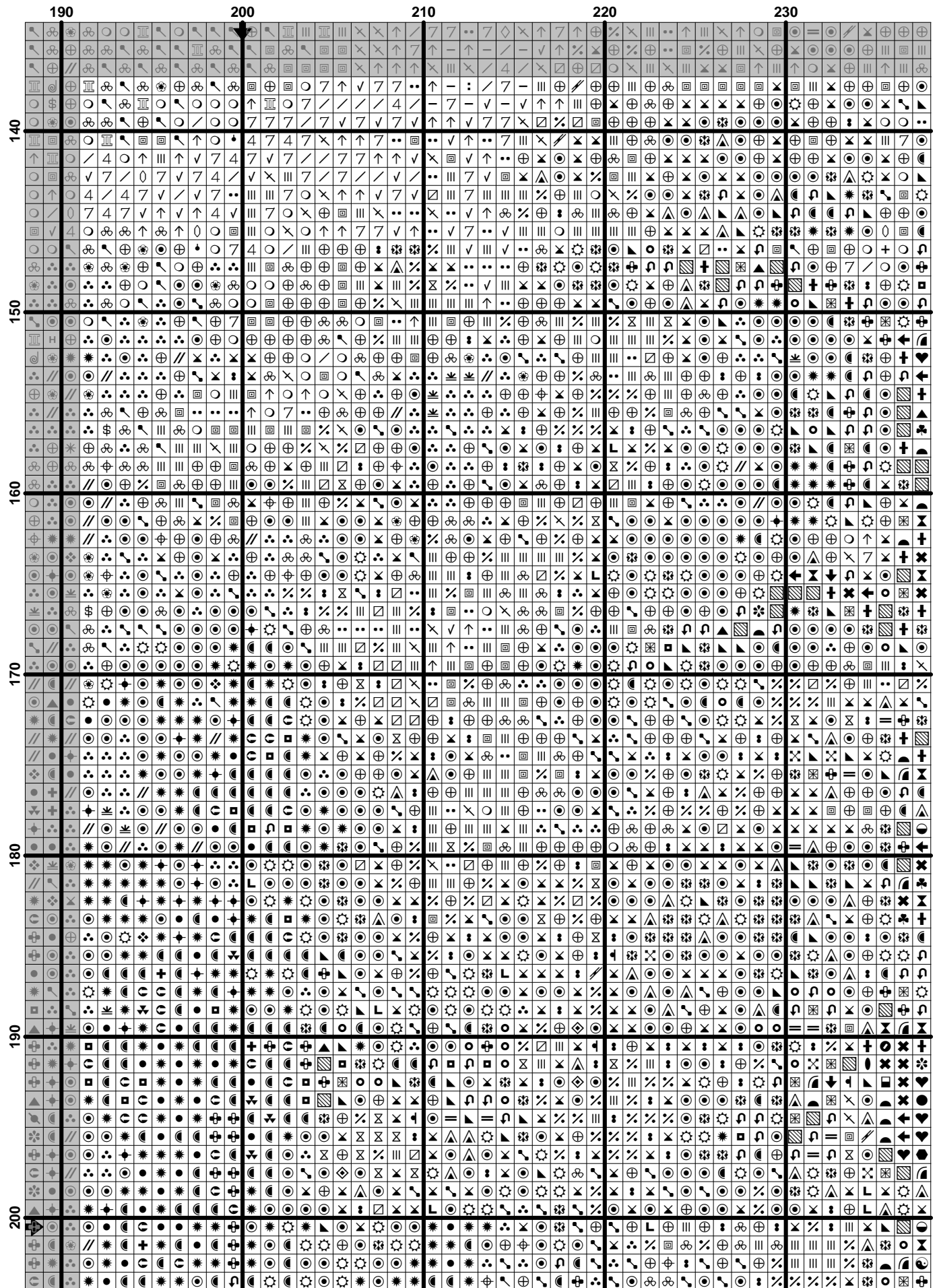


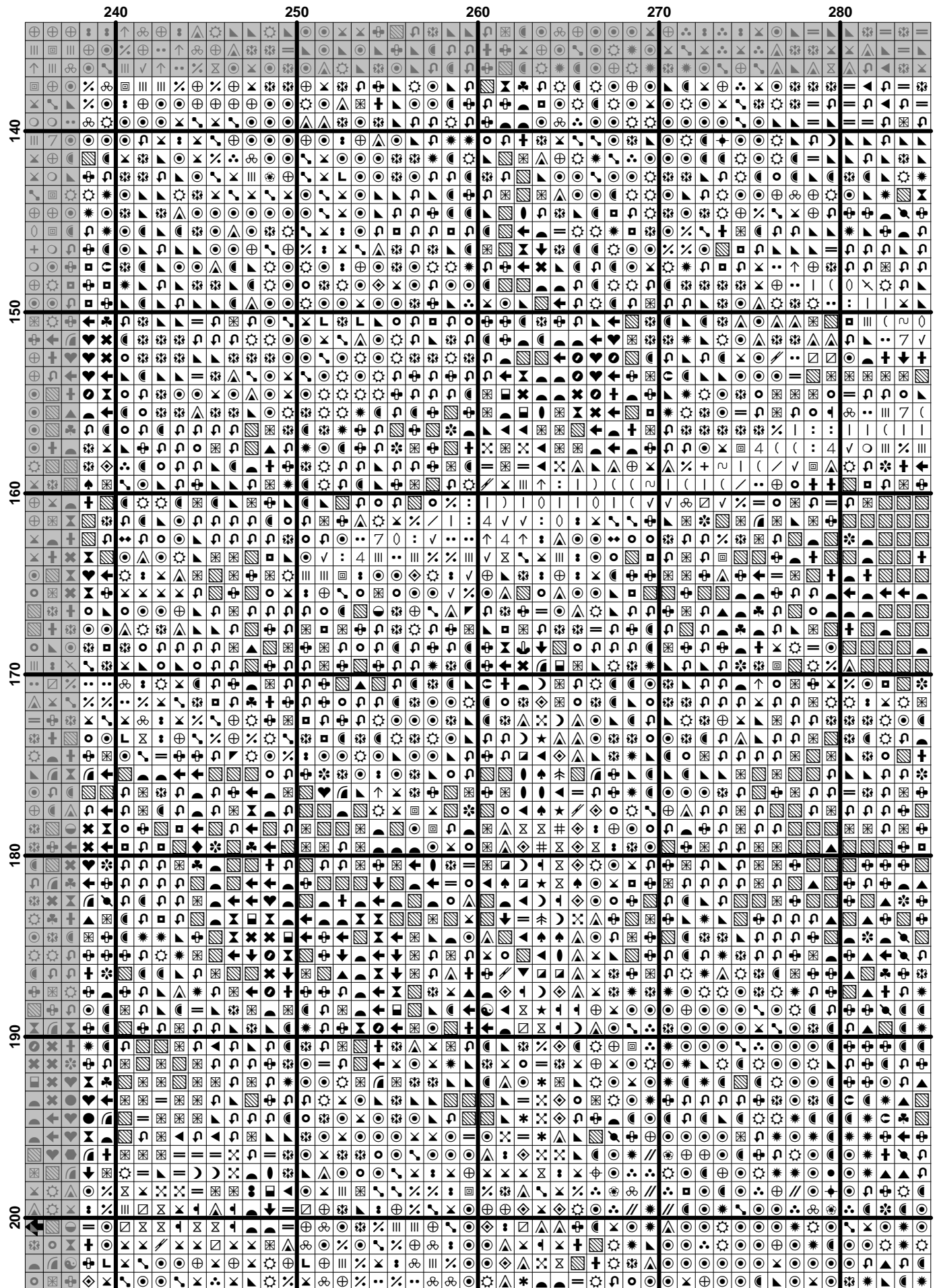


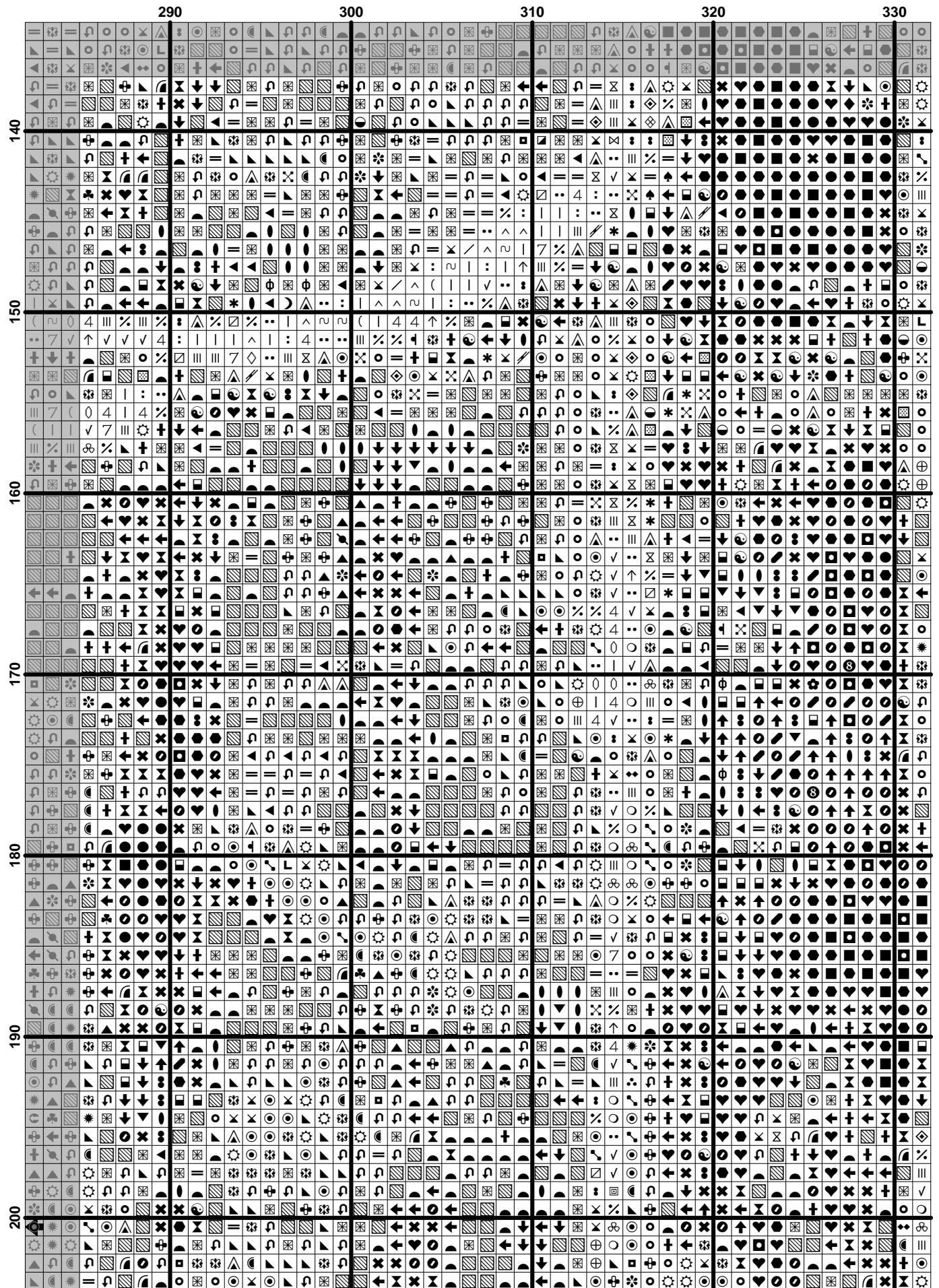
	50	60	70	80	90
140					
150					
160					
170					
180					
190					
200					

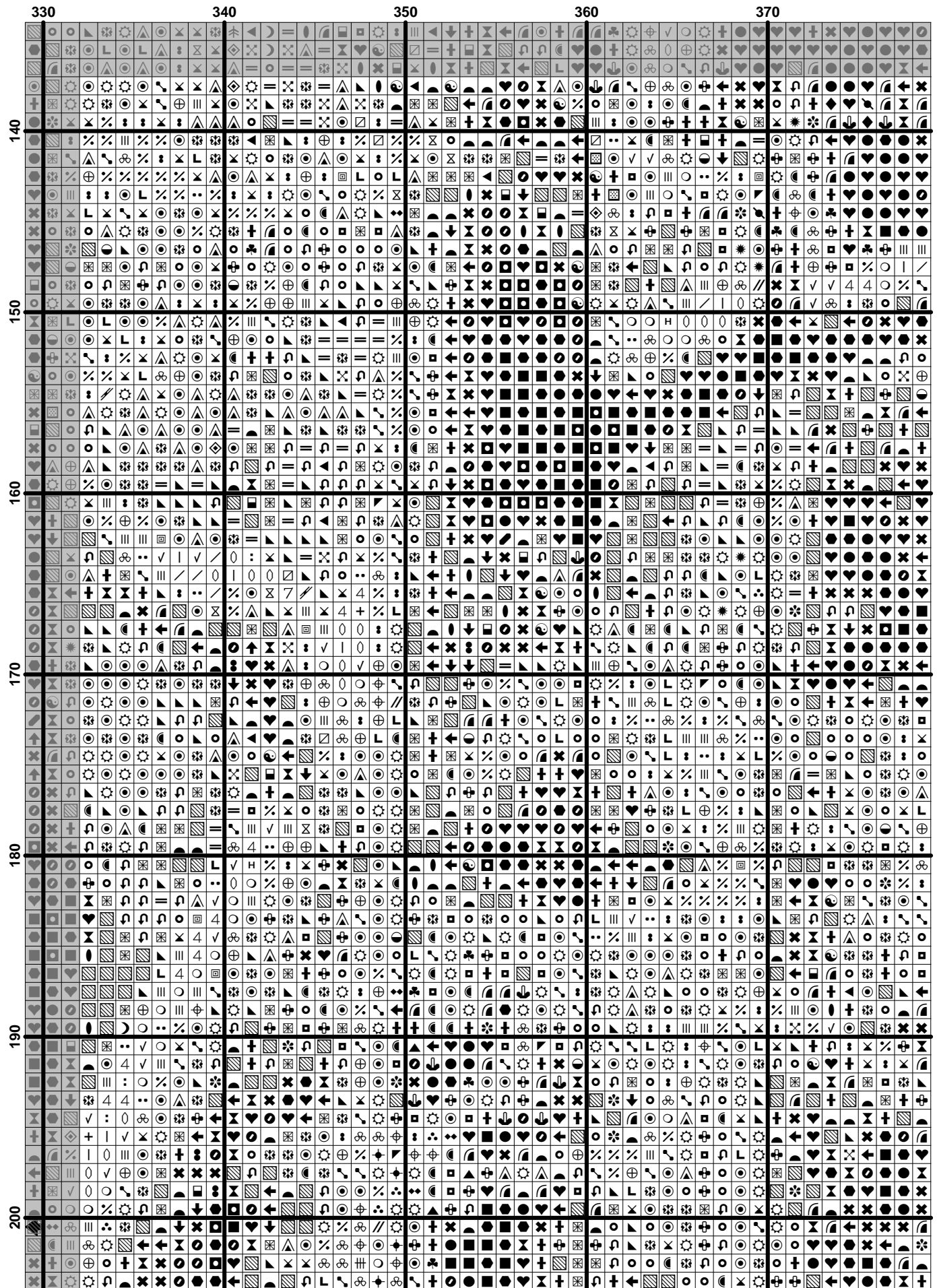


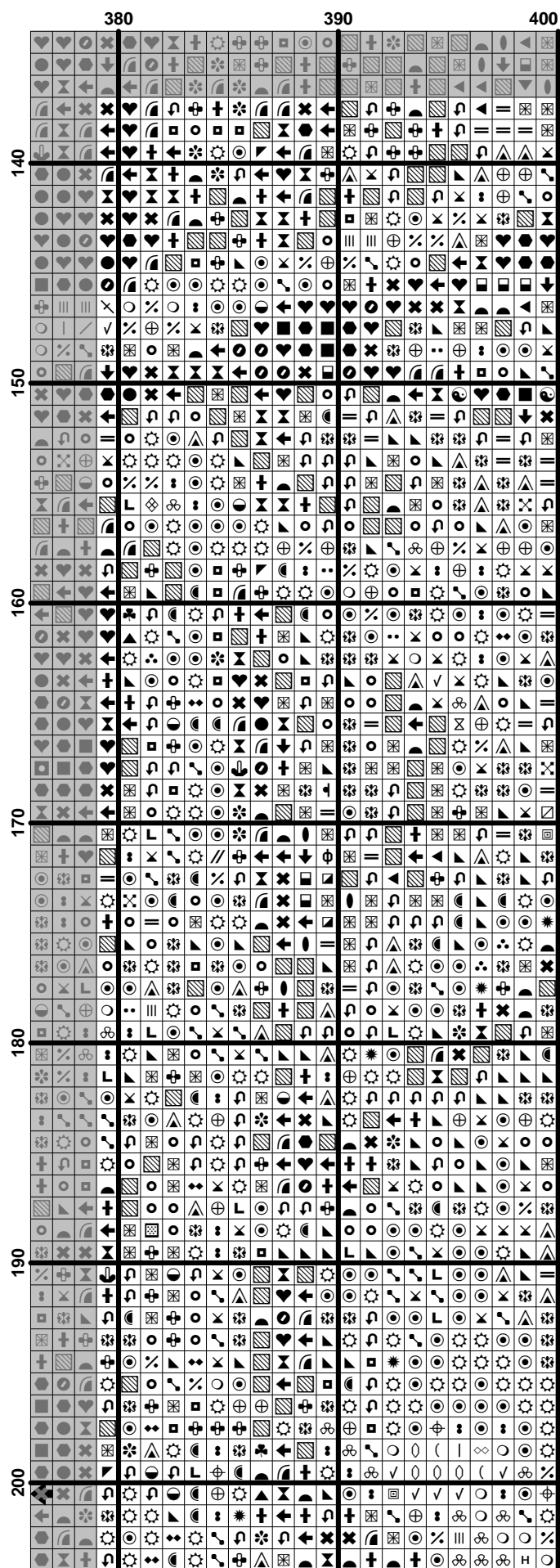










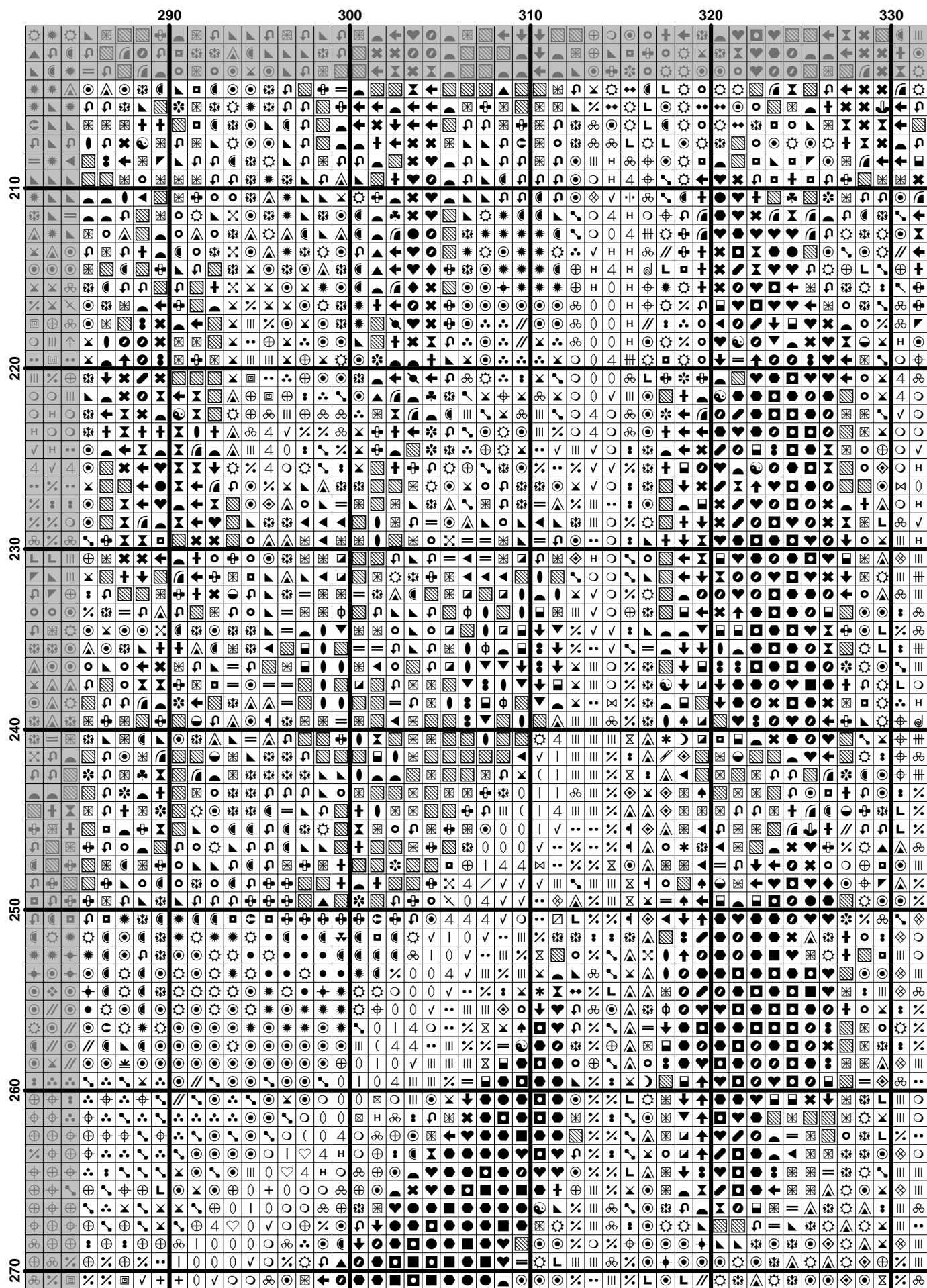


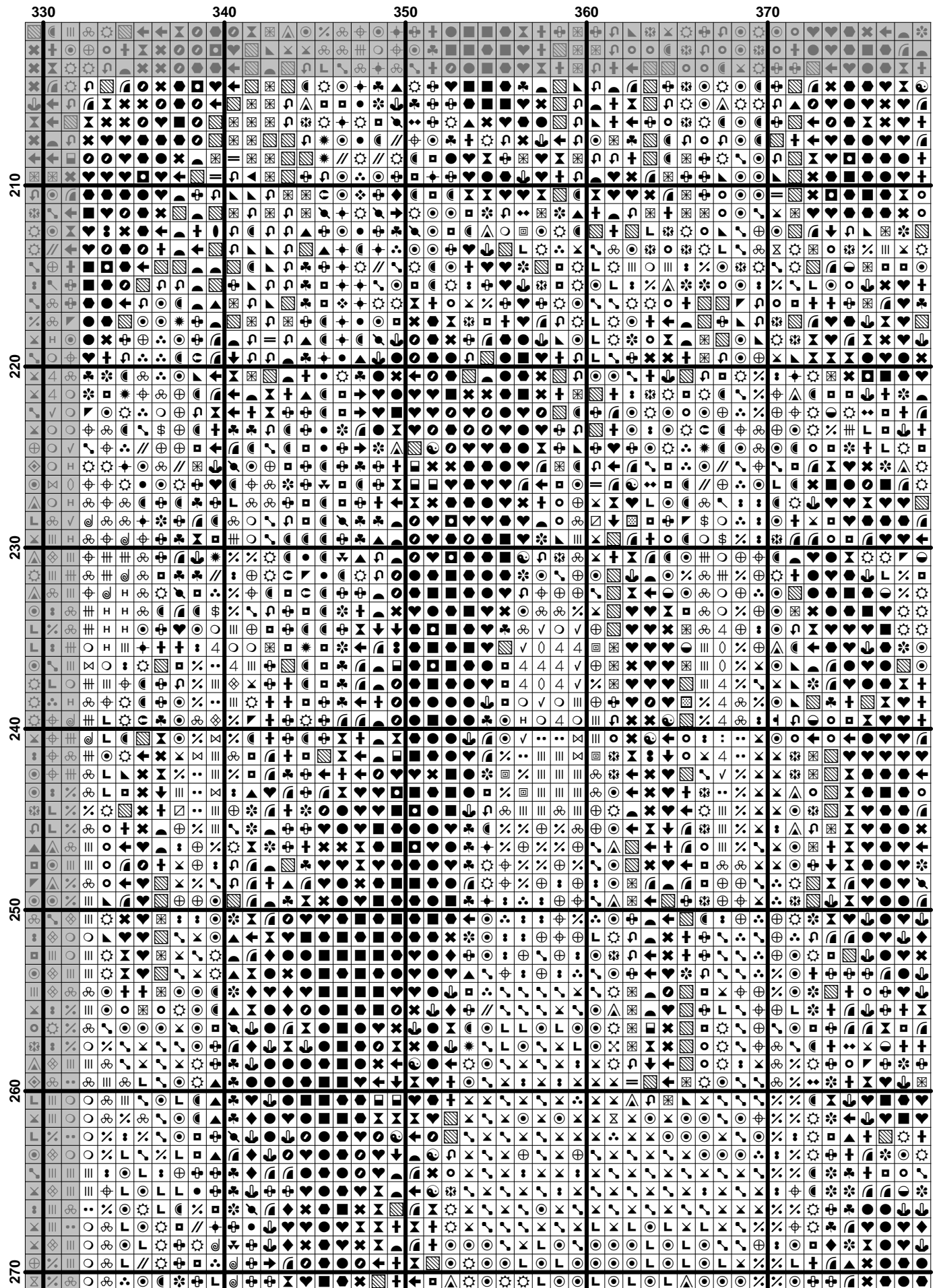
	50	60	70	80	90
210
220
230
240
250
260
270

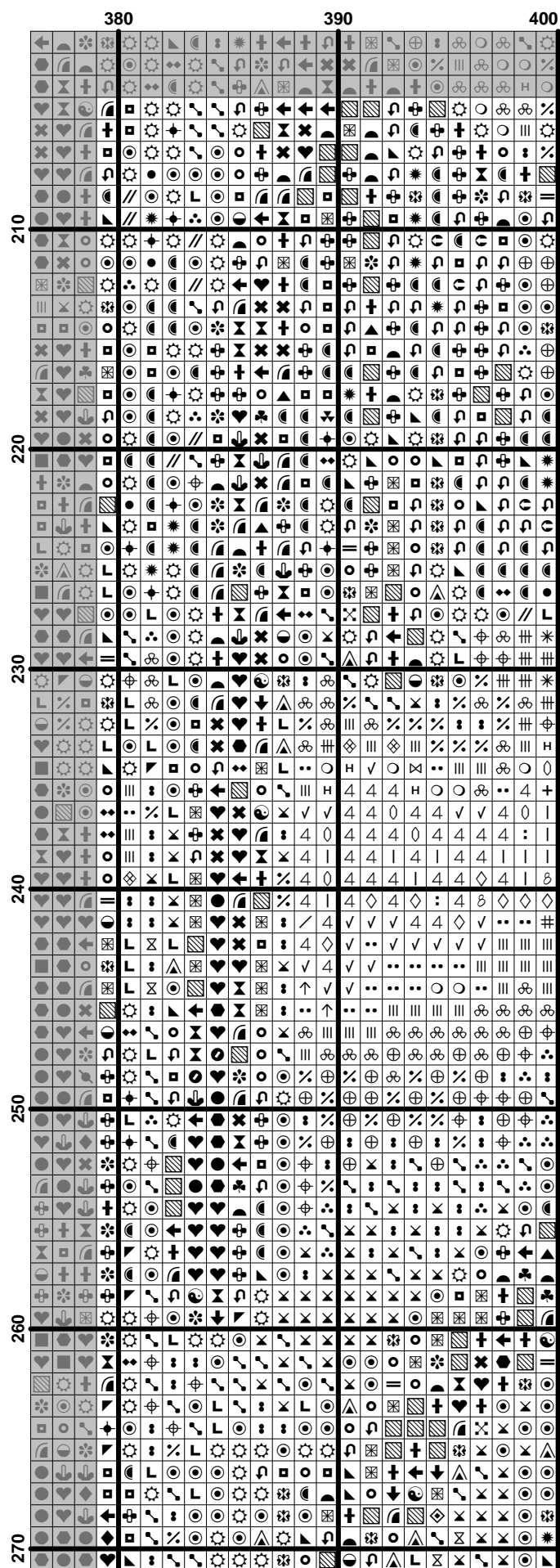
	100	110	120	130	140
210
220
230
240
250
260
270

	190	200	210	220	230
210	+	+	+	+	+
220	+	+	+	+	+
230	+	+	+	+	+
240	+	+	+	+	+
250	+	+	+	+	+
260	+	+	+	+	+
270	+	+	+	+	+

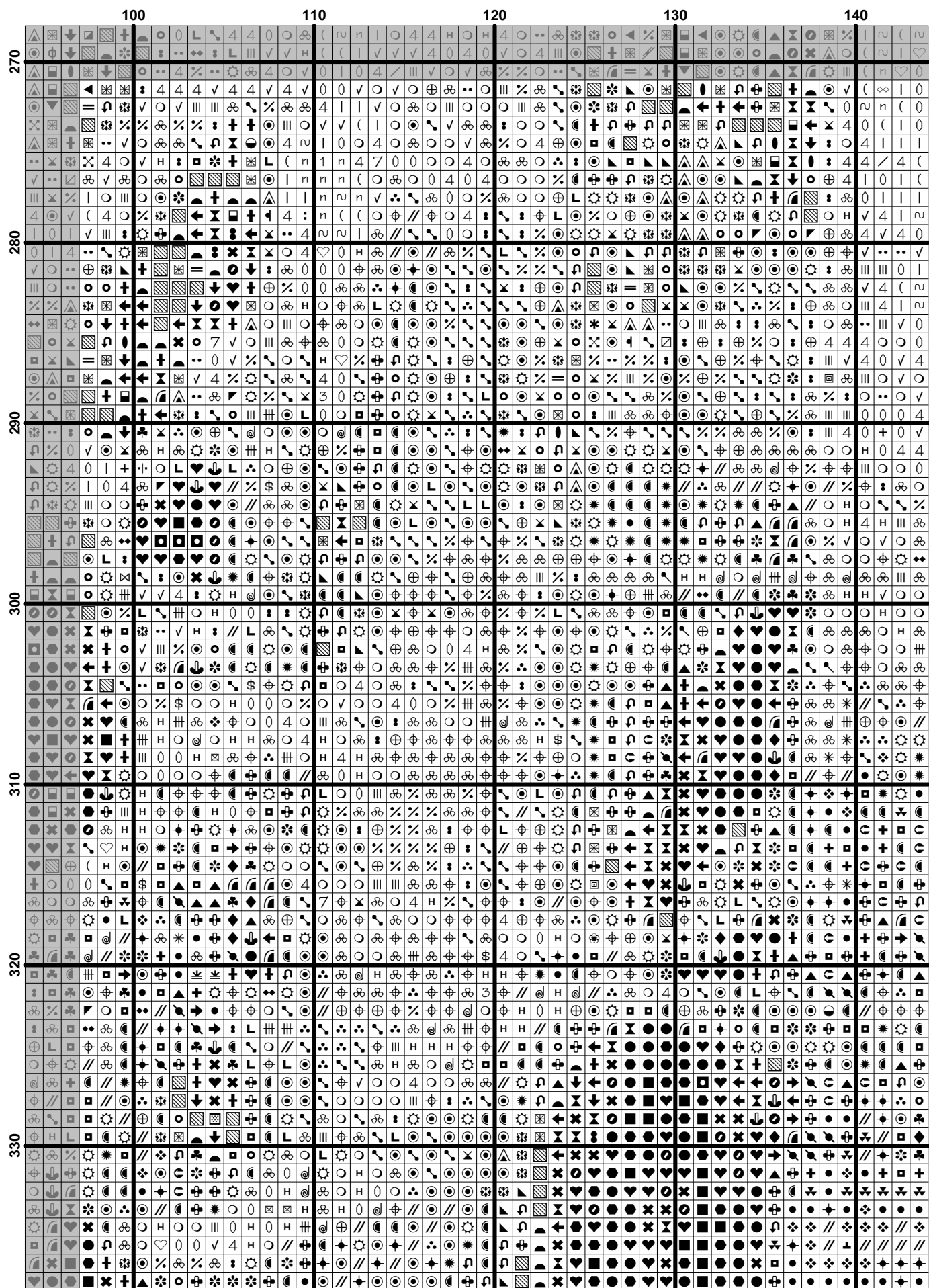
	240	250	260	270	280
210					
220					
230					
240					
250					
260					
270					
280					







$$(47) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds + \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$

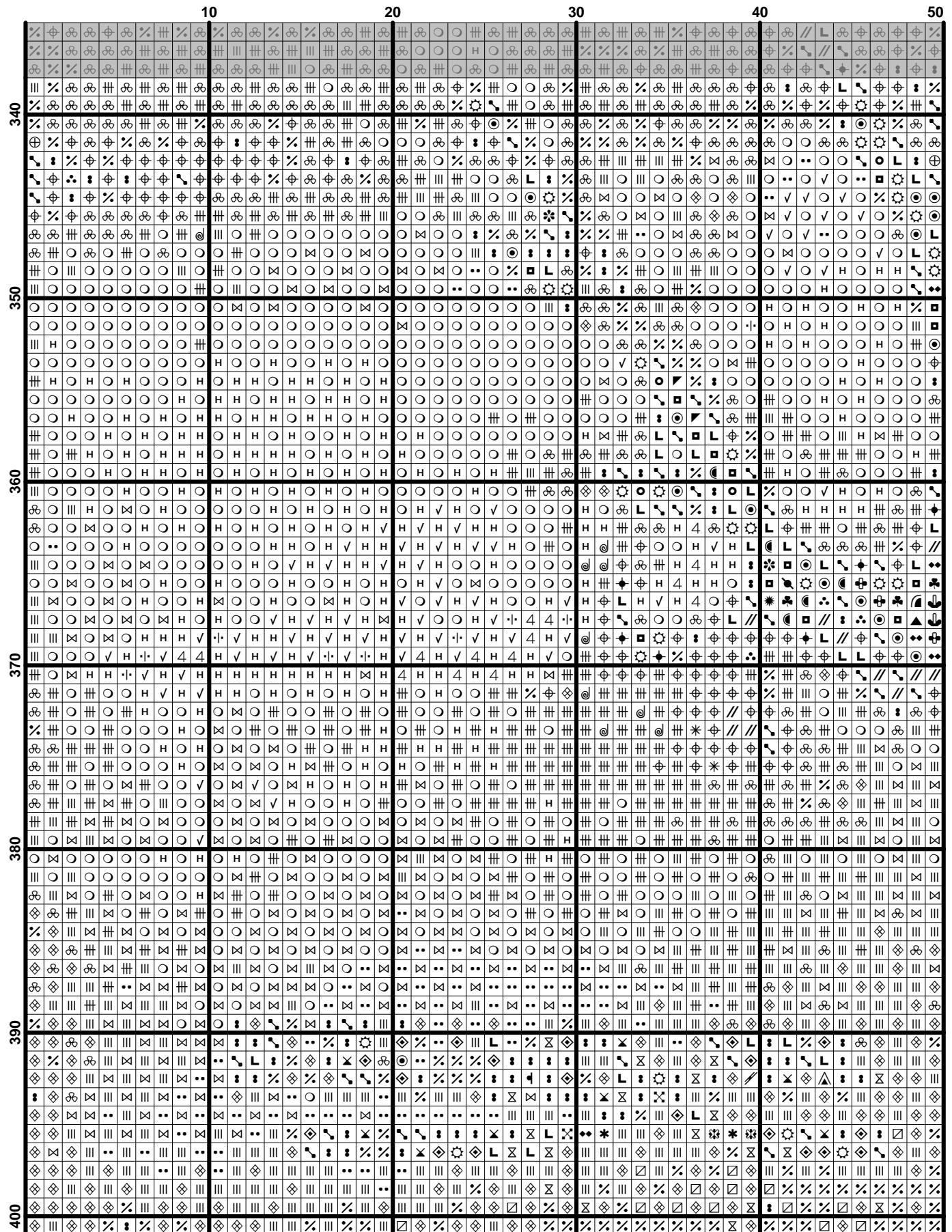


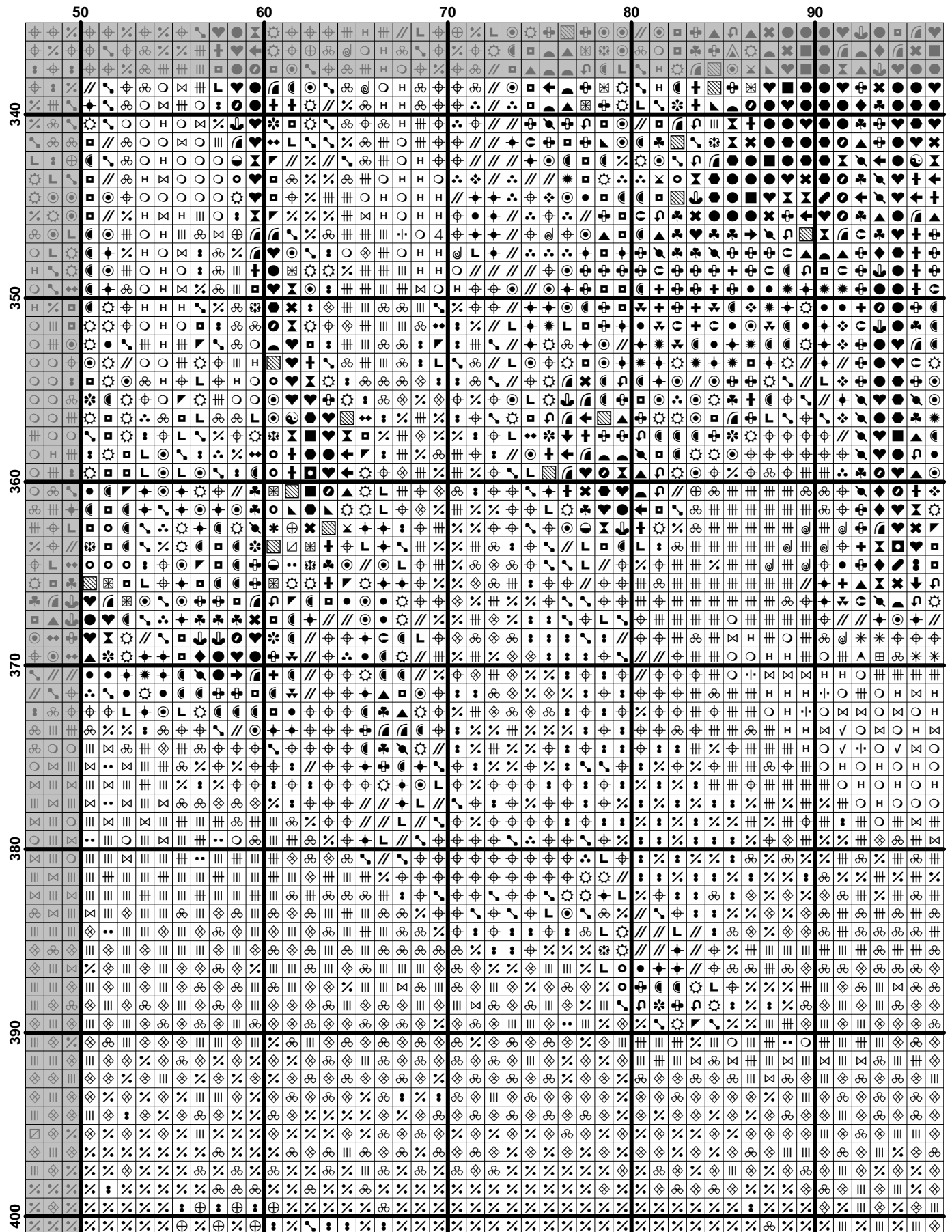
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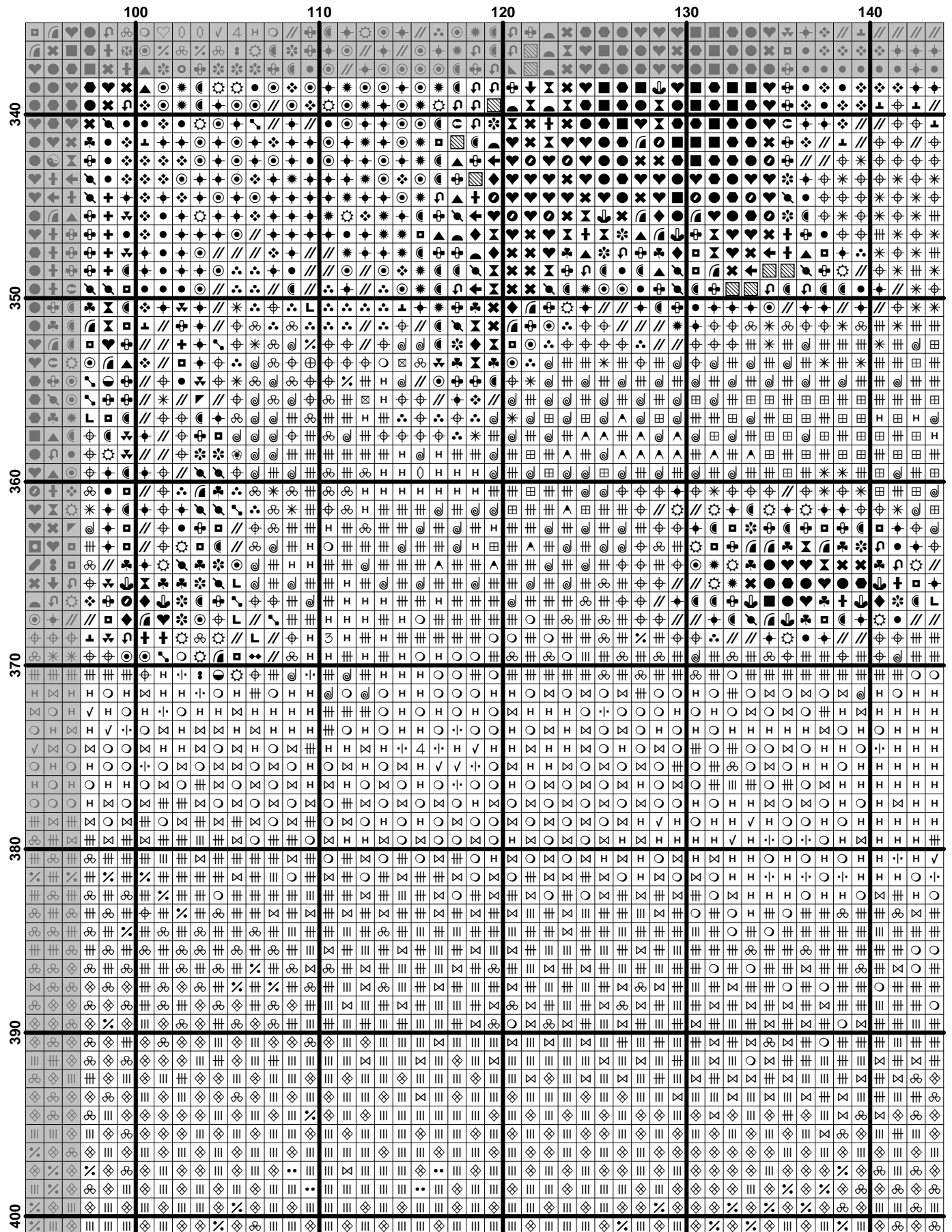
[illegible]

	290										300										310										320										330									
270																																																		
280																																																		
290																																																		
300																																																		
310																																																		
320																																																		
330																																																		

(54)







[illegible]

[illegible]

[illegible]

[illegible]

[illegible]