

1142 Virginie



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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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Virginie

Stitch Count	
Horizontal:	400
Vertical:	307

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	56	21.85	64	24.89	49	19.12	57	22.125	44	17
Including Margins:	89	35	72	28	80	31	65	26	73	29	60	24
	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	78	30.59	85	33.18	65	25.49	42	16.59	32	12.74
Including Margins:	118	46	94	37	101	40	81	32	58	23	48	19
	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	31	12.23	39	15.31	30	11.76	37	14.74	29	11.32
Including Margins:	56	22	47	19	55	22	46	18	53	21	45	18
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	36	14.22	28	10.92	34	13.27	26	10.19	31	12.44	24	9.55
Including Margins:	52	21	44	17	50	20	42	17	47	19	40	16

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
↖	224	Shell Pink-VY LT
▲	317	Pewter Gray
×	341	Blue Violet-LT
⌘	351	Coral
↑	352	Coral-LT
=	353	Peach
⌘	356	Terra Cotta-MD
▲	372	Mustard-LT
×	407	Desert Sand-DK
←	413	Pewter Gray-DK
↖	437	Tan-LT
⌘	445	Lemon-LT
↘	452	Shell Gray-MD
⌘	471	Avocado Green-VY LT
⊙	503	Blue Green-MD
⊙	523	Fern Green-LT
⊙	535	Ash Gray-VY LT
△	543	Beige Brown-UL VY LT
⊙	597	Turquoise
⊙	610	Drab Brown-DK
⊙	611	Drab Brown
⊙	612	Drab Brown-LT
●	640	Beige Gray-VY DK
⊕	645	Beaver Gray-VY DK
▲	646	Beaver Gray-DK
⊙	647	Beaver Gray-MD
⊙	648	Beaver Gray-LT
⊙	676	Old Gold-LT
∞	712	Cream
⊕	738	Tan-VY LT
⊙	739	Tan-UL VY LT
1	746	Off White
1	747	Sky Blue-VY LT
α	754	Peach-LT
✓	758	Terra Cotta-VY LT
↗	760	Salmon
⊙	828	Blue-UL VY LT
♥	838	Beige Brown-VY DK

→	844	Beaver Brown-UL DK
⊙	924	Gray Green--VY DK
◀	926	Gray Green-MD
↖	927	Gray Green-LT
..	928	Gray Green-VY LT
*	931	Antique Blue-MD
⊕	932	Antique Blue-LT
■	934	Black Avocado Green
*	943	Bright Green-MD
.	948	Peach-VY LT
⊙	950	Desert Sand-LT
)	951	Tawny-LT
⊕	958	Sea Green-DK
⊕	959	Sea Green-MD
⊕	964	Sea Green-LT
⊙	3013	Khaki Green-LT
◆	3021	Brown Gray-VY DK
▲	3022	Brown Gray-MD
⊙	3024	Brown Gray-VY LT
●	3031	Mocha Brown-VY DK
⊙	3032	Mocha Brown-MD
⊕	3072	Beaver Gray-VY LT
(3078	Golden Yellow-VY LT
+	3752	Antique Blue-VY LT
+	3761	Sky Blue-LT
⊙	3768	Gray Green-DK
⊙	3770	Tawny-VY LT
⊙	3772	Desert Sand-VY DK
⊕	3778	Terra Cotta-LT
⊙	3781	Mocha Brown-DK
+	3790	Beige Gray-UL DK
⊙	3815	Celadon Green-DK
5	3824	Apricot-LT
⇒	3855	Autumn Gold-LT
∩	3856	Mahogany-UL VY LT
●	3860	Cocoa
*	3861	Cocoa-LT
⊙	3864	Mocha Beige-LT
u	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
↑	844	Beaver Brown-UL DK	3799	Pewter Gray-VY DK
▲	3860	Cocoa	3861	Cocoa-LT
♣	645	Beaver Gray-VY DK	844	Beaver Brown-UL DK
⬆	3861	Cocoa-LT	645	Beaver Gray-VY DK
●	934	Black Avocado Green	935	Avocado Green-DK
◌	3861	Cocoa-LT	3864	Mocha Beige-LT
▼	3740	Antique Violet-DK	3860	Cocoa
✕	520	Fern Green-DK	935	Avocado Green-DK
✿	3031	Mocha Brown-VY DK	3799	Pewter Gray-VY DK
▢	318	Steel Gray-LT	931	Antique Blue-MD
⌘	926	Gray Green-MD	645	Beaver Gray-VY DK
↓	520	Fern Green-DK	3799	Pewter Gray-VY DK
○	935	Avocado Green-DK	3799	Pewter Gray-VY DK
⊗	935	Avocado Green-DK	3031	Mocha Brown-VY DK
⋄	926	Gray Green-MD	317	Pewter Gray
▶	926	Gray Green-MD	3041	Antique Violet-MD
⋈	612	Drab Brown-LT	3861	Cocoa-LT
⌘	407	Desert Sand-DK	3864	Mocha Beige-LT
⌘	927	Gray Green-LT	928	Gray Green-VY LT
⋄	612	Drab Brown-LT	3772	Desert Sand-VY DK
⋄	503	Blue Green-MD	3041	Antique Violet-MD
♠	645	Beaver Gray-VY DK	646	Beaver Gray-DK
♠	646	Beaver Gray-DK	3860	Cocoa
♠	927	Gray Green-LT	503	Blue Green-MD
?	3861	Cocoa-LT	927	Gray Green-LT
⊕	3861	Cocoa-LT	503	Blue Green-MD
⊕	503	Blue Green-MD	926	Gray Green-MD
⊕	3861	Cocoa-LT	926	Gray Green-MD
⊕	452	Shell Gray-MD	928	Gray Green-VY LT
m	3024	Brown Gray-VY LT	648	Beaver Gray-LT
//	646	Beaver Gray-DK	3861	Cocoa-LT
▴	503	Blue Green-MD	317	Pewter Gray
★	503	Blue Green-MD	931	Antique Blue-MD
☉	931	Antique Blue-MD	3768	Gray Green-DK
☉	317	Pewter Gray	413	Pewter Gray-DK
✿	646	Beaver Gray-DK	844	Beaver Brown-UL DK
⌘	927	Gray Green-LT	931	Antique Blue-MD
⋈	739	Tan-UL VY LT	369	Pistachio Green-VY LT
4	3024	Brown Gray-VY LT	369	Pistachio Green-VY LT
e	950	Desert Sand-LT	739	Tan-UL VY LT
⋈	3024	Brown Gray-VY LT	3864	Mocha Beige-LT
⊗	931	Antique Blue-MD	959	Sea Green-MD
L	943	Bright Green-MD	597	Turquoise
⋈	959	Sea Green-MD	964	Sea Green-LT
T	959	Sea Green-MD	927	Gray Green-LT
III	964	Sea Green-LT	927	Gray Green-LT
7	369	Pistachio Green-VY LT	928	Gray Green-VY LT
◁	369	Pistachio Green-VY LT	648	Beaver Gray-LT
9	369	Pistachio Green-VY LT	950	Desert Sand-LT
II	369	Pistachio Green-VY LT	3864	Mocha Beige-LT
⊕	3864	Mocha Beige-LT	950	Desert Sand-LT
⌘	712	Cream	3866	Mocha Brown-UL VY LT
3	950	Desert Sand-LT	3024	Brown Gray-VY LT

∇	928	Gray Green-VY LT	648	Beaver Gray-LT
√	964	Sea Green-LT	3024	Brown Gray-VY LT
∩	3072	Beaver Gray-VY LT	928	Gray Green-VY LT
□	ecru	Ecru	951	Tawny-LT
○	928	Gray Green-VY LT	415	Pearl Gray
♡	3072	Beaver Gray-VY LT	747	Sky Blue-VY LT
«	3865	Winter White	712	Cream
◦	747	Sky Blue-VY LT	712	Cream
/	3024	Brown Gray-VY LT	828	Blue-UL VY LT
~	746	Off White	747	Sky Blue-VY LT
☿	3031	Mocha Brown-VY DK	520	Fern Green-DK
♂	3772	Desert Sand-VY DK	3740	Antique Violet-DK
☾	646	Beaver Gray-DK	223	Shell Pink-LT
▲	3861	Cocoa-LT	3772	Desert Sand-VY DK
■	3860	Cocoa	223	Shell Pink-LT
↓	3740	Antique Violet-DK	535	Ash Gray-VY LT
⌂	520	Fern Green-DK	844	Beaver Brown-UL DK
☾	3740	Antique Violet-DK	646	Beaver Gray-DK
♂	3859	Rosewood-LT	3861	Cocoa-LT
♂	223	Shell Pink-LT	3859	Rosewood-LT
♂	612	Drab Brown-LT	3859	Rosewood-LT
♂	3772	Desert Sand-VY DK	840	Beige Brown-MD
♂	612	Drab Brown-LT	223	Shell Pink-LT
♂	223	Shell Pink-LT	3772	Desert Sand-VY DK
♂	407	Desert Sand-DK	758	Terra Cotta-VY LT
♂	535	Ash Gray-VY LT	645	Beaver Gray-VY DK
♂	223	Shell Pink-LT	3032	Mocha Brown-MD
♂	3860	Cocoa	3863	Mocha Beige-MD
♂	645	Beaver Gray-VY DK	3860	Cocoa
♂	3859	Rosewood-LT	3778	Terra Cotta-LT
♂	224	Shell Pink-VY LT	3778	Terra Cotta-LT
♂	224	Shell Pink-VY LT	353	Peach
○	353	Peach	951	Tawny-LT
♂	3770	Tawny-VY LT	353	Peach
♂	353	Peach	3824	Apricot-LT
♂	224	Shell Pink-VY LT	950	Desert Sand-LT
♂	407	Desert Sand-DK	3778	Terra Cotta-LT
♂	3772	Desert Sand-VY DK	3778	Terra Cotta-LT
♂	3824	Apricot-LT	3770	Tawny-VY LT
♂	3778	Terra Cotta-LT	352	Coral-LT
♂	224	Shell Pink-VY LT	352	Coral-LT
♂	352	Coral-LT	407	Desert Sand-DK
♂	3859	Rosewood-LT	356	Terra Cotta-MD
♂	353	Peach	3078	Golden Yellow-VY LT
♂	3859	Rosewood-LT	3860	Cocoa
♂	353	Peach	746	Off White
♂	3770	Tawny-VY LT	746	Off White
♂	352	Coral-LT	356	Terra Cotta-MD
☆	738	Tan-VY LT	754	Peach-LT
♂	353	Peach	3024	Brown Gray-VY LT
♂	318	Steel Gray-LT	927	Gray Green-LT
♂	413	Pewter Gray-DK	520	Fern Green-DK
♂	520	Fern Green-DK	924	Gray Green--VY DK
♂	523	Fern Green-LT	452	Shell Gray-MD
♂	964	Sea Green-LT	3752	Antique Blue-VY LT
♂	928	Gray Green-VY LT	964	Sea Green-LT
♂	964	Sea Green-LT	318	Steel Gray-LT
♂	224	Shell Pink-VY LT	452	Shell Gray-MD
♂	3859	Rosewood-LT	3864	Mocha Beige-LT

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■	3031	Mocha Brown-VY DK	934	Black Avocado Green
△	747	Sky Blue-VY LT	3865	Winter White
◇	224	Shell Pink-VY LT	3866	Mocha Brown-UL VY LT
✕	407	Desert Sand-DK	356	Terra Cotta-MD
†	3768	Gray Green-DK	3815	Celadon Green-DK
⚙	612	Drab Brown-LT	3860	Cocoa
Ⓒ	645	Beaver Gray-VY DK	3815	Celadon Green-DK
⌘	3072	Beaver Gray-VY LT	927	Gray Green-LT
:	369	Pistachio Green-VY LT	3072	Beaver 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	
223	Shell Pink-LT	216	85	205	80	185	72
224	Shell Pink-VY LT	157	61	149	58	134	52
317	Pewter Gray	99	38	95	37	85	33
318	Steel Gray-LT	183	72	174	68	157	61
341	Blue Violet-LT	2	1	2	1	2	1
351	Coral	5	1	5	1	4	1
352	Coral-LT	18	7	17	6	15	5
353	Peach	357	140	340	133	306	120
356	Terra Cotta-MD	15	5	14	5	13	5
369	Pistachio Green-VY LT	613	241	583	229	525	206
372	Mustard-LT	48	18	45	17	41	16
407	Desert Sand-DK	156	61	149	58	134	52
413	Pewter Gray-DK	599	235	571	224	514	202
415	Pearl Gray	57	22	55	21	49	19
437	Tan-LT	9	3	9	3	8	3
445	Lemon-LT	2	1	2	1	2	1
452	Shell Gray-MD	592	233	564	222	507	199
471	Avocado Green-VY LT	2	1	2	1	1	1
503	Blue Green-MD	711	279	677	266	610	240
520	Fern Green-DK	1339	527	1275	501	1148	451
523	Fern Green-LT	256	100	244	96	219	86
535	Ash Gray-VY LT	908	357	865	340	778	306
543	Beige Brown-UL VY LT	294	115	280	110	252	99
597	Turquoise	8	3	8	3	7	2
610	Drab Brown-DK	104	40	99	38	89	35
611	Drab Brown	18	7	17	6	15	5
612	Drab Brown-LT	287	112	273	107	246	96
640	Beige Gray-VY DK	179	70	171	67	154	60
645	Beaver Gray-VY DK	1772	697	1687	664	1519	598
646	Beaver Gray-DK	1400	551	1333	524	1200	472
647	Beaver Gray-MD	261	102	249	98	224	88
648	Beaver Gray-LT	481	189	458	180	412	162
676	Old Gold-LT	8	3	8	3	7	2
712	Cream	848	333	807	317	727	286
738	Tan-VY LT	89	35	85	33	77	30
739	Tan-UL VY LT	226	88	215	84	194	76
746	Off White	1107	435	1054	414	949	373
747	Sky Blue-VY LT	311	122	296	116	266	104
754	Peach-LT	118	46	112	44	101	39
758	Terra Cotta-VY LT	57	22	54	21	49	19
760	Salmon	4	1	4	1	4	1
828	Blue-UL VY LT	117	46	112	44	100	39
838	Beige Brown-VY DK	12	4	12	4	11	4
840	Beige Brown-MD	13	5	13	5	11	4
844	Beaver Brown-UL DK	1411	555	1344	529	1209	475
924	Gray Green--VY DK	95	37	90	35	81	31
926	Gray Green-MD	395	155	376	148	339	133
927	Gray Green-LT	1610	633	1534	603	1380	543
928	Gray Green-VY LT	994	391	947	372	852	335
931	Antique Blue-MD	159	62	151	59	136	53
932	Antique Blue-LT	43	16	41	16	37	14
934	Black Avocado Green	216	85	206	81	185	72
935	Avocado Green-DK	1074	422	1023	402	920	362
943	Bright Green-MD	4	1	4	1	3	1

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948	Peach-VY LT	39	15	37	14	33	12
950	Desert Sand-LT	597	235	568	223	511	201
951	Tawny-LT	283	111	270	106	243	95
958	Sea Green-DK	1	1	1	1	1	1
959	Sea Green-MD	50	19	47	18	42	16
964	Sea Green-LT	386	151	368	144	331	130
3013	Khaki Green-LT	18	7	17	6	15	5
3021	Brown Gray-VY DK	135	53	129	50	116	45
3022	Brown Gray-MD	218	85	208	81	187	73
3024	Brown Gray-VY LT	1104	434	1052	414	946	372
3031	Mocha Brown-VY DK	1065	419	1014	399	913	359
3032	Mocha Brown-MD	282	111	268	105	242	95
3041	Antique Violet-MD	184	72	175	68	158	62
3072	Beaver Gray-VY LT	767	301	730	287	657	258
3078	Golden Yellow-VY LT	96	37	91	35	82	32
3740	Antique Violet-DK	237	93	226	88	203	79
3752	Antique Blue-VY LT	66	25	63	24	57	22
3761	Sky Blue-LT	5	1	5	1	5	1
3768	Gray Green-DK	29	11	28	11	25	9
3770	Tawny-VY LT	525	206	500	196	450	177
3772	Desert Sand-VY DK	151	59	144	56	129	50
3778	Terra Cotta-LT	55	21	53	20	47	18
3781	Mocha Brown-DK	84	33	80	31	72	28
3790	Beige Gray-UL DK	103	40	98	38	88	34
3799	Pewter Gray-VY DK	2483	977	2365	931	2128	837
3815	Celadon Green-DK	60	23	58	22	52	20
3824	Apricot-LT	68	26	65	25	58	22
3855	Autumn Gold-LT	7	2	6	2	6	2
3856	Mahogany-UL VY LT	3	1	3	1	3	1
3859	Rosewood-LT	184	72	175	68	157	61
3860	Cocoa	732	288	697	274	627	246
3861	Cocoa-LT	1771	697	1687	664	1518	597
3863	Mocha Beige-MD	46	18	44	17	40	15
3864	Mocha Beige-LT	1045	411	995	391	896	352
3865	Winter White	580	228	553	217	497	195
3866	Mocha Brown-UL VY LT	652	256	621	244	559	220
ecru	Ecru	435	171	415	163	373	146

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
223	Shell Pink-LT	333	130	278	108	139	54
224	Shell Pink-VY LT	241	94	201	78	101	39
317	Pewter Gray	153	59	128	50	64	25
318	Steel Gray-LT	283	110	236	92	118	46
341	Blue Violet-LT	4	2	3	2	2	1
351	Coral	7	2	6	2	3	1
352	Coral-LT	27	9	23	8	11	4
353	Peach	551	216	459	180	230	90
356	Terra Cotta-MD	23	9	20	8	10	4
369	Pistachio Green-VY LT	945	371	788	309	394	155
372	Mustard-LT	74	29	62	24	31	12
407	Desert Sand-DK	241	94	201	78	101	39
413	Pewter Gray-DK	925	364	771	303	386	152
415	Pearl Gray	88	34	74	29	37	14
437	Tan-LT	14	5	12	5	6	2

445	Lemon-LT	4	2	3	2	2	1
452	Shell Gray-MD	913	358	761	299	380	149
471	Avocado Green-VY LT	2	2	2	2	1	1
503	Blue Green-MD	1098	432	915	360	458	180
520	Fern Green-DK	2066	812	1722	677	861	338
523	Fern Green-LT	394	155	329	129	164	65
535	Ash Gray-VY LT	1400	551	1167	459	584	230
543	Beige Brown-UL VY LT	454	178	378	149	189	74
597	Turquoise	13	4	11	3	5	2
610	Drab Brown-DK	160	63	134	53	67	26
611	Drab Brown	27	9	23	8	11	4
612	Drab Brown-LT	443	173	369	144	185	72
640	Beige Gray-VY DK	277	108	231	90	116	45
645	Beaver Gray-VY DK	2734	1076	2279	897	1139	449
646	Beaver Gray-DK	2160	850	1800	708	900	354
647	Beaver Gray-MD	403	158	336	132	168	66
648	Beaver Gray-LT	742	292	618	243	309	122
676	Old Gold-LT	13	4	11	3	5	2
712	Cream	1309	515	1091	429	545	215
738	Tan-VY LT	139	54	116	45	58	23
739	Tan-UL VY LT	349	137	291	114	146	57
746	Off White	1708	671	1424	560	712	280
747	Sky Blue-VY LT	479	187	399	156	200	78
754	Peach-LT	182	70	152	59	76	29
758	Terra Cotta-VY LT	88	34	74	29	37	14
760	Salmon	7	2	6	2	3	1
828	Blue-UL VY LT	180	70	150	59	75	29
838	Beige Brown-VY DK	20	7	17	6	8	3
840	Beige Brown-MD	20	7	17	6	8	3
844	Beaver Brown-UL DK	2176	855	1814	713	907	356
924	Gray Green--VY DK	146	56	122	47	61	23
926	Gray Green-MD	610	239	509	200	254	100
927	Gray Green-LT	2484	977	2070	815	1035	407
928	Gray Green-VY LT	1534	603	1278	503	639	251
931	Antique Blue-MD	245	95	204	80	102	40
932	Antique Blue-LT	67	25	56	21	28	11
934	Black Avocado Green	333	130	278	108	139	54
935	Avocado Green-DK	1656	652	1380	543	690	272
943	Bright Green-MD	5	2	5	2	2	1
948	Peach-VY LT	59	22	50	18	25	9
950	Desert Sand-LT	920	362	767	302	383	151
951	Tawny-LT	437	171	365	143	182	71
958	Sea Green-DK	2	2	2	2	1	1
959	Sea Green-MD	76	29	63	24	32	12
964	Sea Green-LT	596	234	497	195	248	98
3013	Khaki Green-LT	27	9	23	8	11	4
3021	Brown Gray-VY DK	209	81	174	68	87	34
3022	Brown Gray-MD	337	131	281	110	140	55
3024	Brown Gray-VY LT	1703	670	1419	558	710	279
3031	Mocha Brown-VY DK	1643	646	1370	539	685	269
3032	Mocha Brown-MD	436	171	363	143	182	71
3041	Antique Violet-MD	284	112	237	93	119	47
3072	Beaver Gray-VY LT	1183	464	986	387	493	194
3078	Golden Yellow-VY LT	148	58	123	48	62	24
3740	Antique Violet-DK	365	142	305	119	152	59
3752	Antique Blue-VY LT	103	40	86	33	43	17
3761	Sky Blue-LT	9	2	8	2	4	1
3768	Gray Green-DK	45	16	38	14	19	7
3770	Tawny-VY LT	810	319	675	266	338	133

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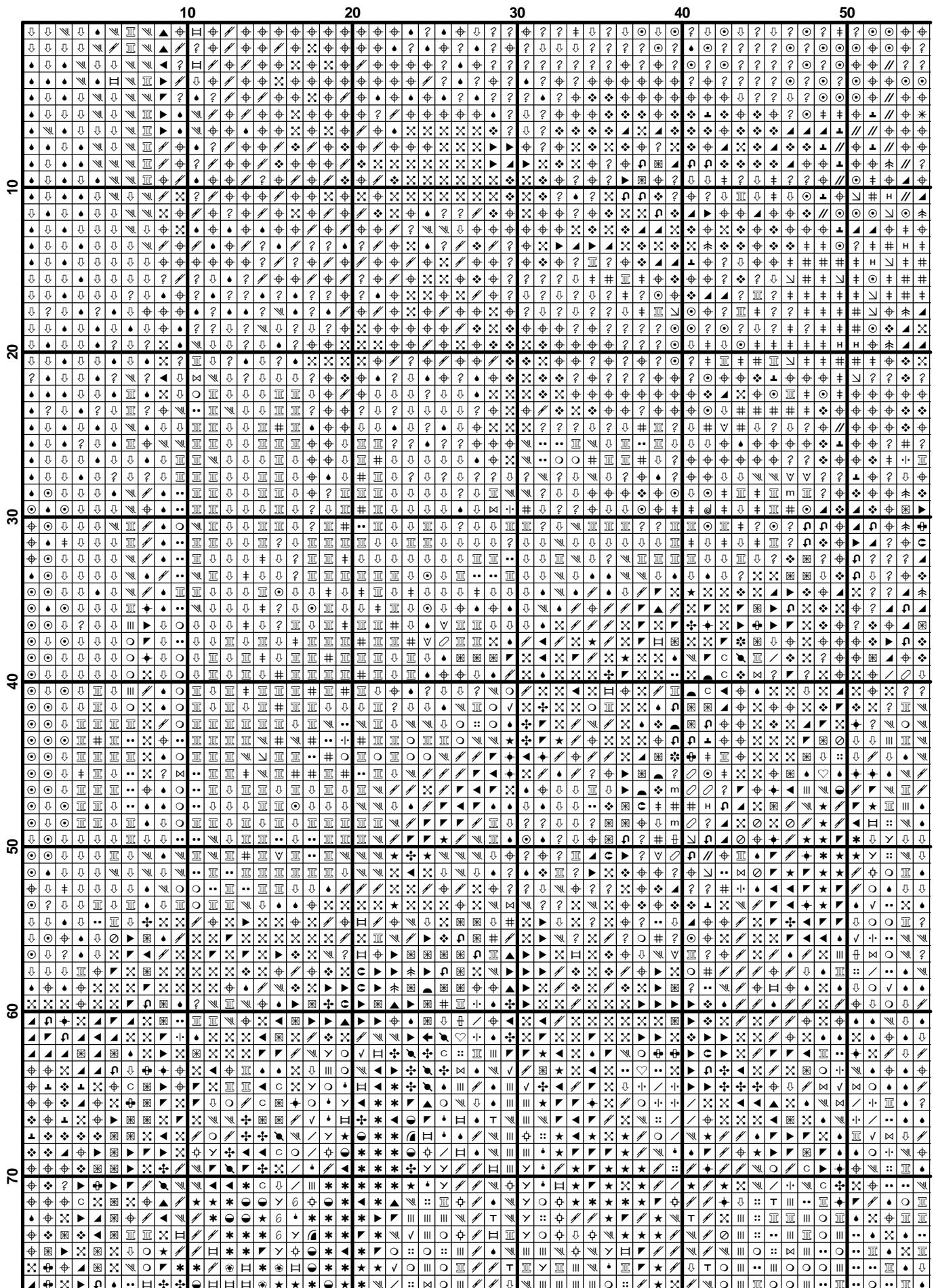
3772	Desert Sand-VY DK	232	90	194	75	97	38
3778	Terra Cotta-LT	85	32	71	27	35	14
3781	Mocha Brown-DK	130	50	108	42	54	21
3790	Beige Gray-UL DK	158	61	132	51	66	26
3799	Pewter Gray-VY DK	3830	1507	3192	1256	1596	628
3815	Celadon Green-DK	94	36	78	30	39	15
3824	Apricot-LT	104	40	87	33	44	17
3855	Autumn Gold-LT	11	4	9	3	5	2
3856	Mahogany-UL VY LT	5	2	5	2	2	1
3859	Rosewood-LT	283	110	236	92	118	46
3860	Cocoa	1129	443	941	369	470	185
3861	Cocoa-LT	2732	1075	2277	896	1139	448
3863	Mocha Beige-MD	72	27	60	23	30	11
3864	Mocha Beige-LT	1613	634	1344	528	672	264
3865	Winter White	895	351	746	293	373	146
3866	Mocha Brown-UL VY LT	1006	396	839	330	419	165
ecru	Ecru	671	263	560	219	280	110

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
223	Shell Pink-LT	133	52	128	50	123	48
224	Shell Pink-VY LT	96	37	93	36	89	35
317	Pewter Gray	61	24	59	23	57	22
318	Steel Gray-LT	113	44	109	42	105	41
341	Blue Violet-LT	1	1	1	1	1	1
351	Coral	3	1	3	1	3	1
352	Coral-LT	11	4	10	3	10	3
353	Peach	220	86	212	83	204	80
356	Terra Cotta-MD	9	4	9	3	9	3
369	Pistachio Green-VY LT	378	148	363	143	350	137
372	Mustard-LT	30	12	28	11	27	11
407	Desert Sand-DK	96	37	93	36	89	35
413	Pewter Gray-DK	370	145	356	140	343	135
415	Pearl Gray	35	14	34	13	33	13
437	Tan-LT	6	2	6	2	5	2
445	Lemon-LT	1	1	1	1	1	1
452	Shell Gray-MD	365	143	351	138	338	133
471	Avocado Green-VY LT	1	1	1	1	1	1
503	Blue Green-MD	439	173	422	166	407	160
520	Fern Green-DK	827	325	795	312	765	301
523	Fern Green-LT	158	62	152	60	146	57
535	Ash Gray-VY LT	560	220	539	212	519	204
543	Beige Brown-UL VY LT	181	71	174	69	168	66
597	Turquoise	5	1	5	1	5	1
610	Drab Brown-DK	64	25	62	24	59	23
611	Drab Brown	11	4	10	3	10	3
612	Drab Brown-LT	177	69	170	66	164	64
640	Beige Gray-VY DK	111	43	107	42	103	40
645	Beaver Gray-VY DK	1094	431	1052	414	1013	399
646	Beaver Gray-DK	864	340	831	327	800	315
647	Beaver Gray-MD	161	63	155	61	149	59
648	Beaver Gray-LT	297	117	285	112	275	108
676	Old Gold-LT	5	1	5	1	5	1
712	Cream	523	206	503	198	485	191
738	Tan-VY LT	55	22	53	21	51	20

739	Tan-UL VY LT	140	55	134	53	129	51
746	Off White	683	269	657	258	633	249
747	Sky Blue-VY LT	192	75	184	72	177	69
754	Peach-LT	73	28	70	27	67	26
758	Terra Cotta-VY LT	35	14	34	13	33	13
760	Salmon	3	1	3	1	3	1
828	Blue-UL VY LT	72	28	69	27	67	26
838	Beige Brown-VY DK	8	3	8	3	7	3
840	Beige Brown-MD	8	3	8	3	7	3
844	Beaver Brown-UL DK	870	342	837	329	806	317
924	Gray Green--VY DK	58	22	56	21	54	21
926	Gray Green-MD	244	96	235	92	226	89
927	Gray Green-LT	994	391	955	376	920	362
928	Gray Green-VY LT	613	241	590	232	568	223
931	Antique Blue-MD	98	38	94	37	91	35
932	Antique Blue-LT	27	10	26	10	25	9
934	Black Avocado Green	133	52	128	50	123	48
935	Avocado Green-DK	662	261	637	251	613	241
943	Bright Green-MD	2	1	2	1	2	1
948	Peach-VY LT	24	9	23	8	22	8
950	Desert Sand-LT	368	145	354	139	341	134
951	Tawny-LT	175	68	168	66	162	63
958	Sea Green-DK	1	1	1	1	1	1
959	Sea Green-MD	30	12	29	11	28	11
964	Sea Green-LT	238	94	229	90	221	87
3013	Khaki Green-LT	11	4	10	3	10	3
3021	Brown Gray-VY DK	84	32	80	31	77	30
3022	Brown Gray-MD	135	53	129	51	125	49
3024	Brown Gray-VY LT	681	268	655	258	631	248
3031	Mocha Brown-VY DK	657	258	632	249	609	239
3032	Mocha Brown-MD	174	68	168	66	161	63
3041	Antique Violet-MD	114	45	109	43	105	41
3072	Beaver Gray-VY LT	473	186	455	179	438	172
3078	Golden Yellow-VY LT	59	23	57	22	55	21
3740	Antique Violet-DK	146	57	141	55	135	53
3752	Antique Blue-VY LT	41	16	39	15	38	15
3761	Sky Blue-LT	4	1	3	1	3	1
3768	Gray Green-DK	18	6	17	6	17	6
3770	Tawny-VY LT	324	127	312	123	300	118
3772	Desert Sand-VY DK	93	36	89	35	86	33
3778	Terra Cotta-LT	34	13	33	12	31	12
3781	Mocha Brown-DK	52	20	50	19	48	19
3790	Beige Gray-UL DK	63	24	61	24	59	23
3799	Pewter Gray-VY DK	1532	603	1473	579	1419	558
3815	Celadon Green-DK	37	14	36	14	35	13
3824	Apricot-LT	42	16	40	15	39	15
3855	Autumn Gold-LT	4	1	4	1	4	1
3856	Mahogany-UL VY LT	2	1	2	1	2	1
3859	Rosewood-LT	113	44	109	42	105	41
3860	Cocoa	451	177	434	170	418	164
3861	Cocoa-LT	1093	430	1051	413	1012	398
3863	Mocha Beige-MD	29	11	28	10	27	10
3864	Mocha Beige-LT	645	253	620	244	597	235
3865	Winter White	358	140	344	135	331	130
3866	Mocha Brown-UL VY LT	402	158	387	152	373	147
ecru	Ecru	269	105	258	101	249	97

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
223	Shell Pink-LT	119	46	111	43	104	41
224	Shell Pink-VY LT	86	33	80	31	75	29
317	Pewter Gray	55	21	51	20	48	19
318	Steel Gray-LT	101	39	94	37	88	34
341	Blue Violet-LT	1	1	1	1	1	1
351	Coral	3	1	2	1	2	1
352	Coral-LT	10	3	9	3	8	3
353	Peach	197	77	184	72	172	68
356	Terra Cotta-MD	8	3	8	3	7	3
369	Pistachio Green-VY LT	338	132	315	124	295	116
372	Mustard-LT	26	10	25	10	23	9
407	Desert Sand-DK	86	33	80	31	75	29
413	Pewter Gray-DK	330	130	308	121	289	114
415	Pearl Gray	32	12	29	11	28	11
437	Tan-LT	5	2	5	2	5	2
445	Lemon-LT	1	1	1	1	1	1
452	Shell Gray-MD	326	128	304	119	285	112
471	Avocado Green-VY LT	1	1	1	1	1	1
503	Blue Green-MD	392	154	366	144	343	135
520	Fern Green-DK	738	290	689	271	646	254
523	Fern Green-LT	141	55	131	52	123	48
535	Ash Gray-VY LT	500	197	467	184	438	172
543	Beige Brown-UL VY LT	162	64	151	59	142	56
597	Turquoise	5	1	4	1	4	1
610	Drab Brown-DK	57	23	53	21	50	20
611	Drab Brown	10	3	9	3	8	3
612	Drab Brown-LT	158	62	148	58	138	54
640	Beige Gray-VY DK	99	39	92	36	87	34
645	Beaver Gray-VY DK	977	384	911	359	854	336
646	Beaver Gray-DK	771	303	720	283	675	266
647	Beaver Gray-MD	144	57	134	53	126	50
648	Beaver Gray-LT	265	104	247	97	232	91
676	Old Gold-LT	5	1	4	1	4	1
712	Cream	467	184	436	172	409	161
738	Tan-VY LT	50	19	46	18	43	17
739	Tan-UL VY LT	125	49	116	46	109	43
746	Off White	610	240	569	224	534	210
747	Sky Blue-VY LT	171	67	160	62	150	59
754	Peach-LT	65	25	61	23	57	22
758	Terra Cotta-VY LT	32	12	29	11	28	11
760	Salmon	3	1	2	1	2	1
828	Blue-UL VY LT	64	25	60	23	56	22
838	Beige Brown-VY DK	7	3	7	2	6	2
840	Beige Brown-MD	7	3	7	2	6	2
844	Beaver Brown-UL DK	777	305	725	285	680	267
924	Gray Green--VY DK	52	20	49	19	46	17
926	Gray Green-MD	218	86	203	80	191	75
927	Gray Green-LT	887	349	828	326	776	305
928	Gray Green-VY LT	548	215	511	201	479	188
931	Antique Blue-MD	87	34	82	32	77	30
932	Antique Blue-LT	24	9	22	8	21	8
934	Black Avocado Green	119	46	111	43	104	41
935	Avocado Green-DK	591	233	552	217	518	204
943	Bright Green-MD	2	1	2	1	2	1

948	Peach-VY LT	21	8	20	7	19	7
950	Desert Sand-LT	329	129	307	121	287	113
951	Tawny-LT	156	61	146	57	137	53
958	Sea Green-DK	1	1	1	1	1	1
959	Sea Green-MD	27	10	25	10	24	9
964	Sea Green-LT	213	84	199	78	186	73
3013	Khaki Green-LT	10	3	9	3	8	3
3021	Brown Gray-VY DK	75	29	70	27	65	25
3022	Brown Gray-MD	120	47	112	44	105	41
3024	Brown Gray-VY LT	608	239	568	223	532	209
3031	Mocha Brown-VY DK	587	231	548	215	514	202
3032	Mocha Brown-MD	156	61	145	57	136	53
3041	Antique Violet-MD	102	40	95	37	89	35
3072	Beaver Gray-VY LT	422	166	394	155	370	145
3078	Golden Yellow-VY LT	53	21	49	19	46	18
3740	Antique Violet-DK	131	51	122	47	114	44
3752	Antique Blue-VY LT	37	14	34	13	32	12
3761	Sky Blue-LT	3	1	3	1	3	1
3768	Gray Green-DK	16	6	15	5	14	5
3770	Tawny-VY LT	289	114	270	106	253	100
3772	Desert Sand-VY DK	83	32	77	30	73	28
3778	Terra Cotta-LT	30	12	28	11	26	10
3781	Mocha Brown-DK	46	18	43	17	41	16
3790	Beige Gray-UL DK	57	22	53	20	50	19
3799	Pewter Gray-VY DK	1368	538	1277	502	1197	471
3815	Celadon Green-DK	33	13	31	12	29	11
3824	Apricot-LT	37	14	35	13	33	12
3855	Autumn Gold-LT	4	1	4	1	3	1
3856	Mahogany-UL VY LT	2	1	2	1	2	1
3859	Rosewood-LT	101	39	94	37	88	34
3860	Cocoa	403	158	376	148	353	138
3861	Cocoa-LT	976	384	911	358	854	336
3863	Mocha Beige-MD	26	10	24	9	23	8
3864	Mocha Beige-LT	576	226	538	211	504	198
3865	Winter White	320	125	298	117	280	110
3866	Mocha Brown-UL VY LT	359	141	335	132	314	124
ecru	Ecru	240	94	224	88	210	82



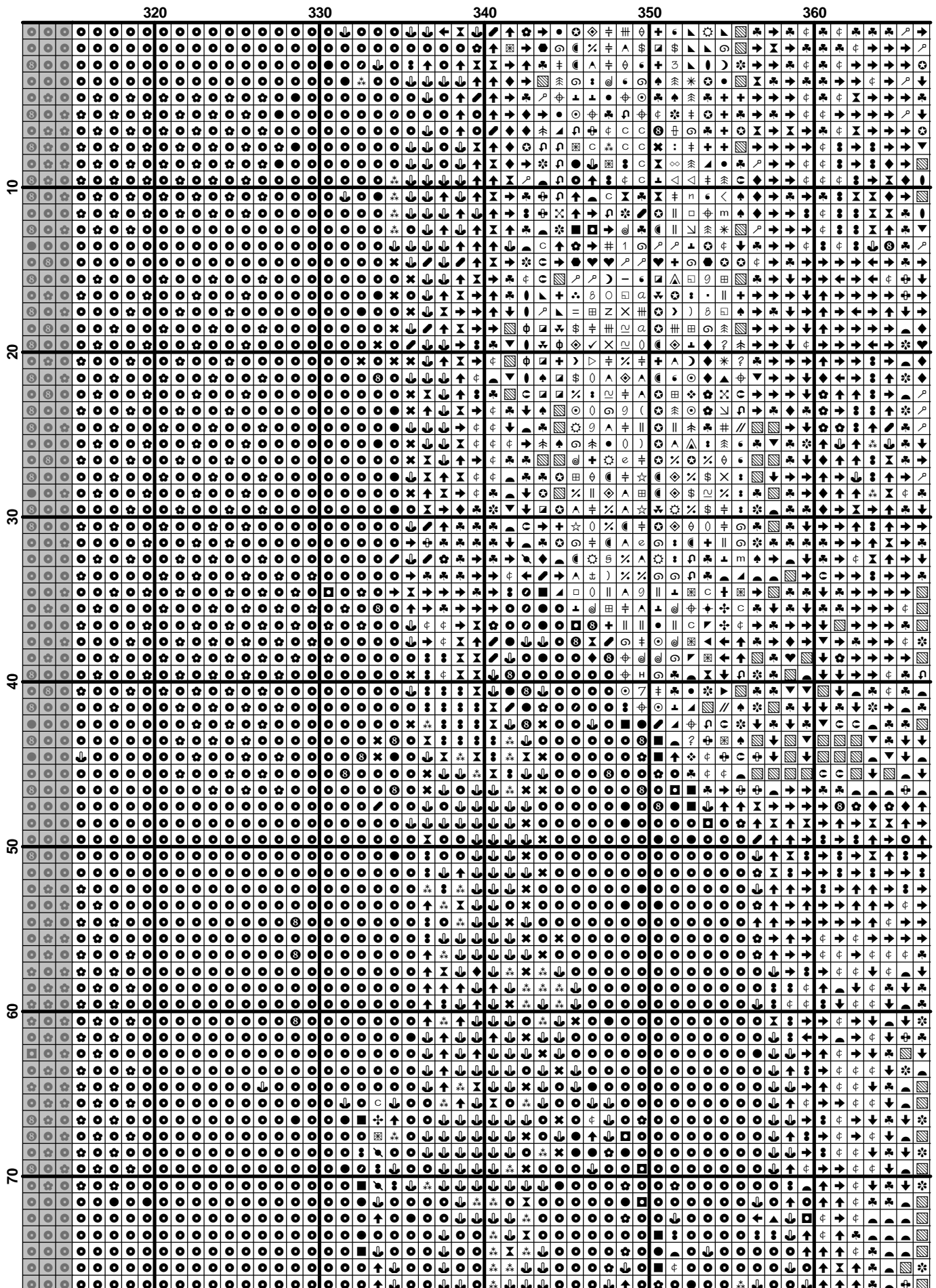
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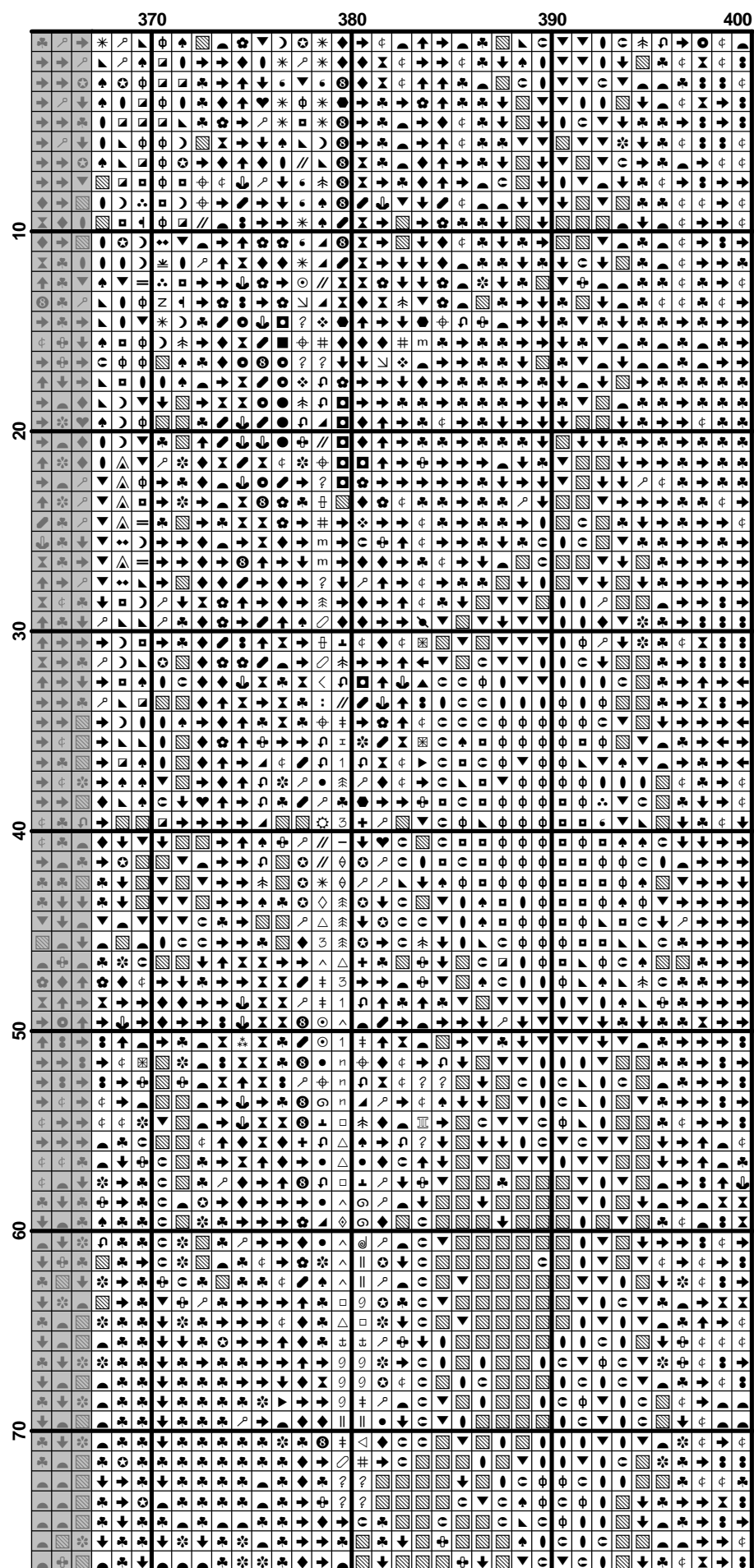
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



































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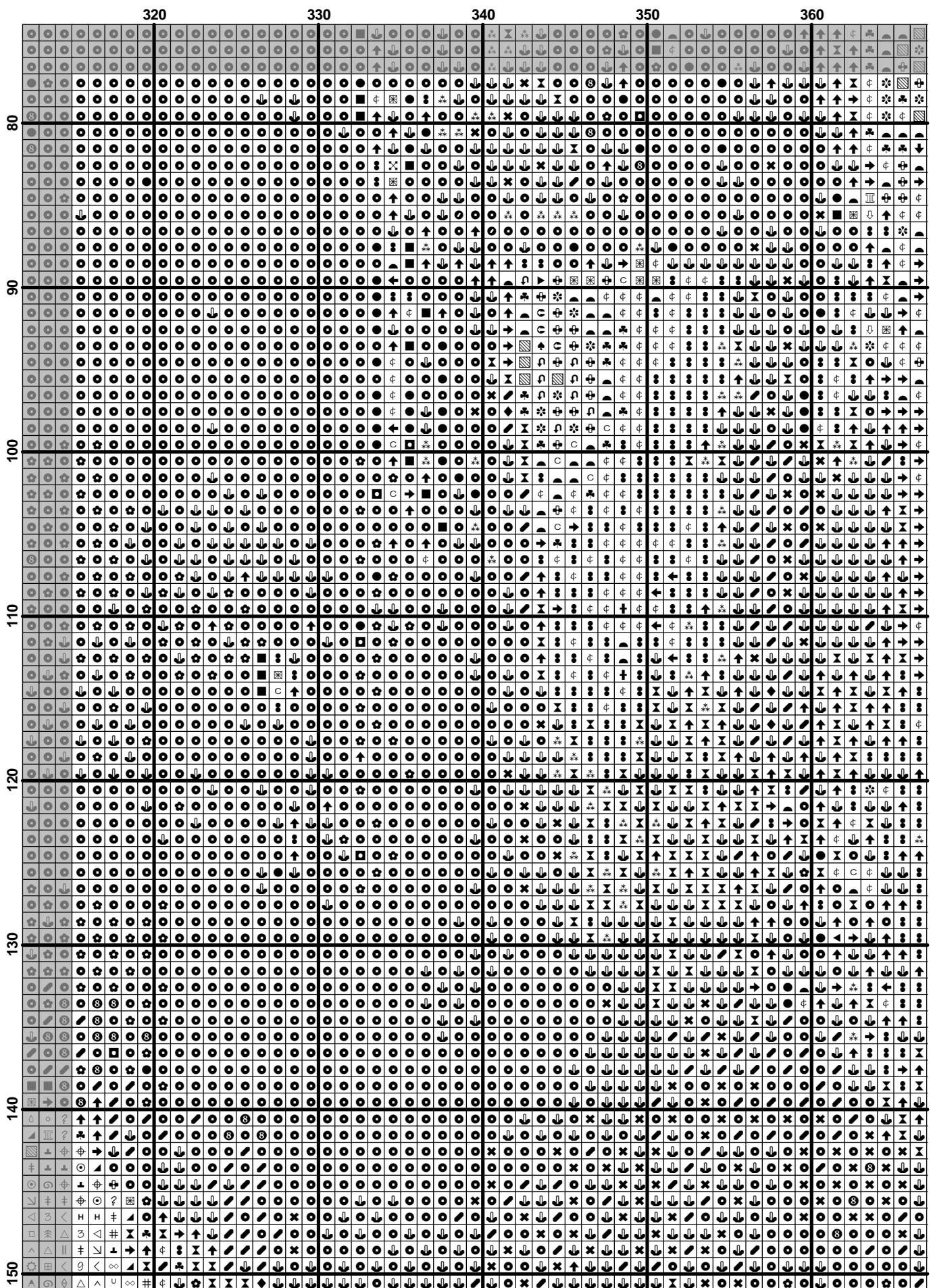
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100	●●●●●●●●●●										●●●●●●●●●●										●●●●●●●●●●										●●●●●●●●●●										●●●●●●●●●●									
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	●●●●●●●●●●										●●●●●●●●●●										●●●●●●●●●●										●●●●●●●●●●										●●●●●●●●●●									
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110	●●●●●●●●●●										●●●●●●●●●●										●●●●●●●●●●										●●●●●●●●●●										●●●●●●●●●●									
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	●●●●●●●●●●										●●●●●●●●●●										●●●●●●●●●●										●●●●●●●●●●										●●●●●●●●●●									
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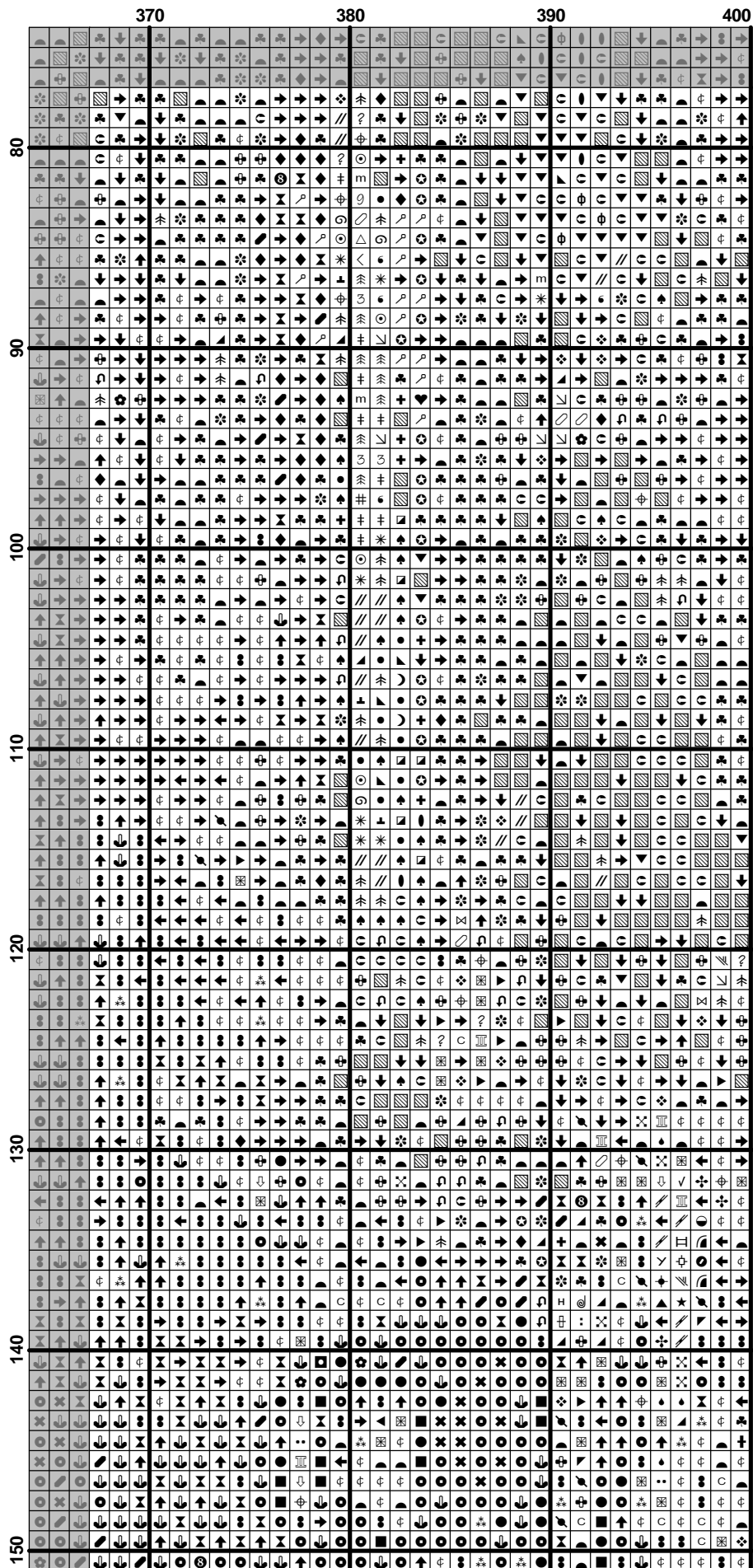
$$(19) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$

[illegible]

$$(21) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (22)$$

	260	270	280	290	300	310
80						
90						
100						
110						
120						
130						
140						
150						



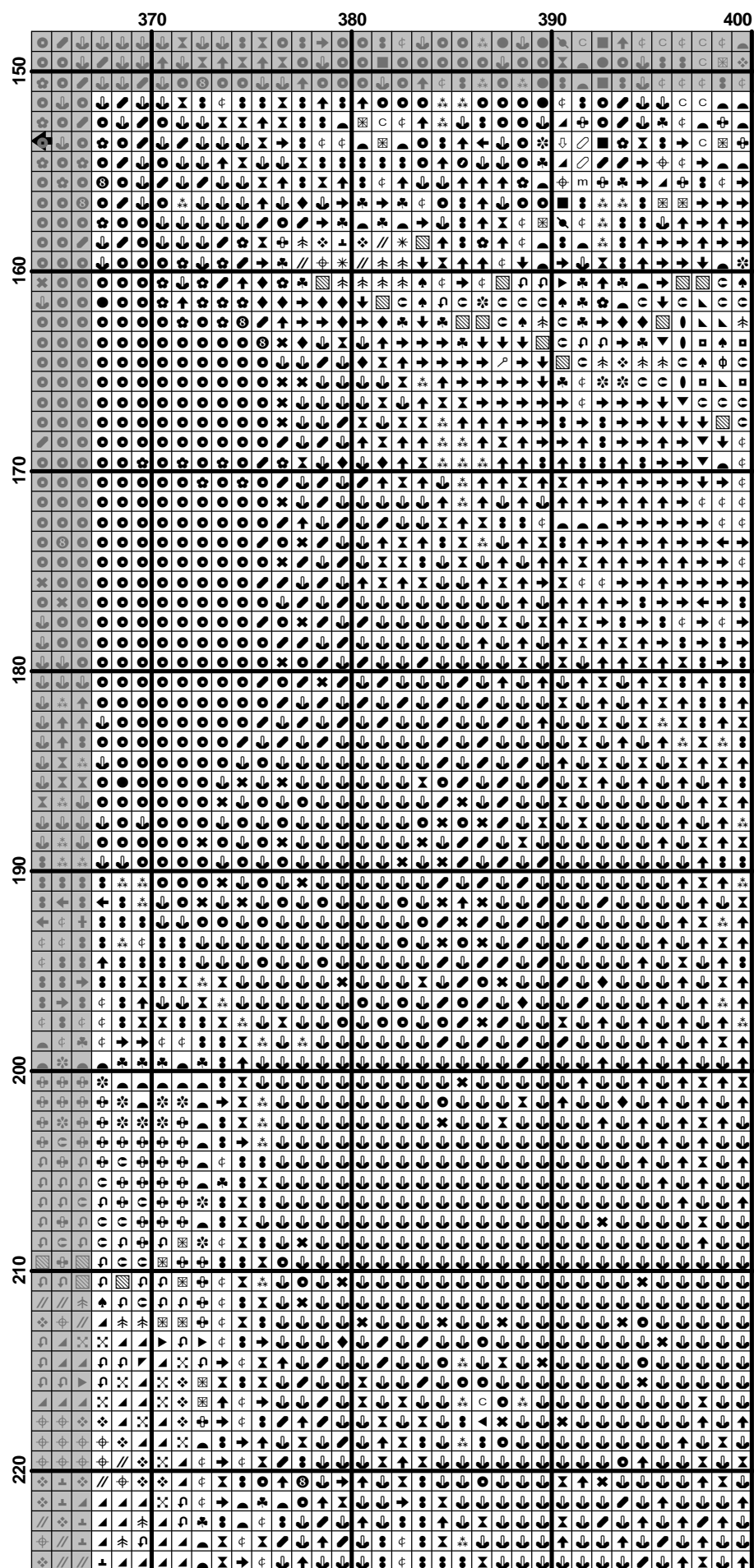


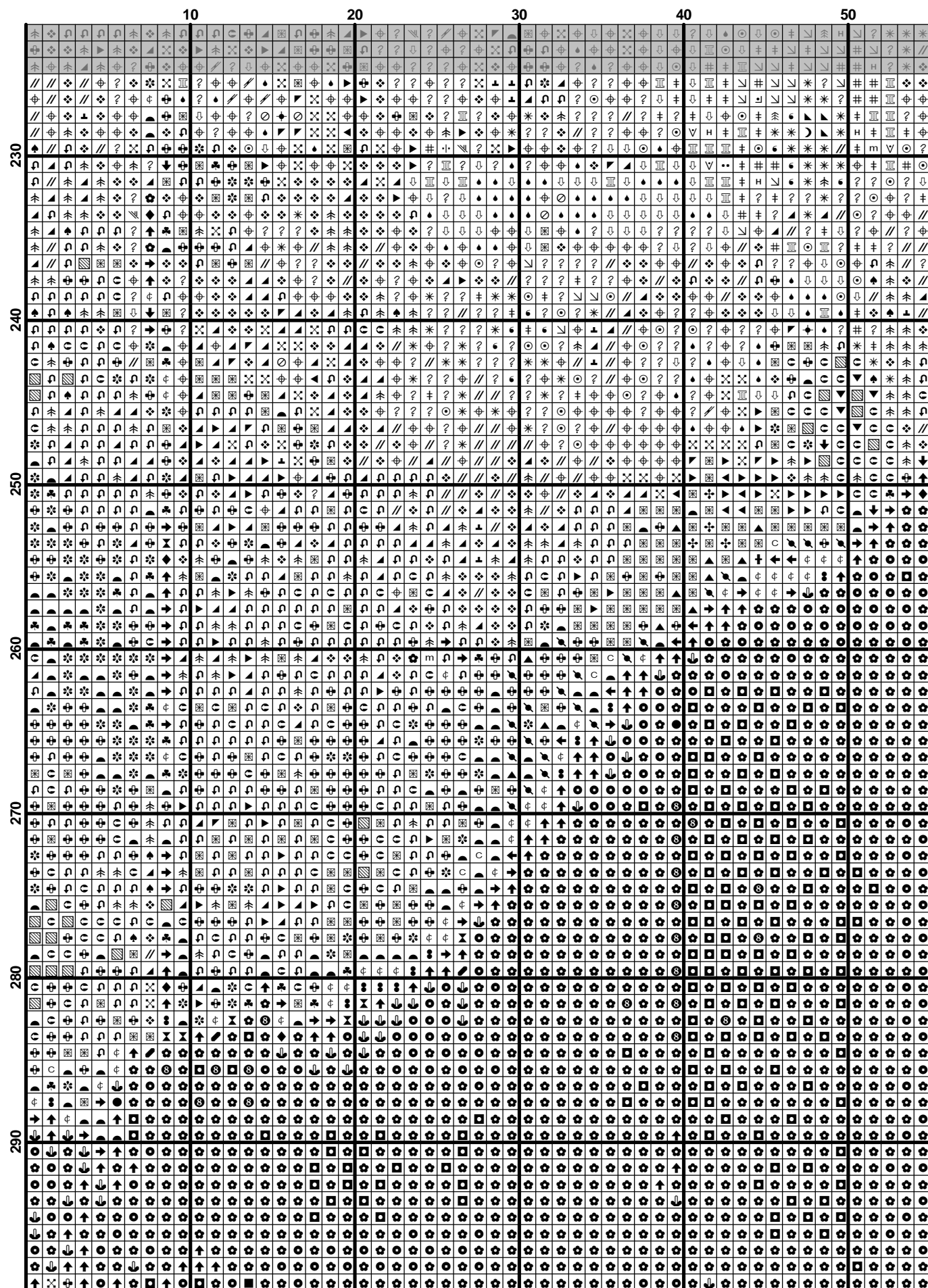
		10	20	30	40	50
150						
160						
170						
180						
190						
200						
210						
220						

	60										70										80										90										100									
150																																																		
160																																																		
170																																																		
180																																																		
190																																																		
200																																																		
210																																																		
220																																																		

	110	120	130	140	150
150
160
170
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190
200
210
220

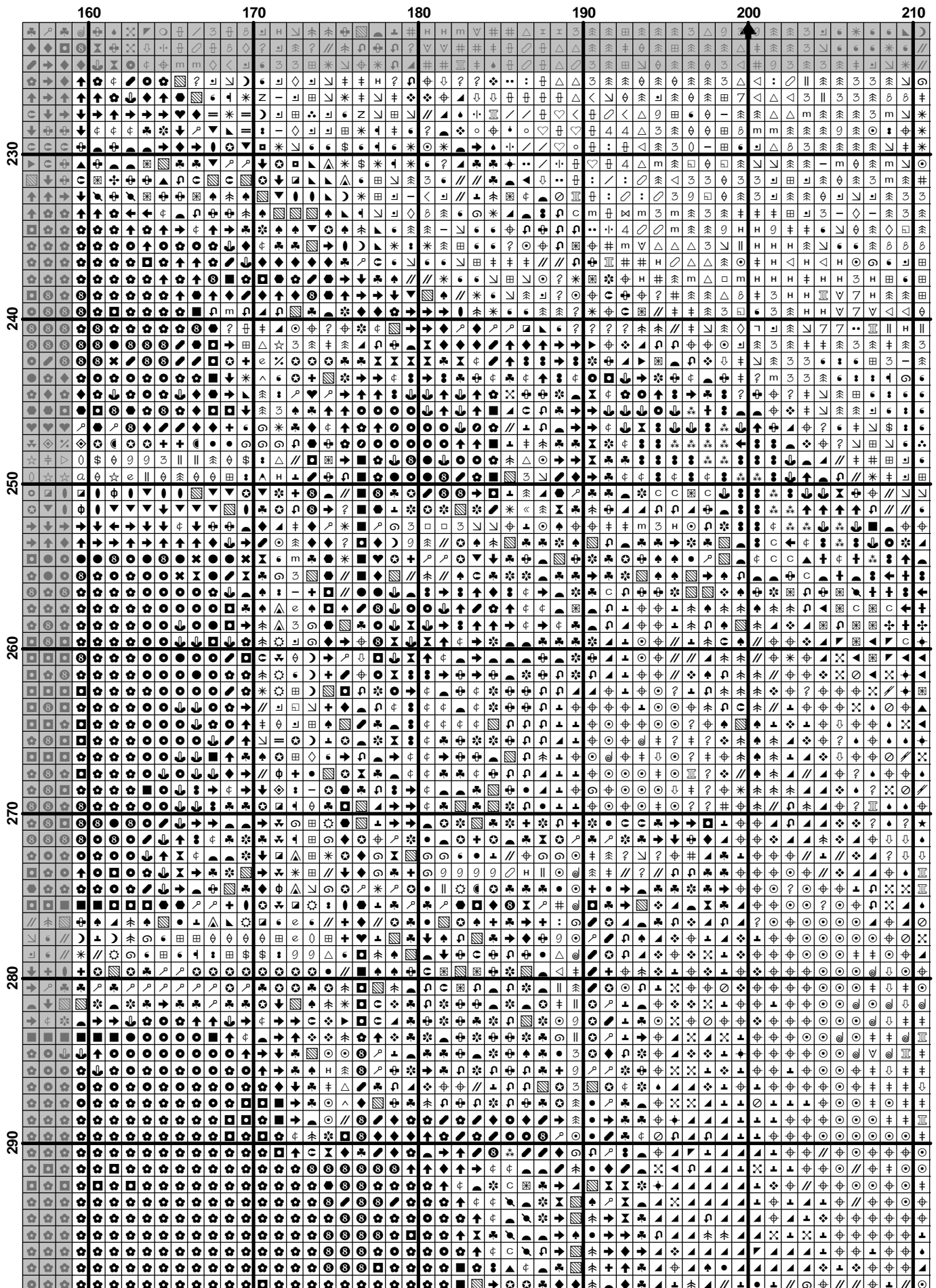
[illegible]





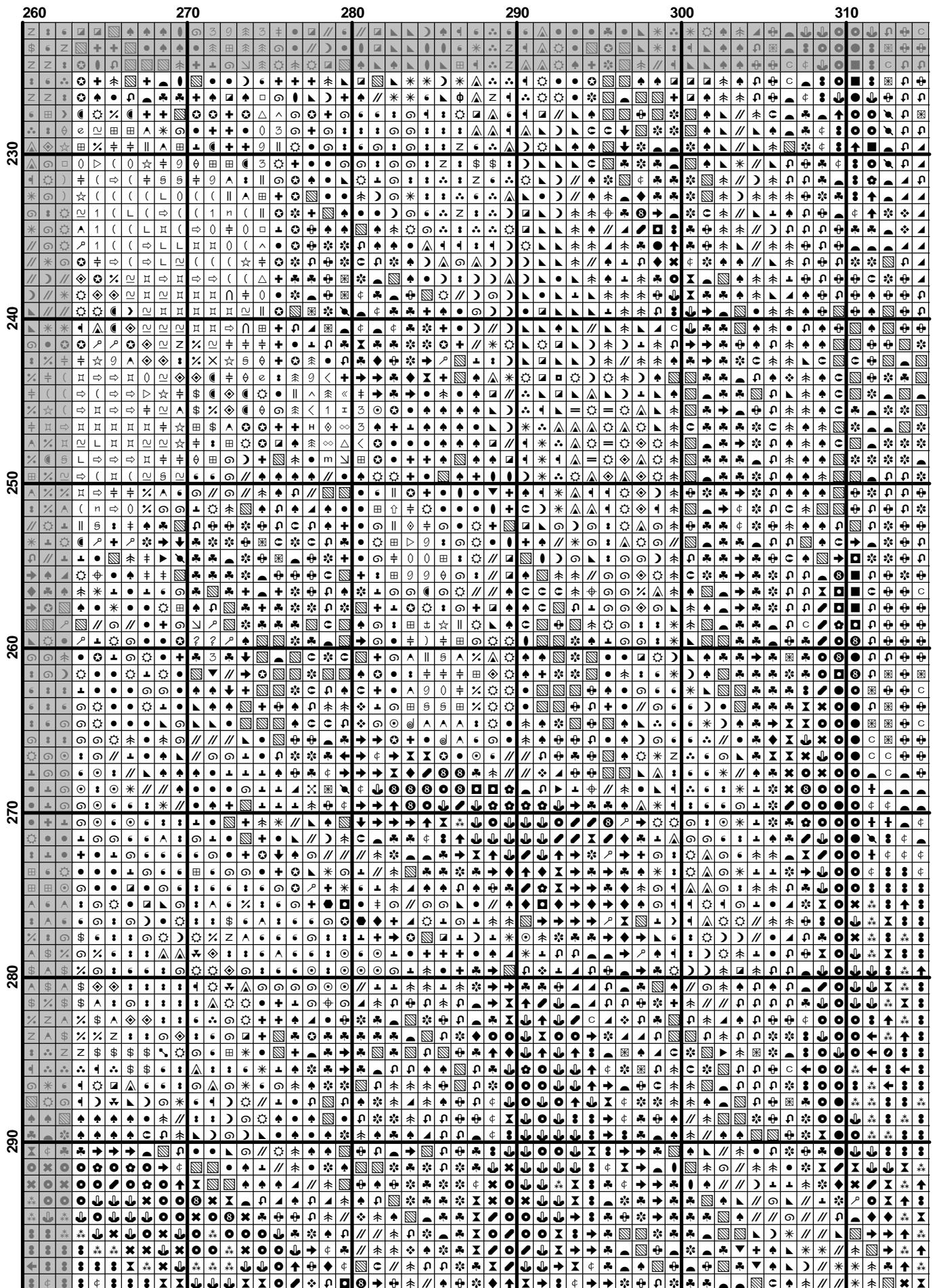
[illegible]

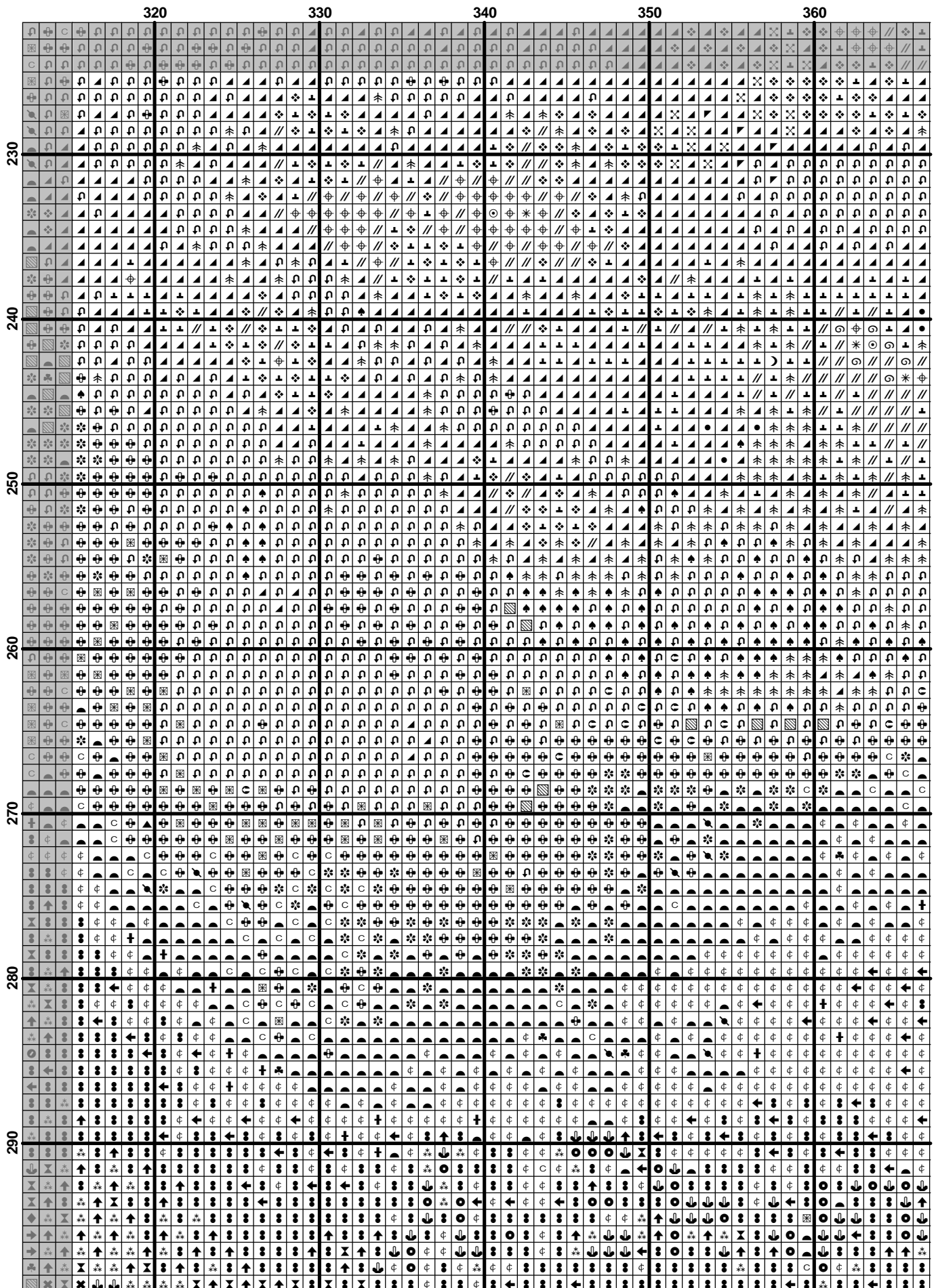
$$(35) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$

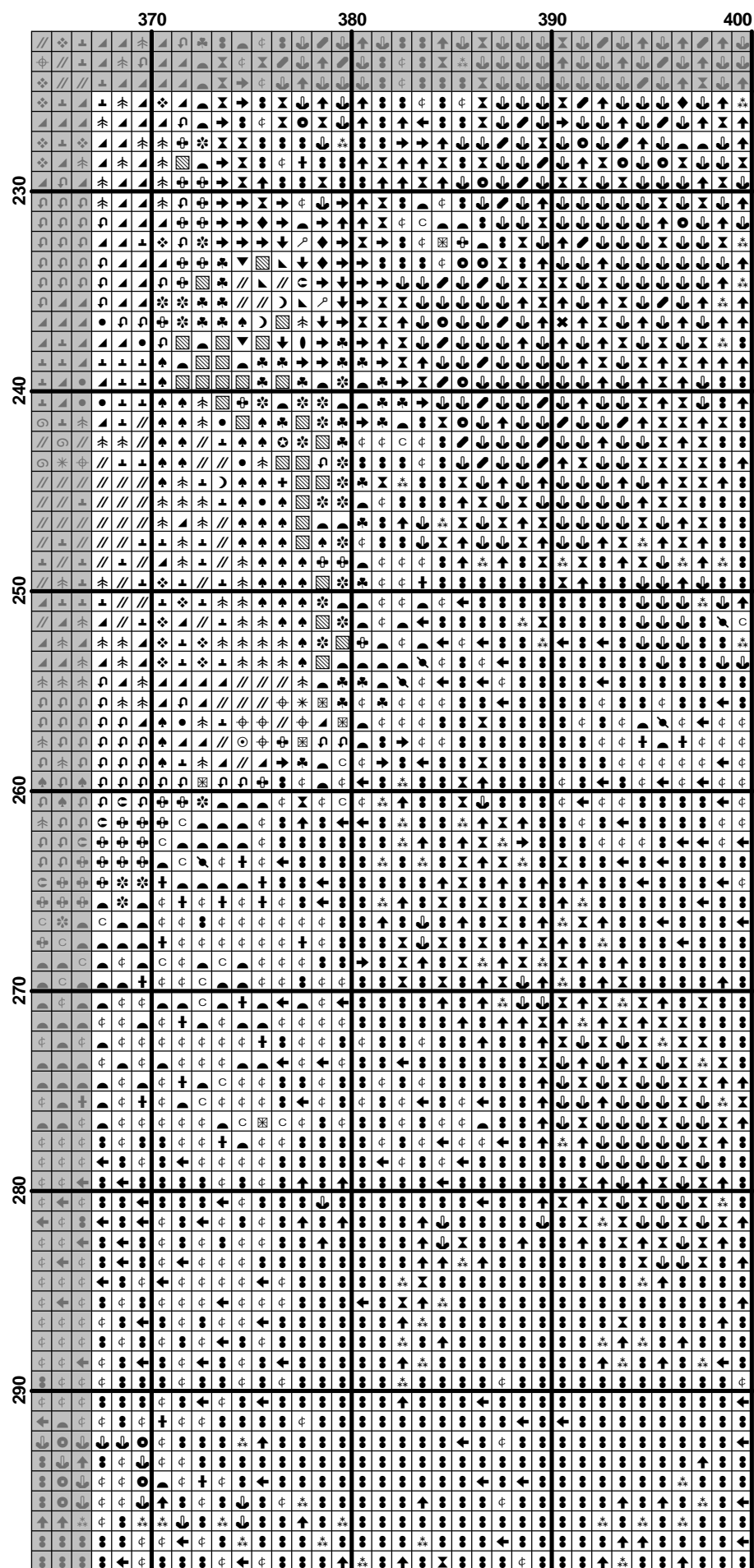


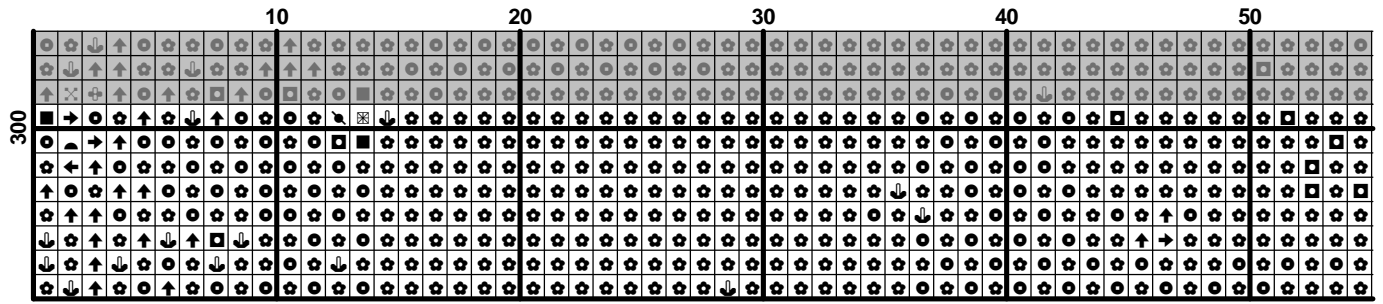
	210	220	230	240	250	260

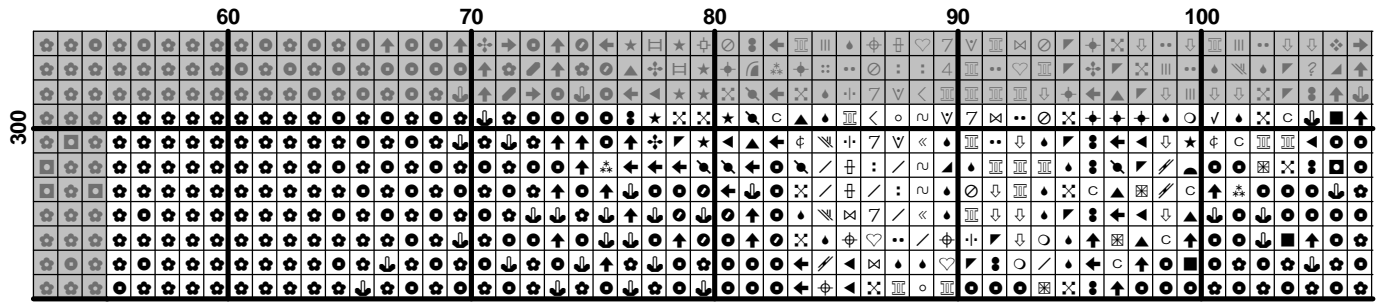
230
240
250
260
270
280
290

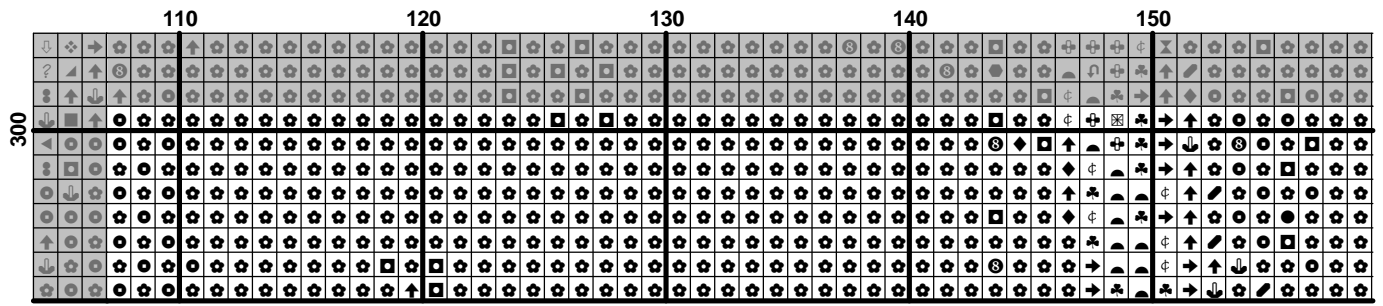


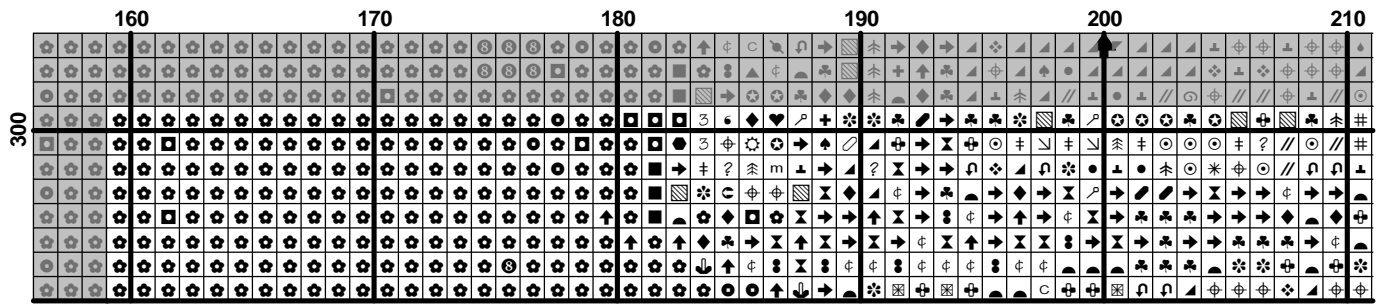












[illegible]

