

1288 An Italian Village by a Lake



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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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An Italian Village by a Lake

Stitch Count	
Horizontal:	400
Vertical:	279

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	51	19.92	64	24.89	45	17.43	57	22.125	40	15.5
Including Margins:	89	35	67	26	80	31	61	24	73	29	56	22
	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	71	27.88	85	33.18	59	23.24	42	16.59	29	11.62
Including Margins:	118	46	87	34	101	40	75	30	58	23	45	18
	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	28	11.15	39	15.31	27	10.72	37	14.74	26	10.32
Including Margins:	56	22	44	18	55	22	43	17	53	21	42	17
	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	25	9.96	34	13.27	23	9.29	31	12.44	22	8.71
Including Margins:	52	21	41	16	50	20	39	16	47	19	38	15

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
◀	221	Shell Pink-VY DK
▲	301	Mahogany-MD
■	310	Black
*	317	Pewter Gray
⌘	334	Baby Blue-MD
▣	347	Salmon-VY DK
Φ	355	Terra Cotta-DK
⊗	356	Terra Cotta-MD
⊕	370	Mustard-MD
✓	407	Desert Sand-DK
✚	413	Pewter Gray-DK
✚	414	Steel Gray-DK
9	415	Pearl Gray
✚	434	Brown-LT
6	435	Brown-VY LT
3	437	Tan-LT
☆	452	Shell Gray-MD
田	518	Wedgewood-LT
/	519	Sky Blue
v	543	Beige Brown-UL VY LT
2	597	Turquoise
x	611	Drab Brown
♠	632	Desert Sand-UL VY DK
H	640	Beige Gray-VY DK
6	644	Beige Gray-MD
⊕	645	Beaver Gray-VY DK
v	647	Beaver Gray-MD
⊕	677	Old Gold-VY LT
n	712	Cream
•	729	Old Gold-MD
4	738	Tan-VY LT
▷	739	Tan-UL VY LT
1	746	Off White
^	747	Sky Blue-VY LT
□	762	Pearl Gray-VY LT
≡	799	Delft Blue-MD
■	801	Coffee Brown-DK
::	809	Delft Blue
↑	813	Blue-LT
✕	838	Beige Brown-VY DK
†	839	Beige Brown-DK
#	841	Beige Brown-LT
+	842	Beige Brown-VY LT
▲	844	Beaver Brown-UL DK
▲	900	Burnt Orange-DK
↑	924	Gray Green--VY DK

⌘	928	Gray Green-VY LT
◀	930	Antique Blue-DK
∴	931	Antique Blue-MD
⌘	932	Antique Blue-LT
●	934	Black Avocado Green
◀	935	Avocado Green-DK
◉	938	Coffee Brown-UL DK
=	950	Desert Sand-LT
	951	Tawny-LT
◉	975	Golden Brown-DK
@	976	Golden Brown-MD
m	977	Golden Brown-LT
☯	3021	Brown Gray-VY DK
◉	3041	Antique Violet-MD
✱	3051	Green Gray-DK
⋈	3064	Desert Sand
)	3072	Beaver Gray-VY LT
⌘	3362	Pine Green-DK
■	3371	Black Brown
β	3752	Antique Blue-VY LT
L	3753	Antique Blue-UL VY LT
✓	3755	Baby Blue
~	3756	Baby Blue-UL VY LT
○	3761	Sky Blue-LT
◉	3766	Peacock Blue-LT
■	3768	Gray Green-DK
δ	3770	Tawny-VY LT
L	3772	Desert Sand-VY DK
◉	3776	Mahogany-LT
✓	3778	Terra Cotta-LT
◀	3787	Brown Gray-DK
✕	3790	Beige Gray-UL DK
◆	3799	Pewter Gray-VY DK
♣	3802	Antique Mauve-VY DK
◉	3809	Turquoise-VY DK
∞	3823	Yellow-UL Pale
α	3827	Golden Brown-Pale
§	3828	Hazelnut Brown
↔	3840	Lavender Blue-LT
⊕	3856	Mahogany-UL VY LT
☞	3860	Cocoa
▲	3861	Cocoa-LT
◉	3863	Mocha Beige-MD
7	3864	Mocha Beige-LT
u	3865	Winter White
(3866	Mocha Brown-UL VY LT

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

Symbol	DMC1	Name1	DMC2	Name2
⦿	415	Pearl Gray	3072	Beaver Gray-VY LT
◦	712	Cream	3866	Mocha Brown-UL VY LT
❖	317	Pewter Gray	926	Gray Green-MD
✕	414	Steel Gray-DK	3861	Cocoa-LT
♠	414	Steel Gray-DK	503	Blue Green-MD
=	645	Beaver Gray-VY DK	3787	Brown Gray-DK
☾	632	Desert Sand-UL VY DK	3790	Beige Gray-UL DK
+	839	Beige Brown-DK	3787	Brown Gray-DK
▲	611	Drab Brown	632	Desert Sand-UL VY DK
✂	838	Beige Brown-VY DK	839	Beige Brown-DK
☾	3721	Shell Pink-DK	3772	Desert Sand-VY DK
♥	500	Blue Green-VY DK	3799	Pewter Gray-VY DK
●	500	Blue Green-VY DK	310	Black
⊙	310	Black	3799	Pewter Gray-VY DK
☼	407	Desert Sand-DK	640	Beige Gray-VY DK
✦	931	Antique Blue-MD	3809	Turquoise-VY DK
♢	317	Pewter Gray	413	Pewter Gray-DK
⦿	844	Beaver Brown-UL DK	3799	Pewter Gray-VY DK
—	407	Desert Sand-DK	437	Tan-LT
☾	844	Beaver Brown-UL DK	3787	Brown Gray-DK
☼	3826	Golden Brown	3828	Hazelnut Brown
⦿	356	Terra Cotta-MD	3828	Hazelnut Brown
☼	632	Desert Sand-UL VY DK	3802	Antique Mauve-VY DK
☼	370	Mustard-MD	3863	Mocha Beige-MD
△	3856	Mahogany-UL VY LT	738	Tan-VY LT
●	844	Beaver Brown-UL DK	3802	Antique Mauve-VY DK
//	640	Beige Gray-VY DK	3041	Antique Violet-MD
○	3861	Cocoa-LT	3864	Mocha Beige-LT
☼	647	Beaver Gray-MD	3041	Antique Violet-MD
☼	356	Terra Cotta-MD	3772	Desert Sand-VY DK
☼	647	Beaver Gray-MD	3861	Cocoa-LT
☼	3826	Golden Brown	976	Golden Brown-MD
✕	729	Old Gold-MD	3776	Mahogany-LT
●	301	Mahogany-MD	434	Brown-LT
III	813	Blue-LT	799	Delft Blue-MD
☼	813	Blue-LT	3766	Peacock Blue-LT
☼	334	Baby Blue-MD	517	Wedgewood-DK
☼	3752	Antique Blue-VY LT	932	Antique Blue-LT
☼	3772	Desert Sand-VY DK	3864	Mocha Beige-LT
☼	640	Beige Gray-VY DK	841	Beige Brown-LT
II	927	Gray Green-LT	452	Shell Gray-MD
II	414	Steel Gray-DK	644	Beige Gray-MD
II	414	Steel Gray-DK	452	Shell Gray-MD
✂	926	Gray Green-MD	3041	Antique Violet-MD
☼	452	Shell Gray-MD	3864	Mocha Beige-LT
☼	950	Desert Sand-LT	647	Beaver Gray-MD
☼	950	Desert Sand-LT	3864	Mocha Beige-LT
☼	739	Tan-UL VY LT	842	Beige Brown-VY LT
★	317	Pewter Gray	640	Beige Gray-VY DK
☼	647	Beaver Gray-MD	356	Terra Cotta-MD
☼	407	Desert Sand-DK	739	Tan-UL VY LT
▶	3346	Hunter Green	844	Beaver Brown-UL DK
✱	3346	Hunter Green	3787	Brown Gray-DK

↓	935	Avocado Green-DK	3362	Pine Green-DK
⊗	520	Fern Green-DK	839	Beige Brown-DK
→	839	Beige Brown-DK	935	Avocado Green-DK
⌒	520	Fern Green-DK	924	Gray Green--VY DK
⬇	844	Beaver Brown-UL DK	934	Black Avocado Green
⊗	3860	Cocoa	3864	Mocha Beige-LT
♦	931	Antique Blue-MD	3768	Gray Green-DK
⋮	931	Antique Blue-MD	334	Baby Blue-MD
⬇	645	Beaver Gray-VY DK	935	Avocado Green-DK
⊗	3802	Antique Mauve-VY DK	3787	Brown Gray-DK
⤵	3861	Cocoa-LT	3041	Antique Violet-MD
⊕	926	Gray Green-MD	3861	Cocoa-LT
z	3849	Teal Green-LT	931	Antique Blue-MD
⌒	517	Wedgewood-DK	931	Antique Blue-MD
⊗	334	Baby Blue-MD	3849	Teal Green-LT
⬇	640	Beige Gray-VY DK	926	Gray Green-MD
⊗	3752	Antique Blue-VY LT	3761	Sky Blue-LT
⊗	452	Shell Gray-MD	3849	Teal Green-LT
♦	3849	Teal Green-LT	932	Antique Blue-LT
⊗	414	Steel Gray-DK	932	Antique Blue-LT
⋮	3840	Lavender Blue-LT	3761	Sky Blue-LT
?	519	Sky Blue	809	Delft Blue
•	747	Sky Blue-VY LT	3761	Sky Blue-LT
5	3766	Peacock Blue-LT	519	Sky Blue
«	3865	Winter White	747	Sky Blue-VY LT
▼	934	Black Avocado Green	3346	Hunter Green
*	3776	Mahogany-LT	3826	Golden Brown
⊗	928	Gray Green-VY LT	452	Shell Gray-MD
⊕	301	Mahogany-MD	3828	Hazelnut Brown
⊗	3371	Black Brown	838	Beige Brown-VY DK
♣	838	Beige Brown-VY DK	975	Golden Brown-DK
↘	729	Old Gold-MD	356	Terra Cotta-MD
⌒	3863	Mocha Beige-MD	3864	Mocha Beige-LT
⬇	611	Drab Brown	3790	Beige Gray-UL DK
♥	677	Old Gold-VY LT	3856	Mahogany-UL VY LT
⊕	407	Desert Sand-DK	3864	Mocha Beige-LT
⊗	632	Desert Sand-UL VY DK	3772	Desert Sand-VY DK
⊗	3721	Shell Pink-DK	3826	Golden Brown
⌒	356	Terra Cotta-MD	3826	Golden Brown
\$	356	Terra Cotta-MD	612	Drab Brown-LT
⊗	356	Terra Cotta-MD	900	Burnt Orange-DK
<	950	Desert Sand-LT	3770	Tawny-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	
221	Shell Pink-VY DK	17	6	16	6	14	5
301	Mahogany-MD	183	72	174	68	157	61
310	Black	1716	675	1634	643	1471	579
317	Pewter Gray	285	112	271	106	244	96
334	Baby Blue-MD	649	255	619	243	557	219
347	Salmon-VY DK	5	1	5	1	4	1
355	Terra Cotta-DK	17	6	16	6	14	5
356	Terra Cotta-MD	425	167	405	159	364	143
370	Mustard-MD	146	57	139	54	125	49
407	Desert Sand-DK	765	301	728	286	655	257
413	Pewter Gray-DK	494	194	470	185	423	166
414	Steel Gray-DK	330	129	314	123	283	111
415	Pearl Gray	134	52	127	50	114	44
434	Brown-LT	103	40	98	38	88	34
435	Brown-VY LT	42	16	40	15	36	14
437	Tan-LT	302	118	288	113	259	101
452	Shell Gray-MD	240	94	229	90	206	81
500	Blue Green-VY DK	299	117	285	112	256	100
503	Blue Green-MD	55	21	53	20	47	18
517	Wedgewood-DK	183	72	174	68	157	61
518	Wedgewood-LT	278	109	265	104	238	93
519	Sky Blue	550	216	524	206	471	185
520	Fern Green-DK	125	49	119	46	107	42
543	Beige Brown-UL VY LT	81	31	77	30	70	27
597	Turquoise	57	22	54	21	49	19
611	Drab Brown	300	118	286	112	257	101
612	Drab Brown-LT	104	40	99	38	89	35
632	Desert Sand-UL VY DK	504	198	480	188	432	170
640	Beige Gray-VY DK	735	289	700	275	630	248
644	Beige Gray-MD	80	31	77	30	69	27
645	Beaver Gray-VY DK	490	192	467	183	420	165
647	Beaver Gray-MD	319	125	304	119	273	107
677	Old Gold-VY LT	146	57	139	54	125	49
712	Cream	142	55	135	53	121	47
729	Old Gold-MD	133	52	127	50	114	44
738	Tan-VY LT	175	68	167	65	150	59
739	Tan-UL VY LT	221	87	211	83	190	74
746	Off White	289	113	275	108	247	97
747	Sky Blue-VY LT	364	143	347	136	312	122
762	Pearl Gray-VY LT	147	57	140	55	126	49
799	Delft Blue-MD	470	185	448	176	403	158
801	Coffee Brown-DK	79	31	75	29	68	26
809	Delft Blue	466	183	444	174	399	157
813	Blue-LT	808	318	769	302	692	272
838	Beige Brown-VY DK	767	301	731	287	658	259
839	Beige Brown-DK	651	256	620	244	558	219
841	Beige Brown-LT	206	81	196	77	176	69
842	Beige Brown-VY LT	130	51	124	48	112	44
844	Beaver Brown-UL DK	1225	482	1166	459	1050	413
900	Burnt Orange-DK	12	4	11	4	10	3
924	Gray Green--VY DK	223	87	213	83	191	75
926	Gray Green-MD	284	111	271	106	244	96
927	Gray Green-LT	33	12	31	12	28	11

928	Gray Green-VY LT	81	31	77	30	69	27
930	Antique Blue-DK	111	43	106	41	95	37
931	Antique Blue-MD	606	238	577	227	519	204
932	Antique Blue-LT	264	103	251	98	226	88
934	Black Avocado Green	422	166	402	158	362	142
935	Avocado Green-DK	388	152	370	145	333	131
938	Coffee Brown-UL DK	186	73	177	69	160	62
950	Desert Sand-LT	225	88	214	84	193	75
951	Tawny-LT	106	41	101	39	90	35
975	Golden Brown-DK	172	67	163	64	147	57
976	Golden Brown-MD	74	29	70	27	63	24
977	Golden Brown-LT	52	20	50	19	45	17
3021	Brown Gray-VY DK	202	79	192	75	173	68
3041	Antique Violet-MD	353	138	336	132	303	119
3051	Green Gray-DK	112	44	106	41	96	37
3064	Desert Sand	135	53	129	50	116	45
3072	Beaver Gray-VY LT	206	81	196	77	176	69
3346	Hunter Green	157	61	149	58	134	52
3362	Pine Green-DK	159	62	152	59	136	53
3371	Black Brown	548	215	521	205	469	184
3721	Shell Pink-DK	51	20	48	18	43	16
3752	Antique Blue-VY LT	595	234	567	223	510	200
3753	Antique Blue-UL VY LT	380	149	362	142	326	128
3755	Baby Blue	68	26	65	25	59	23
3756	Baby Blue-UL VY LT	93	36	89	35	80	31
3761	Sky Blue-LT	432	170	411	161	370	145
3766	Peacock Blue-LT	377	148	359	141	323	127
3768	Gray Green-DK	162	63	154	60	139	54
3770	Tawny-VY LT	173	68	165	64	148	58
3772	Desert Sand-VY DK	435	171	415	163	373	146
3776	Mahogany-LT	73	28	70	27	63	24
3778	Terra Cotta-LT	16	6	16	6	14	5
3787	Brown Gray-DK	825	324	786	309	707	278
3790	Beige Gray-UL DK	524	206	499	196	449	176
3799	Pewter Gray-VY DK	1504	592	1432	563	1289	507
3802	Antique Mauve-VY DK	233	91	222	87	200	78
3809	Turquoise-VY DK	214	84	204	80	183	72
3823	Yellow-UL Pale	121	47	115	45	104	40
3826	Golden Brown	175	68	167	65	150	59
3827	Golden Brown-Pale	25	9	24	9	22	8
3828	Hazelnut Brown	329	129	314	123	282	111
3840	Lavender Blue-LT	426	167	406	159	365	143
3849	Teal Green-LT	115	45	109	42	98	38
3856	Mahogany-UL VY LT	233	91	222	87	199	78
3860	Cocoa	275	108	262	103	236	92
3861	Cocoa-LT	523	205	498	196	448	176
3863	Mocha Beige-MD	472	185	450	177	405	159
3864	Mocha Beige-LT	787	309	749	294	674	265
3865	Winter White	125	49	119	46	107	42
3866	Mocha Brown-UL VY LT	139	54	132	51	119	46

Extended thread usage table.

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
221	Shell Pink-VY DK	25	9	21	8	11	4
301	Mahogany-MD	283	110	236	92	118	46
310	Black	2648	1042	2207	869	1103	434
317	Pewter Gray	439	173	366	144	183	72
334	Baby Blue-MD	1003	394	836	329	418	164
347	Salmon-VY DK	7	2	6	2	3	1
355	Terra Cotta-DK	25	9	21	8	11	4
356	Terra Cotta-MD	655	257	546	215	273	107
370	Mustard-MD	225	88	188	74	94	37
407	Desert Sand-DK	1179	463	983	386	491	193
413	Pewter Gray-DK	761	299	635	249	317	125
414	Steel Gray-DK	509	200	425	167	212	83
415	Pearl Gray	205	79	171	66	86	33
434	Brown-LT	158	61	132	51	66	26
435	Brown-VY LT	65	25	54	21	27	11
437	Tan-LT	466	182	389	152	194	76
452	Shell Gray-MD	371	146	309	122	155	61
500	Blue Green-VY DK	461	180	384	150	192	75
503	Blue Green-MD	85	32	71	27	35	14
517	Wedgewood-DK	283	110	236	92	118	46
518	Wedgewood-LT	428	167	357	140	179	70
519	Sky Blue	848	333	707	278	353	139
520	Fern Green-DK	193	76	161	63	80	32
543	Beige Brown-UL VY LT	126	49	105	41	53	20
597	Turquoise	88	34	74	29	37	14
611	Drab Brown	463	182	386	152	193	76
612	Drab Brown-LT	160	63	134	53	67	26
632	Desert Sand-UL VY DK	778	306	648	255	324	128
640	Beige Gray-VY DK	1134	446	945	372	473	186
644	Beige Gray-MD	124	49	104	41	52	20
645	Beaver Gray-VY DK	756	297	630	248	315	124
647	Beaver Gray-MD	491	193	410	161	205	80
677	Old Gold-VY LT	225	88	188	74	94	37
712	Cream	218	85	182	71	91	35
729	Old Gold-MD	205	79	171	66	86	33
738	Tan-VY LT	270	106	225	89	113	44
739	Tan-UL VY LT	342	133	285	111	143	56
746	Off White	445	175	371	146	185	73
747	Sky Blue-VY LT	562	220	468	183	234	92
762	Pearl Gray-VY LT	227	88	189	74	95	37
799	Delft Blue-MD	725	284	605	237	302	119
801	Coffee Brown-DK	122	47	102	39	51	20
809	Delft Blue	718	283	599	236	299	118
813	Blue-LT	1246	490	1038	408	519	204
838	Beige Brown-VY DK	1184	466	987	389	494	194
839	Beige Brown-DK	1004	394	837	329	419	164
841	Beige Brown-LT	317	124	264	104	132	52
842	Beige Brown-VY LT	202	79	168	66	84	33
844	Beaver Brown-UL DK	1890	743	1575	620	788	310
900	Burnt Orange-DK	18	5	15	5	8	2
924	Gray Green-VY DK	344	135	287	113	143	56
926	Gray Green-MD	439	173	366	144	183	72
927	Gray Green-LT	50	20	42	17	21	8

928	Gray Green-VY LT	124	49	104	41	52	20
930	Antique Blue-DK	171	67	143	56	71	28
931	Antique Blue-MD	934	367	779	306	389	153
932	Antique Blue-LT	407	158	339	132	170	66
934	Black Avocado Green	652	256	543	213	272	107
935	Avocado Green-DK	599	236	500	197	250	98
938	Coffee Brown-UL DK	288	112	240	93	120	47
950	Desert Sand-LT	347	135	290	113	145	56
951	Tawny-LT	162	63	135	53	68	26
975	Golden Brown-DK	265	103	221	86	110	43
976	Golden Brown-MD	113	43	95	36	47	18
977	Golden Brown-LT	81	31	68	26	34	13
3021	Brown Gray-VY DK	311	122	260	102	130	51
3041	Antique Violet-MD	545	214	455	179	227	89
3051	Green Gray-DK	173	67	144	56	72	28
3064	Desert Sand	209	81	174	68	87	34
3072	Beaver Gray-VY LT	317	124	264	104	132	52
3346	Hunter Green	241	94	201	78	101	39
3362	Pine Green-DK	245	95	204	80	102	40
3371	Black Brown	844	331	704	276	352	138
3721	Shell Pink-DK	77	29	65	24	32	12
3752	Antique Blue-VY LT	918	360	765	300	383	150
3753	Antique Blue-UL VY LT	587	230	489	192	245	96
3755	Baby Blue	106	41	89	35	44	17
3756	Baby Blue-UL VY LT	144	56	120	47	60	23
3761	Sky Blue-LT	666	261	555	218	278	109
3766	Peacock Blue-LT	581	229	485	191	242	95
3768	Gray Green-DK	250	97	209	81	104	41
3770	Tawny-VY LT	266	104	222	87	111	44
3772	Desert Sand-VY DK	671	263	560	219	280	110
3776	Mahogany-LT	113	43	95	36	47	18
3778	Terra Cotta-LT	25	9	21	8	11	4
3787	Brown Gray-DK	1273	500	1061	417	530	209
3790	Beige Gray-UL DK	808	317	674	264	337	132
3799	Pewter Gray-VY DK	2320	913	1934	761	967	380
3802	Antique Mauve-VY DK	360	140	300	117	150	59
3809	Turquoise-VY DK	329	130	275	108	137	54
3823	Yellow-UL Pale	187	72	156	60	78	30
3826	Golden Brown	270	106	225	89	113	44
3827	Golden Brown-Pale	40	14	33	12	17	6
3828	Hazelnut Brown	508	200	423	167	212	83
3840	Lavender Blue-LT	657	257	548	215	274	107
3849	Teal Green-LT	176	68	147	57	74	29
3856	Mahogany-UL VY LT	358	140	299	117	149	59
3860	Cocoa	425	166	354	138	177	69
3861	Cocoa-LT	806	317	672	264	336	132
3863	Mocha Beige-MD	729	286	608	239	304	119
3864	Mocha Beige-LT	1213	477	1011	398	506	199
3865	Winter White	193	76	161	63	80	32
3866	Mocha Brown-UL VY LT	214	83	179	69	89	35

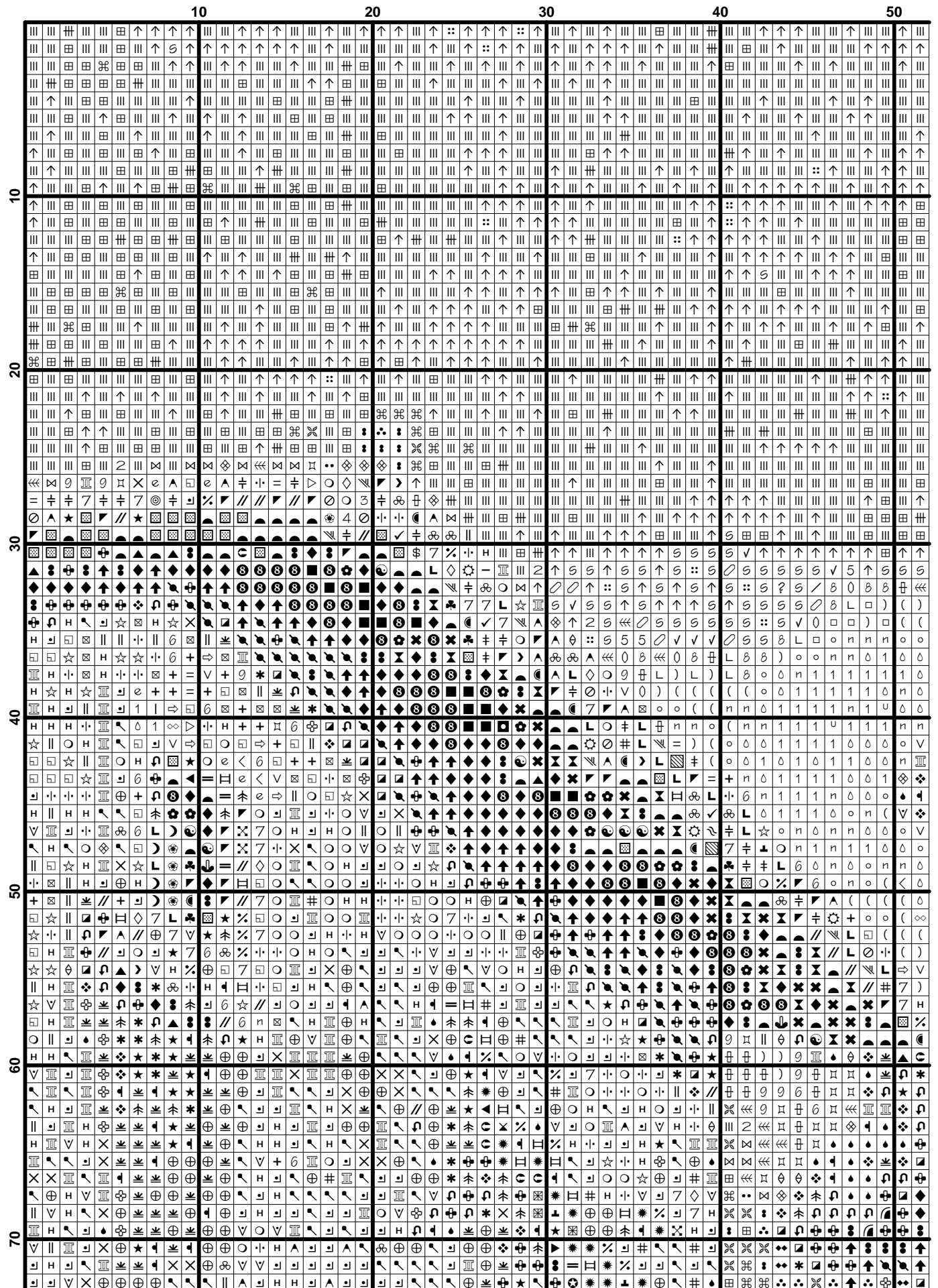
Extended thread usage table.

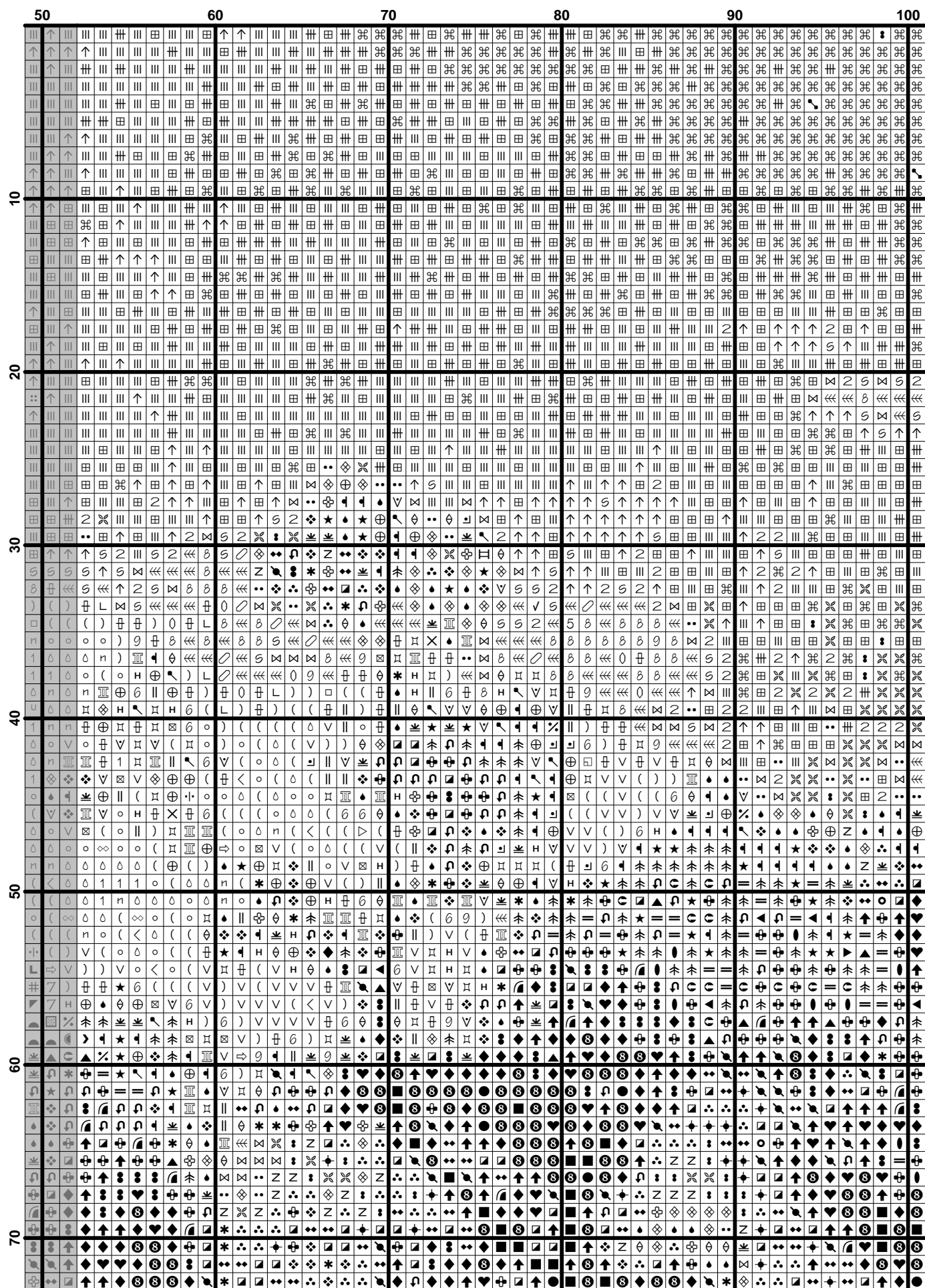
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
221	Shell Pink-VY DK	10	4	10	3	9	3
301	Mahogany-MD	113	44	109	42	105	41
310	Black	1059	417	1018	401	981	386
317	Pewter Gray	176	69	169	66	163	64
334	Baby Blue-MD	401	158	386	152	371	146
347	Salmon-VY DK	3	1	3	1	3	1
355	Terra Cotta-DK	10	4	10	3	9	3
356	Terra Cotta-MD	262	103	252	99	243	95
370	Mustard-MD	90	35	87	34	83	33
407	Desert Sand-DK	472	185	453	178	437	171
413	Pewter Gray-DK	305	120	293	115	282	111
414	Steel Gray-DK	204	80	196	77	189	74
415	Pearl Gray	82	32	79	30	76	29
434	Brown-LT	63	24	61	24	59	23
435	Brown-VY LT	26	10	25	10	24	9
437	Tan-LT	186	73	179	70	173	67
452	Shell Gray-MD	148	58	143	56	137	54
500	Blue Green-VY DK	184	72	177	69	171	67
503	Blue Green-MD	34	13	33	12	31	12
517	Wedgewood-DK	113	44	109	42	105	41
518	Wedgewood-LT	171	67	165	64	159	62
519	Sky Blue	339	133	326	128	314	123
520	Fern Green-DK	77	30	74	29	71	28
543	Beige Brown-UL VY LT	50	19	48	19	47	18
597	Turquoise	35	14	34	13	33	13
611	Drab Brown	185	73	178	70	171	67
612	Drab Brown-LT	64	25	62	24	59	23
632	Desert Sand-UL VY DK	311	122	299	118	288	113
640	Beige Gray-VY DK	454	179	436	172	420	165
644	Beige Gray-MD	50	19	48	19	46	18
645	Beaver Gray-VY DK	302	119	291	114	280	110
647	Beaver Gray-MD	197	77	189	74	182	71
677	Old Gold-VY LT	90	35	87	34	83	33
712	Cream	87	34	84	33	81	31
729	Old Gold-MD	82	32	79	30	76	29
738	Tan-VY LT	108	42	104	41	100	39
739	Tan-UL VY LT	137	53	132	51	127	49
746	Off White	178	70	171	67	165	65
747	Sky Blue-VY LT	225	88	216	84	208	81
762	Pearl Gray-VY LT	91	35	87	34	84	33
799	Delft Blue-MD	290	114	279	109	269	105
801	Coffee Brown-DK	49	19	47	18	45	17
809	Delft Blue	287	113	276	109	266	105
813	Blue-LT	498	196	479	188	461	181
838	Beige Brown-VY DK	474	186	456	179	439	173
839	Beige Brown-DK	402	158	386	152	372	146
841	Beige Brown-LT	127	50	122	48	117	46
842	Beige Brown-VY LT	81	32	78	30	75	29
844	Beaver Brown-UL DK	756	297	727	286	700	275
900	Burnt Orange-DK	7	2	7	2	7	2
924	Gray Green-VY DK	138	54	132	52	127	50
926	Gray Green-MD	176	69	169	66	163	64
927	Gray Green-LT	20	8	19	8	19	7

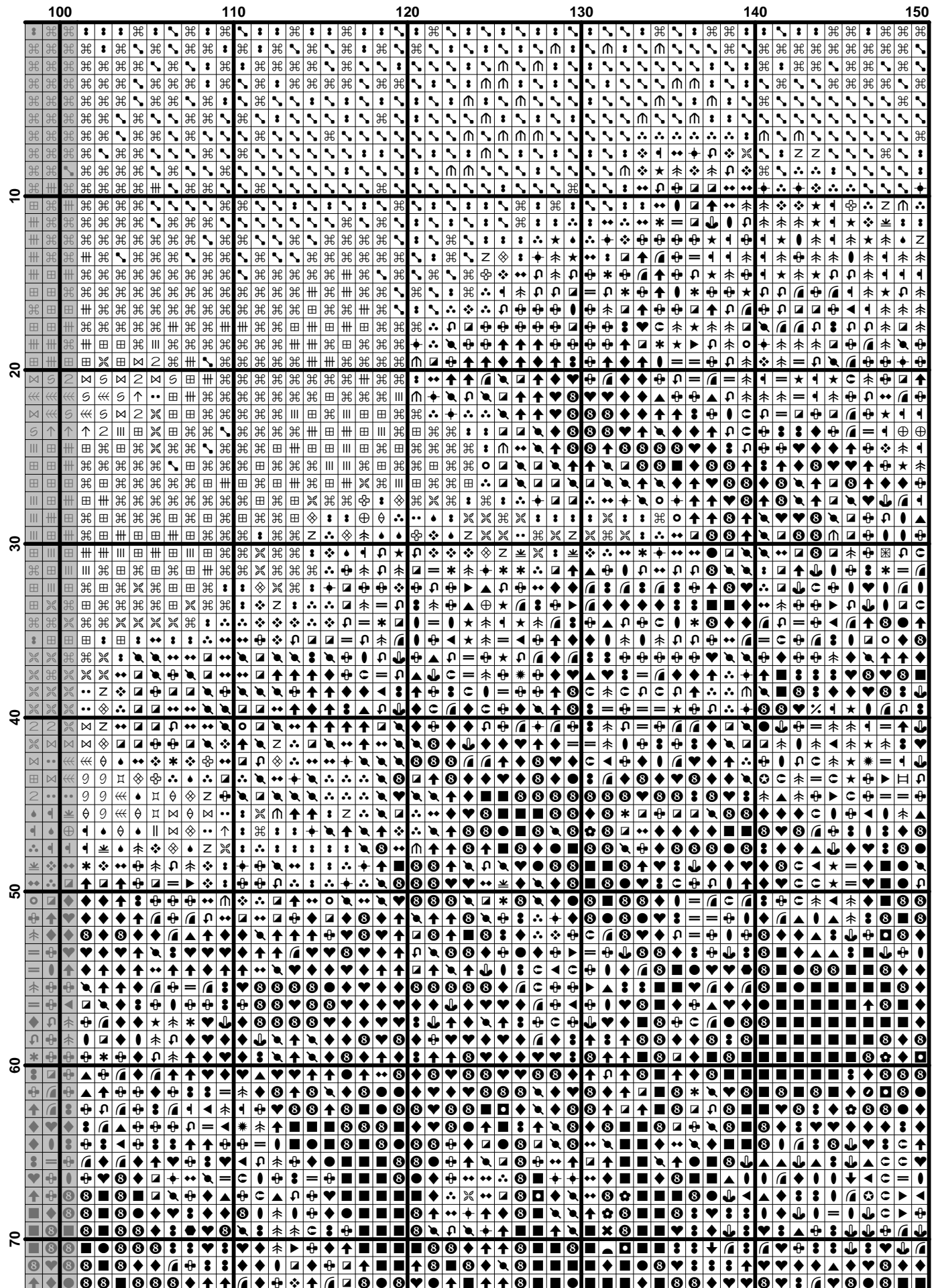
928	Gray Green-VY LT	50	19	48	19	46	18
930	Antique Blue-DK	68	27	66	26	63	25
931	Antique Blue-MD	374	147	359	141	346	136
932	Antique Blue-LT	163	63	156	61	151	59
934	Black Avocado Green	261	102	251	98	241	95
935	Avocado Green-DK	240	94	231	91	222	87
938	Coffee Brown-UL DK	115	45	111	43	107	41
950	Desert Sand-LT	139	54	134	52	129	50
951	Tawny-LT	65	25	62	24	60	23
975	Golden Brown-DK	106	41	102	39	98	38
976	Golden Brown-MD	45	17	44	17	42	16
977	Golden Brown-LT	32	12	31	12	30	11
3021	Brown Gray-VY DK	125	49	120	47	115	45
3041	Antique Violet-MD	218	86	210	82	202	79
3051	Green Gray-DK	69	27	66	26	64	25
3064	Desert Sand	84	32	80	31	77	30
3072	Beaver Gray-VY LT	127	50	122	48	117	46
3346	Hunter Green	96	37	93	36	89	35
3362	Pine Green-DK	98	38	94	37	91	35
3371	Black Brown	338	132	325	127	313	123
3721	Shell Pink-DK	31	12	30	11	29	11
3752	Antique Blue-VY LT	367	144	353	138	340	133
3753	Antique Blue-UL VY LT	235	92	226	89	217	85
3755	Baby Blue	42	17	41	16	39	15
3756	Baby Blue-UL VY LT	58	22	55	21	53	21
3761	Sky Blue-LT	266	104	256	100	247	97
3766	Peacock Blue-LT	233	91	224	88	215	85
3768	Gray Green-DK	100	39	96	37	93	36
3770	Tawny-VY LT	107	42	102	40	99	39
3772	Desert Sand-VY DK	269	105	258	101	249	97
3776	Mahogany-LT	45	17	44	17	42	16
3778	Terra Cotta-LT	10	4	10	3	9	3
3787	Brown Gray-DK	509	200	489	192	471	185
3790	Beige Gray-UL DK	323	127	311	122	299	117
3799	Pewter Gray-VY DK	928	365	892	351	859	338
3802	Antique Mauve-VY DK	144	56	138	54	133	52
3809	Turquoise-VY DK	132	52	127	50	122	48
3823	Yellow-UL Pale	75	29	72	28	69	27
3826	Golden Brown	108	42	104	41	100	39
3827	Golden Brown-Pale	16	6	15	6	15	5
3828	Hazelnut Brown	203	80	195	77	188	74
3840	Lavender Blue-LT	263	103	253	99	243	95
3849	Teal Green-LT	71	27	68	26	65	25
3856	Mahogany-UL VY LT	143	56	138	54	133	52
3860	Cocoa	170	66	163	64	157	61
3861	Cocoa-LT	323	127	310	122	299	117
3863	Mocha Beige-MD	292	114	280	110	270	106
3864	Mocha Beige-LT	485	191	467	183	449	177
3865	Winter White	77	30	74	29	71	28
3866	Mocha Brown-UL VY LT	86	33	82	32	79	31

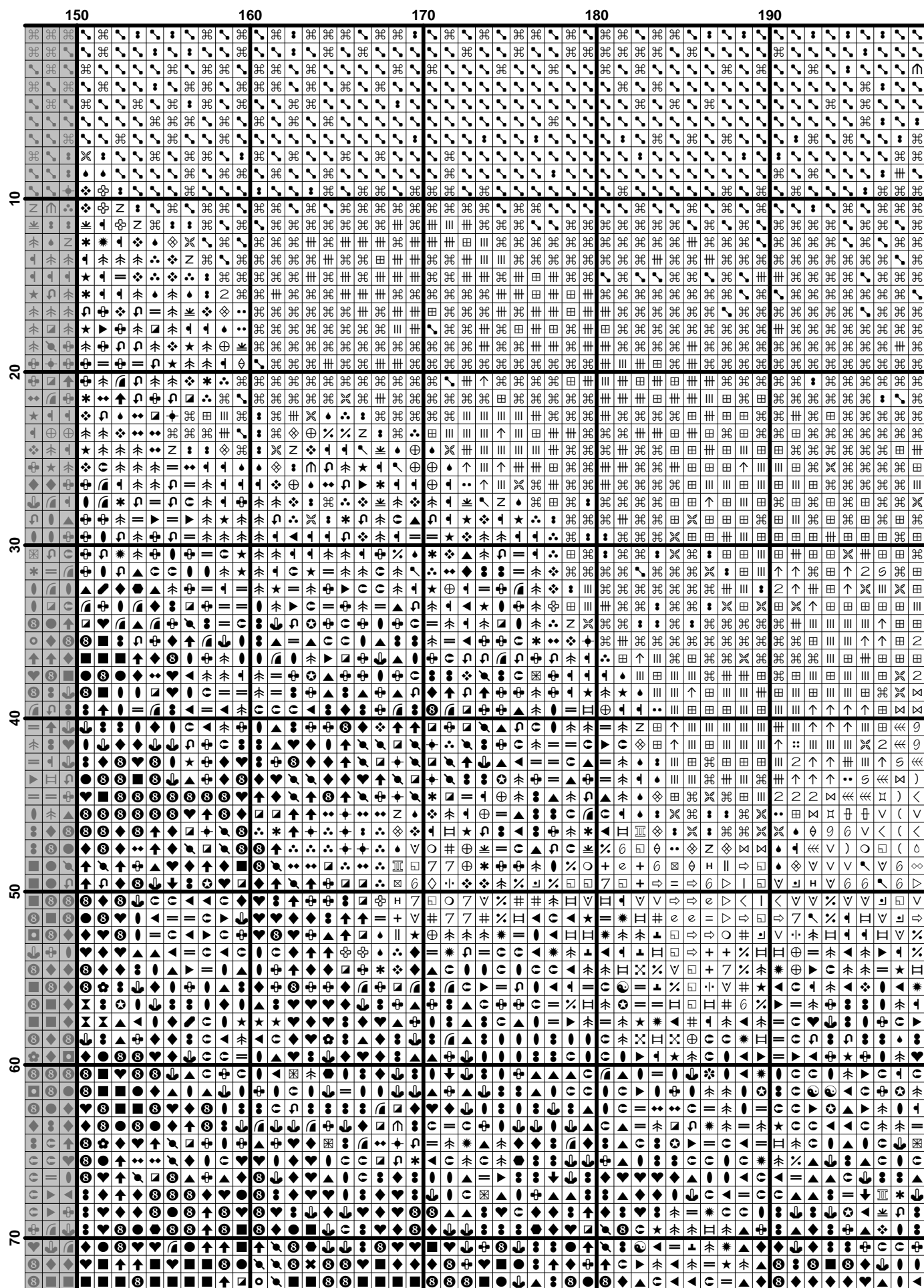
Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
221	Shell Pink-VY DK	9	3	8	3	8	3
301	Mahogany-MD	101	39	94	37	88	34
310	Black	946	372	883	347	827	326
317	Pewter Gray	157	62	146	58	137	54
334	Baby Blue-MD	358	141	334	131	313	123
347	Salmon-VY DK	3	1	2	1	2	1
355	Terra Cotta-DK	9	3	8	3	8	3
356	Terra Cotta-MD	234	92	218	86	205	80
370	Mustard-MD	80	32	75	29	70	28
407	Desert Sand-DK	421	165	393	154	368	145
413	Pewter Gray-DK	272	107	254	100	238	93
414	Steel Gray-DK	182	71	170	67	159	62
415	Pearl Gray	73	28	68	26	64	25
434	Brown-LT	57	22	53	20	50	19
435	Brown-VY LT	23	9	22	8	20	8
437	Tan-LT	167	65	155	61	146	57
452	Shell Gray-MD	132	52	124	49	116	46
500	Blue Green-VY DK	165	64	154	60	144	56
503	Blue Green-MD	30	12	28	11	26	10
517	Wedgewood-DK	101	39	94	37	88	34
518	Wedgewood-LT	153	60	143	56	134	52
519	Sky Blue	303	119	283	111	265	104
520	Fern Green-DK	69	27	64	25	60	24
543	Beige Brown-UL VY LT	45	17	42	16	39	15
597	Turquoise	32	12	29	11	28	11
611	Drab Brown	165	65	154	61	145	57
612	Drab Brown-LT	57	23	53	21	50	20
632	Desert Sand-UL VY DK	278	109	259	102	243	96
640	Beige Gray-VY DK	405	159	378	149	354	140
644	Beige Gray-MD	44	17	41	16	39	15
645	Beaver Gray-VY DK	270	106	252	99	236	93
647	Beaver Gray-MD	176	69	164	64	154	60
677	Old Gold-VY LT	80	32	75	29	70	28
712	Cream	78	30	73	28	68	26
729	Old Gold-MD	73	28	68	26	64	25
738	Tan-VY LT	96	38	90	35	84	33
739	Tan-UL VY LT	122	48	114	44	107	42
746	Off White	159	62	148	58	139	55
747	Sky Blue-VY LT	201	78	187	73	176	69
762	Pearl Gray-VY LT	81	32	76	29	71	28
799	Delft Blue-MD	259	102	242	95	227	89
801	Coffee Brown-DK	44	17	41	16	38	15
809	Delft Blue	257	101	239	94	224	88
813	Blue-LT	445	175	415	163	389	153
838	Beige Brown-VY DK	423	167	395	155	370	146
839	Beige Brown-DK	359	141	335	131	314	123
841	Beige Brown-LT	113	44	106	41	99	39
842	Beige Brown-VY LT	72	28	67	26	63	25
844	Beaver Brown-UL DK	675	266	630	248	591	232
900	Burnt Orange-DK	6	2	6	2	6	2
924	Gray Green--VY DK	123	48	115	45	107	42
926	Gray Green-MD	157	62	146	58	137	54
927	Gray Green-LT	18	7	17	7	16	6

928	Gray Green-VY LT	44	17	41	16	39	15
930	Antique Blue-DK	61	24	57	22	53	21
931	Antique Blue-MD	334	131	311	122	292	115
932	Antique Blue-LT	145	57	136	53	127	50
934	Black Avocado Green	233	91	217	85	204	80
935	Avocado Green-DK	214	84	200	79	187	74
938	Coffee Brown-UL DK	103	40	96	37	90	35
950	Desert Sand-LT	124	48	116	45	109	42
951	Tawny-LT	58	23	54	21	51	20
975	Golden Brown-DK	95	37	88	34	83	32
976	Golden Brown-MD	41	15	38	14	35	14
977	Golden Brown-LT	29	11	27	10	25	10
3021	Brown Gray-VY DK	111	44	104	41	97	38
3041	Antique Violet-MD	195	77	182	71	170	67
3051	Green Gray-DK	62	24	58	22	54	21
3064	Desert Sand	75	29	70	27	65	25
3072	Beaver Gray-VY LT	113	44	106	41	99	39
3346	Hunter Green	86	33	80	31	75	29
3362	Pine Green-DK	87	34	82	32	77	30
3371	Black Brown	302	118	281	110	264	104
3721	Shell Pink-DK	28	10	26	10	24	9
3752	Antique Blue-VY LT	328	129	306	120	287	113
3753	Antique Blue-UL VY LT	210	82	196	77	183	72
3755	Baby Blue	38	15	35	14	33	13
3756	Baby Blue-UL VY LT	51	20	48	19	45	17
3761	Sky Blue-LT	238	93	222	87	208	82
3766	Peacock Blue-LT	208	82	194	76	182	71
3768	Gray Green-DK	89	35	83	32	78	30
3770	Tawny-VY LT	95	37	89	35	83	33
3772	Desert Sand-VY DK	240	94	224	88	210	82
3776	Mahogany-LT	41	15	38	14	35	14
3778	Terra Cotta-LT	9	3	8	3	8	3
3787	Brown Gray-DK	455	179	424	167	398	156
3790	Beige Gray-UL DK	289	113	269	106	253	99
3799	Pewter Gray-VY DK	829	326	773	304	725	285
3802	Antique Mauve-VY DK	129	50	120	47	113	44
3809	Turquoise-VY DK	118	46	110	43	103	41
3823	Yellow-UL Pale	67	26	62	24	59	23
3826	Golden Brown	96	38	90	35	84	33
3827	Golden Brown-Pale	14	5	13	5	12	5
3828	Hazelnut Brown	181	71	169	67	159	62
3840	Lavender Blue-LT	235	92	219	86	205	80
3849	Teal Green-LT	63	24	59	23	55	21
3856	Mahogany-UL VY LT	128	50	119	47	112	44
3860	Cocoa	152	59	142	55	133	52
3861	Cocoa-LT	288	113	269	106	252	99
3863	Mocha Beige-MD	260	102	243	95	228	89
3864	Mocha Beige-LT	433	170	404	159	379	149
3865	Winter White	69	27	64	25	60	24
3866	Mocha Brown-UL VY LT	77	30	71	28	67	26







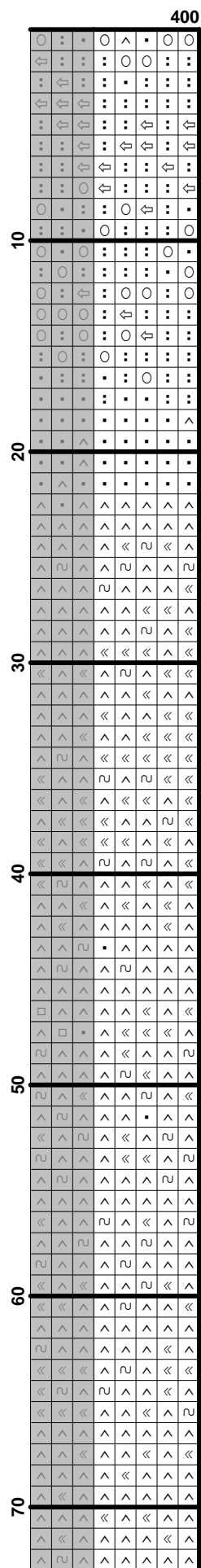


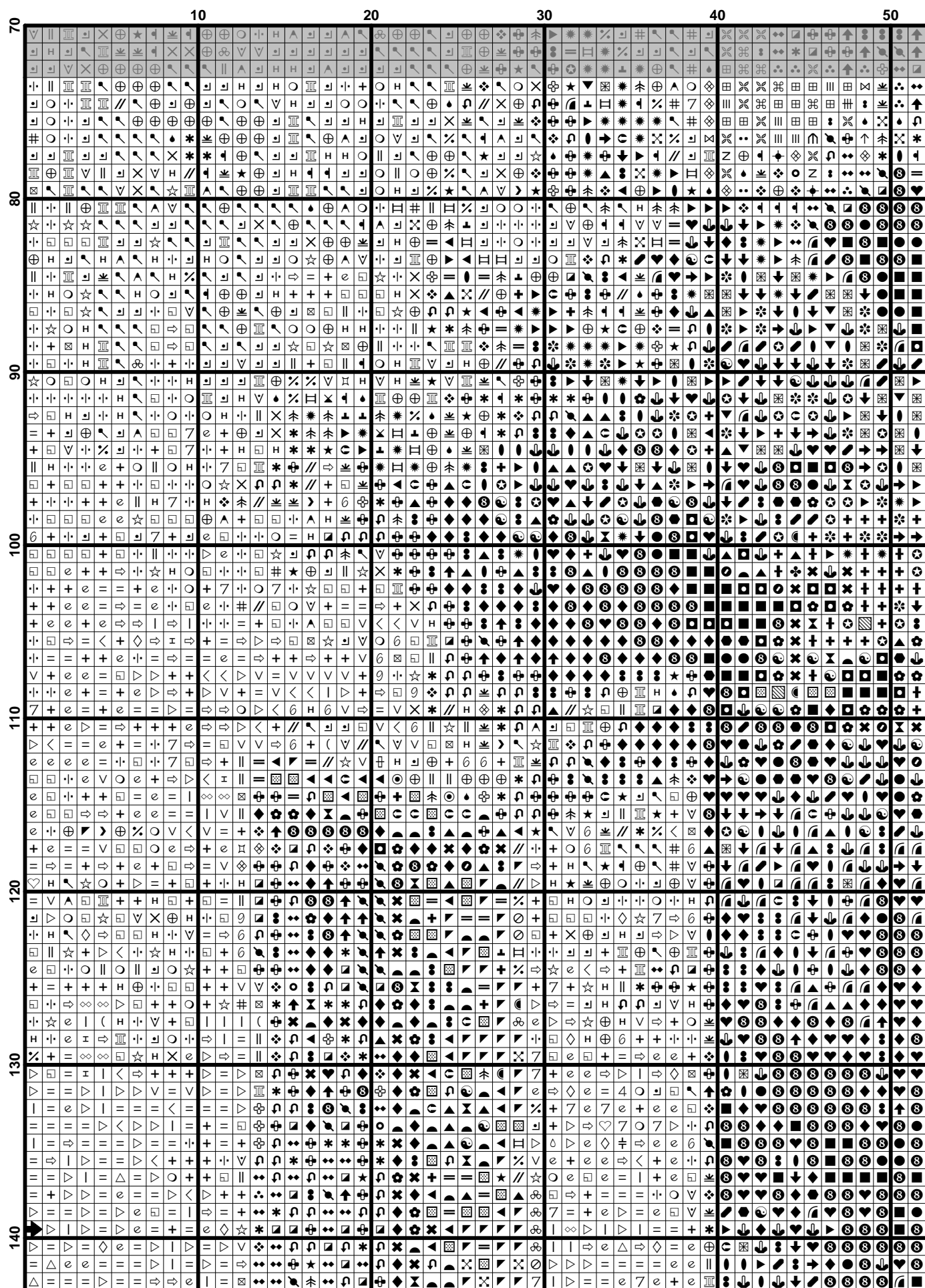
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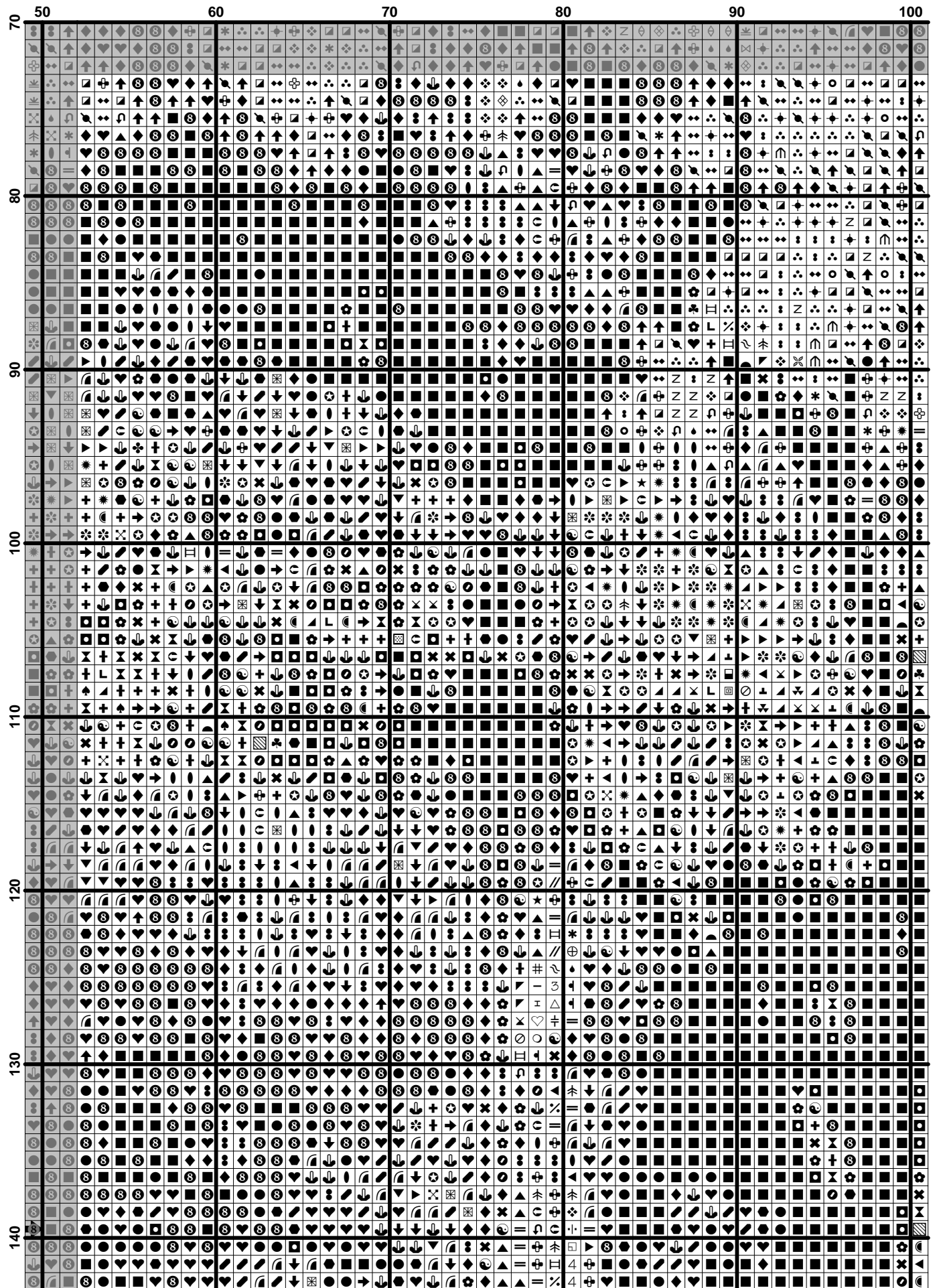
$$(15) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} g(s) ds + \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} h(s) ds$$

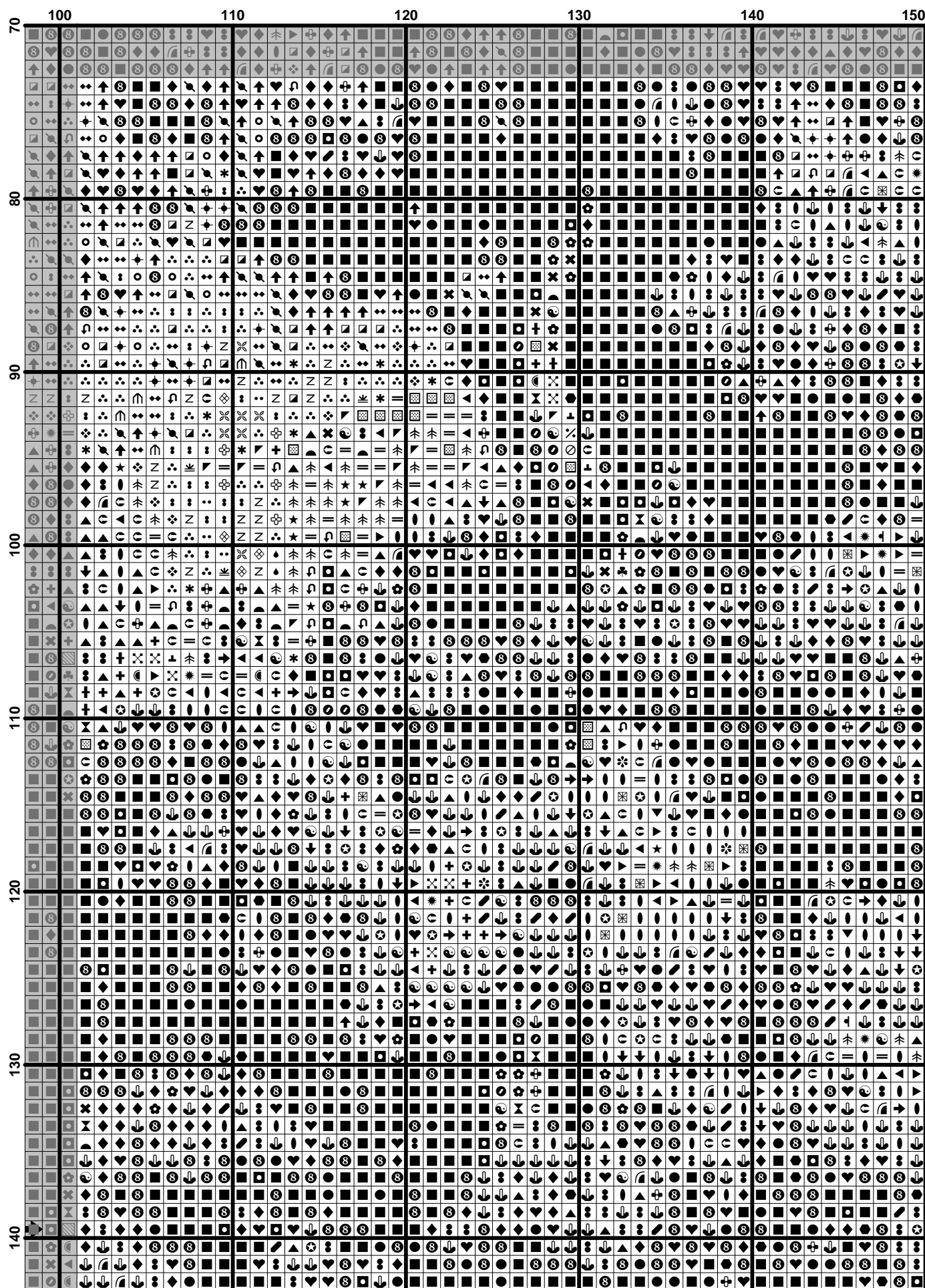
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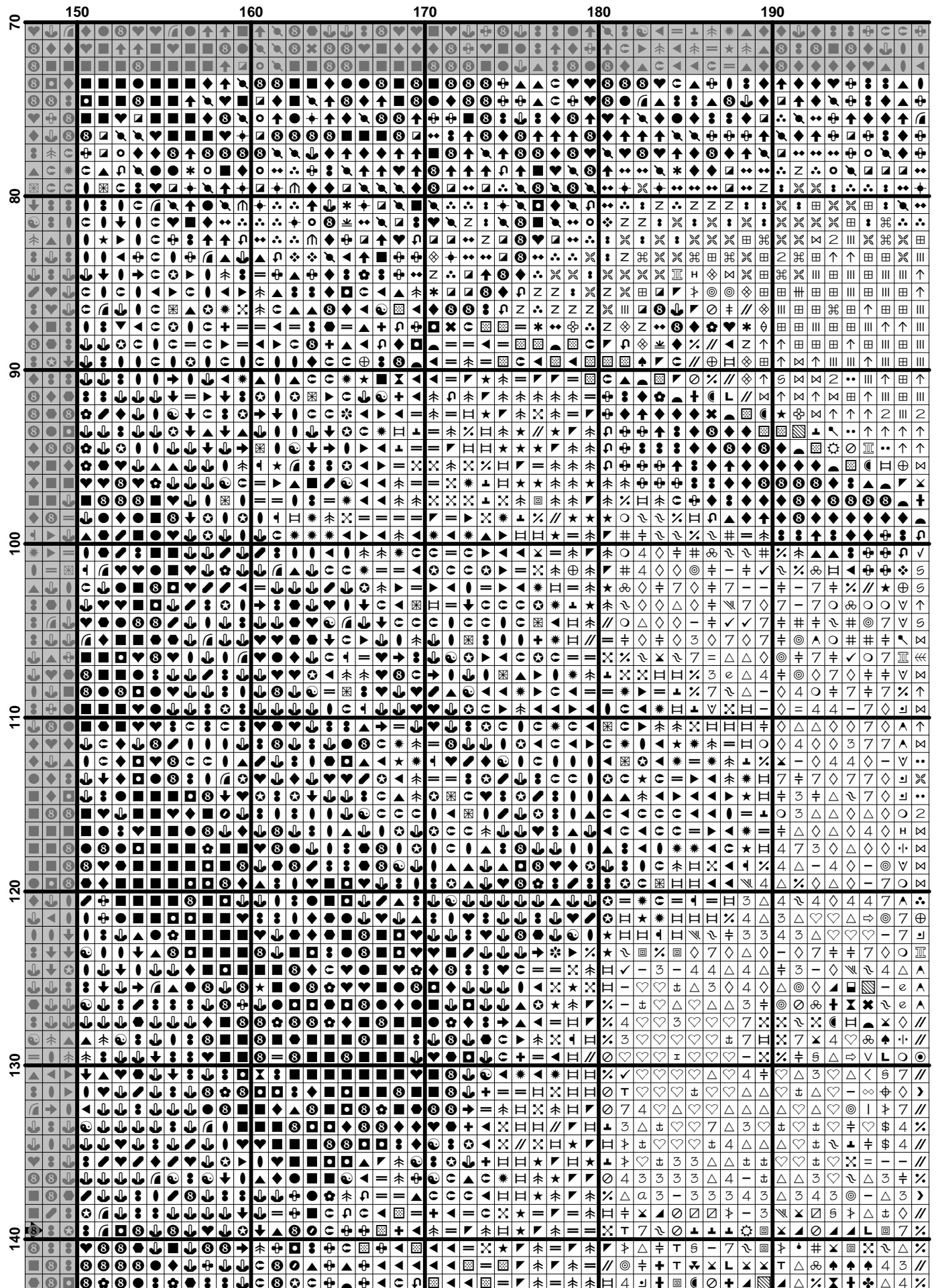
$$(17) \quad \frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$$











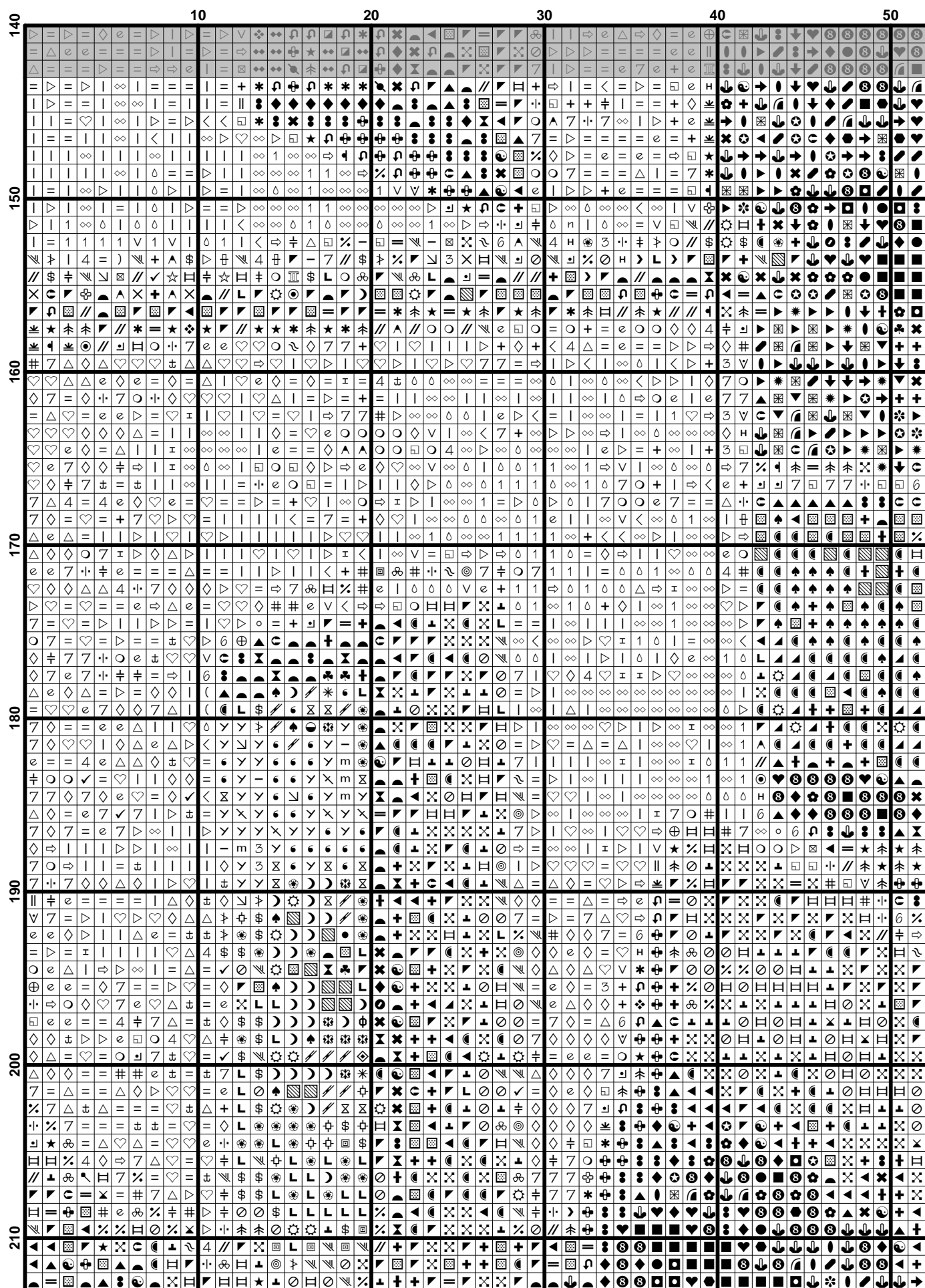
	200	210	220	230	240
70					
80					
90					
100					
110					
120					
130					
140					

$$(24) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$

$$(25) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (26)$$

(27)

(27)



$$(29) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds + \frac{1}{\Gamma(\alpha)} \int_t^\infty (t-s)^{\alpha-1} f(s) ds$$

