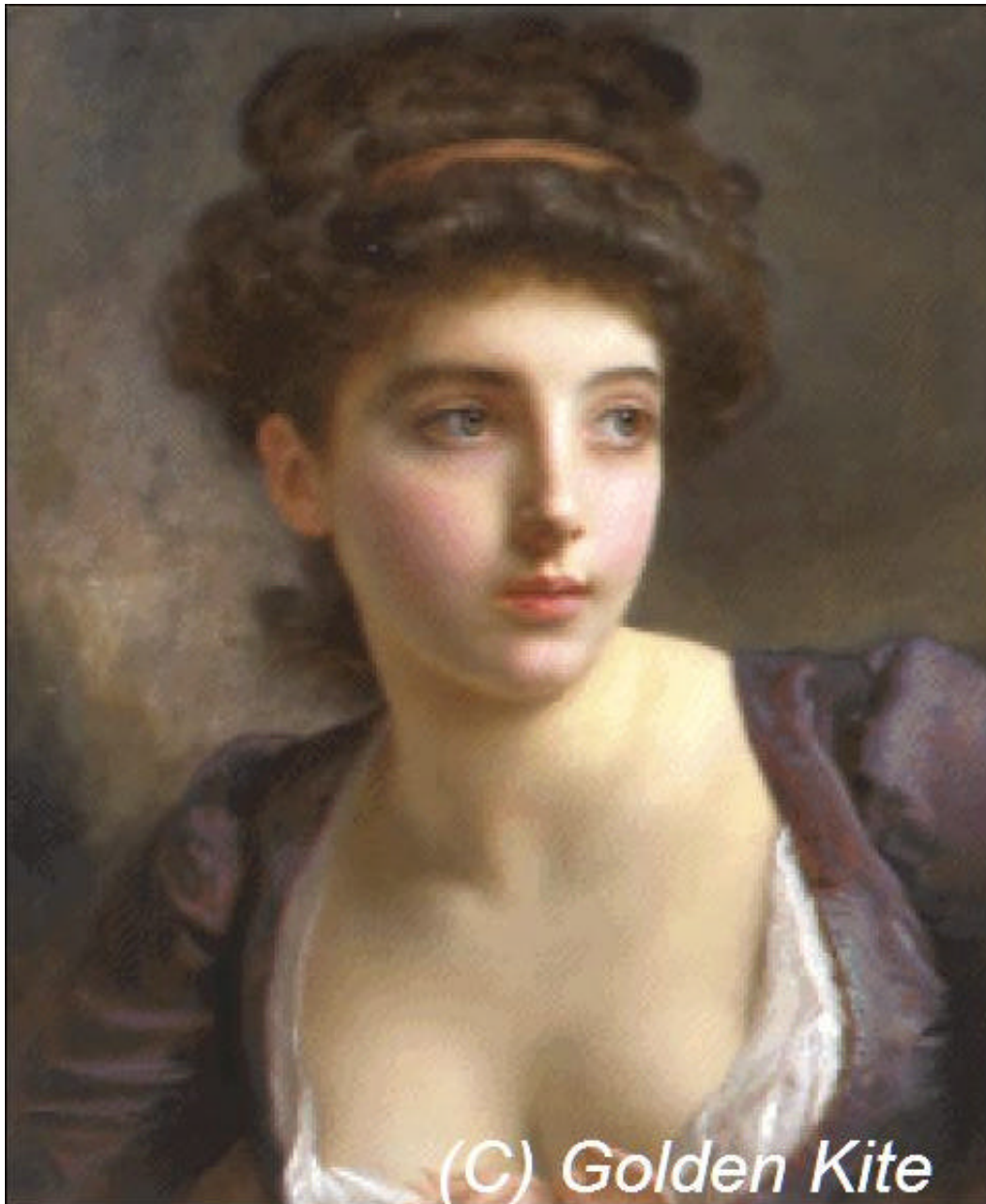


## 1123 A Court Beauty



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## Instructions

Thank you for choosing Golden Kite products!  
We hope you will have lots of fun with this cross-stitch pattern!

### Fabric

Press the fabric with an iron if needed. A good thing to prevent the fabric from fraying is to machine zigzag the edges.

On large patterns, it is easiest to start from the upper left corner of the design. Make sure you have the proper margins before starting and that the fabric piece is of the correct size. The best way to verify this is to count all stitch positions on the fabric from the upper left corner downwards and to the right to make sure there is enough space for the design.

Some prefer to start in the center of the design instead. To locate the center of the fabric, fold the fabric in half both vertically and horizontally. The center is located where these two folds meet.

### Stitches

Each length of DMC tread consists of six strands.  
Use two of these strands for all stitches.

Note that some colors may be mixes (or blends) between two different pure colors. In that case take one strand of the two colors each and thread the two strands into the needle at the same time for stitching.

All stitches are full cross-stitches. No half-stitching and no back-stitching is necessary in this pattern.

All cross-stitches will be worked into the holes in the fabric from left to right. Always use the larger holes in the fabric for the stitches. Adjacent stitches should meet in the same hole. Make sure all stitches cross in the same direction.

Please be careful when washing the finished embroidery! The cotton thread may bleed when washed. Only hand wash it in lukewarm water. Remove excess water by roll it in a towel and lay it flat to air dry. Natural fabrics may shrink slightly when washed. We do not recommend washing the embroidery if not absolutely necessary and we take no responsibility for any damage that may occur.

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## A Court Beauty

Stitch Count	
Horizontal:	213
Vertical:	259

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:	39	15.1	47	18.48	34	13.21	42	16.17	30	11.75	37	14.375
Including Margins:	55	22	63	25	50	20	58	23	46	18	53	21
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	54	21.14	65	25.87	45	17.61	54	21.56	22	8.8	27	10.78
Including Margins:	70	28	81	32	61	24	70	28	38	15	43	17
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	21	8.45	26	10.34	21	8.13	25	9.95	20	7.82	24	9.58
Including Margins:	37	15	42	17	37	15	41	16	36	14	40	16
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	19	7.55	23	9.24	18	7.04	21	8.62	17	6.6	20	8.08
Including Margins:	35	14	39	16	34	14	37	15	33	13	36	15

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
?	224	Shell Pink-VY LT
X	356	Terra Cotta-MD
⋈	407	Desert Sand-DK
√	415	Pearl Gray
◇	451	Shell Gray-DK
c	452	Shell Gray-MD
g	453	Shell Gray-LT
▲	535	Ash Gray-VY LT
⊠	610	Drab Brown-DK
⊕	632	Desert Sand-UL VY DK
*	640	Beige Gray-VY DK
◇	644	Beige Gray-MD
▴	645	Beaver Gray-VY DK
••	647	Beaver Gray-MD
≡	648	Beaver Gray-LT
~	712	Cream
ℓ	738	Tan-VY LT
L	739	Tan-UL VY LT
1	746	Off White
⊞	754	Peach-LT
7	758	Terra Cotta-VY LT
<	762	Pearl Gray-VY LT
◁	778	Antique Mauve-VY LT
«	819	Baby Pink-LT
♡	822	Beige Gray-LT
↑	839	Beige Brown-DK
⊗	840	Beige Brown-MD
↷	841	Beige Brown-LT
5	842	Beige Brown-VY LT
⌘	844	Beaver Brown-UL DK
○	927	Gray Green-LT

☆	928	Gray Green-VY LT
+	945	Tawny
□	948	Peach-VY LT
δ	950	Desert Sand-LT
•	951	Tawny-LT
●	3021	Brown Gray-VY DK
\$	3022	Brown Gray-MD
⇄	3024	Brown Gray-VY LT
⊞	3032	Mocha Brown-MD
⇒	3033	Mocha Brown-VY LT
L	3041	Antique Violet-MD
III	3064	Desert Sand
v	3072	Beaver Gray-VY LT
3	3354	Dusty Rose-LT
III	3712	Salmon-MD
)	3713	Salmon-VY LT
4	3743	Antique Violet-VY LT
:	3753	Antique Blue-UL VY LT
Δ	3756	Baby Blue-UL VY LT
∞	3770	Tawny-VY LT
∅	3772	Desert Sand-VY DK
○	3774	Desert Sand-VY LT
e	3779	Terra Cotta-UL VY LT
H	3782	Mocha Brown-LT
+	3787	Brown Gray-DK
⌋	3790	Beige Gray-UL DK
o	3823	Yellow-UL Pale
†	3858	Rosewood-MD
Λ	3859	Rosewood-LT
♦	3862	Mocha Beige-DK
⊕	3863	Mocha Beige-MD
↓	3864	Mocha Beige-LT
u	3865	Winter White
^	Ecru	Ecru

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

Symbol	DMC1	Name1	DMC2	Name2
■	934	Black Avocado Green	3799	Pewter Gray-VY DK
◆	844	Beaver Brown-UL DK	3021	Brown Gray-VY DK
♥	3799	Pewter Gray-VY DK	844	Beaver Brown-UL DK
♣	839	Beige Brown-DK	3787	Brown Gray-DK
●	610	Drab Brown-DK	839	Beige Brown-DK
♣	632	Desert Sand-UL VY DK	839	Beige Brown-DK
↑	3064	Desert Sand	3864	Mocha Beige-LT
▮	413	Pewter Gray-DK	535	Ash Gray-VY LT
* *	839	Beige Brown-DK	844	Beaver Brown-UL DK
☺	535	Ash Gray-VY LT	645	Beaver Gray-VY DK
⊕	3778	Terra Cotta-LT	356	Terra Cotta-MD
—	738	Tan-VY LT	3864	Mocha Beige-LT
◎	414	Steel Gray-DK	927	Gray Green-LT
○	3787	Brown Gray-DK	3790	Beige Gray-UL DK
▲	3860	Cocoa	3790	Beige Gray-UL DK
●	420	Hazelnut Brown-DK	632	Desert Sand-UL VY DK
φ	610	Drab Brown-DK	632	Desert Sand-UL VY DK
↘	844	Beaver Brown-UL DK	3787	Brown Gray-DK
▼	3740	Antique Violet-DK	3787	Brown Gray-DK
//	3860	Cocoa	3863	Mocha Beige-MD
◇	451	Shell Gray-DK	3860	Cocoa
↘	3726	Antique Mauve-DK	3863	Mocha Beige-MD
⊕	758	Terra Cotta-VY LT	3733	Dusty Rose
▼	610	Drab Brown-DK	844	Beaver Brown-UL DK
③	3021	Brown Gray-VY DK	3031	Mocha Brown-VY DK
	452	Shell Gray-MD	224	Shell Pink-VY LT
(	3713	Salmon-VY LT	819	Baby Pink-LT
2	3733	Dusty Rose	3864	Mocha Beige-LT
◇	223	Shell Pink-LT	841	Beige Brown-LT
▶	3740	Antique Violet-DK	3790	Beige Gray-UL DK
✿	645	Beaver Gray-VY DK	3790	Beige Gray-UL DK
■	632	Desert Sand-UL VY DK	3790	Beige Gray-UL DK
☺	3032	Mocha Brown-MD	223	Shell Pink-LT
▮	645	Beaver Gray-VY DK	3740	Antique Violet-DK
/	950	Desert Sand-LT	842	Beige Brown-VY LT
›	356	Terra Cotta-MD	3772	Desert Sand-VY DK
←	535	Ash Gray-VY LT	844	Beaver Brown-UL DK
✕	535	Ash Gray-VY LT	3799	Pewter Gray-VY DK
▮	535	Ash Gray-VY LT	3787	Brown Gray-DK
✿	640	Beige Gray-VY DK	645	Beaver Gray-VY DK
✿	3860	Cocoa	3726	Antique Mauve-DK
↘	3032	Mocha Brown-MD	3863	Mocha Beige-MD
●	3032	Mocha Brown-MD	3772	Desert Sand-VY DK
●	3031	Mocha Brown-VY DK	3799	Pewter Gray-VY DK
✕	451	Shell Gray-DK	646	Beaver Gray-DK
✕	839	Beige Brown-DK	3863	Mocha Beige-MD
✕	420	Hazelnut Brown-DK	3863	Mocha Beige-MD
✿	844	Beaver Brown-UL DK	3031	Mocha Brown-VY DK
6	739	Tan-UL VY LT	950	Desert Sand-LT
⌈	647	Beaver Gray-MD	3861	Cocoa-LT
⌈	738	Tan-VY LT	842	Beige Brown-VY LT
⊕	632	Desert Sand-UL VY DK	3772	Desert Sand-VY DK
⊕	3772	Desert Sand-VY DK	3863	Mocha Beige-MD

∞	407	Desert Sand-DK	612	Drab Brown-LT
⬆	3721	Shell Pink-DK	356	Terra Cotta-MD
♣	646	Beaver Gray-DK	3860	Cocoa
⦿	840	Beige Brown-MD	3790	Beige Gray-UL DK
⦿	840	Beige Brown-MD	3863	Mocha Beige-MD
n	746	Off White	3823	Yellow-UL Pale
m	738	Tan-VY LT	3782	Mocha Brown-LT
☾	610	Drab Brown-DK	3790	Beige Gray-UL DK
♣	632	Desert Sand-UL VY DK	3863	Mocha Beige-MD
◀	645	Beaver Gray-VY DK	3787	Brown Gray-DK
✱	645	Beaver Gray-VY DK	3860	Cocoa
☒	3863	Mocha Beige-MD	451	Shell Gray-DK
☾	645	Beaver Gray-VY DK	413	Pewter Gray-DK
✕	645	Beaver Gray-VY DK	451	Shell Gray-DK
τ	451	Shell Gray-DK	841	Beige Brown-LT
✓	3782	Mocha Brown-LT	841	Beige Brown-LT
▲	535	Ash Gray-VY LT	451	Shell Gray-DK
⋮	640	Beige Gray-VY DK	646	Beaver Gray-DK
♣	3021	Brown Gray-VY DK	839	Beige Brown-DK
✕	3021	Brown Gray-VY DK	3787	Brown Gray-DK
♣	3781	Mocha Brown-DK	839	Beige Brown-DK
✂	420	Hazelnut Brown-DK	3772	Desert Sand-VY DK
✂	420	Hazelnut Brown-DK	3860	Cocoa
♣	370	Mustard-MD	3772	Desert Sand-VY DK
♣	356	Terra Cotta-MD	370	Mustard-MD
♣	3860	Cocoa	632	Desert Sand-UL VY DK
⦿	612	Drab Brown-LT	3859	Rosewood-LT
α	945	Tawny	842	Beige Brown-VY LT
☒	758	Terra Cotta-VY LT	842	Beige Brown-VY LT
▷	3774	Desert Sand-VY LT	951	Tawny-LT
↓	3781	Mocha Brown-DK	3787	Brown Gray-DK
✂	738	Tan-VY LT	3064	Desert Sand
✂	370	Mustard-MD	3859	Rosewood-LT
➔	3021	Brown Gray-VY DK	610	Drab Brown-DK
::	758	Terra Cotta-VY LT	3864	Mocha Beige-LT
△	822	Beige Gray-LT	950	Desert Sand-LT
#	3861	Cocoa-LT	407	Desert Sand-DK
◇	370	Mustard-MD	223	Shell Pink-LT
♣	632	Desert Sand-UL VY DK	3862	Mocha Beige-DK
⦿	451	Shell Gray-DK	223	Shell Pink-LT
♣	3733	Dusty Rose	224	Shell Pink-VY LT
♣	632	Desert Sand-UL VY DK	3858	Rosewood-MD
=	754	Peach-LT	3774	Desert Sand-VY LT
♣	3726	Antique Mauve-DK	3032	Mocha Brown-MD
◀	451	Shell Gray-DK	840	Beige Brown-MD
↑	3770	Tawny-VY LT	225	Shell Pink-UL VY LT
♣	761	Salmon-LT	3713	Salmon-VY LT
=	420	Hazelnut Brown-DK	3721	Shell Pink-DK
★	420	Hazelnut Brown-DK	3830	Terra Cotta-MD
⌒	407	Desert Sand-DK	3712	Salmon-MD
↘	3859	Rosewood-LT	3712	Salmon-MD
♣	758	Terra Cotta-VY LT	3712	Salmon-MD
∅	822	Beige Gray-LT	761	Salmon-LT
♣	420	Hazelnut Brown-DK	3790	Beige Gray-UL DK
ε	3823	Yellow-UL Pale	948	Peach-VY LT
☒	738	Tan-VY LT	224	Shell Pink-VY LT
≡	3032	Mocha Brown-MD	370	Mustard-MD
l	951	Tawny-LT	3823	Yellow-UL Pale
⦿	452	Shell Gray-MD	738	Tan-VY LT

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⌘	420	Hazelnut Brown-DK	840	Beige Brown-MD
⌘	356	Terra Cotta-MD	3722	Shell Pink-MD
⌘	3712	Salmon-MD	356	Terra Cotta-MD
∨	3864	Mocha Beige-LT	3712	Salmon-MD
✱	3740	Antique Violet-DK	535	Ash Gray-VY LT
⌘	535	Ash Gray-VY LT	317	Pewter Gray
⌘	535	Ash Gray-VY LT	3858	Rosewood-MD
❖	451	Shell Gray-DK	3740	Antique Violet-DK
⌘	3861	Cocoa-LT	414	Steel Gray-DK
⌘	3041	Antique Violet-MD	414	Steel Gray-DK
▲	317	Pewter Gray	3041	Antique Violet-MD
◊	3756	Baby Blue-UL VY LT	819	Baby Pink-LT
∨	3072	Beaver Gray-VY LT	225	Shell Pink-UL VY LT
✱	317	Pewter Gray	645	Beaver Gray-VY DK
⌘	3740	Antique Violet-DK	317	Pewter Gray
⌘	535	Ash Gray-VY LT	839	Beige Brown-DK
✕	612	Drab Brown-LT	841	Beige Brown-LT
⌘	414	Steel Gray-DK	451	Shell Gray-DK
⌘	535	Ash Gray-VY LT	3031	Mocha Brown-VY DK
⌘	842	Beige Brown-VY LT	452	Shell Gray-MD
z	223	Shell Pink-LT	3863	Mocha Beige-MD
■	844	Beaver Brown-UL DK	310	Black
●	535	Ash Gray-VY LT	310	Black

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	52	20	50	19	45	17
224	Shell Pink-VY LT	31	12	30	11	27	10
225	Shell Pink-UL VY LT	39	15	37	14	33	12
310	Black	154	60	147	57	132	51
317	Pewter Gray	92	36	88	34	79	31
356	Terra Cotta-MD	17	6	16	6	14	5
370	Mustard-MD	67	26	64	25	57	22
407	Desert Sand-DK	62	24	59	23	53	20
413	Pewter Gray-DK	74	29	70	27	63	24
414	Steel Gray-DK	80	31	76	29	68	26
415	Pearl Gray	5	1	5	1	5	1
420	Hazelnut Brown-DK	100	39	95	37	86	33
451	Shell Gray-DK	531	209	505	198	455	179
452	Shell Gray-MD	223	87	213	83	191	75
453	Shell Gray-LT	58	22	55	21	49	19
535	Ash Gray-VY LT	1560	614	1486	585	1337	526
610	Drab Brown-DK	160	62	152	59	137	53
612	Drab Brown-LT	71	27	67	26	60	23
632	Desert Sand-UL VY DK	110	43	105	41	94	37
640	Beige Gray-VY DK	161	63	153	60	138	54
644	Beige Gray-MD	4	1	4	1	3	1
645	Beaver Gray-VY DK	916	360	872	343	785	309
646	Beaver Gray-DK	153	60	146	57	131	51
647	Beaver Gray-MD	34	13	33	12	29	11
648	Beaver Gray-LT	14	5	14	5	12	4
712	Cream	2	1	2	1	1	1
738	Tan-VY LT	238	93	226	88	204	80
739	Tan-UL VY LT	143	56	136	53	123	48
746	Off White	68	26	64	25	58	22
754	Peach-LT	23	9	22	8	20	7
758	Terra Cotta-VY LT	47	18	44	17	40	15
761	Salmon-LT	15	5	14	5	13	5
762	Pearl Gray-VY LT	33	12	32	12	29	11
778	Antique Mauve-VY LT	6	2	5	1	5	1
819	Baby Pink-LT	62	24	59	23	53	20
822	Beige Gray-LT	115	45	109	42	98	38
839	Beige Brown-DK	757	298	721	283	649	255
840	Beige Brown-MD	297	116	283	111	254	100
841	Beige Brown-LT	248	97	236	92	212	83
842	Beige Brown-VY LT	233	91	222	87	200	78
844	Beaver Brown-UL DK	1522	599	1449	570	1304	513
927	Gray Green-LT	20	7	19	7	17	6
928	Gray Green-VY LT	12	4	12	4	11	4
934	Black Avocado Green	10	3	10	3	9	3
945	Tawny	46	18	44	17	40	15
948	Peach-VY LT	104	40	99	38	89	35
950	Desert Sand-LT	190	74	181	71	163	64
951	Tawny-LT	134	52	128	50	115	45
3021	Brown Gray-VY DK	563	221	536	211	482	189
3022	Brown Gray-MD	29	11	28	11	25	9
3024	Brown Gray-VY LT	17	6	16	6	15	5
3031	Mocha Brown-VY DK	806	317	768	302	691	272
3032	Mocha Brown-MD	176	69	168	66	151	59
3033	Mocha Brown-VY LT	19	7	18	7	16	6

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3041	Antique Violet-MD	101	39	97	38	87	34
3064	Desert Sand	53	20	51	20	45	17
3072	Beaver Gray-VY LT	58	22	55	21	50	19
3354	Dusty Rose-LT	1	1	1	1	1	1
3712	Salmon-MD	8	3	8	3	7	2
3713	Salmon-VY LT	49	19	47	18	42	16
3721	Shell Pink-DK	5	1	5	1	4	1
3722	Shell Pink-MD	0	1	0	1	0	1
3726	Antique Mauve-DK	21	8	20	7	18	7
3733	Dusty Rose	16	6	15	5	13	5
3740	Antique Violet-DK	288	113	275	108	247	97
3743	Antique Violet-VY LT	32	12	30	11	27	10
3753	Antique Blue-UL VY LT	2	1	2	1	1	1
3756	Baby Blue-UL VY LT	33	12	31	12	28	11
3770	Tawny-VY LT	82	32	78	30	70	27
3772	Desert Sand-VY DK	120	47	114	44	103	40
3774	Desert Sand-VY LT	143	56	136	53	122	48
3778	Terra Cotta-LT	0	1	0	1	0	1
3779	Terra Cotta-UL VY LT	23	9	22	8	19	7
3781	Mocha Brown-DK	48	18	45	17	41	16
3782	Mocha Brown-LT	132	51	126	49	113	44
3787	Brown Gray-DK	1582	622	1507	593	1356	533
3790	Beige Gray-UL DK	323	127	308	121	277	109
3799	Pewter Gray-VY DK	399	157	380	149	342	134
3823	Yellow-UL Pale	142	55	135	53	121	47
3830	Terra Cotta-MD	0	1	0	1	0	1
3858	Rosewood-MD	41	16	39	15	35	13
3859	Rosewood-LT	34	13	32	12	29	11
3860	Cocoa	286	112	273	107	245	96
3861	Cocoa-LT	77	30	73	28	66	25
3862	Mocha Beige-DK	51	20	49	19	44	17
3863	Mocha Beige-MD	372	146	354	139	319	125
3864	Mocha Beige-LT	280	110	266	104	240	94
3865	Winter White	18	7	17	6	15	5
Ecru	Ecru	5	1	4	1	4	1

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	81	31	68	26	34	13
224	Shell Pink-VY LT	49	18	41	15	20	8
225	Shell Pink-UL VY LT	59	22	50	18	25	9
310	Black	238	92	198	77	99	38
317	Pewter Gray	142	56	119	47	59	23
356	Terra Cotta-MD	25	9	21	8	11	4
370	Mustard-MD	103	40	86	33	43	17
407	Desert Sand-DK	95	36	80	30	40	15
413	Pewter Gray-DK	113	43	95	36	47	18
414	Steel Gray-DK	122	47	102	39	51	20
415	Pearl Gray	9	2	8	2	4	1
420	Hazelnut Brown-DK	155	59	129	50	65	25
451	Shell Gray-DK	819	322	683	269	341	134
452	Shell Gray-MD	344	135	287	113	143	56
453	Shell Gray-LT	88	34	74	29	37	14
535	Ash Gray-VY LT	2407	947	2006	789	1003	395
610	Drab Brown-DK	247	95	206	80	103	40

612	Drab Brown-LT	108	41	90	35	45	17
632	Desert Sand-UL VY DK	169	67	141	56	71	28
640	Beige Gray-VY DK	248	97	207	81	104	41
644	Beige Gray-MD	5	2	5	2	2	1
645	Beaver Gray-VY DK	1413	556	1178	464	589	232
646	Beaver Gray-DK	236	92	197	77	98	38
647	Beaver Gray-MD	52	20	44	17	22	8
648	Beaver Gray-LT	22	7	18	6	9	3
712	Cream	2	2	2	2	1	1
738	Tan-VY LT	367	144	306	120	153	60
739	Tan-UL VY LT	221	86	185	72	92	36
746	Off White	104	40	87	33	44	17
754	Peach-LT	36	13	30	11	15	5
758	Terra Cotta-VY LT	72	27	60	23	30	11
761	Salmon-LT	23	9	20	8	10	4
762	Pearl Gray-VY LT	52	20	44	17	22	8
778	Antique Mauve-VY LT	9	2	8	2	4	1
819	Baby Pink-LT	95	36	80	30	40	15
822	Beige Gray-LT	176	68	147	57	74	29
839	Beige Brown-DK	1168	459	974	383	487	191
840	Beige Brown-MD	457	180	381	150	191	75
841	Beige Brown-LT	382	149	318	125	159	62
842	Beige Brown-VY LT	360	140	300	117	150	59
844	Beaver Brown-UL DK	2347	923	1956	770	978	385
927	Gray Green-LT	31	11	26	9	13	5
928	Gray Green-VY LT	20	7	17	6	8	3
934	Black Avocado Green	16	5	14	5	7	2
945	Tawny	72	27	60	23	30	11
948	Peach-VY LT	160	63	134	53	67	26
950	Desert Sand-LT	293	115	245	96	122	48
951	Tawny-LT	207	81	173	68	86	34
3021	Brown Gray-VY DK	868	340	723	284	362	142
3022	Brown Gray-MD	45	16	38	14	19	7
3024	Brown Gray-VY LT	27	9	23	8	11	4
3031	Mocha Brown-VY DK	1244	490	1037	408	518	204
3032	Mocha Brown-MD	272	106	227	89	113	44
3033	Mocha Brown-VY LT	29	11	24	9	12	5
3041	Antique Violet-MD	157	61	131	51	65	26
3064	Desert Sand	81	31	68	26	34	13
3072	Beaver Gray-VY LT	90	34	75	29	38	14
3354	Dusty Rose-LT	2	2	2	2	1	1
3712	Salmon-MD	13	4	11	3	5	2
3713	Salmon-VY LT	76	29	63	24	32	12
3721	Shell Pink-DK	7	2	6	2	3	1
3722	Shell Pink-MD	0	2	0	2	0	1
3726	Antique Mauve-DK	32	13	27	11	14	5
3733	Dusty Rose	23	9	20	8	10	4
3740	Antique Violet-DK	445	175	371	146	185	73
3743	Antique Violet-VY LT	49	18	41	15	20	8
3753	Antique Blue-UL VY LT	2	2	2	2	1	1
3756	Baby Blue-UL VY LT	50	20	42	17	21	8
3770	Tawny-VY LT	126	49	105	41	53	20
3772	Desert Sand-VY DK	185	72	155	60	77	30
3774	Desert Sand-VY LT	220	86	183	72	92	36
3778	Terra Cotta-LT	0	2	0	2	0	1
3779	Terra Cotta-UL VY LT	34	13	29	11	14	5
3781	Mocha Brown-DK	74	29	62	24	31	12
3782	Mocha Brown-LT	203	79	170	66	85	33
3787	Brown Gray-DK	2441	959	2034	800	1017	400

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3790	Beige Gray-UL DK	499	196	416	164	208	82
3799	Pewter Gray-VY DK	616	241	513	201	257	101
3823	Yellow-UL Pale	218	85	182	71	91	35
3830	Terra Cotta-MD	0	2	0	2	0	1
3858	Rosewood-MD	63	23	53	20	26	10
3859	Rosewood-LT	52	20	44	17	22	8
3860	Cocoa	441	173	368	144	184	72
3861	Cocoa-LT	119	45	99	38	50	19
3862	Mocha Beige-DK	79	31	66	26	33	13
3863	Mocha Beige-MD	574	225	479	188	239	94
3864	Mocha Beige-LT	432	169	360	141	180	71
3865	Winter White	27	9	23	8	11	4
Ecru	Ecru	7	2	6	2	3	1

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	32	12	31	12	30	11
224	Shell Pink-VY LT	19	7	19	7	18	7
225	Shell Pink-UL VY LT	24	9	23	8	22	8
310	Black	95	37	91	35	88	34
317	Pewter Gray	57	22	55	21	53	21
356	Terra Cotta-MD	10	4	10	3	9	3
370	Mustard-MD	41	16	39	15	38	15
407	Desert Sand-DK	38	14	37	14	35	13
413	Pewter Gray-DK	45	17	44	17	42	16
414	Steel Gray-DK	49	19	47	18	45	17
415	Pearl Gray	4	1	3	1	3	1
420	Hazelnut Brown-DK	62	24	60	23	57	22
451	Shell Gray-DK	328	129	315	124	303	119
452	Shell Gray-MD	138	54	132	52	127	50
453	Shell Gray-LT	35	14	34	13	33	13
535	Ash Gray-VY LT	963	379	926	364	891	351
610	Drab Brown-DK	99	38	95	37	91	35
612	Drab Brown-LT	43	17	42	16	40	15
632	Desert Sand-UL VY DK	68	27	65	26	63	25
640	Beige Gray-VY DK	99	39	96	37	92	36
644	Beige Gray-MD	2	1	2	1	2	1
645	Beaver Gray-VY DK	565	222	543	214	523	206
646	Beaver Gray-DK	94	37	91	35	87	34
647	Beaver Gray-MD	21	8	20	8	19	7
648	Beaver Gray-LT	9	3	8	3	8	3
712	Cream	1	1	1	1	1	1
738	Tan-VY LT	147	58	141	55	136	53
739	Tan-UL VY LT	89	35	85	33	82	32
746	Off White	42	16	40	15	39	15
754	Peach-LT	14	5	14	5	13	5
758	Terra Cotta-VY LT	29	11	28	10	27	10
761	Salmon-LT	9	4	9	3	9	3
762	Pearl Gray-VY LT	21	8	20	8	19	7
778	Antique Mauve-VY LT	4	1	3	1	3	1
819	Baby Pink-LT	38	14	37	14	35	13
822	Beige Gray-LT	71	27	68	26	65	25
839	Beige Brown-DK	467	184	449	177	433	170
840	Beige Brown-MD	183	72	176	69	169	67
841	Beige Brown-LT	153	60	147	57	141	55

842	Beige Brown-VY LT	144	56	138	54	133	52
844	Beaver Brown-UL DK	939	369	903	355	869	342
927	Gray Green-LT	12	4	12	4	11	4
928	Gray Green-VY LT	8	3	8	3	7	3
934	Black Avocado Green	6	2	6	2	6	2
945	Tawny	29	11	28	10	27	10
948	Peach-VY LT	64	25	62	24	59	23
950	Desert Sand-LT	117	46	113	44	109	43
951	Tawny-LT	83	32	80	31	77	30
3021	Brown Gray-VY DK	347	136	334	131	321	126
3022	Brown Gray-MD	18	6	17	6	17	6
3024	Brown Gray-VY LT	11	4	10	3	10	3
3031	Mocha Brown-VY DK	498	196	478	188	461	181
3032	Mocha Brown-MD	109	42	105	41	101	39
3033	Mocha Brown-VY LT	12	4	11	4	11	4
3041	Antique Violet-MD	63	24	60	24	58	23
3064	Desert Sand	32	12	31	12	30	11
3072	Beaver Gray-VY LT	36	14	35	13	33	13
3354	Dusty Rose-LT	1	1	1	1	1	1
3712	Salmon-MD	5	1	5	1	5	1
3713	Salmon-VY LT	30	12	29	11	28	11
3721	Shell Pink-DK	3	1	3	1	3	1
3722	Shell Pink-MD	0	1	0	1	0	1
3726	Antique Mauve-DK	13	5	12	5	12	5
3733	Dusty Rose	9	4	9	3	9	3
3740	Antique Violet-DK	178	70	171	67	165	65
3743	Antique Violet-VY LT	19	7	19	7	18	7
3753	Antique Blue-UL VY LT	1	1	1	1	1	1
3756	Baby Blue-UL VY LT	20	8	19	8	19	7
3770	Tawny-VY LT	50	19	48	19	47	18
3772	Desert Sand-VY DK	74	29	71	28	69	27
3774	Desert Sand-VY LT	88	35	84	33	81	32
3778	Terra Cotta-LT	0	1	0	1	0	1
3779	Terra Cotta-UL VY LT	14	5	13	5	13	5
3781	Mocha Brown-DK	30	12	28	11	27	11
3782	Mocha Brown-LT	81	32	78	30	75	29
3787	Brown Gray-DK	976	384	939	369	904	355
3790	Beige Gray-UL DK	199	78	192	75	185	73
3799	Pewter Gray-VY DK	246	96	237	93	228	89
3823	Yellow-UL Pale	87	34	84	33	81	31
3830	Terra Cotta-MD	0	1	0	1	0	1
3858	Rosewood-MD	25	9	24	9	23	9
3859	Rosewood-LT	21	8	20	8	19	7
3860	Cocoa	176	69	170	66	163	64
3861	Cocoa-LT	48	18	46	17	44	17
3862	Mocha Beige-DK	32	12	30	12	29	11
3863	Mocha Beige-MD	230	90	221	87	213	83
3864	Mocha Beige-LT	173	68	166	65	160	63
3865	Winter White	11	4	10	3	10	3
Ecru	Ecru	3	1	3	1	3	1

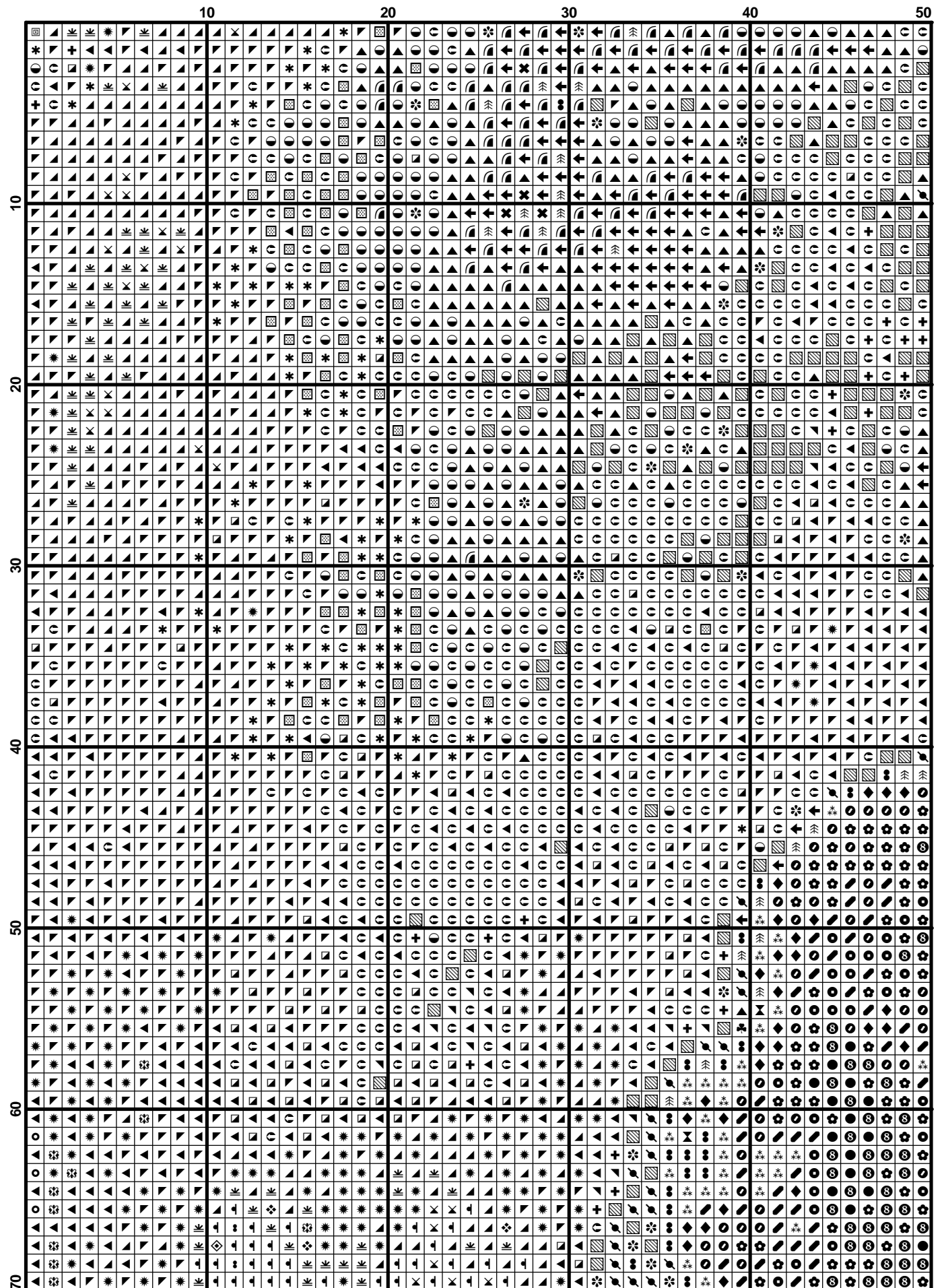
Extended thread usage table.

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
223	Shell Pink-LT	29	11	27	10	25	10
224	Shell Pink-VY LT	17	6	16	6	15	6
225	Shell Pink-UL VY LT	21	8	20	7	19	7
310	Black	85	33	79	31	74	29
317	Pewter Gray	51	20	47	19	44	17
356	Terra Cotta-MD	9	3	8	3	8	3
370	Mustard-MD	37	14	34	13	32	12
407	Desert Sand-DK	34	13	32	12	30	11
413	Pewter Gray-DK	41	15	38	14	35	14
414	Steel Gray-DK	44	17	41	16	38	15
415	Pearl Gray	3	1	3	1	3	1
420	Hazelnut Brown-DK	55	21	52	20	48	19
451	Shell Gray-DK	293	115	273	107	256	101
452	Shell Gray-MD	123	48	115	45	107	42
453	Shell Gray-LT	32	12	29	11	28	11
535	Ash Gray-VY LT	860	338	802	316	752	296
610	Drab Brown-DK	88	34	82	32	77	30
612	Drab Brown-LT	39	15	36	14	34	13
632	Desert Sand-UL VY DK	60	24	56	22	53	21
640	Beige Gray-VY DK	89	35	83	32	78	30
644	Beige Gray-MD	2	1	2	1	2	1
645	Beaver Gray-VY DK	505	199	471	185	442	174
646	Beaver Gray-DK	84	33	79	31	74	29
647	Beaver Gray-MD	19	7	17	7	16	6
648	Beaver Gray-LT	8	3	7	2	7	2
712	Cream	1	1	1	1	1	1
738	Tan-VY LT	131	51	122	48	115	45
739	Tan-UL VY LT	79	31	74	29	69	27
746	Off White	37	14	35	13	33	12
754	Peach-LT	13	5	12	4	11	4
758	Terra Cotta-VY LT	26	10	24	9	23	8
761	Salmon-LT	8	3	8	3	7	3
762	Pearl Gray-VY LT	19	7	17	7	16	6
778	Antique Mauve-VY LT	3	1	3	1	3	1
819	Baby Pink-LT	34	13	32	12	30	11
822	Beige Gray-LT	63	24	59	23	55	21
839	Beige Brown-DK	417	164	389	153	365	143
840	Beige Brown-MD	163	64	152	60	143	56
841	Beige Brown-LT	136	53	127	50	119	47
842	Beige Brown-VY LT	129	50	120	47	113	44
844	Beaver Brown-UL DK	838	330	782	308	734	289
927	Gray Green-LT	11	4	10	4	10	3
928	Gray Green-VY LT	7	3	7	2	6	2
934	Black Avocado Green	6	2	5	2	5	2
945	Tawny	26	10	24	9	23	8
948	Peach-VY LT	57	23	53	21	50	20
950	Desert Sand-LT	105	41	98	38	92	36
951	Tawny-LT	74	29	69	27	65	25
3021	Brown Gray-VY DK	310	122	289	113	271	106
3022	Brown Gray-MD	16	6	15	5	14	5
3024	Brown Gray-VY LT	10	3	9	3	8	3
3031	Mocha Brown-VY DK	444	175	415	163	389	153
3032	Mocha Brown-MD	97	38	91	35	85	33
3033	Mocha Brown-VY LT	10	4	10	4	9	3

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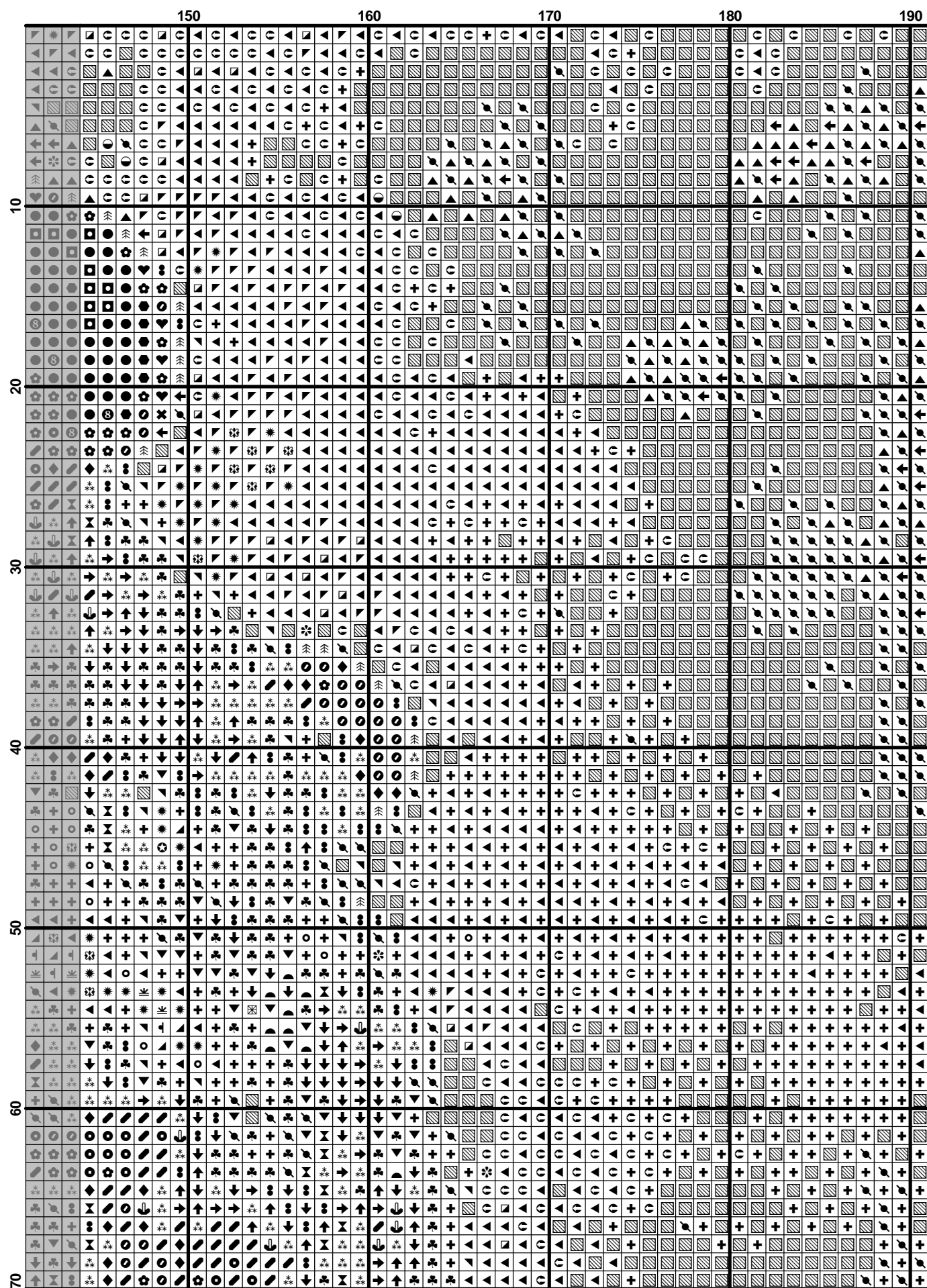
3041	Antique Violet-MD	56	22	52	20	49	19
3064	Desert Sand	29	11	27	10	25	10
3072	Beaver Gray-VY LT	32	12	30	11	28	11
3354	Dusty Rose-LT	1	1	1	1	1	1
3712	Salmon-MD	5	1	4	1	4	1
3713	Salmon-VY LT	27	10	25	10	24	9
3721	Shell Pink-DK	3	1	2	1	2	1
3722	Shell Pink-MD	0	1	0	1	0	1
3726	Antique Mauve-DK	12	5	11	4	10	4
3733	Dusty Rose	8	3	8	3	7	3
3740	Antique Violet-DK	159	62	148	58	139	55
3743	Antique Violet-VY LT	17	6	16	6	15	6
3753	Antique Blue-UL VY LT	1	1	1	1	1	1
3756	Baby Blue-UL VY LT	18	7	17	7	16	6
3770	Tawny-VY LT	45	17	42	16	39	15
3772	Desert Sand-VY DK	66	26	62	24	58	23
3774	Desert Sand-VY LT	78	31	73	29	69	27
3778	Terra Cotta-LT	0	1	0	1	0	1
3779	Terra Cotta-UL VY LT	12	5	11	4	11	4
3781	Mocha Brown-DK	26	10	25	10	23	9
3782	Mocha Brown-LT	73	28	68	26	64	25
3787	Brown Gray-DK	872	343	814	320	763	300
3790	Beige Gray-UL DK	178	70	166	65	156	61
3799	Pewter Gray-VY DK	220	86	205	80	192	75
3823	Yellow-UL Pale	78	30	73	28	68	26
3830	Terra Cotta-MD	0	1	0	1	0	1
3858	Rosewood-MD	23	8	21	8	20	7
3859	Rosewood-LT	19	7	17	7	16	6
3860	Cocoa	158	62	147	58	138	54
3861	Cocoa-LT	42	16	40	15	37	14
3862	Mocha Beige-DK	28	11	26	10	25	10
3863	Mocha Beige-MD	205	80	191	75	179	70
3864	Mocha Beige-LT	154	60	144	56	135	53
3865	Winter White	10	3	9	3	8	3
Ecru	Ecru	3	1	2	1	2	1

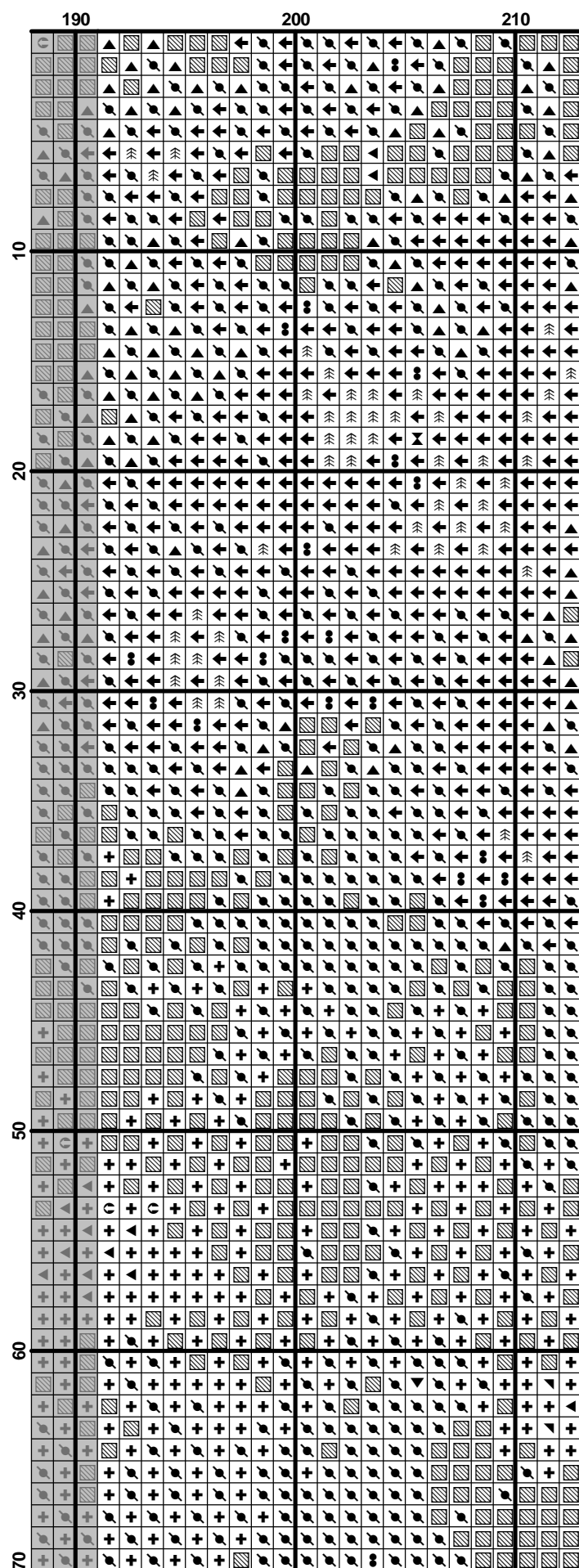


	50	60	70	80	90
10					
20					
30					
40					
50					
60					
70					



	100	110	120	130	140
10	...	...	...	...	...
20	...	...	...	...	...
30	...	...	...	...	...
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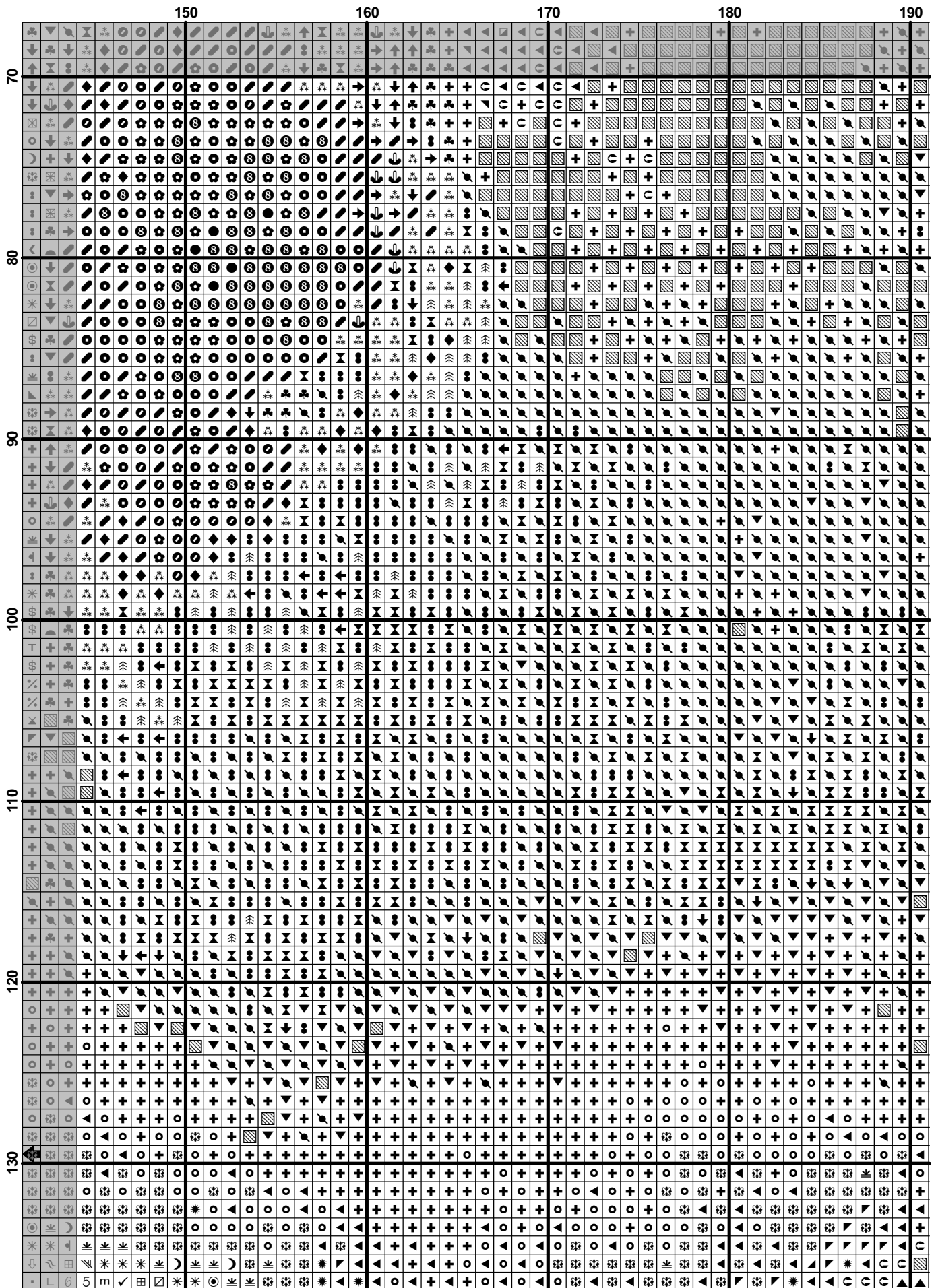


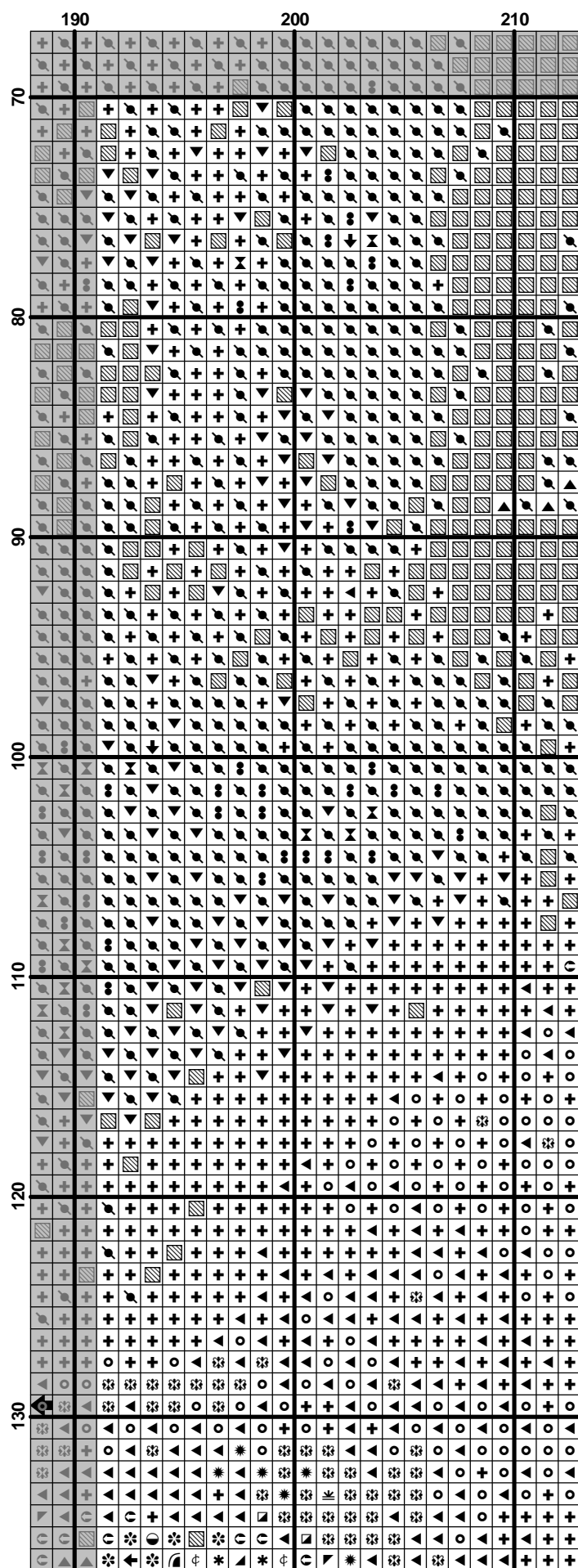


[illegible]

$$(12) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} g(s) ds + \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} h(s) ds$$

[illegible]





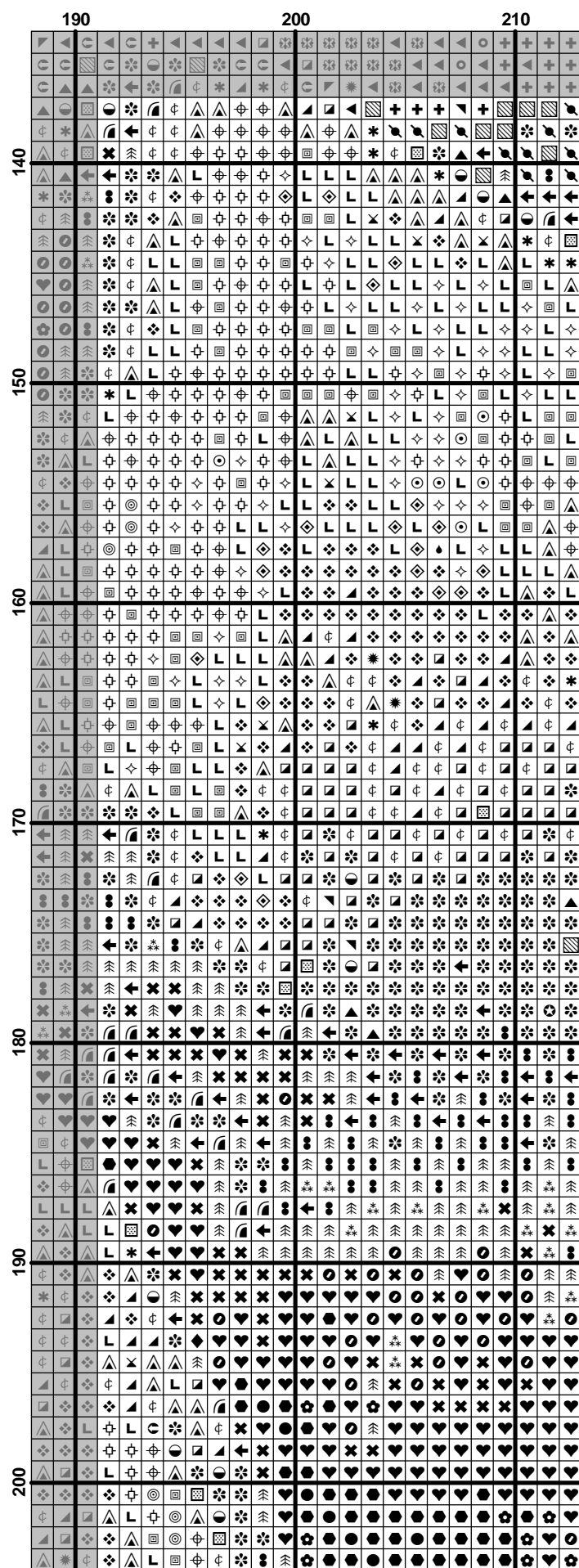


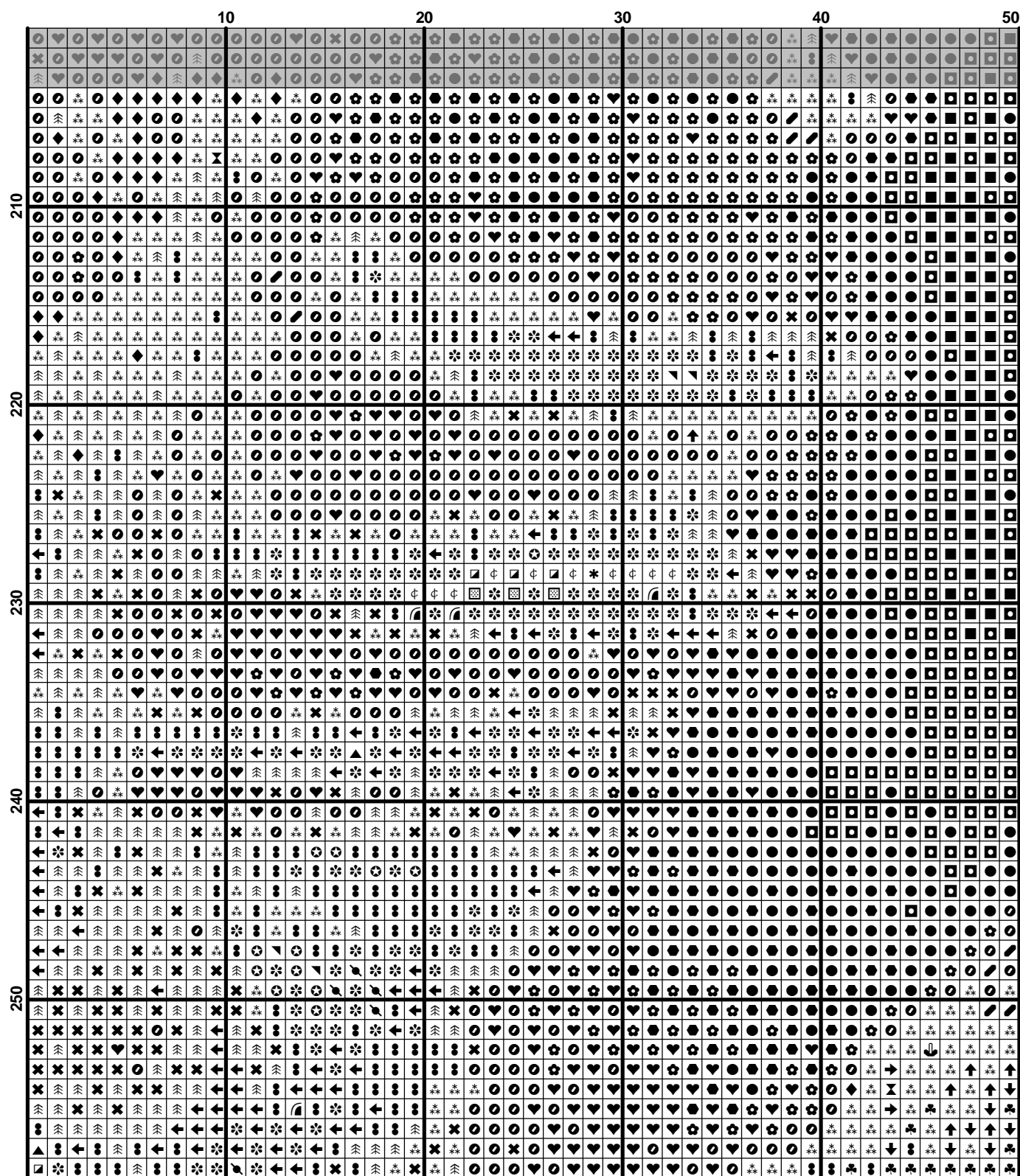
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141	+	+	+	+	+
142	+	+	+	+	+
143	+	+	+	+	+
144	+	+	+	+	+
145	+	+	+	+	+
146	+	+	+	+	+
147	+	+	+	+	+
148	+	+	+	+	+
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197	+	+	+	+	+
198	+	+	+	+	+
199	+	+	+	+	+
200	+	+	+	+	+

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

$$(18) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left( \sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

[illegible]





	50	60	70	80	90
210					
220					
230					
240					
250					

[illegible]



[illegible]

