

614 Joan of Arc



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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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Joan of Arc

Stitch Count	
Horizontal:	200
Vertical:	200

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:	36	14.14	36	14.14	32	12.37	32	12.37	28	11	28	11
Including Margins:	52	21	52	21	48	19	48	19	44	18	44	18
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	50	19.79	50	19.79	42	16.49	42	16.49	21	8.24	21	8.24
Including Margins:	66	26	66	26	58	23	58	23	37	15	37	15
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	20	7.91	20	7.91	19	7.61	19	7.61	18	7.33	18	7.33
Including Margins:	36	14	36	14	35	14	35	14	34	14	34	14
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	18	7.07	18	7.07	16	6.59	16	6.59	15	6.18	15	6.18
Including Margins:	34	14	34	14	32	13	32	13	31	13	31	13

Solid Color Stitches. Use two strands of the specified color for these stitches.		
Symbol	DMC	Name
	301	Mahogany-MD
	356	Terra Cotta-MD
	370	Mustard-MD
	371	Mustard
	402	Mahogany-VY LT
	420	Hazelnut Brown-DK
	422	Hazelnut Brown-LT
	435	Brown-VY LT
	436	Tan
	437	Tan-LT
	610	Drab Brown-DK
	611	Drab Brown
	612	Drab Brown-LT
	632	Desert Sand-UL VY DK
	640	Beige Gray-VY DK
	644	Beige Gray-MD
	676	Old Gold-LT
	677	Old Gold-VY LT
	712	Cream
	725	Topaz
	729	Old Gold-MD
	738	Tan-VY LT
	739	Tan-UL VY LT
	830	Golden Olive-DK
	838	Beige Brown-VY DK
	839	Beige Brown-DK
	840	Beige Brown-MD

	841	Beige Brown-LT
	869	Hazelnut Brown-VY DK
	945	Tawny
	975	Golden Brown-DK
	977	Golden Brown-LT
	3021	Brown Gray-VY DK
	3031	Mocha Brown-VY DK
	3045	Yellow Beige-DK
	3047	Yellow Beige-LT
	3053	Green Gray
	3712	Salmon-MD
	3721	Shell Pink-DK
	3772	Desert Sand-VY DK
	3773	Desert Sand-MD
	3776	Mahogany-LT
	3778	Terra Cotta-LT
	3781	Mocha Brown-DK
	3820	Straw-DK
	3822	Straw-LT
	3823	Yellow-UL Pale
	3825	Pumpkin-Pale
	3826	Golden Brown
	3827	Golden Brown-Pale
	3828	Hazelnut Brown
	3829	Old Gold-VY DK
	3830	Terra Cotta-MD
	3855	Autumn Gold-LT
	3856	Mahogany-UL VY LT
	3862	Mocha Beige-DK
	3864	Mocha Beige-LT

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

Symbol	DMC1	Name1	DMC2	Name2
⌘	356	Terra Cotta-MD	3778	Terra Cotta-LT
☉	729	Old Gold-MD	782	Topaz-DK
☺	677	Old Gold-VY LT	738	Tan-VY LT
☼	3855	Autumn Gold-LT	3856	Mahogany-UL VY LT
⌘	739	Tan-UL VY LT	677	Old Gold-VY LT
☼	977	Golden Brown-LT	3827	Golden Brown-Pale
☉	356	Terra Cotta-MD	3828	Hazelnut Brown
☼	3856	Mahogany-UL VY LT	437	Tan-LT
☉	610	Drab Brown-DK	3346	Hunter Green
☉	632	Desert Sand-UL VY DK	221	Shell Pink-VY DK
➔	640	Beige Gray-VY DK	610	Drab Brown-DK
➔	640	Beige Gray-VY DK	632	Desert Sand-UL VY DK
☉	610	Drab Brown-DK	839	Beige Brown-DK
☼	3778	Terra Cotta-LT	402	Mahogany-VY LT
☼	436	Tan	3776	Mahogany-LT
☉	676	Old Gold-LT	422	Hazelnut Brown-LT
☉	420	Hazelnut Brown-DK	370	Mustard-MD
☼	3828	Hazelnut Brown	977	Golden Brown-LT
☼	3712	Salmon-MD	977	Golden Brown-LT
☼	3776	Mahogany-LT	3830	Terra Cotta-MD
☉	977	Golden Brown-LT	3776	Mahogany-LT
☼	3045	Yellow Beige-DK	422	Hazelnut Brown-LT
☼	725	Topaz	977	Golden Brown-LT
☉	436	Tan	301	Mahogany-MD
☉	435	Brown-VY LT	3828	Hazelnut Brown
☼	3047	Yellow Beige-LT	822	Beige Gray-LT
☼	3823	Yellow-UL Pale	3047	Yellow Beige-LT
☼	3823	Yellow-UL Pale	822	Beige Gray-LT
☼	3047	Yellow Beige-LT	739	Tan-UL VY LT
☼	3855	Autumn Gold-LT	677	Old Gold-VY LT
☼	3855	Autumn Gold-LT	3046	Yellow Beige-MD
☼	3855	Autumn Gold-LT	739	Tan-UL VY LT
☼	3778	Terra Cotta-LT	3825	Pumpkin-Pale
☼	3825	Pumpkin-Pale	3856	Mahogany-UL VY LT
☼	3827	Golden Brown-Pale	676	Old Gold-LT
☼	3772	Desert Sand-VY DK	3830	Terra Cotta-MD
☼	3830	Terra Cotta-MD	3721	Shell Pink-DK
☼	420	Hazelnut Brown-DK	3721	Shell Pink-DK

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	26	10	25	9	22	8
301	Mahogany-MD	114	44	109	42	98	38
356	Terra Cotta-MD	246	96	234	92	211	83
370	Mustard-MD	211	83	201	79	181	71
371	Mustard	45	17	43	16	39	15
402	Mahogany-VY LT	141	55	135	53	121	47
420	Hazelnut Brown-DK	340	133	324	127	291	114
422	Hazelnut Brown-LT	149	58	141	55	127	50
435	Brown-VY LT	267	105	254	100	228	89
436	Tan	403	158	383	150	345	135
437	Tan-LT	183	72	174	68	157	61
610	Drab Brown-DK	857	337	817	321	735	289
611	Drab Brown	143	56	137	53	123	48
612	Drab Brown-LT	88	34	84	33	76	29
632	Desert Sand-UL VY DK	349	137	332	130	299	117
640	Beige Gray-VY DK	178	70	169	66	152	59
644	Beige Gray-MD	23	9	22	8	20	7
676	Old Gold-LT	134	52	127	50	115	45
677	Old Gold-VY LT	304	119	290	114	261	102
712	Cream	12	4	11	4	10	3
725	Topaz	103	40	98	38	88	34
729	Old Gold-MD	325	127	310	122	279	109
738	Tan-VY LT	139	54	133	52	119	46
739	Tan-UL VY LT	236	92	225	88	202	79
782	Topaz-DK	123	48	117	46	105	41
822	Beige Gray-LT	23	9	22	8	20	7
830	Golden Olive-DK	3	1	3	1	3	1
838	Beige Brown-VY DK	76	29	72	28	65	25
839	Beige Brown-DK	660	259	629	247	566	222
840	Beige Brown-MD	62	24	59	23	53	20
841	Beige Brown-LT	18	7	17	6	15	5
869	Hazelnut Brown-VY DK	10	3	9	3	8	3
945	Tawny	51	20	48	18	43	16
975	Golden Brown-DK	10	3	9	3	8	3
977	Golden Brown-LT	659	259	628	247	565	222
3021	Brown Gray-VY DK	273	107	260	102	234	92
3031	Mocha Brown-VY DK	57	22	54	21	49	19
3045	Yellow Beige-DK	133	52	126	49	114	44
3046	Yellow Beige-MD	41	16	39	15	35	13
3047	Yellow Beige-LT	154	60	146	57	132	51
3053	Green Gray	8	3	8	3	7	2
3346	Hunter Green	18	7	18	7	16	6
3712	Salmon-MD	57	22	54	21	49	19
3721	Shell Pink-DK	155	61	147	57	132	51
3772	Desert Sand-VY DK	250	98	238	93	215	84
3773	Desert Sand-MD	27	10	26	10	23	9
3776	Mahogany-LT	359	141	342	134	308	121
3778	Terra Cotta-LT	179	70	171	67	154	60
3781	Mocha Brown-DK	390	153	371	146	334	131
3820	Straw-DK	71	27	68	26	61	24
3822	Straw-LT	14	5	14	5	12	4
3823	Yellow-UL Pale	165	64	157	61	141	55
3825	Pumpkin-Pale	122	48	116	45	105	41
3826	Golden Brown	20	7	19	7	17	6

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3827	Golden Brown-Pale	203	79	193	75	174	68
3828	Hazelnut Brown	497	195	473	186	426	167
3829	Old Gold-VY DK	6	2	6	2	5	1
3830	Terra Cotta-MD	185	72	176	69	159	62
3855	Autumn Gold-LT	335	131	319	125	287	112
3856	Mahogany-UL VY LT	350	137	333	131	300	118
3862	Mocha Beige-DK	432	170	412	162	371	146
3864	Mocha Beige-LT	44	17	42	16	38	14

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	40	14	33	12	17	6
301	Mahogany-MD	176	68	147	57	74	29
356	Terra Cotta-MD	380	149	317	125	158	62
370	Mustard-MD	326	128	272	107	136	53
371	Mustard	70	27	59	23	29	11
402	Mahogany-VY LT	218	85	182	71	91	35
420	Hazelnut Brown-DK	524	205	437	171	218	86
422	Hazelnut Brown-LT	229	90	191	75	95	38
435	Brown-VY LT	410	160	342	134	171	67
436	Tan	621	243	518	203	259	101
437	Tan-LT	283	110	236	92	118	46
610	Drab Brown-DK	1323	520	1103	434	551	217
611	Drab Brown	221	86	185	72	92	36
612	Drab Brown-LT	137	52	114	44	57	22
632	Desert Sand-UL VY DK	538	211	449	176	224	88
640	Beige Gray-VY DK	274	106	228	89	114	44
644	Beige Gray-MD	36	13	30	11	15	5
676	Old Gold-LT	207	81	173	68	86	34
677	Old Gold-VY LT	470	184	392	153	196	77
712	Cream	18	5	15	5	8	2
725	Topaz	158	61	132	51	66	26
729	Old Gold-MD	502	196	419	164	209	82
738	Tan-VY LT	214	83	179	69	89	35
739	Tan-UL VY LT	364	142	303	119	152	59
782	Topaz-DK	189	74	158	62	79	31
822	Beige Gray-LT	36	13	30	11	15	5
830	Golden Olive-DK	5	2	5	2	2	1
838	Beige Brown-VY DK	117	45	98	38	49	19
839	Beige Brown-DK	1019	400	849	333	425	167
840	Beige Brown-MD	95	36	80	30	40	15
841	Beige Brown-LT	27	9	23	8	11	4
869	Hazelnut Brown-VY DK	14	5	12	5	6	2
945	Tawny	77	29	65	24	32	12
975	Golden Brown-DK	14	5	12	5	6	2
977	Golden Brown-LT	1017	400	848	333	424	167
3021	Brown Gray-VY DK	421	166	351	138	176	69
3031	Mocha Brown-VY DK	88	34	74	29	37	14
3045	Yellow Beige-DK	205	79	171	66	86	33
3046	Yellow Beige-MD	63	23	53	20	26	10
3047	Yellow Beige-LT	238	92	198	77	99	38
3053	Green Gray	13	4	11	3	5	2
3346	Hunter Green	29	11	24	9	12	5
3712	Salmon-MD	88	34	74	29	37	14
3721	Shell Pink-DK	238	92	198	77	99	38

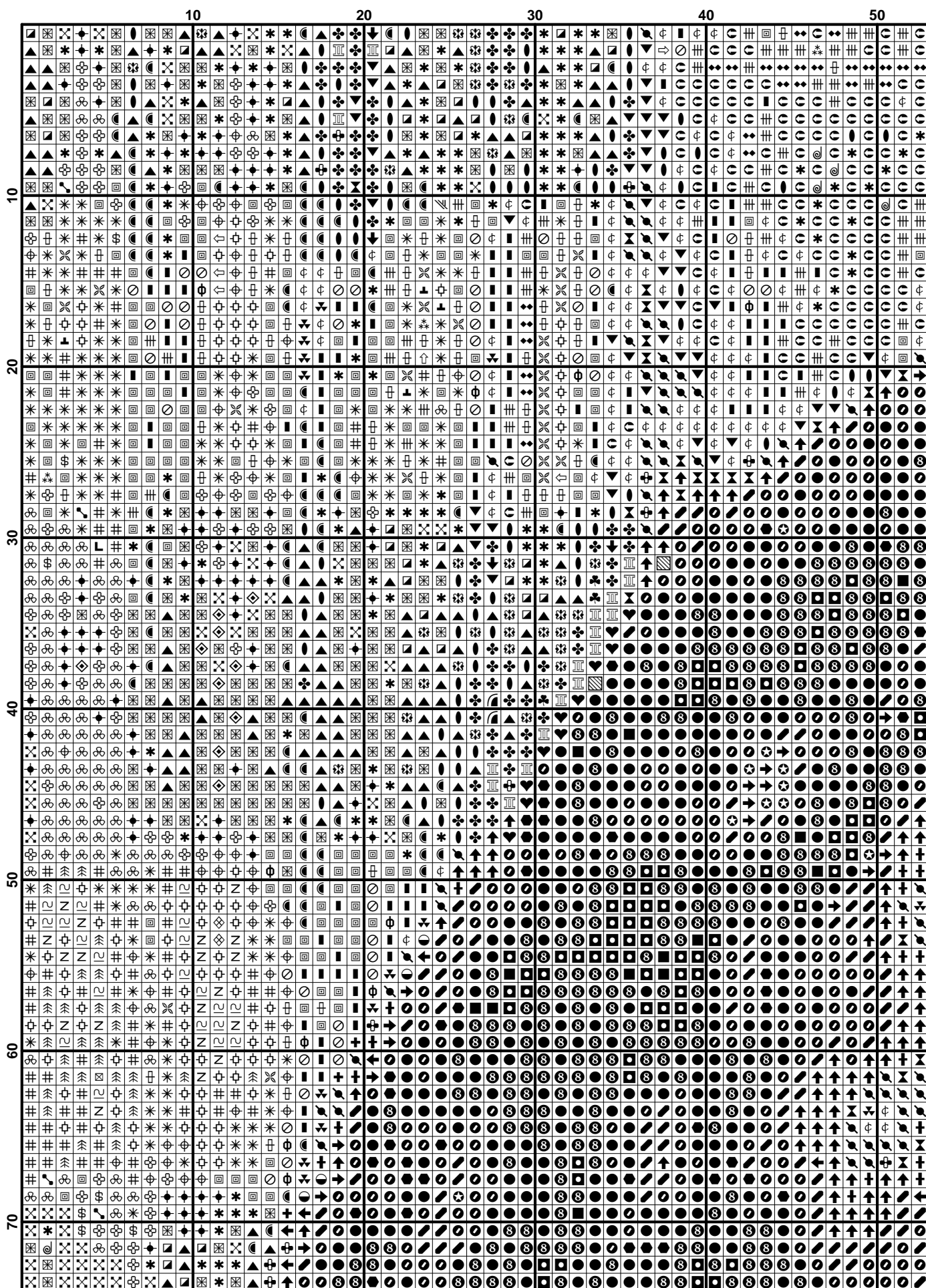
3772	Desert Sand-VY DK	387	151	323	126	161	63
3773	Desert Sand-MD	41	16	35	14	17	7
3776	Mahogany-LT	554	218	462	182	231	91
3778	Terra Cotta-LT	277	108	231	90	116	45
3781	Mocha Brown-DK	601	236	501	197	251	98
3820	Straw-DK	110	43	92	36	46	18
3822	Straw-LT	22	7	18	6	9	3
3823	Yellow-UL Pale	254	99	212	83	106	41
3825	Pumpkin-Pale	189	74	158	62	79	31
3826	Golden Brown	31	11	26	9	13	5
3827	Golden Brown-Pale	313	122	261	102	131	51
3828	Hazelnut Brown	767	301	639	251	320	125
3829	Old Gold-VY DK	9	2	8	2	4	1
3830	Terra Cotta-MD	286	112	239	93	119	47
3855	Autumn Gold-LT	517	202	431	168	215	84
3856	Mahogany-UL VY LT	540	212	450	177	225	89
3862	Mocha Beige-DK	668	263	557	219	278	110
3864	Mocha Beige-LT	68	25	57	21	29	11

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	16	6	15	6	15	5
301	Mahogany-MD	71	27	68	26	65	25
356	Terra Cotta-MD	152	60	146	57	141	55
370	Mustard-MD	130	51	125	49	121	47
371	Mustard	28	11	27	10	26	10
402	Mahogany-VY LT	87	34	84	33	81	31
420	Hazelnut Brown-DK	210	82	201	79	194	76
422	Hazelnut Brown-LT	91	36	88	35	85	33
435	Brown-VY LT	164	64	158	62	152	59
436	Tan	248	97	239	93	230	90
437	Tan-LT	113	44	109	42	105	41
610	Drab Brown-DK	529	208	509	200	490	193
611	Drab Brown	89	35	85	33	82	32
612	Drab Brown-LT	55	21	53	20	51	19
632	Desert Sand-UL VY DK	215	84	207	81	199	78
640	Beige Gray-VY DK	109	42	105	41	101	39
644	Beige Gray-MD	14	5	14	5	13	5
676	Old Gold-LT	83	32	80	31	77	30
677	Old Gold-VY LT	188	73	181	71	174	68
712	Cream	7	2	7	2	7	2
725	Topaz	63	24	61	24	59	23
729	Old Gold-MD	201	78	193	75	186	73
738	Tan-VY LT	86	33	82	32	79	31
739	Tan-UL VY LT	145	57	140	55	135	53
782	Topaz-DK	76	30	73	28	70	27
822	Beige Gray-LT	14	5	14	5	13	5
830	Golden Olive-DK	2	1	2	1	2	1
838	Beige Brown-VY DK	47	18	45	17	43	17
839	Beige Brown-DK	408	160	392	154	377	148
840	Beige Brown-MD	38	14	37	14	35	13
841	Beige Brown-LT	11	4	10	3	10	3
869	Hazelnut Brown-VY DK	6	2	6	2	5	2
945	Tawny	31	12	30	11	29	11
975	Golden Brown-DK	6	2	6	2	5	2

977	Golden Brown-LT	407	160	391	154	377	148
3021	Brown Gray-VY DK	168	66	162	64	156	61
3031	Mocha Brown-VY DK	35	14	34	13	33	13
3045	Yellow Beige-DK	82	32	79	30	76	29
3046	Yellow Beige-MD	25	9	24	9	23	9
3047	Yellow Beige-LT	95	37	91	35	88	34
3053	Green Gray	5	1	5	1	5	1
3346	Hunter Green	12	4	11	4	11	4
3712	Salmon-MD	35	14	34	13	33	13
3721	Shell Pink-DK	95	37	91	35	88	34
3772	Desert Sand-VY DK	155	60	149	58	143	56
3773	Desert Sand-MD	17	6	16	6	15	6
3776	Mahogany-LT	222	87	213	84	205	81
3778	Terra Cotta-LT	111	43	107	42	103	40
3781	Mocha Brown-DK	240	94	231	91	223	87
3820	Straw-DK	44	17	42	17	41	16
3822	Straw-LT	9	3	8	3	8	3
3823	Yellow-UL Pale	102	40	98	38	94	37
3825	Pumpkin-Pale	76	30	73	28	70	27
3826	Golden Brown	12	4	12	4	11	4
3827	Golden Brown-Pale	125	49	120	47	116	45
3828	Hazelnut Brown	307	120	295	116	284	111
3829	Old Gold-VY DK	4	1	3	1	3	1
3830	Terra Cotta-MD	114	45	110	43	106	41
3855	Autumn Gold-LT	207	81	199	78	191	75
3856	Mahogany-UL VY LT	216	85	208	82	200	79
3862	Mocha Beige-DK	267	105	257	101	247	97
3864	Mocha Beige-LT	27	10	26	10	25	9

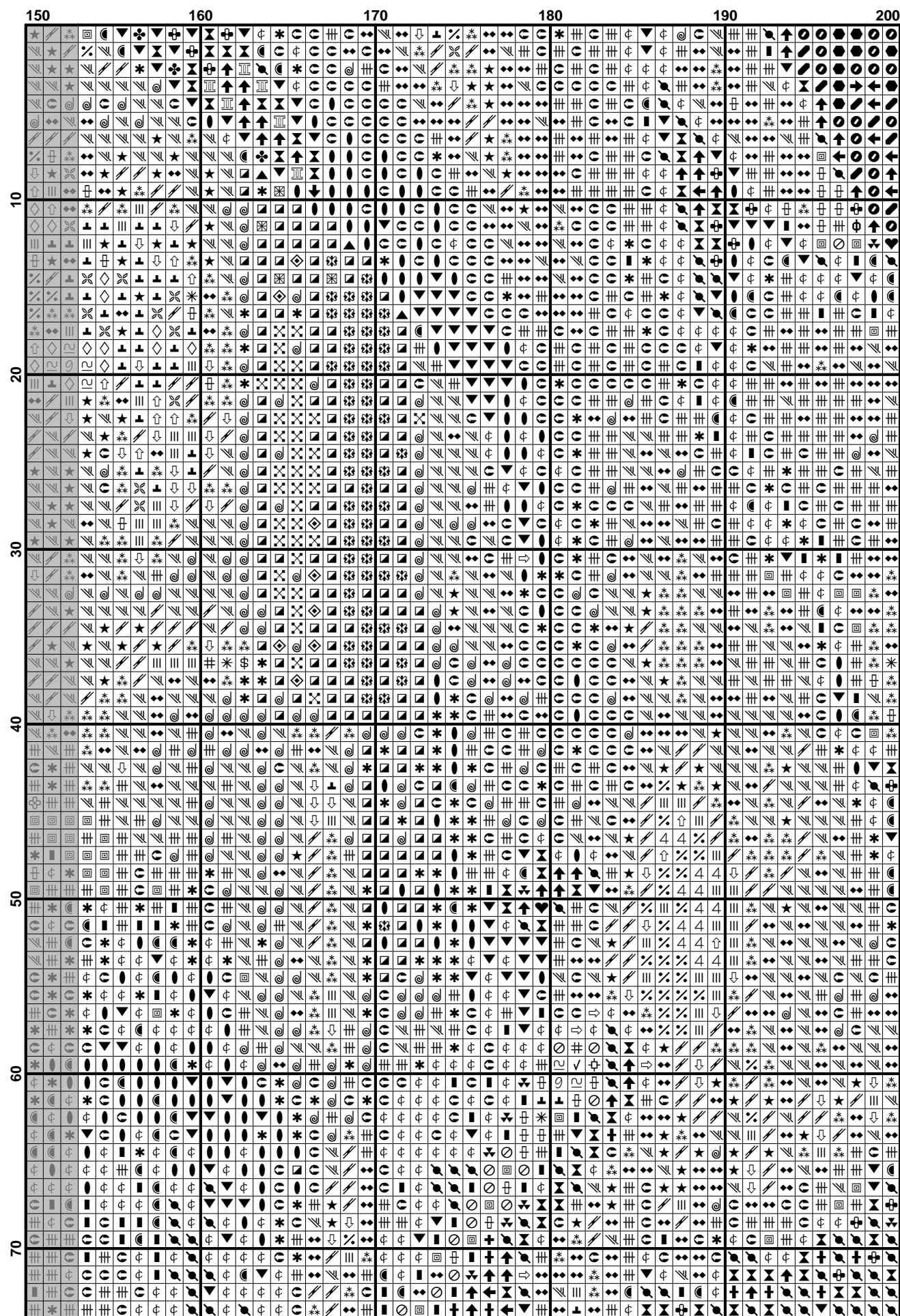
Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
221	Shell Pink-VY DK	14	5	13	5	12	5
301	Mahogany-MD	63	24	59	23	55	21
356	Terra Cotta-MD	136	53	127	50	119	47
370	Mustard-MD	116	46	109	43	102	40
371	Mustard	25	10	23	9	22	8
402	Mahogany-VY LT	78	30	73	28	68	26
420	Hazelnut Brown-DK	187	73	175	68	164	64
422	Hazelnut Brown-LT	82	32	76	30	71	28
435	Brown-VY LT	147	57	137	53	128	50
436	Tan	222	87	207	81	194	76
437	Tan-LT	101	39	94	37	88	34
610	Drab Brown-DK	473	186	441	173	413	163
611	Drab Brown	79	31	74	29	69	27
612	Drab Brown-LT	49	19	46	17	43	16
632	Desert Sand-UL VY DK	192	75	179	70	168	66
640	Beige Gray-VY DK	98	38	91	35	86	33
644	Beige Gray-MD	13	5	12	4	11	4
676	Old Gold-LT	74	29	69	27	65	25
677	Old Gold-VY LT	168	66	157	61	147	57
712	Cream	6	2	6	2	6	2
725	Topaz	57	22	53	20	50	19
729	Old Gold-MD	179	70	167	65	157	61
738	Tan-VY LT	77	30	71	28	67	26
739	Tan-UL VY LT	130	51	121	47	114	44
782	Topaz-DK	68	26	63	25	59	23

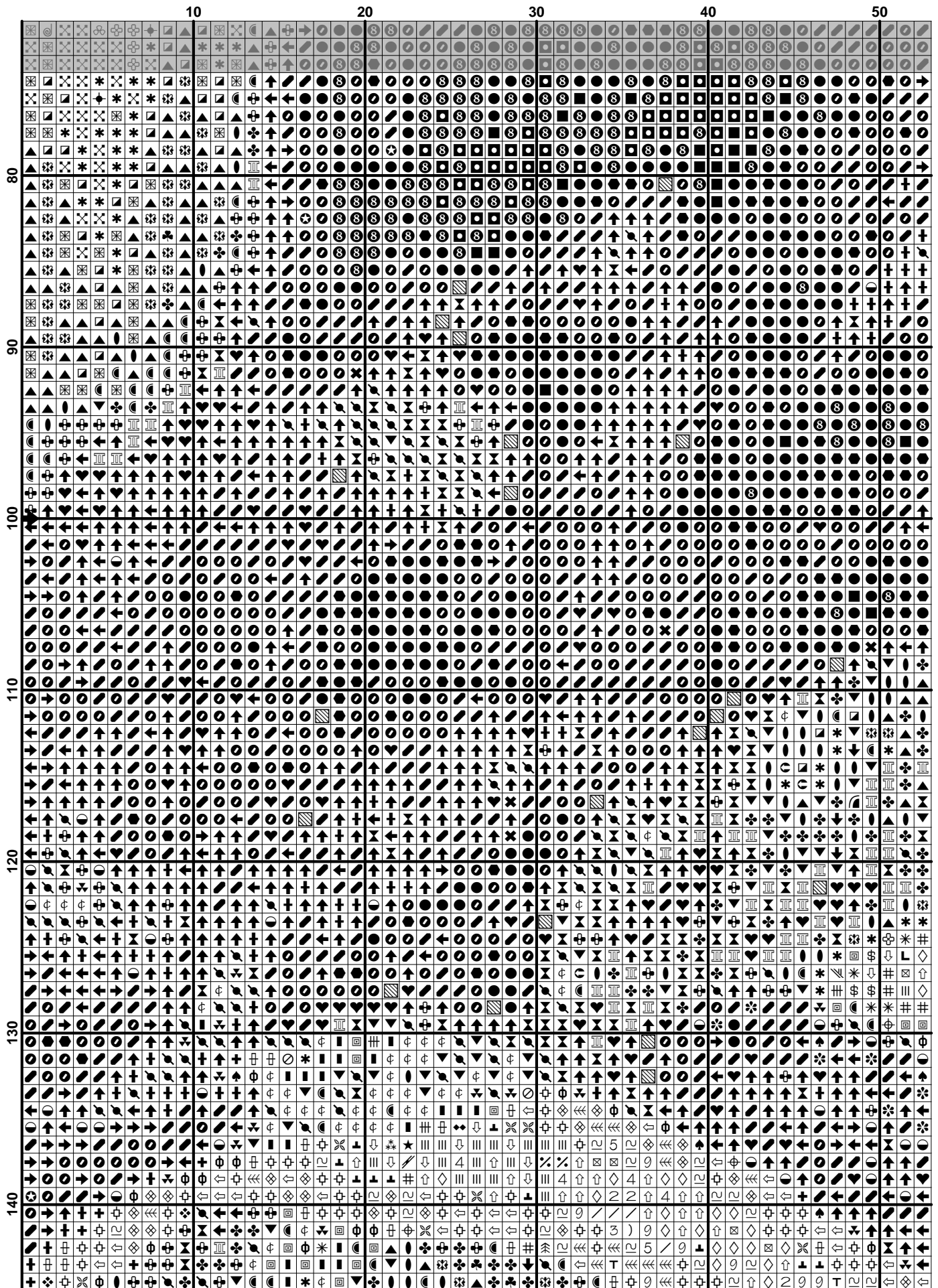
822	Beige Gray-LT	13	5	12	4	11	4
830	Golden Olive-DK	2	1	2	1	2	1
838	Beige Brown-VY DK	42	16	39	15	37	14
839	Beige Brown-DK	364	143	340	133	318	125
840	Beige Brown-MD	34	13	32	12	30	11
841	Beige Brown-LT	10	3	9	3	8	3
869	Hazelnut Brown-VY DK	5	2	5	2	5	2
945	Tawny	28	10	26	10	24	9
975	Golden Brown-DK	5	2	5	2	5	2
977	Golden Brown-LT	363	143	339	133	318	125
3021	Brown Gray-VY DK	150	59	140	55	132	52
3031	Mocha Brown-VY DK	32	12	29	11	28	11
3045	Yellow Beige-DK	73	28	68	26	64	25
3046	Yellow Beige-MD	23	8	21	8	20	7
3047	Yellow Beige-LT	85	33	79	31	74	29
3053	Green Gray	5	1	4	1	4	1
3346	Hunter Green	10	4	10	4	9	3
3712	Salmon-MD	32	12	29	11	28	11
3721	Shell Pink-DK	85	33	79	31	74	29
3772	Desert Sand-VY DK	138	54	129	50	121	47
3773	Desert Sand-MD	15	6	14	5	13	5
3776	Mahogany-LT	198	78	185	73	173	68
3778	Terra Cotta-LT	99	39	92	36	87	34
3781	Mocha Brown-DK	215	84	200	79	188	74
3820	Straw-DK	39	15	37	14	34	14
3822	Straw-LT	8	3	7	2	7	2
3823	Yellow-UL Pale	91	35	85	33	79	31
3825	Pumpkin-Pale	68	26	63	25	59	23
3826	Golden Brown	11	4	10	4	10	3
3827	Golden Brown-Pale	112	44	104	41	98	38
3828	Hazelnut Brown	274	107	256	100	240	94
3829	Old Gold-VY DK	3	1	3	1	3	1
3830	Terra Cotta-MD	102	40	95	37	89	35
3855	Autumn Gold-LT	185	72	172	67	161	63
3856	Mahogany-UL VY LT	193	76	180	71	169	66
3862	Mocha Beige-DK	239	94	223	88	209	82
3864	Mocha Beige-LT	24	9	23	8	21	8



	50	60	70	80	90	100
10	⬆	⬆	⬆	⬆	⬆	⬆
20	⬆	⬆	⬆	⬆	⬆	⬆
30	⬆	⬆	⬆	⬆	⬆	⬆
40	⬆	⬆	⬆	⬆	⬆	⬆
50	⬆	⬆	⬆	⬆	⬆	⬆
60	⬆	⬆	⬆	⬆	⬆	⬆
70	⬆	⬆	⬆	⬆	⬆	⬆
80	⬆	⬆	⬆	⬆	⬆	⬆
90	⬆	⬆	⬆	⬆	⬆	⬆
100	⬆	⬆	⬆	⬆	⬆	⬆

(8)





50	60	70	80	90	100
80					
90					
100					
110					
120					
130					
140					

$$(11) \quad \frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}, \quad \frac{d}{dt} \left(\frac{\partial L}{\partial \dot{y}} \right) = \frac{\partial L}{\partial y}, \quad \frac{d}{dt} \left(\frac{\partial L}{\partial \dot{z}} \right) = \frac{\partial L}{\partial z}$$

