

# Heaven and Earth Designs

## Sisters

Chart No: HAESAK 11267

Chart Design by Michele Sayetta

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Finished Design Size 525 W by 531 H (21 W X 21-1/8 H inches on 25ct)  
(This Chart Contains 89 Colors)

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## Instructions

The model for Sisters is recommended to be stitched over 1 on 25 count fabric but you may use any count that you are comfortable with. Please use 1 strand of floss or 2 depending on your coverage preference. Charts are recommended to be stitched from page 1 top left to the last page bottom right.

If the chart contains Kreinik 032 #4 (very fine braid) we recommend that you experiment with a couple of options. Start with 1 strand of Kreinik 032 Blending Filament with one strand of white as well as trying the Very Fine Braid to determine the look that you like most.

You may also use the tent stitch or full crosses depending on your preference.

We thank you for purchasing this design and welcome any questions or comments that you may have

Heaven and Earth Designs LLC

































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**Pattern Name:** Sisters-Kuck  
**Designed By:** Michele Sayetta  
**Company:** Heaven and Earth Designs LLC  
**Copyright:** 2010®  
**Fabric:** Linen 25, White  
 525w X 531h Stitches  
**Size:** 25 Count, 21w X 21-1/8h in

### Floss Used for Full Stitches:

Symbol	Strands	Type	Number	Color
	2	DMC	159	Gray Blue-LT
	2	DMC	169	Pewter-LT
	2	DMC	300	Mahogany-VY DK
	2	DMC	301	Mahogany-MD
	2	DMC	310	Black
	2	DMC	317	Pewter Gray
	2	DMC	318	Steel Gray-LT
	2	DMC	372	Mustard-LT
	2	DMC	400	Mahogany-DK
	2	DMC	402	Mahogany-VY LT
	2	DMC	413	Pewter Gray-DK
	2	DMC	414	Steel Gray-DK
	2	DMC	415	Pearl Gray
	2	DMC	434	Brown-LT
	2	DMC	435	Brown-VY LT
	2	DMC	436	Tan
	2	DMC	500	Blue Green-VY DK
	2	DMC	501	Blue Green-DK
	2	DMC	524	Fern Green-VY LT
	2	DMC	597	Turquoise
	2	DMC	598	Turquoise-LT
	2	DMC	612	Drab Brown-LT
	2	DMC	613	Drab Brown-VY LT
	2	DMC	642	Beige Gray-DK
	2	DMC	644	Beige Gray-MD
	2	DMC	645	Beaver Gray-VY DK
	2	DMC	646	Beaver Gray-DK
	2	DMC	648	Beaver Gray-LT
	2	DMC	739	Tan-UL VY LT
	2	DMC	745	Yellow-LT Pale
	2	DMC	779	Cocoa-DK
	2	DMC	782	Topaz-DK




































Symbol	Strands	Type	Number	Color
 ↓	2	DMC	801	Coffee Brown-DK
 #	2	DMC	813	Blue-LT
 ▼	2	DMC	822	Beige Gray-LT
 ♦♦	2	DMC	828	Blue-UL VY LT
 ♣	2	DMC	829	Golden Olive-VY DK
 a	2	DMC	840	Beige Brown-MD
 <	2	DMC	890	Pistachio Green-UL DK
 H	2	DMC	919	Red Copper
 ⊕	2	DMC	921	Copper
 ⚡	2	DMC	922	Copper-LT
 H	2	DMC	924	Gray Green-VY DK
 8	2	DMC	926	Gray Green-MD
 7	2	DMC	927	Gray Green-LT
 *	2	DMC	930	Antique Blue-DK
 )	2	DMC	931	Antique Blue-MD
 ⌘	2	DMC	932	Antique Blue-LT
 ←	2	DMC	938	Coffee Brown-UL DK
 ■	2	DMC	975	Golden Brown-DK
 ♦	2	DMC	976	Golden Brown-MD
 ⊙	2	DMC	977	Golden Brown-LT
 **	2	DMC	3021	Brown Gray-VY DK
 †	2	DMC	3022	Brown Gray-MD
 □	2	DMC	3031	Mocha Brown-VY DK
 ☆	2	DMC	3033	Mocha Brown-VY LT
 III	2	DMC	3064	Desert Sand
 m	2	DMC	3072	Beaver Gray-VY LT
 √	2	DMC	3078	Golden Yellow-VY LT
 ^	2	DMC	3371	Black Brown
 ⚙	2	DMC	3747	Blue Violet-VY LT
 «	2	DMC	3750	Antique Blue-VY DK
 ■	2	DMC	3752	Antique Blue-VY LT
 \$	2	DMC	3756	Baby Blue-UL VY LT
 9	2	DMC	3768	Gray Green-DK
 X	2	DMC	3776	Mahogany-LT
 T	2	DMC	3779	Terra Cotta-UL VY LT
 c	2	DMC	3781	Mocha Brown-DK
 /	2	DMC	3787	Brown Gray-DK
 ♦	2	DMC	3790	Beige Gray-UL DK
 ‡	2	DMC	3799	Pewter Gray-VY DK
 O	2	DMC	3808	Turquoise-UL VY DK
 ☼	2	DMC	3809	Turquoise-VY DK
 X	2	DMC	3810	Turquoise-DK











































Symbol	Strands	Type	Number	Color
	4	2	DMC 3813	Blue Green-LT
	••	2	DMC 3818	Emerald Green-UL VY DK
	«	2	DMC 3825	Pumpkin-Pale
	••	2	DMC 3827	Golden Brown-Pale
	••	2	DMC 3841	Baby Blue-Pale
	3	2	DMC 3847	Teal Green-DK
	2	2	DMC 3848	Teal Green-MD
	♠	2	DMC 3849	Teal Green-LT
	●	2	DMC 3853	Autumn Gold-DK
	▣	2	DMC 3856	Mahogany-UL VY LT
	//	2	DMC 3860	Cocoa
	0	2	DMC 3862	Mocha Beige-DK
	6	2	DMC 3864	Mocha Beige-LT
	↺	2	DMC Ecru	Ecru
	↗	2	DMC B5200	Snow White












## Usage Summary

Strands Per Skein: 6

Skein Length: 313.0 in

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
 DMC 159	159	940	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 169	169	19429	0	0	0	0.0	0.0	0.0	0	0	6.000
 DMC 300	300	913	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 301	301	795	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 310	310	2945	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 317	317	5817	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 318	318	10601	0	0	0	0.0	0.0	0.0	0	0	3.000
 DMC 372	372	1485	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 400	400	868	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 402	402	219	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 413	413	2651	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 414	414	12541	0	0	0	0.0	0.0	0.0	0	0	4.000
 DMC 415	415	5676	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 434	434	620	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 435	435	714	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 436	436	317	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 500	500	652	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 501	501	3704	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 524	524	6657	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 597	597	6526	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 598	598	2080	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 612	612	1964	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 613	613	995	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 642	642	3108	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 644	644	3264	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 645	645	4619	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 646	646	7940	0	0	0	0.0	0.0	0.0	0	0	3.000
 DMC 648	648	4433	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 739	739	377	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 745	745	196	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 779	779	112	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 782	782	215	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 801	801	247	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 813	813	1103	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 822	822	831	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 828	828	881	0	0	0	0.0	0.0	0.0	0	0	1.000

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
 DMC 829	829	394	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 840	840	956	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 890	890	576	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 919	919	67	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 921	921	94	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 922	922	74	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 924	924	1427	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 926	926	21129	0	0	0	0.0	0.0	0.0	0	0	6.000
 DMC 927	927	8937	0	0	0	0.0	0.0	0.0	0	0	3.000
 DMC 930	930	2067	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 931	931	13468	0	0	0	0.0	0.0	0.0	0	0	4.000
 DMC 932	932	23177	0	0	0	0.0	0.0	0.0	0	0	7.000
 DMC 938	938	553	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 975	975	246	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 976	976	133	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 977	977	241	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3021	3021	829	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3022	3022	2848	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3031	3031	451	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3033	3033	3198	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3064	3064	947	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3072	3072	5985	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 3078	3078	143	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3371	3371	586	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3747	3747	887	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3750	3750	467	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3752	3752	2193	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3756	3756	7139	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 3768	3768	19809	0	0	0	0.0	0.0	0.0	0	0	6.000
 DMC 3776	3776	281	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3779	3779	66	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3781	3781	1339	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3787	3787	2039	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3790	3790	548	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3799	3799	741	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3808	3808	2250	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3809	3809	3781	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 3810	3810	653	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3813	3813	4540	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 3818	3818	1089	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3825	3825	238	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3827	3827	148	0	0	0	0.0	0.0	0.0	0	0	1.000

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
 DMC 3841	3841	880	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3847	3847	2560	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3848	3848	4015	0	0	0	0.0	0.0	0.0	0	0	2.000
 DMC 3849	3849	1597	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3853	3853	29	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3856	3856	365	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3860	3860	504	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3862	3862	604	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC 3864	3864	2897	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC E cru	E cru	1726	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC B5200	B5200	10429	0	0	0	0.0	0.0	0.0	0	0	3.000



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10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

[illegible]

[illegible]

	310	320	330	340	350	360	370	380
10								
20								
30								
40								
50								
60								
70								
80								
90								

[illegible]



	10	20	30	40	50	60	70	80
100	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
110	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
120	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
130	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
140	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
150	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
160	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
170	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
180	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777
190	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777	7777777777



	80	90	100	110	120	130	140	150
100								
110								
120								
130								
140								
150								
160								
170								
180								
190								

	160	170	180	190	200	210	220	230
100	V	X	X	X	X	X	X	X
110	X	X	X	X	X	X	X	X
120	X	X	X	X	X	X	X	X
130	X	X	X	X	X	X	X	X
140	X	X	X	X	X	X	X	X
150	X	X	X	X	X	X	X	X
160	X	X	X	X	X	X	X	X
170	X	X	X	X	X	X	X	X
180	X	X	X	X	X	X	X	X
190	X	X	X	X	X	X	X	X

	240	250	260	270	280	290	300	310
100	...	...	...	...	...	...	...	...
110	...	...	...	...	...	...	...	...
120	...	...	...	...	...	...	...	...
130	...	...	...	...	...	...	...	...
140	...	...	...	...	...	...	...	...
150	...	...	...	...	...	...	...	...
160	...	...	...	...	...	...	...	...
170	...	...	...	...	...	...	...	...
180	...	...	...	...	...	...	...	...
190	...	...	...	...	...	...	...	...

	310	320	330	340	350	360	370	380
100	+	+	+	+	+	+	+	+
110	+	+	+	+	+	+	+	+
120	+	+	+	+	+	+	+	+
130	+	+	+	+	+	+	+	+
140	+	+	+	+	+	+	+	+
150	+	+	+	+	+	+	+	+
160	+	+	+	+	+	+	+	+
170	+	+	+	+	+	+	+	+
180	+	+	+	+	+	+	+	+
190	+	+	+	+	+	+	+	+

	390	400	410	420	430	440	450	460
100	...	...	...	...	...	...	...	...
110	...	...	...	...	...	...	...	...
120	...	...	...	...	...	...	...	...
130	...	...	...	...	...	...	...	...
140	...	...	...	...	...	...	...	...
150	...	...	...	...	...	...	...	...
160	...	...	...	...	...	...	...	...
170	...	...	...	...	...	...	...	...
180	...	...	...	...	...	...	...	...
190	...	...	...	...	...	...	...	...

[illegible]

	10	20	30	40	50	60	70	80
190								
200								
210								
220								
230								
240								
250								
260								
270								
280								

[illegible]



	160	170	180	190	200	210	220	230
190								
200								
210								
220								
230								
240								
250								
260								
270								
280								

	240	250	260	270	280	290	300	310
190	...	...	...	...	...	...	...	...
200	...	...	...	...	...	...	...	...
210	...	...	...	...	...	...	...	...
220	...	...	...	...	...	...	...	...
230	...	...	...	...	...	...	...	...
240	...	...	...	...	...	...	...	...
250	...	...	...	...	...	...	...	...
260	...	...	...	...	...	...	...	...
270	...	...	...	...	...	...	...	...
280	...	...	...	...	...	...	...	...

	310	320	330	340	350	360	370	380
190								
200								
210								
220								
230								
240								
250								
260								
270								
280								

	390	400	410	420	430	440	450	460
190	...	...	...	...	...	...	...	...
200	...	...	...	...	...	...	...	...
210	...	...	...	...	...	...	...	...
220	...	...	...	...	...	...	...	...
230	...	...	...	...	...	...	...	...
240	...	...	...	...	...	...	...	...
250	...	...	...	...	...	...	...	...
260	...	...	...	...	...	...	...	...
270	...	...	...	...	...	...	...	...
280	...	...	...	...	...	...	...	...

	470	480	490	500	510	520
190						
200						
210						
220						
230						
240						
250						
260						
270						
280						

	10	20	30	40	50	60	70	80
290	+	+	+	+	+	+	+	+
300	+	+	+	+	+	+	+	+
310	+	+	+	+	+	+	+	+
320	+	+	+	+	+	+	+	+
330	+	+	+	+	+	+	+	+
340	+	+	+	+	+	+	+	+
350	+	+	+	+	+	+	+	+
360	+	+	+	+	+	+	+	+
370	+	+	+	+	+	+	+	+
380	+	+	+	+	+	+	+	+

	80	90	100	110	120	130	140	150
290	...	...	...	...	...	...	...	...
300	...	...	...	...	...	...	...	...
310	...	...	...	...	...	...	...	...
320	...	...	...	...	...	...	...	...
330	...	...	...	...	...	...	...	...
340	...	...	...	...	...	...	...	...
350	...	...	...	...	...	...	...	...
360	...	...	...	...	...	...	...	...
370	...	...	...	...	...	...	...	...
380	...	...	...	...	...	...	...	...

	160	170	180	190	200	210	220	230
290	...	...	...	...	...	...	...	...
300	...	...	...	...	...	...	...	...
310	...	...	...	...	...	...	...	...
320	...	...	...	...	...	...	...	...
330	...	...	...	...	...	...	...	...
340	...	...	...	...	...	...	...	...
350	...	...	...	...	...	...	...	...
360	...	...	...	...	...	...	...	...
370	...	...	...	...	...	...	...	...
380	...	...	...	...	...	...	...	...



	240	250	260	270	280	290	300	310
290	...	...	...	...	...	...	...	...
300	...	...	...	...	...	...	...	...
310	...	...	...	...	...	...	...	...
320	...	...	...	...	...	...	...	...
330	...	...	...	...	...	...	...	...
340	...	...	...	...	...	...	...	...
350	...	...	...	...	...	...	...	...
360	...	...	...	...	...	...	...	...
370	...	...	...	...	...	...	...	...
380	...	...	...	...	...	...	...	...

	310	320	330	340	350	360	370	380
290								
300								
310								
320								
330								
340								
350								
360								
370								
380								

	390	400	410	420	430	440	450	460
290	...	...	...	...	...	...	...	...
300	...	...	...	...	...	...	...	...
310	...	...	...	...	...	...	...	...
320	...	...	...	...	...	...	...	...
330	...	...	...	...	...	...	...	...
340	...	...	...	...	...	...	...	...
350	...	...	...	...	...	...	...	...
360	...	...	...	...	...	...	...	...
370	...	...	...	...	...	...	...	...
380	...	...	...	...	...	...	...	...

	470	480	490	500	510	520
290	...	...	...	...	...	...
300	...	...	...	...	...	...
310	...	...	...	...	...	...
320	...	...	...	...	...	...
330	...	...	...	...	...	...
340	...	...	...	...	...	...
350	...	...	...	...	...	...
360	...	...	...	...	...	...
370	...	...	...	...	...	...
380	...	...	...	...	...	...

	10	20	30	40	50	60	70	80
380	...	...	...	...	...	...	...	...
390	...	...	...	...	...	...	...	...
400	...	...	...	...	...	...	...	...
410	...	...	...	...	...	...	...	...
420	...	...	...	...	...	...	...	...
430	...	...	...	...	...	...	...	...
440	...	...	...	...	...	...	...	...
450	...	...	...	...	...	...	...	...
460	...	...	...	...	...	...	...	...
470	...	...	...	...	...	...	...	...

	80	90	100	110	120	130	140	150
380								
390								
400								
410								
420								
430								
440								
450								
460								
470								

	160	170	180	190	200	210	220	230
380	q	q	q	q	q	q	q	q
390	q	q	q	q	q	q	q	q
400	q	q	q	q	q	q	q	q
410	q	q	q	q	q	q	q	q
420	q	q	q	q	q	q	q	q
430	q	q	q	q	q	q	q	q
440	q	q	q	q	q	q	q	q
450	q	q	q	q	q	q	q	q
460	q	q	q	q	q	q	q	q
470	q	q	q	q	q	q	q	q

	240	250	260	270	280	290	300	310
380								
390								
400								
410								
420								
430								
440								
450								
460								
470								



	310	320	330	340	350	360	370	380
380	...	...	...	...	...	...	...	...
390	...	...	...	...	...	...	...	...
400	...	...	...	...	...	...	...	...
410	...	...	...	...	...	...	...	...
420	...	...	...	...	...	...	...	...
430	...	...	...	...	...	...	...	...
440	...	...	...	...	...	...	...	...
450	...	...	...	...	...	...	...	...
460	...	...	...	...	...	...	...	...
470	...	...	...	...	...	...	...	...

	390	400	410	420	430	440	450	460
380								
390								
400								
410								
420								
430								
440								
450								
460								
470								

[illegible]

	10										20										30										40										50										60										70										80									
480																																																																																
490																																																																																
500																																																																																
510																																																																																
520																																																																																
530																																																																																

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	310	320	330	340	350	360	370	380
480	7	7	7	7	7	7	7	7
490	7	7	7	7	7	7	7	7
500	7	7	7	7	7	7	7	7
510	7	7	7	7	7	7	7	7
520	7	7	7	7	7	7	7	7
530	7	7	7	7	7	7	7	7



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