



MATHRAX

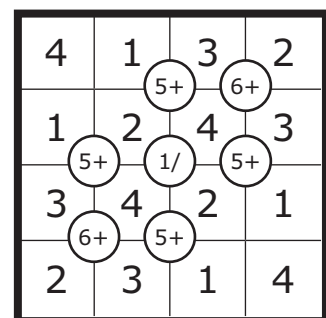
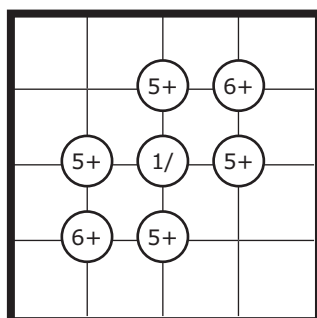
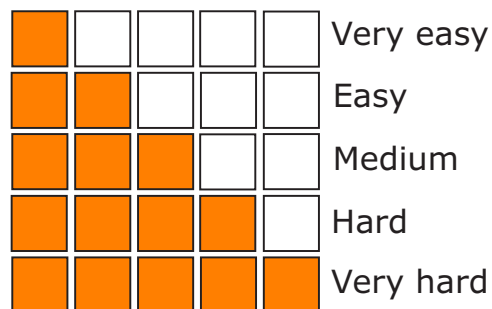
Fill in the numbers 1-8 on each row and column. On some intersections you find hints. E means that in all four squares the number is even, and O means that all four numbers are odd. A number and a sign (+, -, x, /) means that that is the result of the two paired diagonally adjacent squares.

MATHRAX

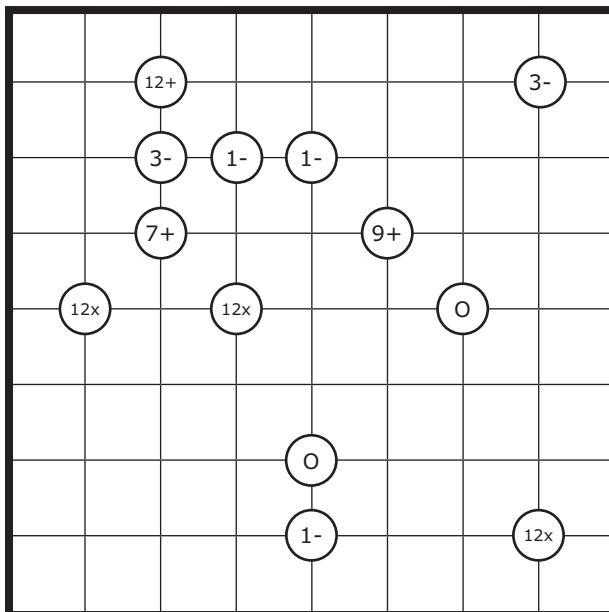
Vul de cijfers 1 tot en met 8 op elke regel en in elke kolom eenmaal in. Op sommige kruispunten staan aanwijzingen. Staat er een E of een O, dan worden in de vier aangrenzende vakjes even, dan wel oneven cijfers ingevuld. Staat er een getal met een bewerking (+, - x of /) dan heeft dat betrekking op de twee sets van diagonaal aangrenzende vakjes.

DIFFICULTY LEVEL

Some puzzles are easy, some are hard. All puzzles will have an indication of this level, expressed by 1-5 WCPN squares.

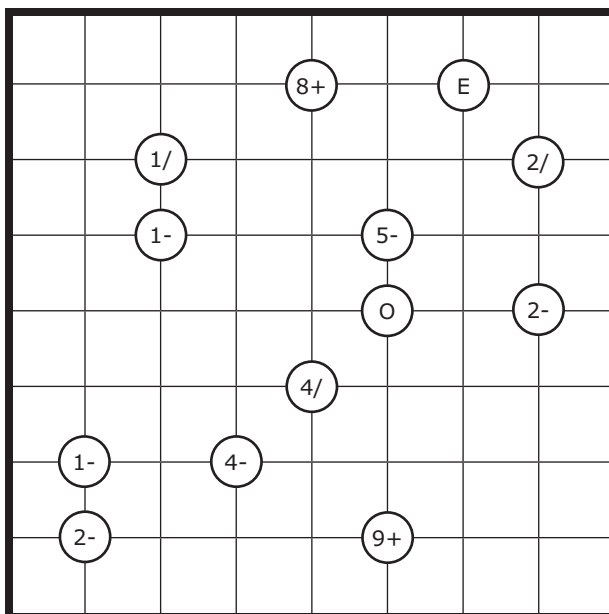


1 20-06-2014



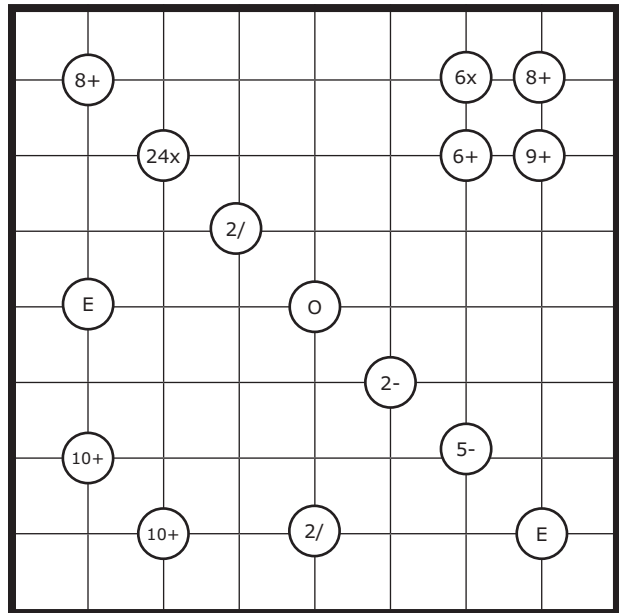
Hns

2 20-06-2014



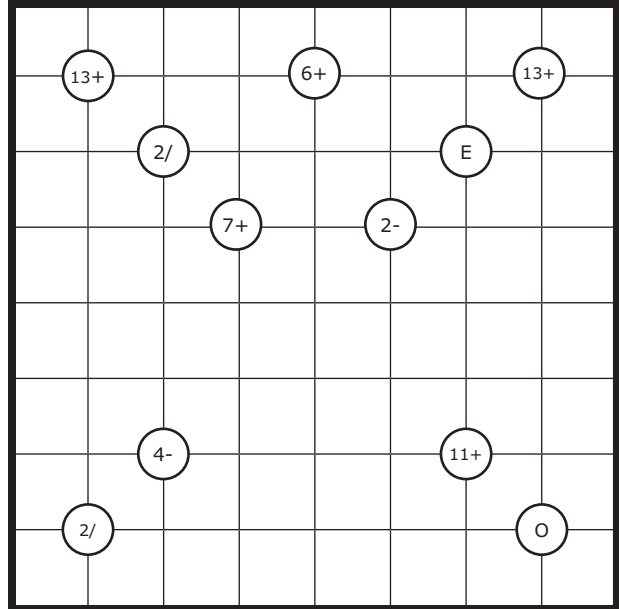
Hns

3 13-10-2014



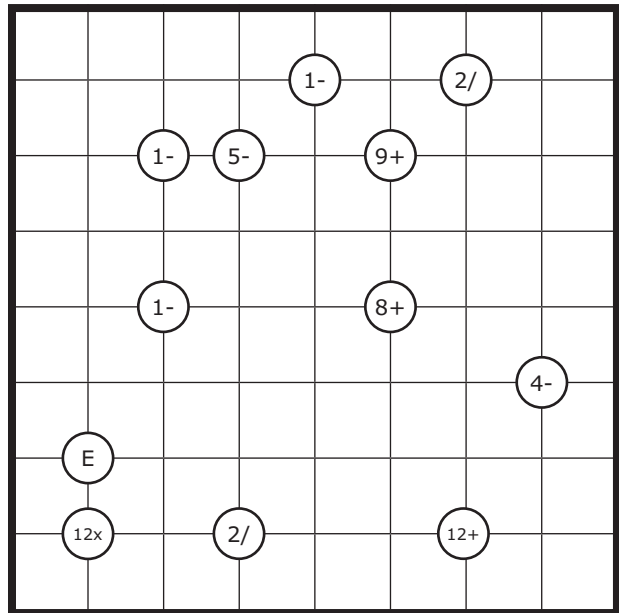
RS

4 13-10-2014



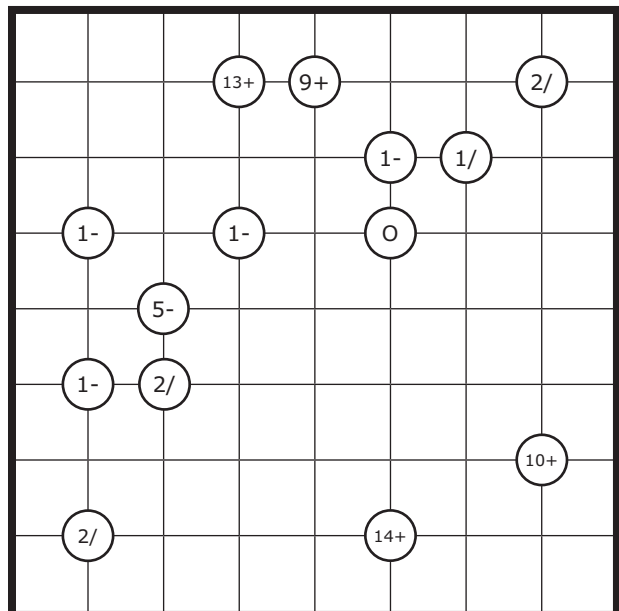
RS

5 07-12-2014



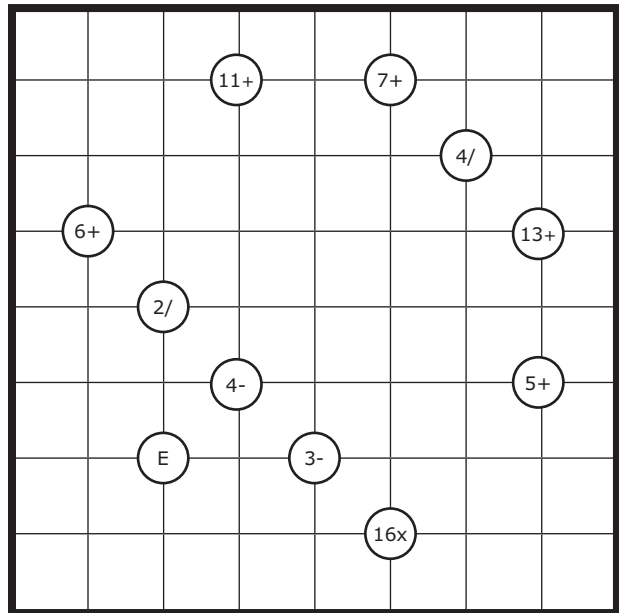
Hns

6 07-12-2014



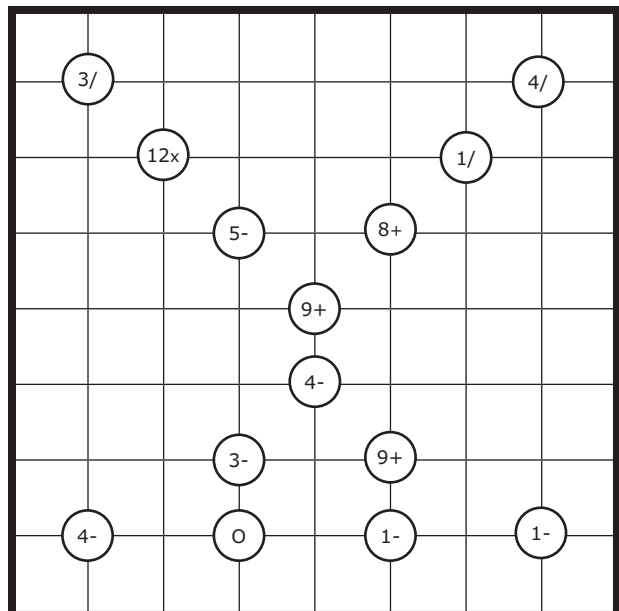
Hns

7 15-12-2014



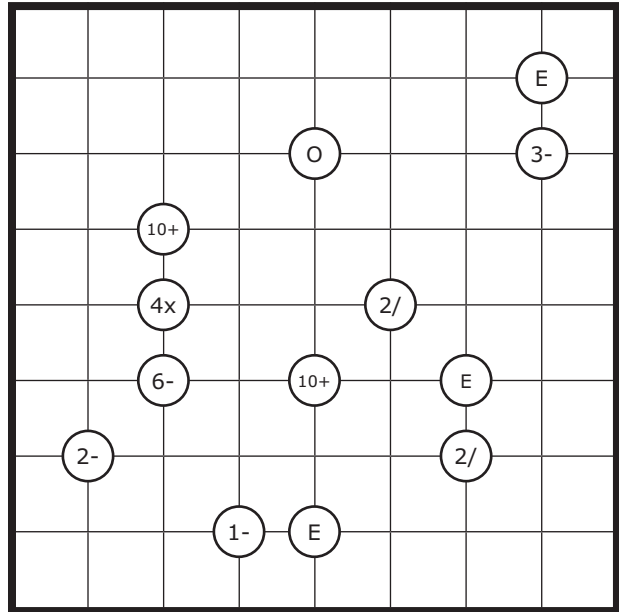
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8 15-12-2014



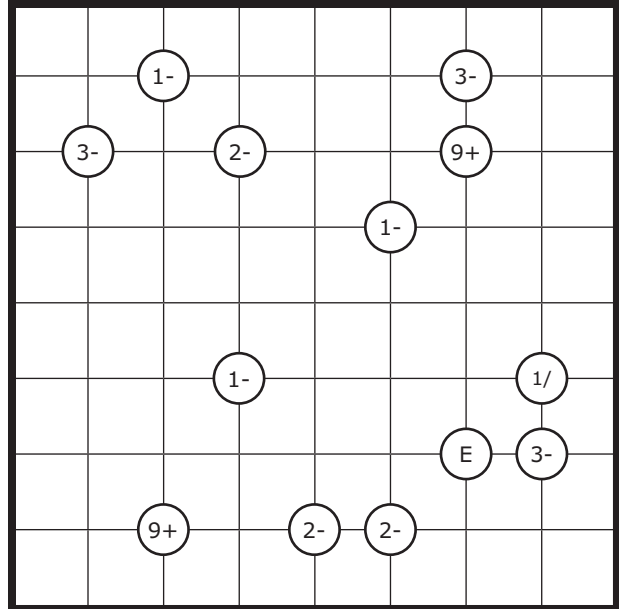
RS

9 09-01-2015



Hns

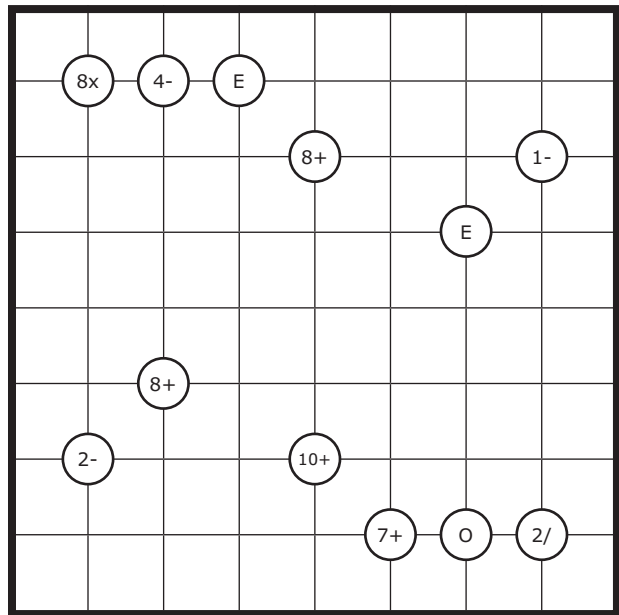
10 09-01-2015



Hns

11

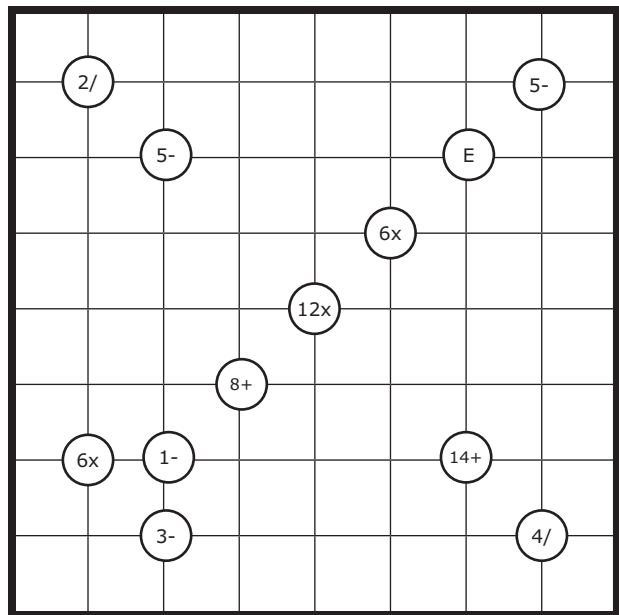
23-03-2015



RS

12

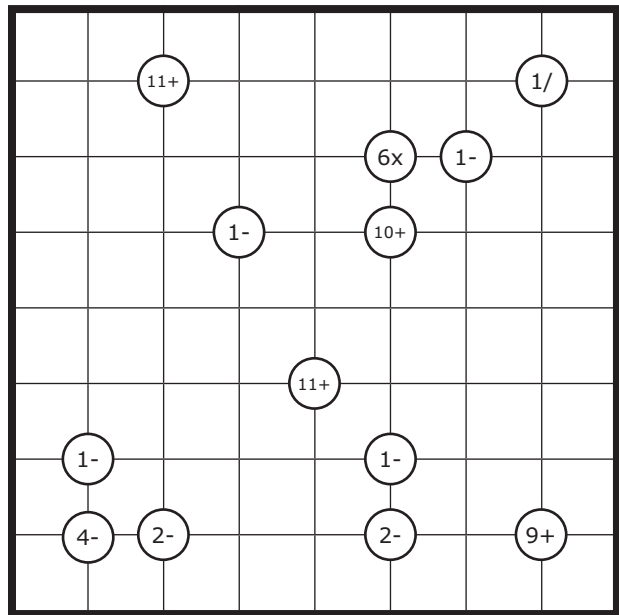
23-03-2015



RS

13

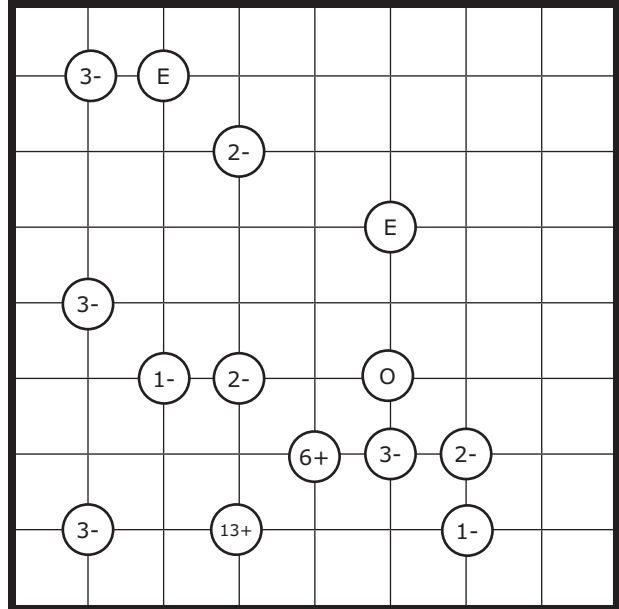
06-05-2015



Hns

14

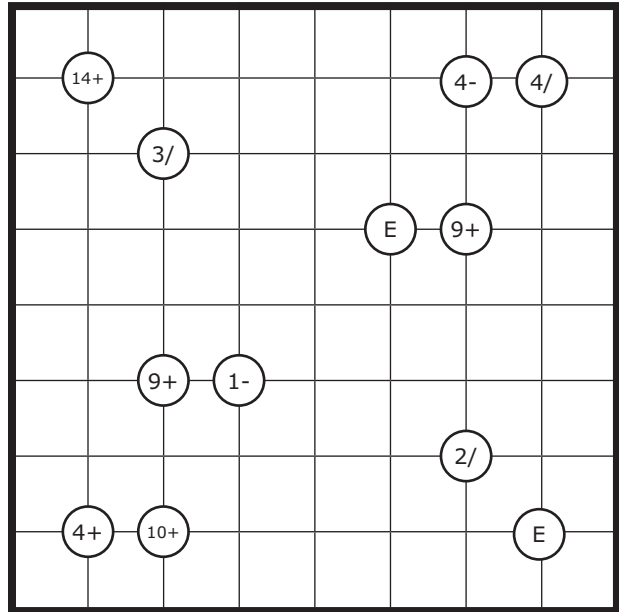
06-05-2015



Hns

15

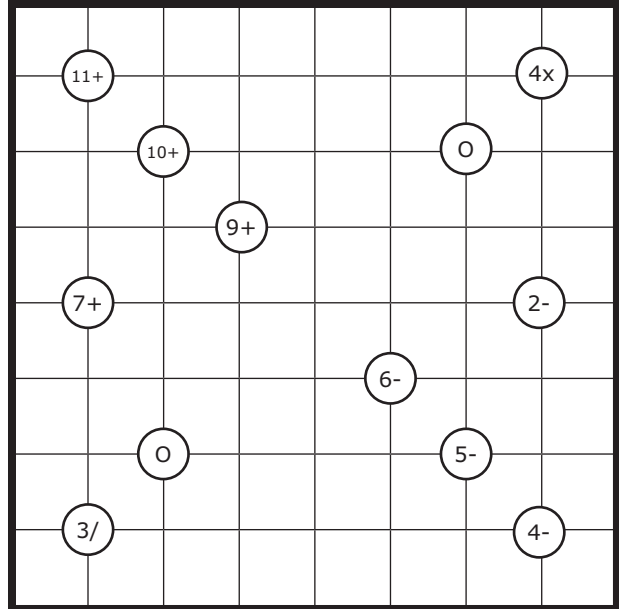
05-07-2015



RS

16

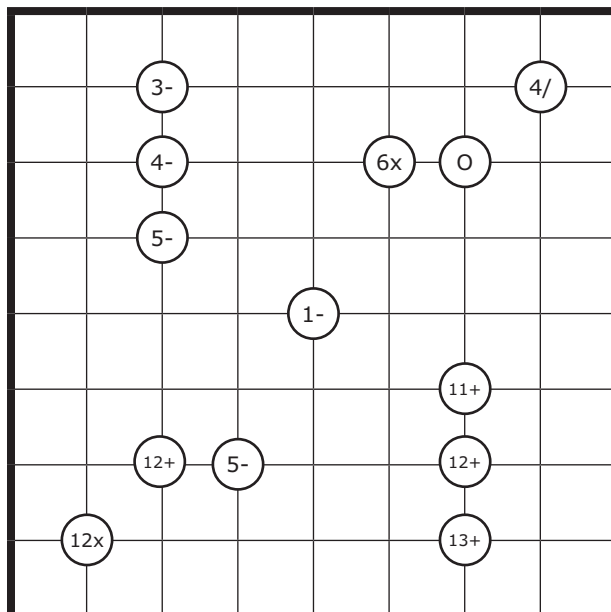
05-07-2015



RS

17

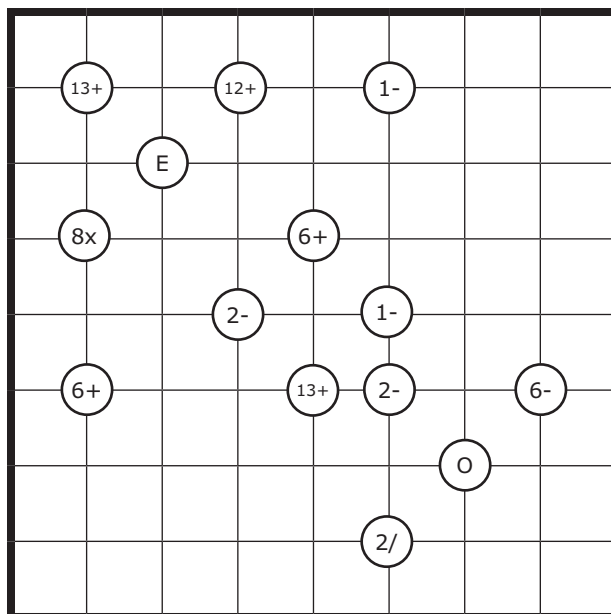
02-11-2015



RS

18

02-11-2015



RS

Solutions

1 20-06-2014

7	4	5	2	3	6	8	1
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1	5	4	7	2	8	6	3
6	3	2	4	1	7	5	8
4	2	3	6	8	5	1	7
3	8	6	1	5	4	7	2
8	6	1	5	7	3	2	4
5	1	7	8	4	2	3	6

2 20-06-2014

5	4	1	3	2	6	8	7
1	7	3	6	5	4	2	8
2	3	7	5	6	8	4	1
6	8	2	7	3	1	5	4
8	5	4	2	1	7	6	3
7	2	5	4	8	3	1	6
3	6	8	1	4	2	7	5
4	1	6	8	7	5	3	2

3 13-10-2014

4	1	2	5	8	6	3	7
7	4	8	6	3	2	1	5
1	3	6	2	7	5	4	8
8	6	1	3	5	4	7	2
6	2	4	7	1	8	5	3
5	8	7	4	6	3	2	1
2	5	3	1	4	7	8	6
3	7	5	8	2	1	6	4

4 13-10-2014

7	8	4	2	3	1	6	5
5	6	1	3	4	2	8	7
1	2	3	5	7	8	4	6
3	7	2	4	6	5	1	8
6	5	8	7	1	3	2	4
4	3	5	1	8	6	7	2
8	1	7	6	2	4	5	3
2	4	6	8	5	7	3	1

5 07-12-2014

1	6	7	5	2	4	3	8
5	7	2	3	4	6	8	1
4	1	8	7	3	5	2	6
7	3	6	8	5	2	1	4
8	5	4	1	6	3	7	2
2	8	5	4	7	1	6	3
6	4	3	2	1	8	5	7
3	2	1	6	8	7	4	5

6 07-12-2014

3	1	8	7	4	5	6	2
8	7	6	5	2	4	1	3
7	5	2	6	3	1	4	8
4	8	7	1	5	3	2	6
5	2	3	8	1	6	7	4
1	6	4	3	8	2	5	7
6	4	1	2	7	8	3	5
2	3	5	4	6	7	8	1

7

15-12-2014

2	1	3	4	5	6	7	8
5	3	7	8	1	2	4	6
4	5	6	2	3	1	8	7
1	2	4	7	8	3	6	5
3	8	1	6	7	5	2	4
8	4	2	5	6	7	1	3
7	6	8	3	2	4	5	1
6	7	5	1	4	8	3	2

8

15-12-2014

6	1	8	7	3	5	2	4
3	2	4	6	5	7	1	8
4	3	6	8	2	1	7	5
5	8	3	1	7	6	4	2
1	7	5	2	8	4	6	3
7	5	2	4	6	8	3	1
2	4	7	5	1	3	8	6
8	6	1	3	4	2	5	7

9

09-01-2015

1	3	6	8	5	7	4	2
2	5	1	3	7	8	6	4
4	6	8	5	1	2	7	3
7	2	4	1	8	3	5	6
3	1	2	7	6	4	8	5
5	8	7	4	3	6	2	1
6	7	5	2	4	1	3	8
8	4	3	6	2	5	1	7

10

09-01-2015

8	7	4	6	3	5	1	2
3	5	6	1	7	4	2	8
2	6	3	8	1	7	5	4
7	4	8	5	6	2	3	1
5	3	2	4	8	1	7	6
4	1	5	3	2	8	6	7
1	8	7	2	5	6	4	3
6	2	1	7	4	3	8	5

11

23-03-2015

1	2	4	6	3	7	8	5
4	8	6	2	7	1	5	3
3	7	5	1	6	8	2	4
5	3	1	4	8	2	6	7
7	5	2	3	1	6	4	8
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6	1	8	7	4	5	3	2

12

23-03-2015

3	4	8	2	1	5	6	7
8	6	3	5	7	4	2	1
5	8	1	7	6	2	4	3
4	2	7	6	3	1	5	8
1	7	5	4	2	8	3	6
2	1	4	3	8	6	7	5
6	3	2	1	5	7	8	4
7	5	6	8	4	3	1	2

13

06-05-2015

3	5	8	2	6	1	4	7
8	3	6 ¹¹⁺	5	1	2	7 ^{1/}	4
7	8	2	4	3	6 ^{6x}	1 ¹⁻	5
2	6	5	1 ¹⁻	4	7 ¹⁰⁺	3	8
4	1	7	6	8	3	5	2
1	4	7	3	5 ¹¹⁺	8	2	6
5	2	3	8	7	4	6	1 ¹⁻
6	1	4	7	2	5	8	3 ⁹⁺

14

06-05-2015

5	6	2	8	3	7	1	4
3	2	4	7	8	1	6	5
1	8	5	2	4	6	7	3
7	5	1	3	6	8	4	2
2	4	6	1	5	3	8	7
8	7	3	4	1	5	2	6
6	1	7	5	2	4	3	8
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15

05-07-2015

8	7	5	6	3	4	1	2
7	6	3	1	2	5	8	4
3	1	2	8	4	6	7	5
5	4	6	7	8	2	3	1
6	8	4	2	1	7	5	3
4	5	1	3	6	8	2	7
2	3	8	5	7	1	4	6
1	2	7	4	5	3	6	8

16

05-07-2015

3	7	8	1	5	6	2	4
4	8	6	3	7	5	1	2
7	4	2	8	6	3	5	1
6	2	1	7	3	4	8	5
5	1	4	2	8	7	3	6
8	5	3	4	1	2	6	7
2	3	5	6	4	1	7	8
1	6	7	5	2	8	4	3

17

02-11-2015

6	7	5	1	3	8	2	4
5	2	4	7	6	3	1	8
4	8	6	5	2	1	3	7
7	1	3	8	5	2	4	6
8	3	1	6	7	4	5	2
1	5	8	2	4	6	7	3
2	4	7	3	8	5	6	1
3	6	2	4	1	7	8	5

18

02-11-2015

7	8	5	4	3	1	2	6
5	6	8	7	2	4	1	3
8	2	6	1	4	7	3	5
4	1	3	2	5	8	6	7
2	3	4	5	7	6	8	1
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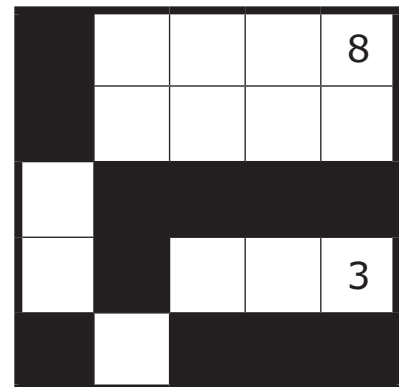
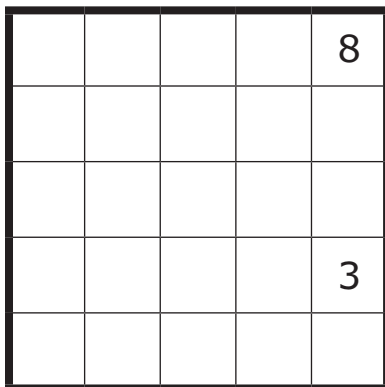


MOCHIKORO

Blacken some cells in order to form rectangular areas of white cells. No two areas share an edge, but all areas are interconnected through their corners. All numbered cells are part of a white area, but not all white areas have a number. The number indicates the amount of white cells in that area, including the cell with the number. Blackened 2x2 areas are not allowed.

MOCHIKORO

Maak vakjes zwart, zodat rechthoekige regio's van witte vakjes ontstaan. Die regio's delen geen grens, maar wel zijn alle regio's met elkaar verbonden door de hoekpuntjes. De cijfers in witte vakjes geven de grootte van de regio, inclusief het vakje met het cijfer. Niet alle regio's hebben een cijfer, en er komen geen zwarte 2x2-blokken voor.



1 15-06-2014

		3			6				
								8	
		6							
			4						1
9									
				6				4	

Hns

2 15-06-2014

								8	
	4								
				4		3			
			8						
			4						
	6								4
							8		

Hns

3 21-07-2014

				8				2	
									2
	8								
					6		6		
					9				
9								2	

Hns

4 21-07-2014

						4			
		6							
								9	
6									
						6			
								4	
	1				6				
				1					

Hns

5 21-08-2014

4							2		
									1
					4			4	
6									
						4			
			2						
									4
6				4					
								1	

Hns

6 21-08-2014

							6		
		3							
			6		4				4
							8		
3									
									2
	4			8					

Hns

7 11-11-2014



					2			3	
4									
						4			
2							8		
			9						
						6			

Hns

8 11-11-2014

				4					3
					6				
7							4		
					4				
									3
				2		6			
		4							

Hns

9 14-01-2015

3					3		4		
3									
			4				6		
						4			
		3							
			6						2
	4						1		

Hns

10 14-01-2015

					1			1	
4									
	3								
								6	
	1				6				
			3						
		4							
					4			6	

Hns

11

14-02-2015

			8						
4								4	
								4	
		6					8		
	2					8		3	

Hns

12

14-02-2015

	3					4			
						6			4
		3							
2									
				4				4	
						1			
4									2

Hns

13

20-03-2015

9							4		
								2	
						8			
4									
								9	
	6			6					

Hns

14

20-03-2015

2							4		
		6							
									3
					4				
3									
						2			
		8							
					8				
			3						

Hns

15

21-04-2015

		4						4	
				6					
1									
								3	
1									
		1							4
				3					
			4		8				
2									

Hns

16

21-04-2015

						8			4
	4								
					4				
4			4						
							6		
	6					4			
								2	

Hns

17

28-04-2015

						2			
	10							4	
							4		
			3						3
2						2			
		9							
	2							6	
			4						

RS

18

28-04-2015

1							4		1
		9							
					6			5	
	4			4					
							6		
1		2							4

RS

19

18-07-2015

									2
				6					
	8								6
			3						
	4		1		4			2	
									1
	4			6					

Hns

20

18-07-2015

	4		4				3		
			1						
									4
	8					2		2	
				8					
	2						4		
					1				

Hns

21

24-08-2015

	1		1					
					3			
	4							4
1								6
	3				4			
			6		4			4

Hns

22

24-08-2015

2		6				6		
							4	
						4		
	4							3
1								
		6						
2								6

Hns

23

18-09-2015

4									
				3				4	
	2				1				
1						3			
			4						1
				2				3	
	8				3				
									3

RS

24

18-09-2015

								8	
	2		3						
1									
		4							2
						1			
			1						
1							4		
									2
						3		2	
	4								

RS

25

31-12-2015

			3			1		1
	2							
		4					6	
2								
					4			
				2				
								4
		3					3	
								2
3			3			1		

RS

26

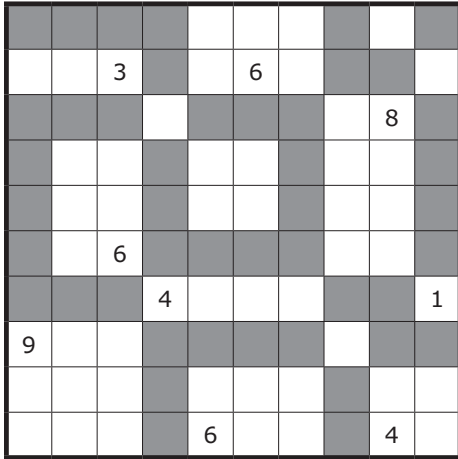
31-12-2015

	2		5					2
						3		
4			6					
						4		4
			2					
1						6	3	

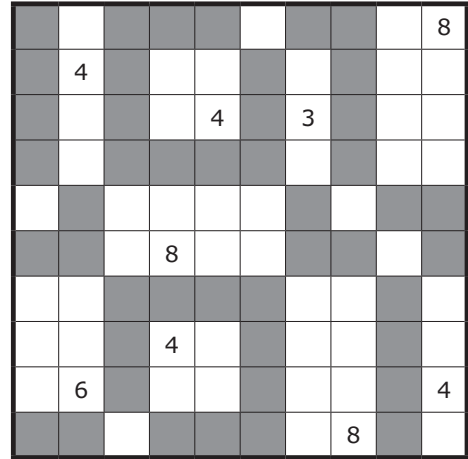
RS

Solutions

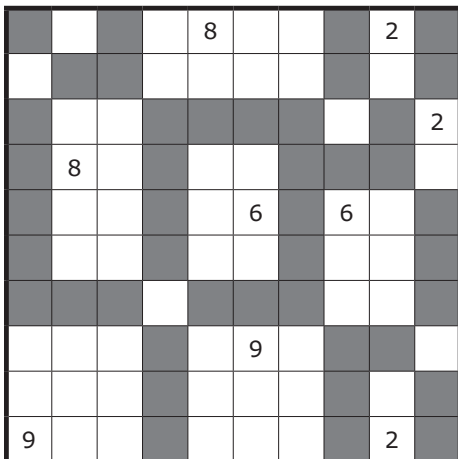
1 15-06-2014



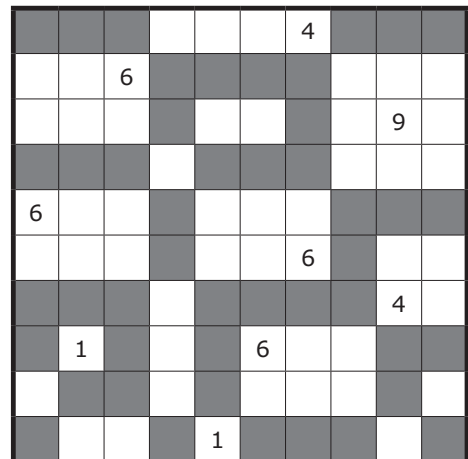
2 15-06-2014



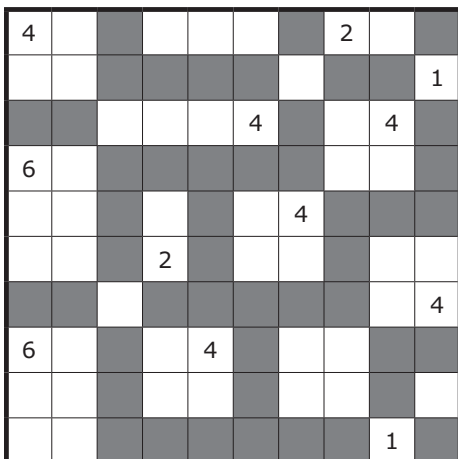
3 21-07-2014



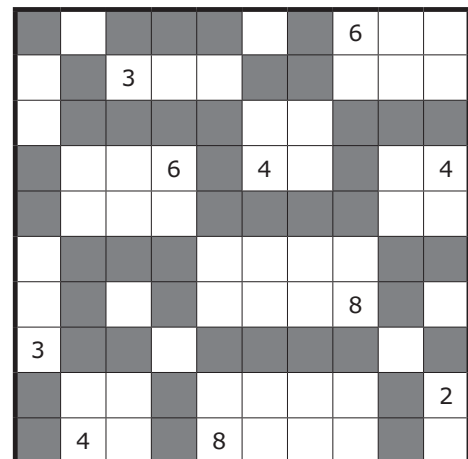
4 21-07-2014



5 21-08-2014

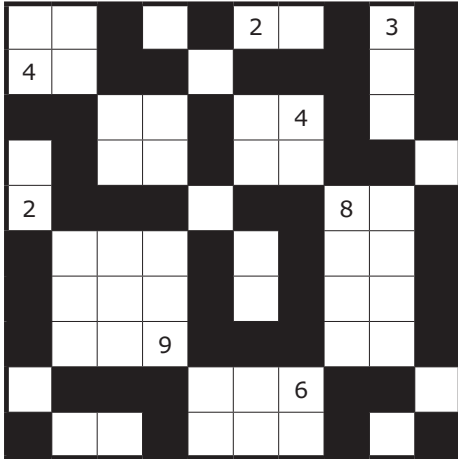


6 21-08-2014

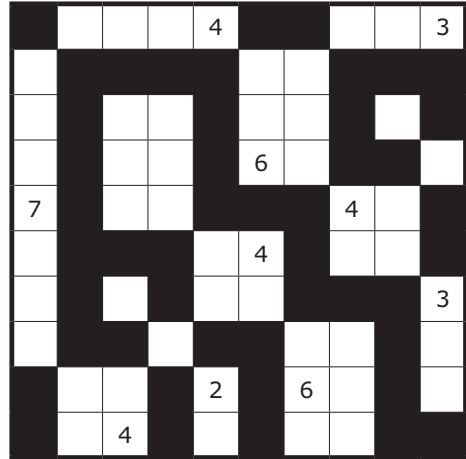


Solutions

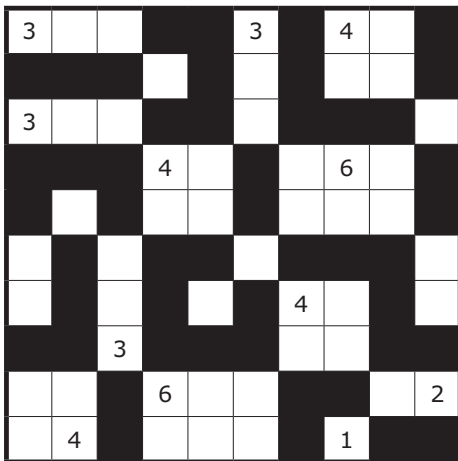
7 11-11-2014



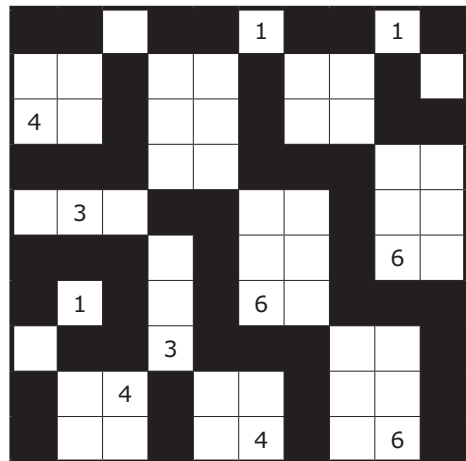
8 11-11-2014



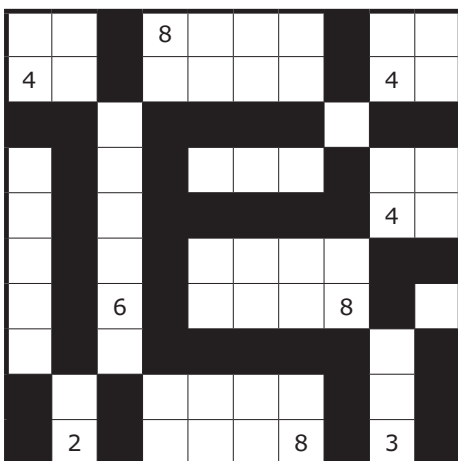
9 14-01-2015



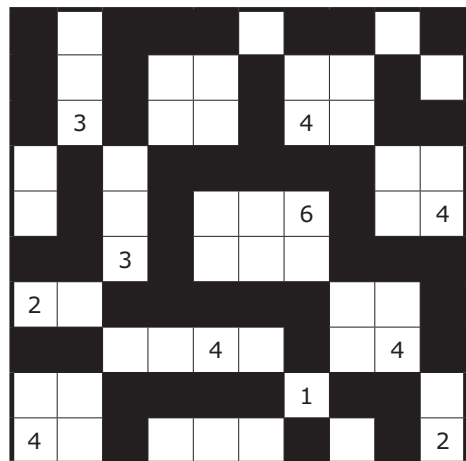
10 14-01-2015



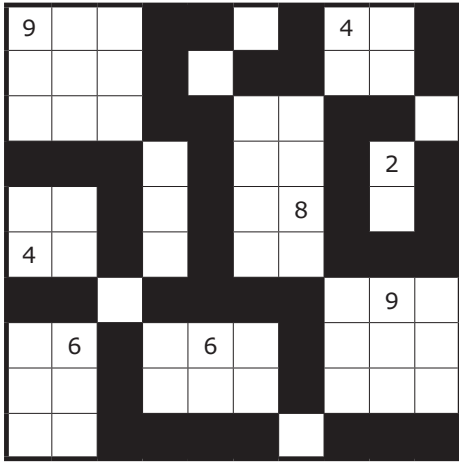
11 14-02-2015



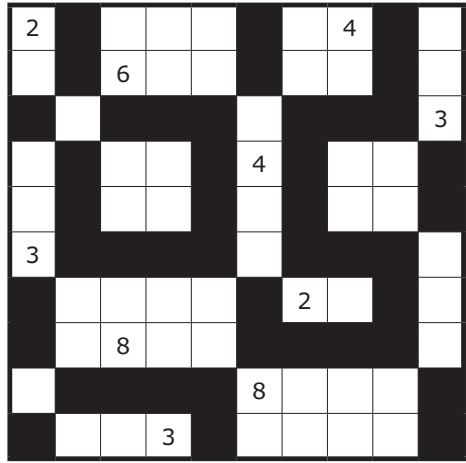
12 14-02-2015



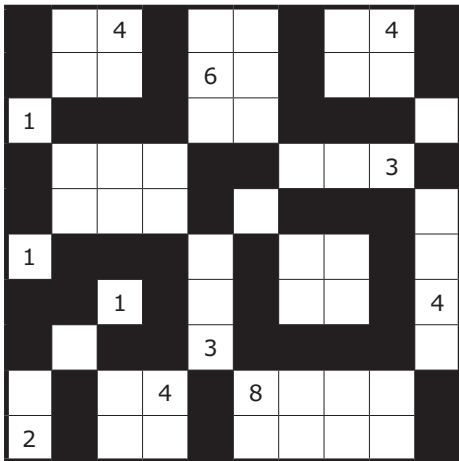
13 20-03-2015



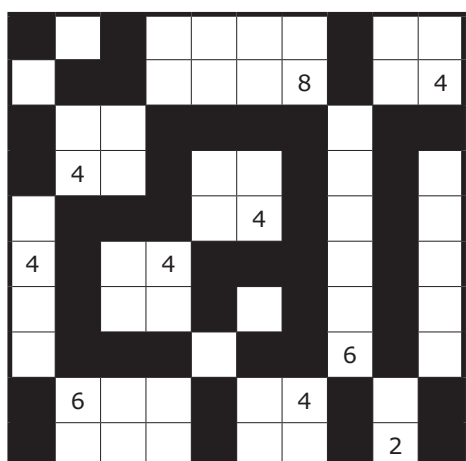
14 20-03-2015



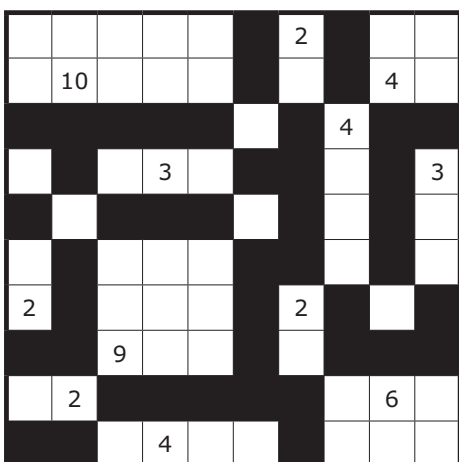
15 21-04-2015



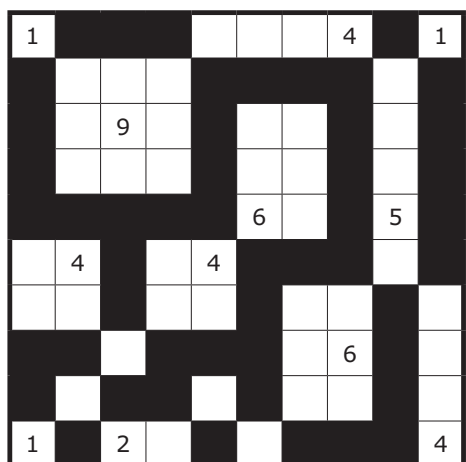
16 21-04-2015



17 28-04-2015

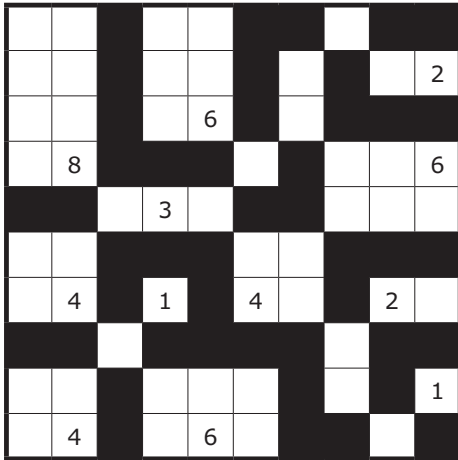


18 28-04-2015



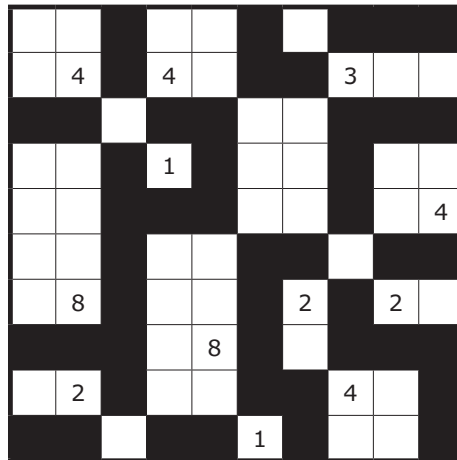
19

18-07-2015



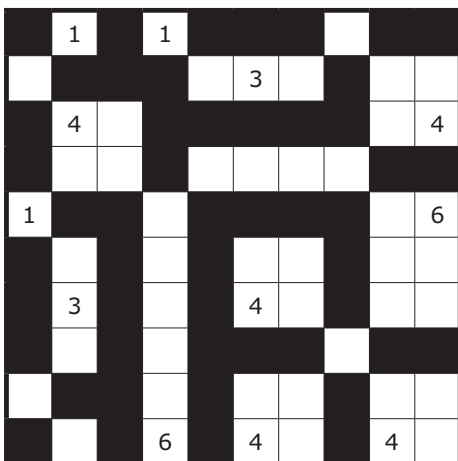
20

18-07-2015



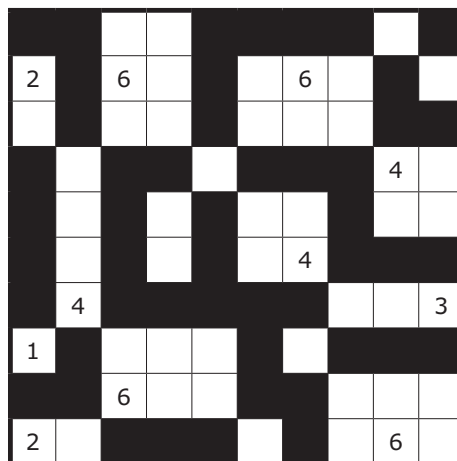
21

24-08-2015



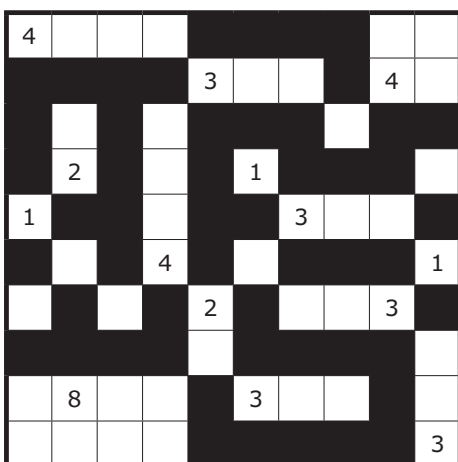
22

24-08-2015



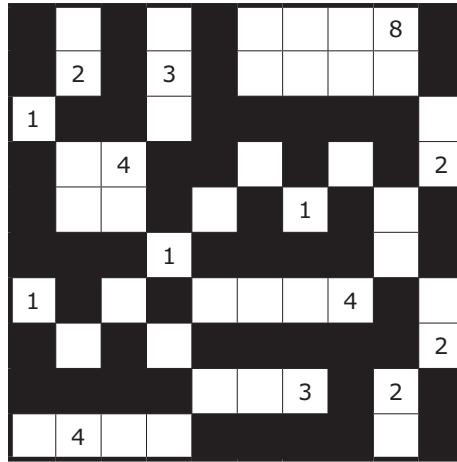
23

18-09-2015



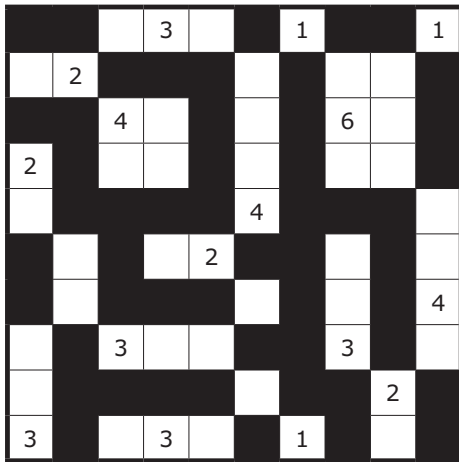
24

18-09-2015



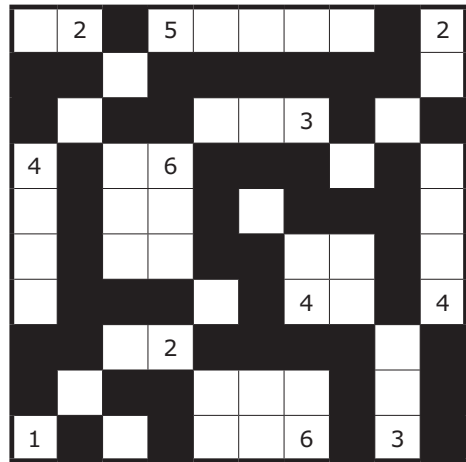
25

31-12-2015



26

31-12-2015





NEIGHBOURS

Place digits 1–3 in the grid so that in each row and column, each digit appears three times. Numbers in grey cells do not share an edge with a cell containing the same number. Numbers in white cells share an edge with at least one cell containing the same number. All grey cells are given.

BUREN

Zet de cijfers 1-3 in het diagram zodat ze in elke rij en in iedere kolom driemaal voorkomen. Cijfers in grijze vakjes grenzen horizontaal of verticaal niet aan een vakje met hetzelfde cijfer. Cijfers in witte vakjes hebben minstens een buurvakje met hetzelfde cijfer. Alle grijze vakjes zijn gegeven.

DIFFICULTY LEVEL

Some puzzles are easy, some are hard. All puzzles have an indication of this level, expressed by 1-5 WCPN squares.



1					
	3				
		1			
			2		
				3	
					1



1	3	1	2	2	3
2	3	2	3	1	1
3	2	1	3	1	2
1	1	2	2	3	3
2	1	3	1	3	2
3	2	3	1	2	1

1 23-05-2014



2				1				2
	1						2	
		3				2		
			1		2			
3				1				2
			1		3			
		2				2		
	1						1	
2				3				1

Hns

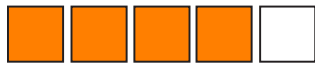
2 23-05-2014



1								
			2		3			
		2				1		
	3						2	
	1						3	
		3				2		
			1		1			
								2

Hns

3 14-06-2014



	3						1	
1								2
			1		2			
3								2
			3		1			
1								2
	1						2	

Hns

4 14-06-2014



3				1				1
		1				2		
2				3				2
		2				3		
1				2				3

Hns

5 12-07-2014



				1				
			2					
		3						
	2							
2								1
							2	
						3		
					2			
				1				

Hns

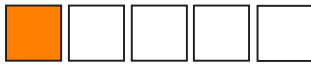
6 12-07-2014



				1				
	3						3	
				3				
1			1		3			2
				3				
	1						1	
				2				

Hns

7 14-07-2014



				3				1
		1				2		
3				1				2
		1				2		
1				1				

Hns

8 14-07-2014



	1			3			2	
	3			2			2	
	1			1			2	

Hns

9

09-08-2014

				2				
	2						2	
				3				
1			2		3			1
				2				
	3						1	
				2				

Hns

10

09-08-2014

				2				
	2						2	
3				3				3
	1						1	
				3				

Hns

11

13-09-014

1								3
		3				2		
				1				
		1				3		
1								2

Hns

12

13-09-014

				1				
2				1				1
				2				

Hns

13 17-11-2014

2								
	1							
		2						
			1		1			
						3		
							1	
								3

Hns

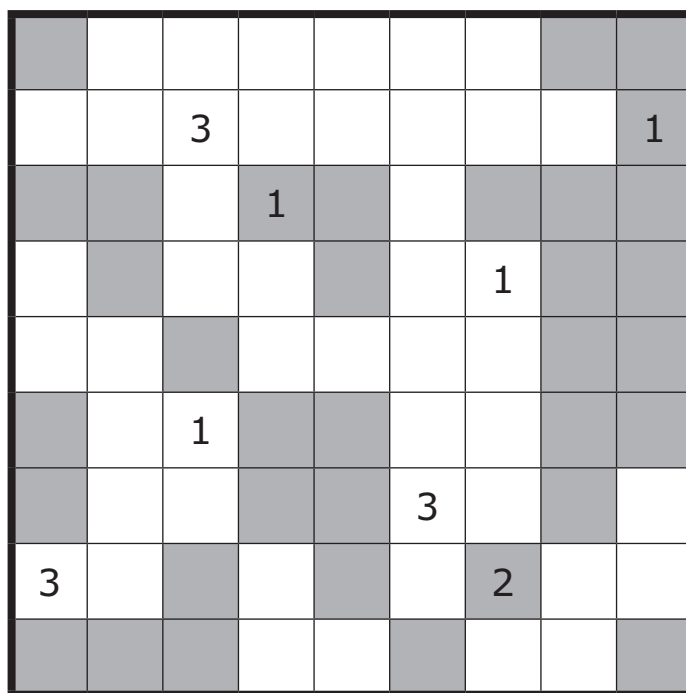
14 17-11-2014

							1	
						1		
					2			
				3				
				1				
			2					
		1						
	2							



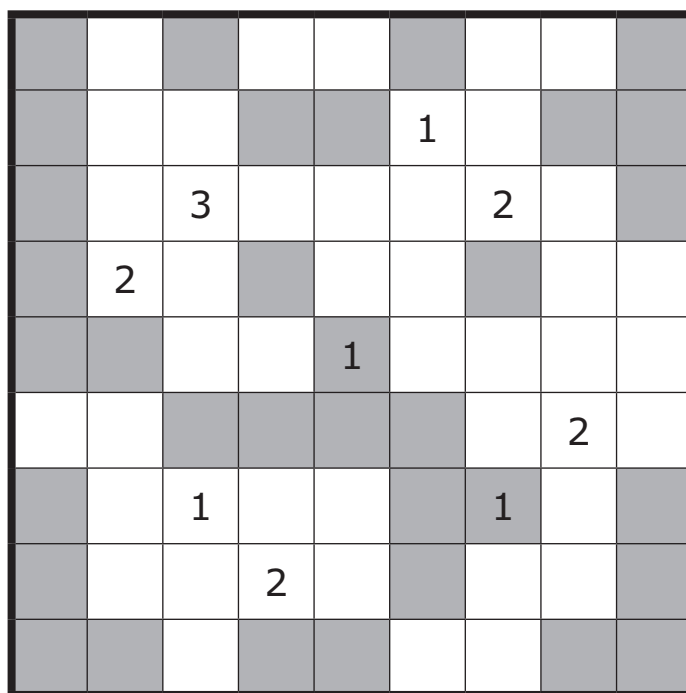
Hns

15 23-12-2014



RS

16 23-12-2014

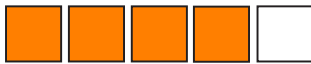


RS

17 26-01-2015

Neighbours - boxes

In these two puzzles (17 and 18) the digits 1, 2 and 3 have to be placed three times on all rows, in all columns and in the nine bold outlined 3x3-boxes.



						1		
							1	
		1						
			3					
					2			
						2		
	1							
		1						

RS

18 26-01-2015



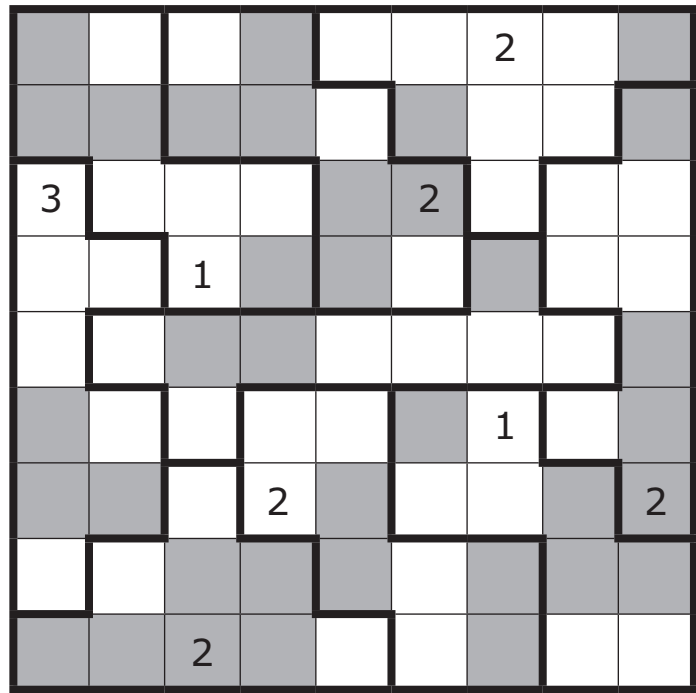
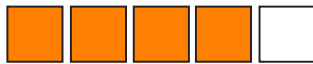
	3						1	
				1				
		2				1		
				2				
	2						3	

RS

19 07-02-2015

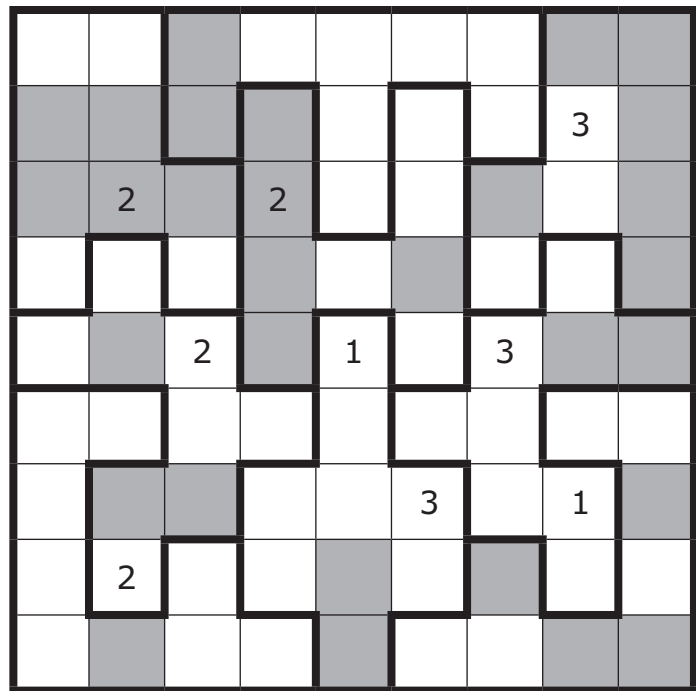
Neighbours - irregular

In these two puzzles (19 and 20) the digits 1, 2 and 3 have to be placed three times on all rows, in all columns and in the nine bold outlined regions.



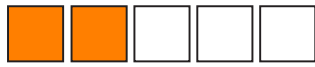
RS

20 07-02-2015



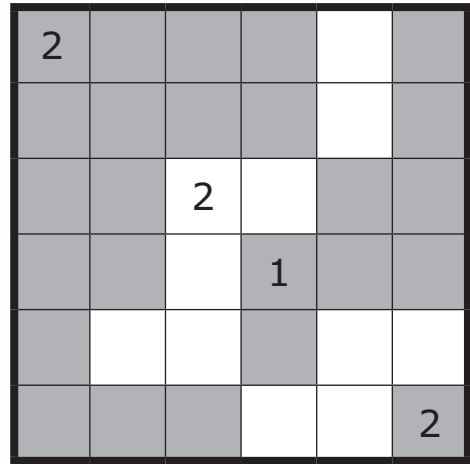
RS

21 13-02-2015



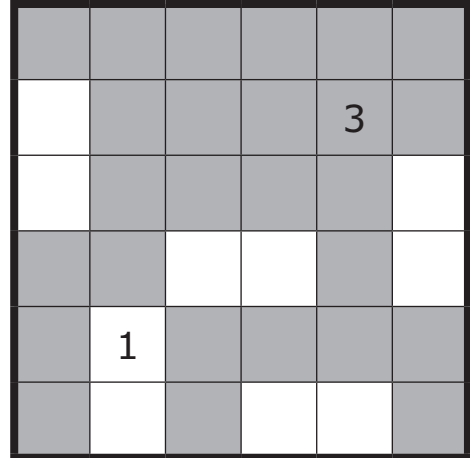
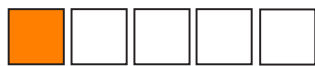
Neighbours

In these two puzzles (21 and 22) the digits 1, 2 and 3 have to be placed two times on all rows and in all columns.



Hns

22 13-02-2015

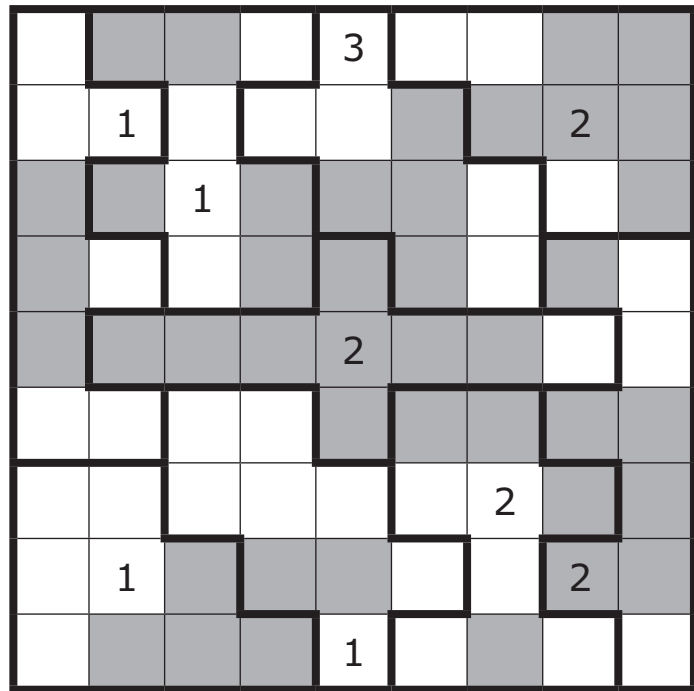


Hns

23 10-03-2015

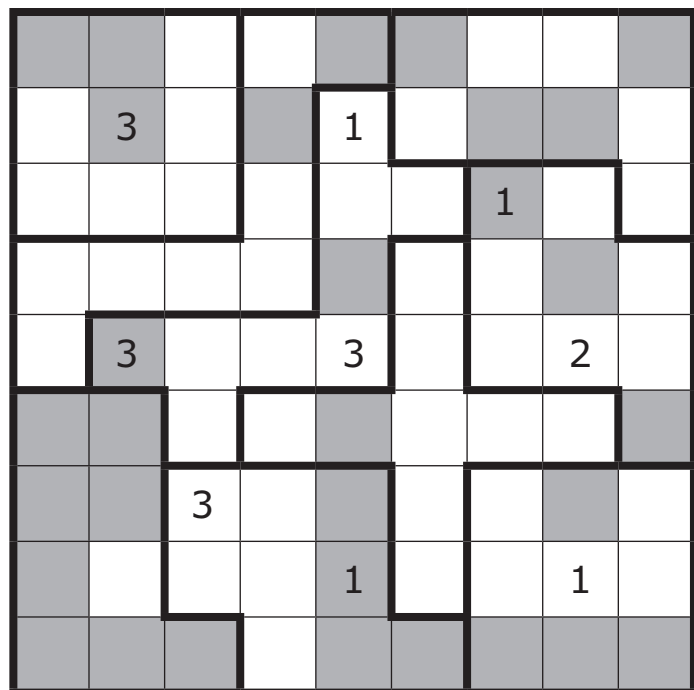
Neighbours - irregular

In these two puzzles (23 and 24) the digits 1, 2 and 3 have to be placed three times on all rows, in all columns and in the nine bold outlined regions.



RS

24 10-03-2015



RS

25 22-03-2015

	3						2	
		1				3		
		2				3		
	3						1	

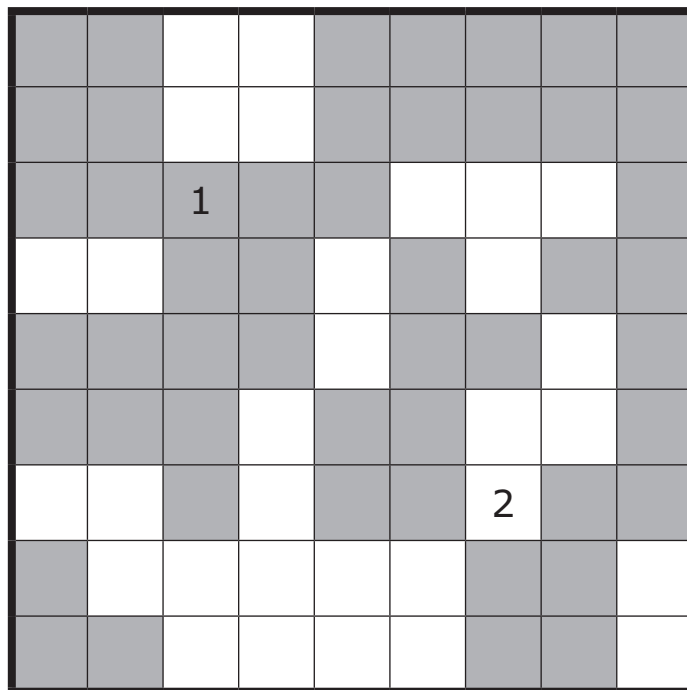
Hns

26 22-03-2015

	1						1	
		2				1		
		1				2		
	3						2	

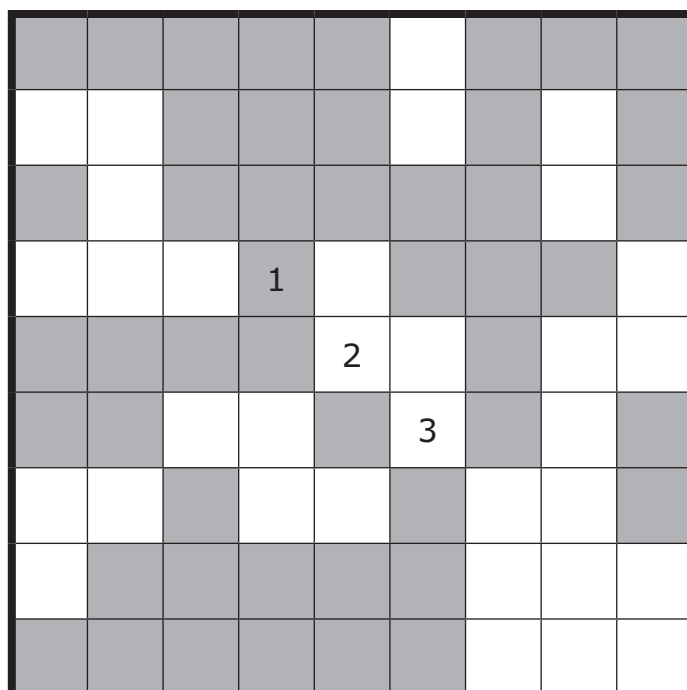
Hns

27 07-04-2015



RS

28 07-04-2015



RS

29 24-05-2015

Neighbours

In these two puzzles (29 and 30) the digits 1, 2 and 3 have to be placed two times on all rows and in all columns.

					1
			2		
		3			
2					

Hns

30 24-05-2015

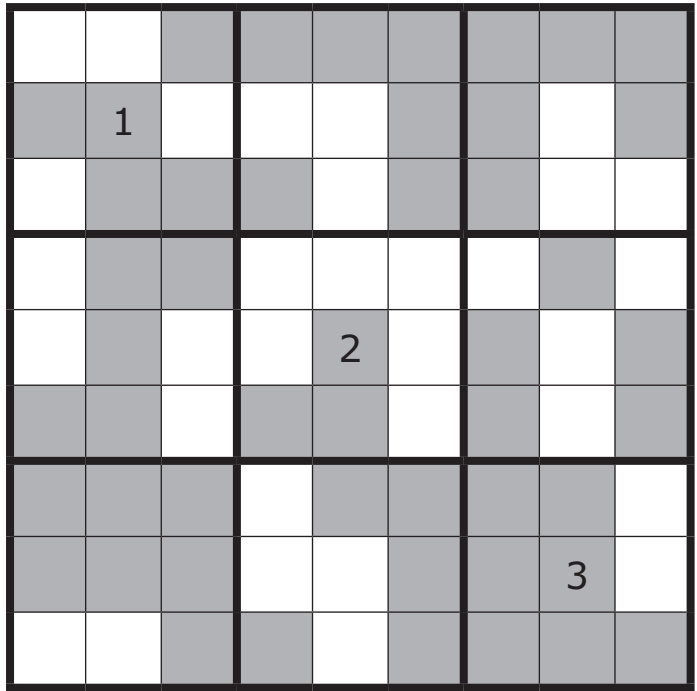
		2			
			1		

Hns

31 02-06-2015

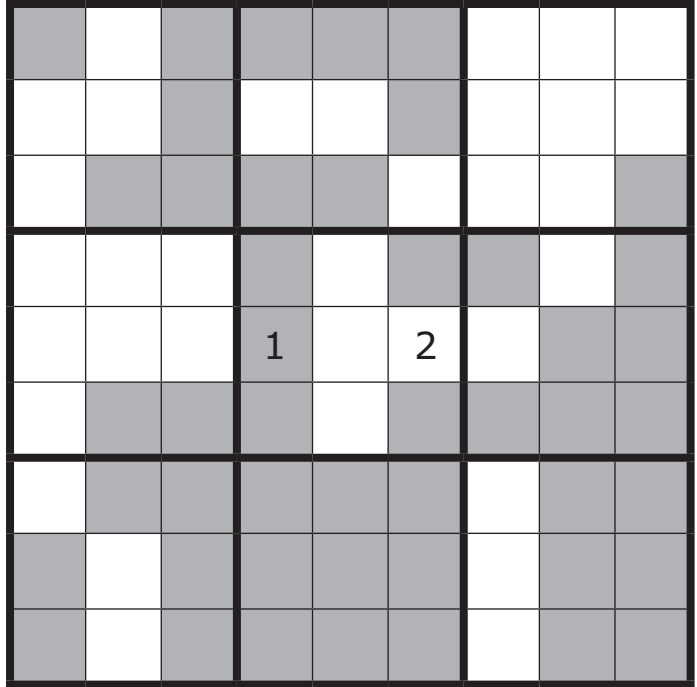
Neighbours - boxes

In these two puzzles (31 and 32) the digits 1, 2 and 3 have to be placed three times on all rows, in all columns and in the nine bold outlined 3x3-boxes.



RS

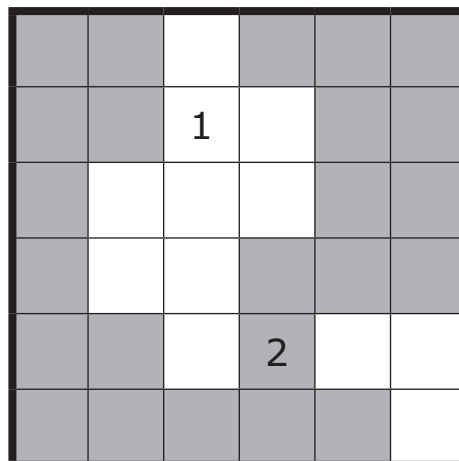
32 02-06-2015



RS

33

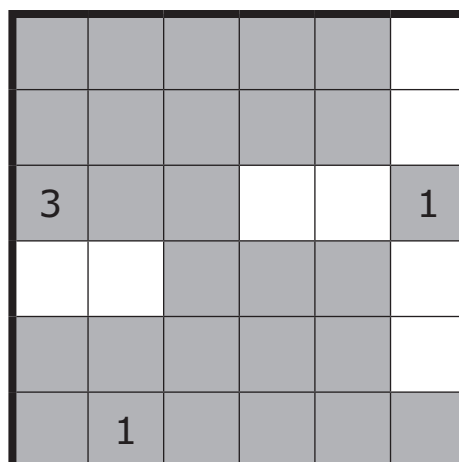
13-06-2015



Hns

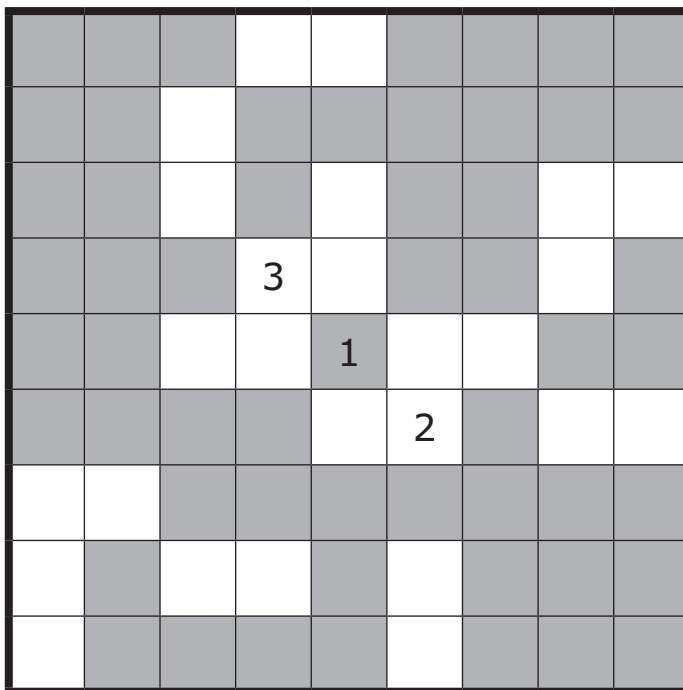
34

13-06-2015



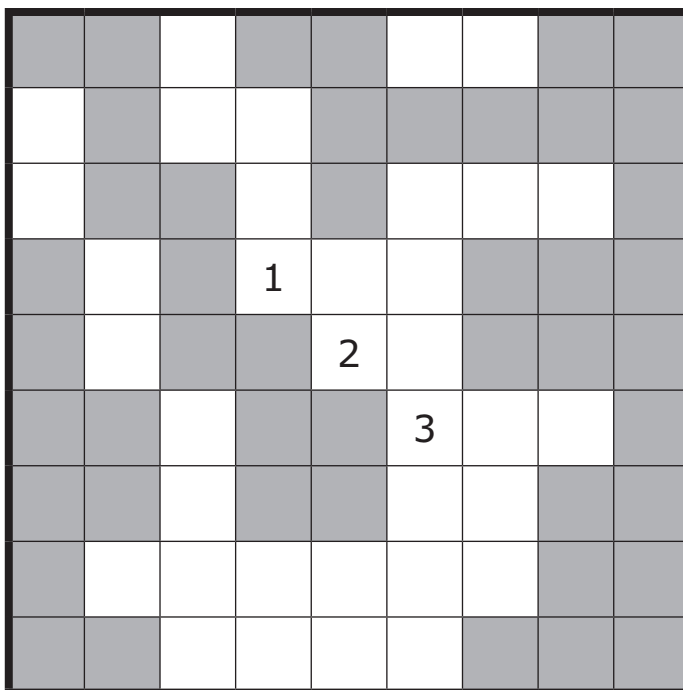
Hns

35 24-06-2015



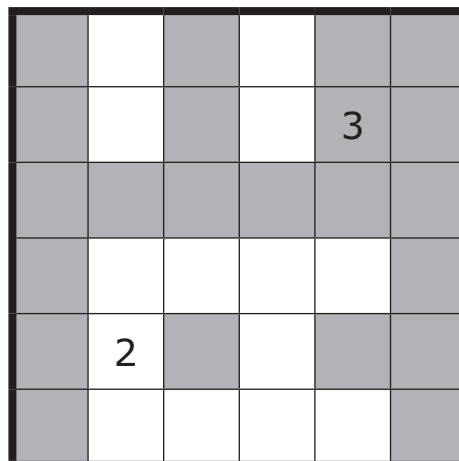
Hns

36 24-06-2015



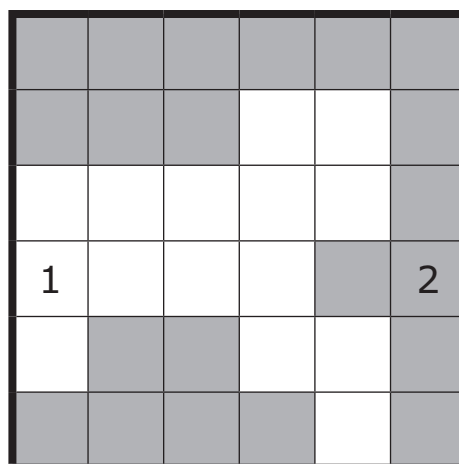
Hns

37 07-07-2015



Hns

38 07-07-2015

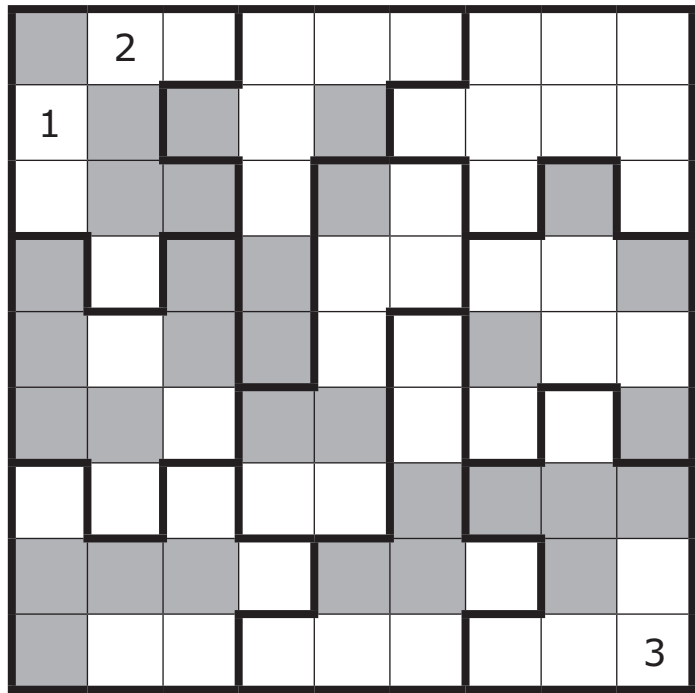


Hns

39 16-07-2015

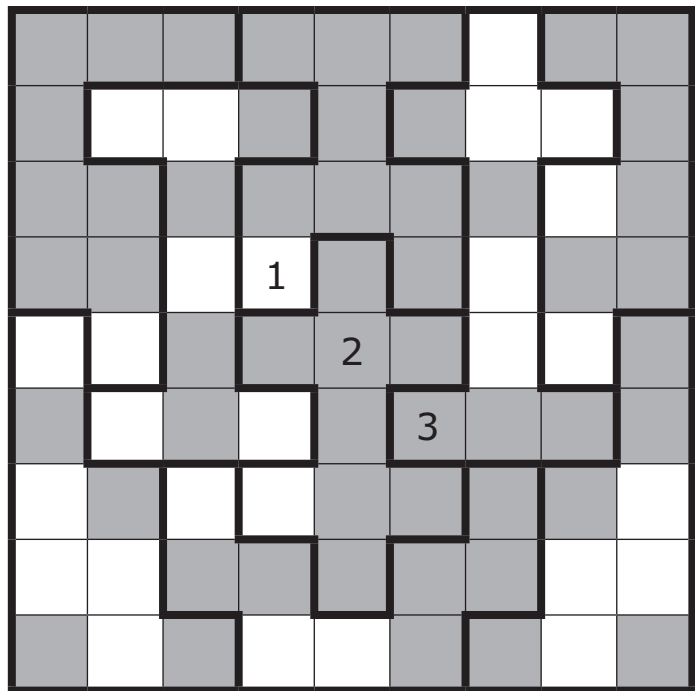
Neighbours - irregular

In these two puzzles (39 and 40) the digits 1, 2 and 3 have to be placed three times on all rows, in all columns and in the nine bold outlined regions.



RS

40 16-07-2015



RS

41 30-07-2015

			3		
					1
2					
		3			

Hns

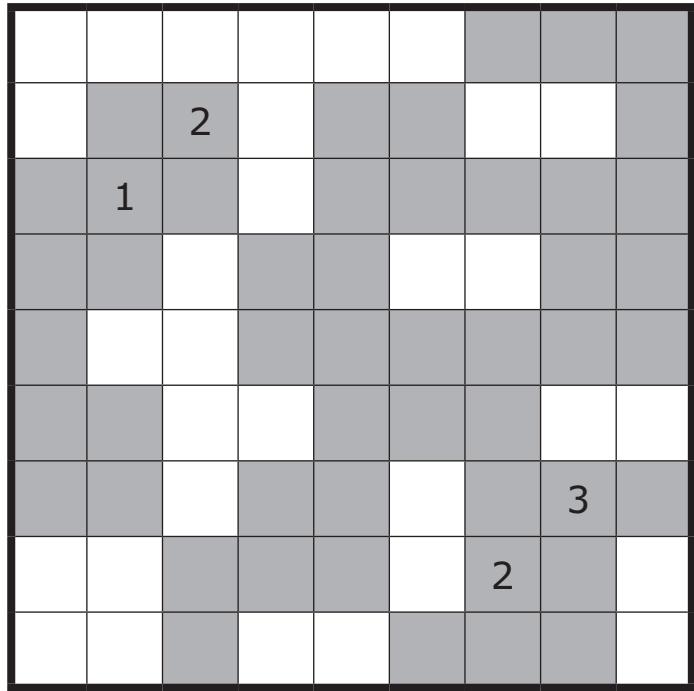
42 30-07-2015

2					
					3

Hns

43

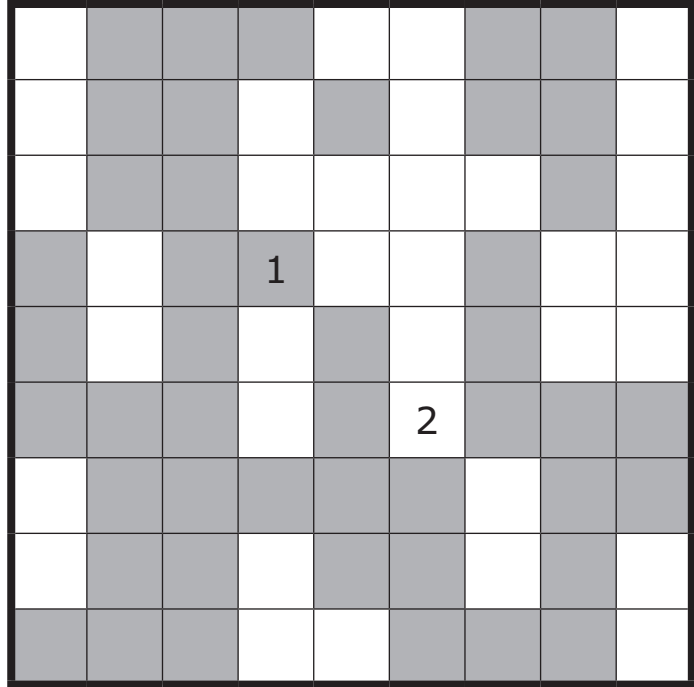
06-09-2015



RS

44

06-09-2015



RS

45 27-09-2015

Neighbours - boxes

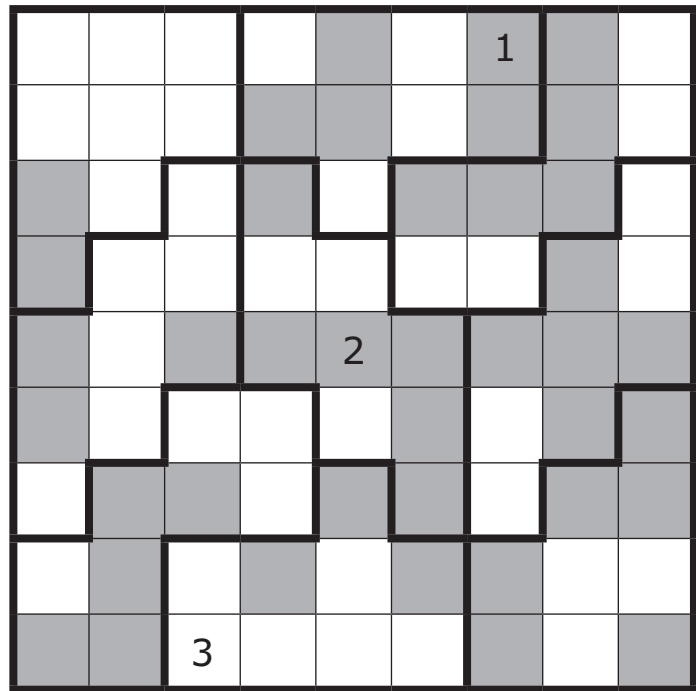
In these two puzzles (45 and 46) the digits 1, 2 and 3 have to be placed three times on all rows, in all columns and in the nine bold outlined 3x3-boxes.

RS

46 27-09-2015

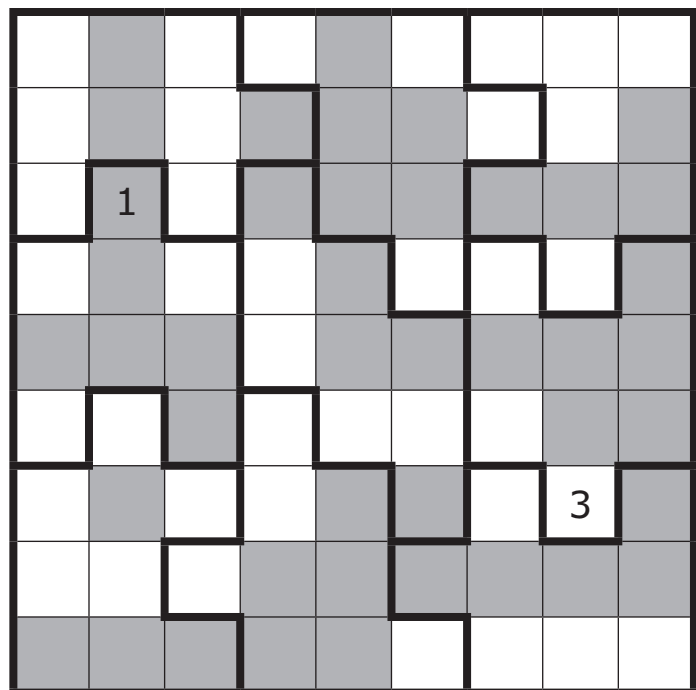
RS

47 10-11-2015



RS

48 10-11-2015



RS

Neighbours - irregular
 In these two puzzles (47 and 48) the digits 1, 2 and 3 have to be placed three times on all rows, in all columns and in the nine bold outlined regions.

Solutions

1 23-05-2014

2	3	1	2	1	1	3	3	2
3	1	1	2	3	2	1	2	3
1	2	3	3	2	1	2	3	1
2	1	3	1	3	2	3	1	2
3	2	1	3	1	3	1	2	2
1	3	2	1	1	3	2	2	3
1	3	2	1	2	1	2	3	3
3	1	3	2	2	2	3	1	1
2	2	2	3	3	3	1	1	1

2 23-05-2014

1	2	3	2	3	3	1	2	1
2	3	1	2	1	3	2	1	3
3	1	2	3	2	2	1	3	1
2	3	1	1	3	1	3	2	2
1	2	2	3	1	2	3	1	3
2	1	3	1	3	2	1	3	2
1	3	3	3	2	1	2	2	1
3	2	2	1	1	1	2	3	3
3	1	1	2	2	3	3	1	2

3 14-06-2014

2	3	1	2	1	2	3	1	3
1	3	3	1	3	2	1	2	2
3	1	2	1	1	2	2	3	3
2	2	3	3	2	3	1	1	1
3	2	1	2	3	1	1	3	2
1	3	2	1	2	3	2	3	1
2	2	3	3	2	1	3	1	1
1	1	2	3	3	1	3	2	2
3	1	1	2	1	3	2	2	3

4 14-06-2014

3	3	2	3	1	2	1	2	1
2	1	3	1	2	3	3	1	2
3	2	1	2	3	1	2	3	1
1	3	2	3	1	2	1	2	3
2	1	3	1	3	1	2	3	2
2	2	3	2	3	3	1	1	1
3	2	2	3	1	1	3	1	2
1	1	1	2	2	2	3	3	3
1	3	1	1	2	3	2	2	3

5 12-07-2014

3	2	1	2	1	1	2	3	3
3	1	3	2	3	2	1	1	2
2	1	3	1	2	3	3	2	1
1	2	1	3	3	1	3	2	2
2	3	2	1	2	3	1	3	1
2	3	1	3	1	1	2	2	3
1	2	3	1	2	3	3	1	2
1	3	2	3	3	2	2	1	1
3	1	2	2	1	2	1	3	3

6 12-07-2014

2	3	1	1	1	2	3	2	3
2	3	2	3	1	1	2	3	1
3	1	3	1	2	2	3	1	2
1	2	1	2	3	3	1	2	3
1	3	2	1	2	3	1	3	2
2	1	2	3	3	2	1	3	1
3	2	1	2	3	1	2	1	3
3	1	3	2	1	3	2	1	2
1	2	3	3	2	1	3	2	1

7

14-07-2014

2	2	1	3	3	1	2	3	1
2	1	2	1	3	2	3	1	3
1	3	1	2	1	3	2	3	2
3	1	2	3	2	3	1	2	1
3	1	3	3	1	2	1	2	2
1	2	3	1	2	3	1	3	2
3	3	1	2	2	1	2	1	3
2	2	2	1	3	1	3	1	3
1	3	3	2	1	2	3	2	1

8

14-07-2014

1	1	2	1	2	3	2	3	3
2	1	3	2	3	1	1	2	3
3	2	3	3	2	1	2	1	1
3	3	2	1	1	2	3	1	2
1	3	1	3	2	3	2	2	1
1	2	1	2	3	3	1	3	2
2	3	1	2	3	2	1	3	1
2	1	2	3	1	1	3	2	3
3	2	3	1	1	2	3	1	2

9

09-08-2014

3	1	2	1	2	1	3	3	2
3	2	3	3	1	2	1	2	1
1	3	1	2	1	3	2	3	2
2	2	3	1	3	2	1	1	3
1	1	3	2	3	3	2	2	1
2	3	1	1	2	1	3	2	3
2	2	2	3	1	1	3	1	3
3	3	2	2	3	2	1	1	1
1	1	1	3	2	3	2	3	2

10

09-08-2014

2	3	1	3	2	1	3	2	1
1	2	3	1	2	3	1	2	3
3	3	1	2	1	2	1	3	2
2	1	2	3	3	1	3	1	2
3	1	2	1	3	2	1	2	3
2	2	3	1	1	3	2	3	1
1	3	2	3	2	1	3	1	2
3	1	3	2	1	2	2	1	3
1	2	1	2	3	3	2	3	1

11

13-09-014

1	2	1	3	2	1	3	2	3
2	3	2	3	1	2	1	3	1
3	2	3	1	3	2	2	1	1
3	1	3	2	2	1	3	1	2
2	1	2	3	1	3	2	3	1
3	2	3	2	1	1	1	2	3
1	3	1	1	2	2	3	3	2
2	1	1	2	3	3	2	1	3
1	3	2	1	3	3	1	2	2

12

13-09-014

3	2	1	3	1	3	1	2	2
2	1	3	2	3	1	2	3	1
3	3	2	1	3	2	1	1	2
1	2	1	2	1	3	2	3	3
2	3	3	3	1	2	1	2	1
1	3	2	1	2	3	3	1	2
2	1	3	2	3	1	2	1	3
3	2	1	3	2	1	3	2	1
1	1	2	1	2	2	3	3	3

13 17-11-2014

3	2	3	1	2	1	3	2	1
2	3	2	3	3	1	1	1	2
3	1	1	2	1	2	3	2	3
1	2	2	3	2	3	1	3	1
1	2	3	1	3	1	2	3	2
2	3	3	2	1	2	3	1	1
3	1	2	1	3	3	2	1	2
1	3	1	2	1	2	2	3	3
2	1	1	3	2	3	1	2	3

14 17-11-2014

3	1	3	1	2	3	2	1	2
2	3	1	2	1	3	1	3	2
1	3	2	3	1	2	3	2	1
2	1	2	1	3	1	2	3	3
3	2	1	2	3	3	1	2	1
1	3	2	3	1	2	3	1	2
2	1	3	2	2	1	3	1	3
3	2	1	1	2	2	1	3	3
1	2	3	3	3	1	2	2	1

15 23-12-2014

2	1	1	3	3	2	2	1	3
1	1	3	3	3	2	2	2	1
2	3	2	1	2	1	3	1	3
3	1	2	2	3	1	1	3	2
3	2	3	2	1	1	1	2	3
1	2	1	3	2	3	1	3	2
2	3	1	2	1	3	3	2	1
3	3	2	1	2	3	2	1	1
1	2	3	1	1	2	3	3	2

16 23-12-2014

2	1	2	3	3	2	1	1	3
3	1	3	1	2	1	2	3	2
1	2	3	3	1	1	2	2	3
3	2	2	1	3	3	1	2	1
2	3	2	2	1	3	3	1	1
1	1	3	1	3	2	3	2	2
2	3	1	2	2	3	1	3	1
1	3	1	2	2	1	3	3	2
3	2	1	3	1	2	2	1	3

17 26-01-2015

3	2	3	1	3	1	1	2	2
2	1	2	3	3	2	1	1	3
3	1	1	2	2	1	3	2	3
1	2	1	3	1	2	3	3	2
3	3	2	2	1	3	2	1	1
1	3	2	1	3	2	3	2	1
2	2	3	3	1	1	2	1	3
1	1	3	1	2	3	2	3	2
2	3	1	2	2	3	1	3	1

18 26-01-2015

2	1	3	3	2	2	1	1	3
2	3	2	3	1	1	3	1	2
3	1	1	2	1	3	2	2	3
1	2	3	2	3	1	2	3	1
3	3	2	2	1	3	1	2	1
1	2	1	3	2	1	3	3	2
3	3	2	1	2	2	3	1	1
1	2	1	1	3	3	2	3	2
2	1	3	1	3	2	1	2	3

19 07-02-2015

3	1	1	3	2	2	2	3	1
1	2	3	1	2	1	3	3	2
3	3	2	2	1	2	1	1	3
2	1	1	3	2	3	2	1	3
2	2	3	1	3	3	1	2	1
3	1	1	2	3	2	1	2	3
1	3	2	2	1	3	3	1	2
2	2	3	1	3	1	2	3	1
1	3	2	3	1	1	3	2	2

20 07-02-2015

3	3	1	2	2	1	1	2	3
2	1	3	1	3	2	2	3	1
1	2	1	2	3	3	1	3	2
3	3	2	1	3	1	2	2	1
3	1	2	3	1	2	3	1	2
1	2	2	1	1	2	3	3	3
1	3	1	2	2	3	3	1	2
2	2	3	3	1	3	2	1	1
2	1	3	3	2	1	1	2	3

21 13-02-2015

2	1	3	1	2	3
3	2	1	3	2	1
1	3	2	2	1	3
3	1	2	1	3	2
2	3	3	2	1	1
1	2	1	3	3	2

22 13-02-2015

3	2	1	3	2	1
1	3	2	1	3	1
1	2	3	2	1	3
2	3	1	1	2	3
3	1	3	2	1	2
2	1	2	3	3	1

23 10-03-2015

2	3	2	1	3	1	1	3	2
2	1	1	1	3	2	3	2	3
3	2	1	3	2	3	1	1	2
2	3	3	2	1	2	1	3	1
3	2	1	3	2	3	2	1	1
1	1	2	2	3	1	3	2	3
3	3	3	1	1	2	2	1	2
1	1	2	3	2	3	3	2	1
1	2	3	2	1	1	2	3	3

24 10-03-2015

3	1	3	3	2	1	2	2	1
2	3	1	2	1	2	3	1	3
2	2	1	3	1	2	1	3	3
1	1	2	3	2	3	3	1	2
1	3	2	1	3	3	1	2	2
3	2	3	1	2	1	1	2	3
2	1	3	1	3	2	2	3	1
3	2	2	2	1	3	3	1	1
1	3	1	2	3	1	2	3	2

25 22-03-2015

3	1	2	1	3	2	2	1	3
1	3	2	3	1	2	1	2	3
1	2	1	2	3	1	3	3	2
2	2	3	3	1	3	2	1	1
1	1	1	3	2	3	2	3	2
2	3	1	1	3	2	1	2	3
3	1	2	2	2	1	3	3	1
2	3	3	1	2	1	3	1	2
3	2	3	2	1	3	1	2	1

26 22-03-2015

2	2	3	1	3	3	1	2	1
3	1	3	2	1	2	3	1	2
1	3	2	1	3	2	1	2	3
2	2	1	2	1	1	3	3	3
3	3	2	3	2	1	2	1	1
2	1	3	1	2	3	1	3	2
1	1	1	2	2	3	2	3	3
1	3	2	3	1	2	3	2	1
3	2	1	3	3	1	2	1	2

27 07-04-2015

3	2	3	3	1	2	1	2	1
2	1	3	3	2	1	2	1	3
1	2	1	2	1	3	3	3	2
3	3	2	1	2	1	3	2	1
1	2	1	3	2	3	1	3	2
2	1	3	2	3	1	2	3	1
3	3	1	2	1	3	2	1	2
1	3	2	1	3	2	1	2	3
2	1	2	1	3	2	3	1	3

28 07-04-2015

3	2	1	2	3	2	1	3	1
1	1	3	1	2	2	3	2	3
2	3	2	3	1	3	1	2	1
3	3	3	1	2	1	2	1	2
1	2	1	3	2	3	1	3	2
3	1	2	2	1	3	2	3	1
2	2	1	3	3	1	3	1	2
2	1	3	2	1	2	3	1	3
1	3	2	1	3	1	2	2	3

29 24-05-2015

3	2	3	1	2	1
1	3	2	3	1	2
2	1	1	2	3	3
3	2	3	1	2	1
1	3	2	3	1	2
2	1	1	2	3	3

30 24-05-2015

3	1	2	1	2	3
2	3	1	2	3	1
3	2	2	3	1	1
1	3	3	1	2	2
1	1	3	2	3	2
2	2	1	3	1	3

31 02-06-2015

3	3	2	1	2	1	2	1	3
2	1	3	3	3	2	1	2	1
1	2	1	2	3	1	3	2	3
1	3	2	1	3	2	2	1	3
1	2	3	1	2	3	1	3	2
2	1	3	2	1	3	2	3	1
3	2	1	3	2	1	3	1	2
2	1	2	3	1	3	1	3	2
3	3	1	2	1	2	3	2	1

32 02-06-2015

3	2	1	3	1	3	2	2	1
1	2	3	2	2	1	3	3	1
1	3	2	3	1	2	2	1	3
2	1	3	2	3	1	3	1	2
2	1	3	1	3	2	2	3	1
3	2	1	2	3	1	3	1	2
3	1	2	1	2	3	1	2	3
2	3	1	3	1	2	1	3	2
1	3	2	1	2	3	1	2	3

33 13-06-2015

1	2	1	3	2	3
2	3	1	1	3	2
3	1	2	2	1	3
2	1	3	1	3	2
3	2	3	2	1	1
1	3	2	3	2	1

34 13-06-2015

3	2	1	3	1	2
1	3	2	1	3	2
3	1	3	2	2	1
2	2	1	3	1	3
1	3	2	1	2	3
2	1	3	2	3	1

35 24-06-2015

3	2	3	1	1	2	3	1	2
1	3	2	3	2	3	1	2	1
2	1	2	1	3	1	2	3	3
1	2	1	3	3	2	1	3	2
3	1	2	2	1	3	3	2	1
1	2	3	1	2	2	1	3	3
3	3	1	2	1	3	2	1	2
2	1	3	3	2	1	3	2	1
2	3	1	2	3	1	2	1	3

36 24-06-2015

2	3	2	1	3	1	1	2	3
3	1	2	2	1	3	2	3	1
3	2	3	2	3	1	1	1	2
2	3	2	1	1	1	3	2	3
1	3	1	3	2	2	1	3	2
3	1	3	2	1	3	2	2	1
1	2	3	1	2	3	3	1	2
2	1	1	3	3	2	2	3	1
1	2	1	3	2	2	3	1	3

37 07-07-2015

2	1	3	1	2	3
3	1	2	1	3	2
2	3	1	2	1	3
1	2	2	3	3	1
3	2	1	3	1	2
1	3	3	2	2	1

38 07-07-2015

2	3	1	2	1	3
3	1	2	1	3	2
2	2	3	1	3	1
1	2	3	3	1	2
1	3	1	2	2	3
3	1	2	3	2	1

39 16-07-2015

3	2	2	3	3	2	1	1	1
1	3	1	2	1	2	3	3	2
1	2	3	2	3	1	3	1	2
2	1	2	3	2	1	3	3	1
3	1	3	1	2	3	1	2	2
1	3	1	2	1	3	2	2	3
2	2	1	3	3	2	1	3	1
3	1	2	1	2	3	2	1	3
2	3	3	1	1	1	2	2	3

40 16-07-2015

3	2	1	2	1	3	1	2	3
2	3	3	1	3	2	1	1	2
3	1	2	3	1	2	2	1	3
2	3	1	1	3	2	3	2	1
1	1	2	3	2	1	3	3	2
2	1	3	2	1	3	2	1	3
1	3	2	2	3	1	3	2	1
1	2	1	3	2	3	2	3	1
3	2	3	1	2	1	1	3	2

41 30-07-2015

3	2	1	3	1	2
1	3	2	1	2	3
3	1	2	2	3	1
2	2	3	1	1	3
2	1	1	3	3	2
1	3	3	2	2	1

42 30-07-2015

2	3	1	3	1	2
3	1	2	2	3	1
1	2	3	1	2	3
2	1	3	3	2	1
3	3	2	1	1	2
1	2	1	2	3	3

43

06-09-2015

2	2	3	3	1	1	3	2	1
2	3	2	1	3	2	1	1	3
3	1	3	1	2	1	2	3	2
2	3	1	2	1	3	3	2	1
3	1	1	3	2	1	2	3	2
1	3	2	2	3	2	3	1	1
3	1	2	1	2	3	1	3	2
1	2	3	2	1	3	2	1	3
1	2	1	3	3	2	1	2	3

44

06-09-2015

2	3	1	2	3	3	1	2	1
2	1	2	3	1	3	2	3	1
2	3	1	3	2	1	1	2	3
3	2	3	1	2	1	2	1	3
1	2	1	2	3	2	3	1	3
3	1	3	2	1	2	1	3	2
1	3	2	3	2	1	3	2	1
1	2	3	1	3	2	3	1	2
3	1	2	1	1	3	2	3	2

45

27-09-2015

3	3	2	2	3	1	2	1	1
1	3	2	3	2	1	3	2	1
1	2	1	2	1	3	3	3	2
2	1	3	1	3	2	2	1	3
3	1	2	1	2	3	1	2	3
2	3	1	3	2	1	3	1	2
2	2	3	1	3	2	1	3	1
1	2	1	3	1	3	2	3	2
3	1	3	2	1	2	1	2	3

46

27-09-2015

1	3	2	3	2	1	2	1	3
3	1	1	3	1	2	3	2	2
2	2	3	2	1	3	1	3	1
3	2	1	1	2	1	3	2	3
1	3	2	3	3	2	2	1	1
1	2	3	1	2	3	1	3	2
2	1	3	2	1	3	1	2	3
3	1	1	2	3	1	2	3	2
2	3	2	1	3	2	3	1	1

47

10-11-2015

3	2	1	1	2	3	1	2	3
3	2	1	2	1	3	2	1	3
1	3	2	1	3	2	3	2	1
2	3	2	2	3	1	1	3	1
3	1	3	1	2	3	2	1	2
2	1	1	3	3	2	3	2	1
1	3	2	3	2	1	3	1	2
1	2	3	2	1	2	1	3	3
2	1	3	3	1	1	2	3	2

48

10-11-2015

1	2	1	1	3	2	2	3	3
1	3	2	3	2	3	1	1	2
3	1	2	1	3	2	3	2	1
3	2	3	3	2	1	1	1	2
2	1	2	3	1	3	2	3	1
3	3	1	2	2	1	1	2	3
2	1	3	2	1	2	3	3	1
2	2	3	1	3	1	2	1	3
1	3	1	2	1	3	3	2	2



RIPPLE EFFECT

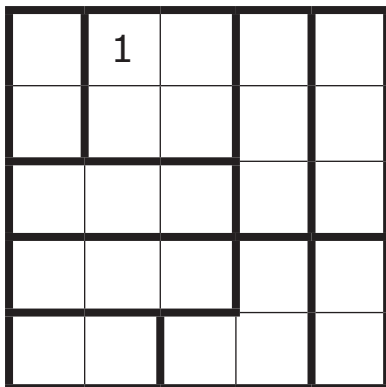
Every black bordered shape must contain the consecutive integers from 1 to the quantity of cells in that shape. If two identical numbers appear in the same row or column, at least that many cells with other numbers must separate them. For example, two cells both containing '3' must have at least three cells with other numbers between them in that row or column.

VLINDERSLAG

In elk vakje komt een cijfer te staan. In een zwart omrande regio van 1 vakje komt een 1, in een regio van 2 vakjes komen een 1 en een 2, enzovoort. Als er twee dezelfde cijfers op een rij of in een kolom staan zijn die gescheiden door tenminste zoveel vakjes als dat cijfer aangeeft. Tussen twee vieren in dezelfde kolom staan dus minstens vier vakjes met een ander cijfer.

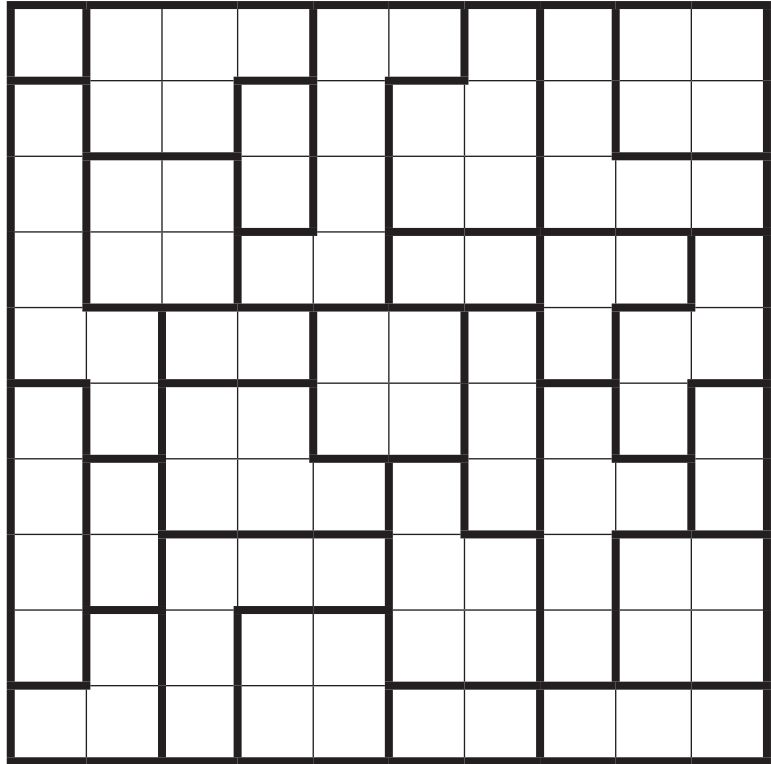
DIFFICULTY LEVEL

Some puzzles are easy, some are hard. All puzzles will have an indication of this level, expressed by 1-5 WCPN squares.



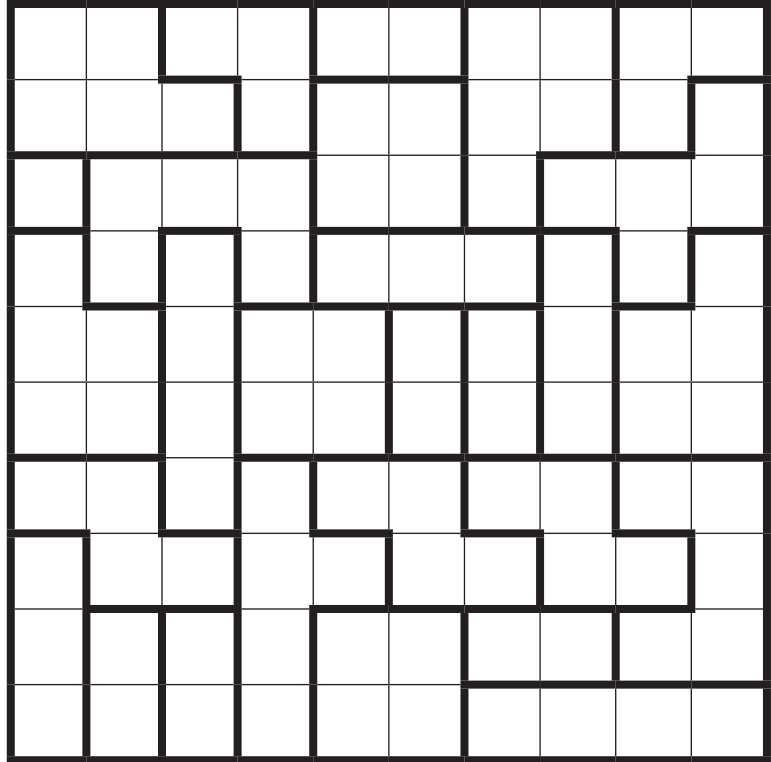
2	1	3	2	1
1	2	4	3	2
3	1	2	1	3
2	3	1	2	1
1	2	3	1	2

1 01-05-2015



RS

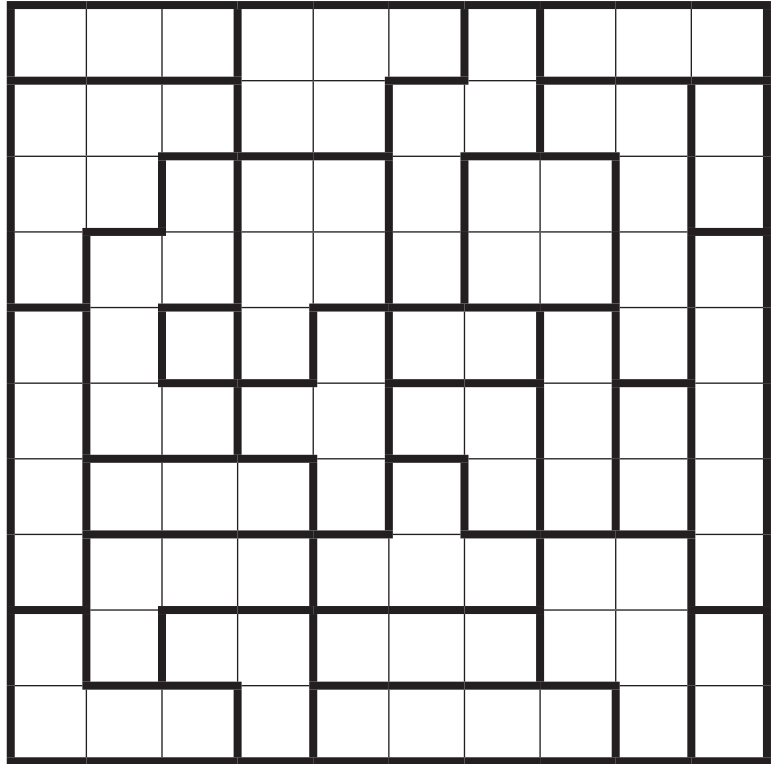
2 01-05-2015



RS

3

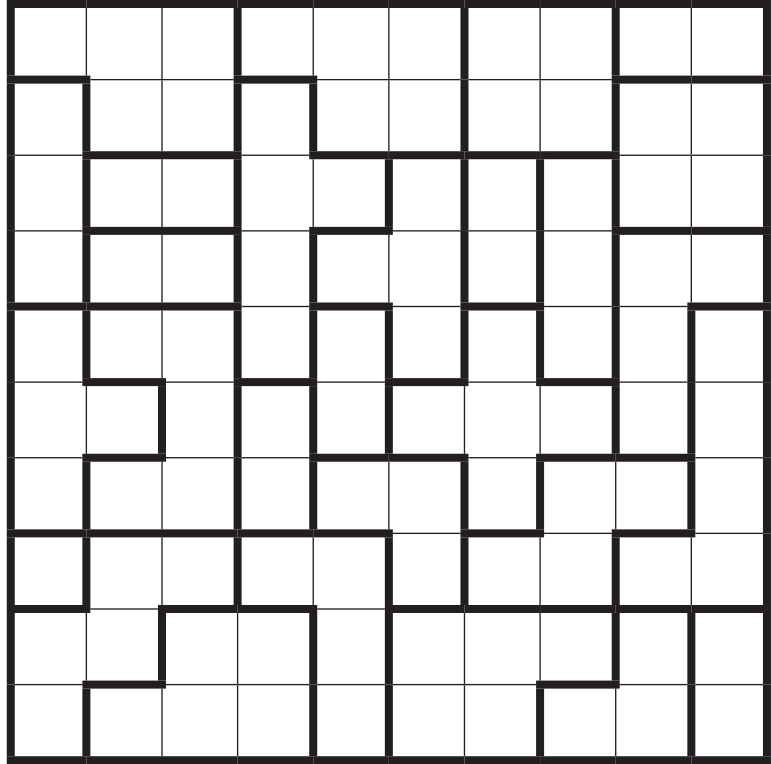
20-09-2015



RS

4

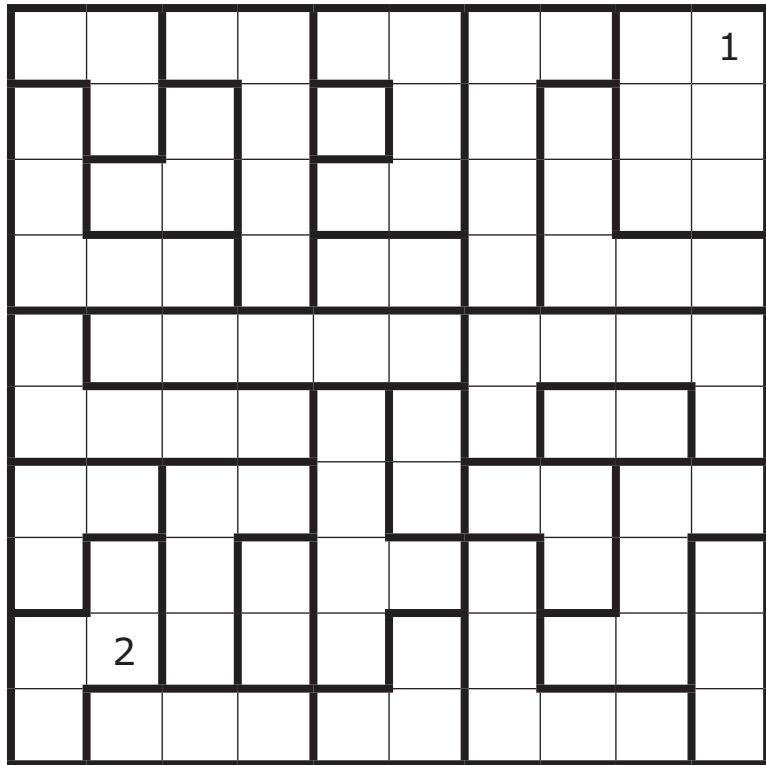
20-09-2015



RS

5

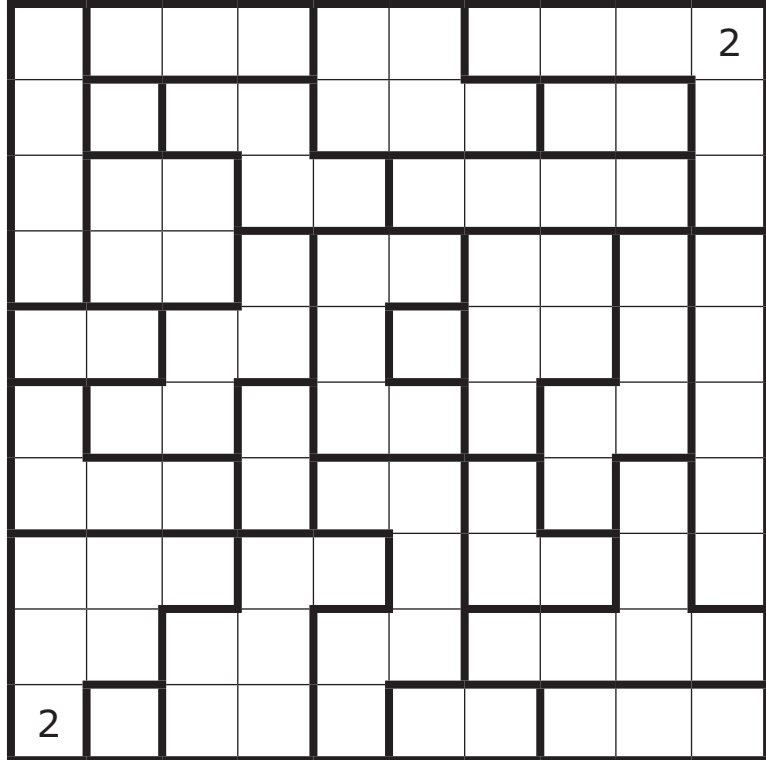
13-10-2015



BdL

6

13-10-2015



BdL

Solutions

1 01-05-2015

1	2	3	4	2	5	1	2	4	3
4	5	1	2	1	3	4	5	2	1
2	3	4	1	6	2	5	3	1	4
5	2	1	3	4	1	2	1	3	2
3	1	2	1	3	4	1	2	1	3
2	6	3	4	2	1	3	1	4	1
4	1	5	2	1	3	2	4	5	2
1	2	4	3	5	2	1	3	2	4
3	1	2	1	3	5	4	2	1	3
2	3	1	2	4	1	2	1	3	2

2 01-05-2015

2	4	1	3	2	1	4	1	3	2
5	1	3	2	1	4	2	3	1	5
1	2	1	4	3	2	5	1	2	3
2	3	4	5	2	3	1	2	4	1
3	5	1	2	4	1	2	1	3	4
1	4	2	3	1	2	1	3	5	2
4	2	3	1	2	1	3	4	2	1
2	3	1	2	5	3	4	2	1	3
3	1	2	4	3	1	2	1	4	5
1	2	1	3	4	2	1	3	2	4

3 20-09-2015

3	1	2	5	3	4	1	2	1	3
4	3	5	2	1	3	4	1	5	2
1	2	3	1	5	2	3	4	2	1
6	1	2	3	4	5	1	2	3	4
3	4	1	2	3	1	2	1	4	2
2	5	6	4	1	2	1	3	2	1
4	2	3	1	2	4	3	2	1	5
1	3	4	2	1	3	2	1	5	3
3	1	2	1	3	2	1	4	3	2
2	4	1	3	2	1	4	3	2	1

4 20-09-2015

4	2	3	5	2	4	3	1	2	1
2	5	1	2	3	1	4	2	1	3
3	1	2	4	5	3	2	1	4	2
1	2	1	3	4	2	1	3	2	4
2	4	3	1	2	1	3	2	1	5
1	3	5	2	1	4	2	1	3	2
4	1	2	1	3	1	5	4	2	3
1	2	4	3	1	2	1	3	4	1
3	5	1	2	4	3	2	5	1	2
1	4	3	5	2	1	4	2	3	1

5 13-10-2015

3	1	4	2	3	1	2	5	4	1
4	2	1	3	1	5	1	4	3	6
1	3	2	5	4	2	3	1	2	5
2	5	3	1	2	1	4	3	5	2
3	4	5	2	1	3	2	6	1	3
5	2	1	4	3	2	5	1	2	4
1	3	2	1	5	1	3	2	4	1
2	1	3	2	1	4	2	1	3	2
3	2	4	1	2	3	1	5	2	3
4	1	2	3	1	2	4	3	5	1

6 13-10-2015

4	2	1	3	2	4	5	3	6	2
3	1	4	2	5	3	1	2	1	4
1	4	2	1	3	1	2	4	3	1
2	1	3	4	1	5	3	1	4	2
1	2	1	3	2	1	4	5	2	3
3	5	2	1	4	3	2	1	5	1
2	1	4	2	1	6	1	3	1	4
6	3	1	5	2	4	3	2	6	5
5	4	6	1	3	2	5	4	2	3
2	1	3	4	5	1	2	1	3	2



STAR BATTLE

Place two stars with the size of one cell in each row, column and outlined region. The stars do not touch each other, not even diagonally.

STERRENSLAG

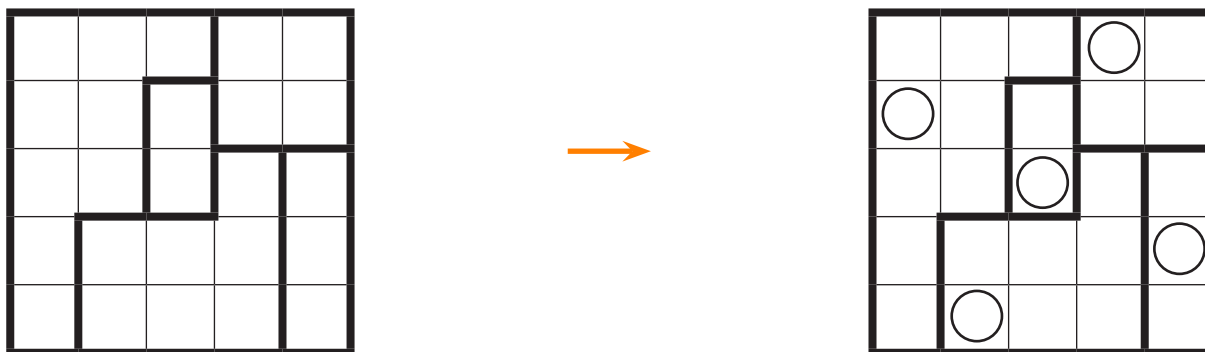
Plaats twee sterren ter grootte van één vakje in iedere kolom, op elke rij en in elk zwart omrand vak. De sterren raken elkaar nergens, ook niet diagonaal.

DIFFICULTY LEVEL

Some puzzles are easy, some are hard. All puzzles will have an indication of this level, expressed by 1-5 WCPN squares.

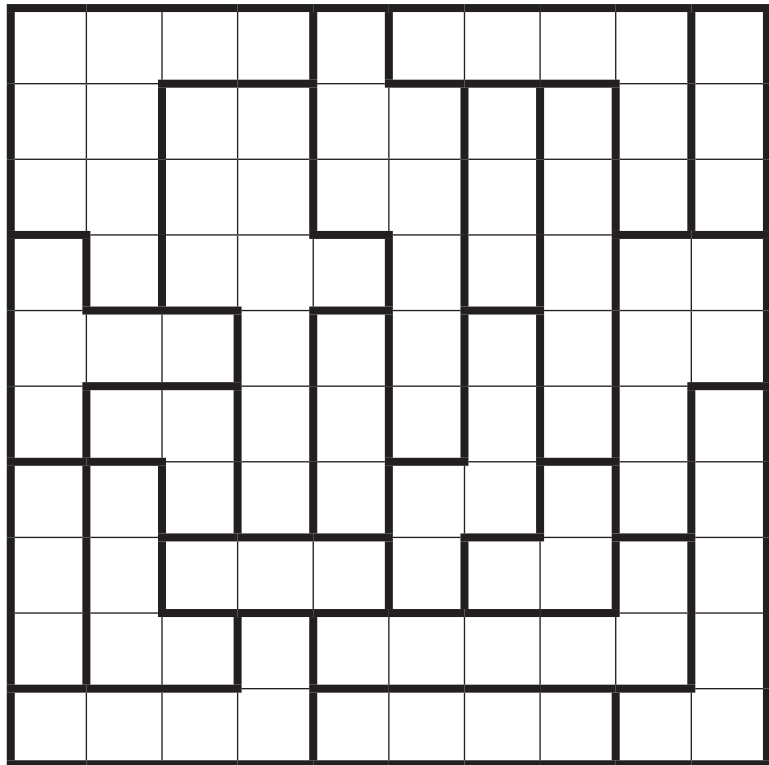


The first time Hns made this puzzle for the WPC in Arnhem (2003). In all those years Hns made a lot of variations, with three stars, with two or even four grids (with the same solution) and so on.



1 13-08-2014

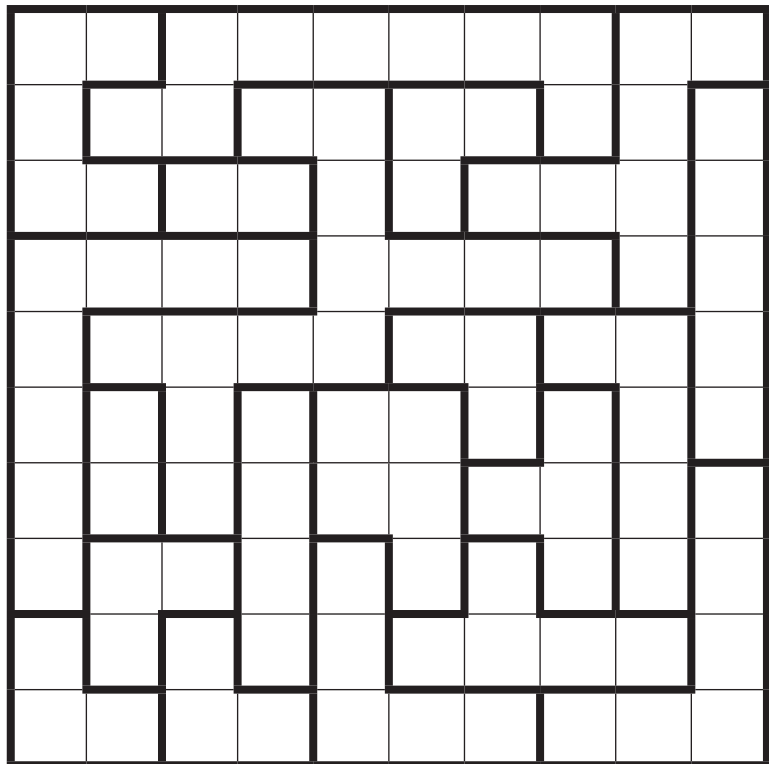
Two stars in each row and column, one star in each bold outlined region.



Hns

2 13-08-2014

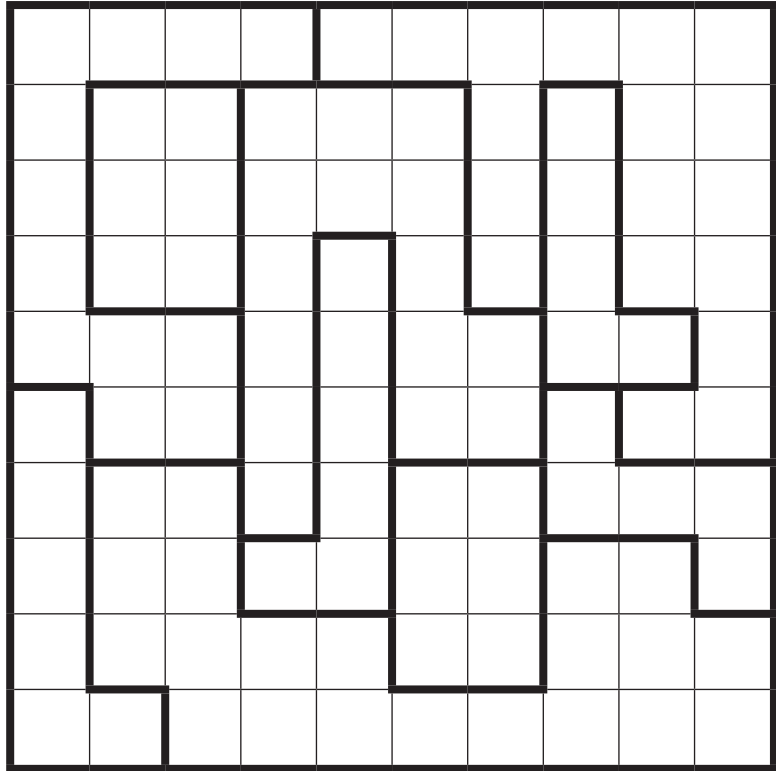
Two stars in each row and column, one star in each bold outlined region.



Hns

3 30-10-2014

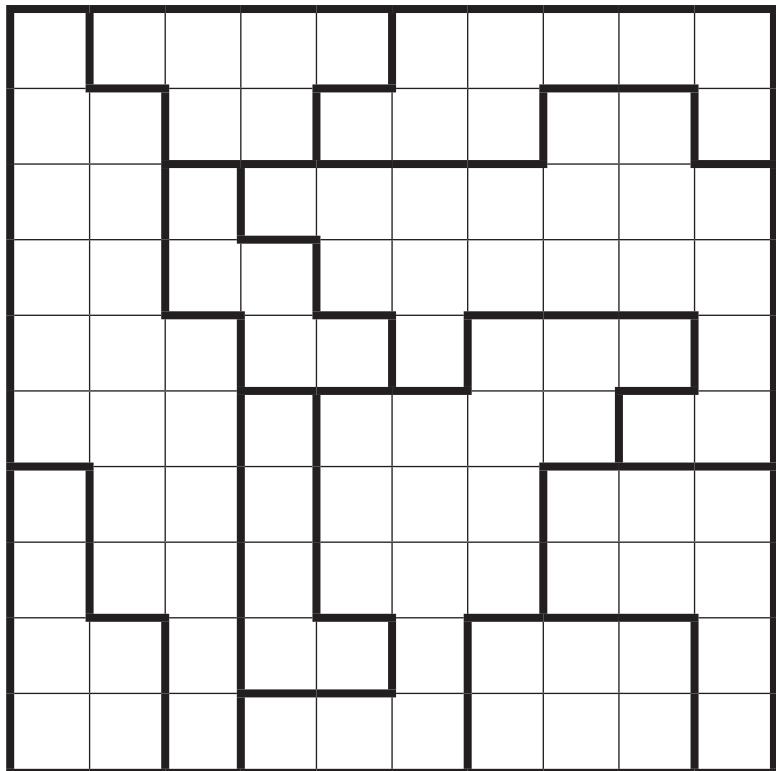
Two stars in each row and column, two stars in each bold outlined region.



RS

4 30-10-2014

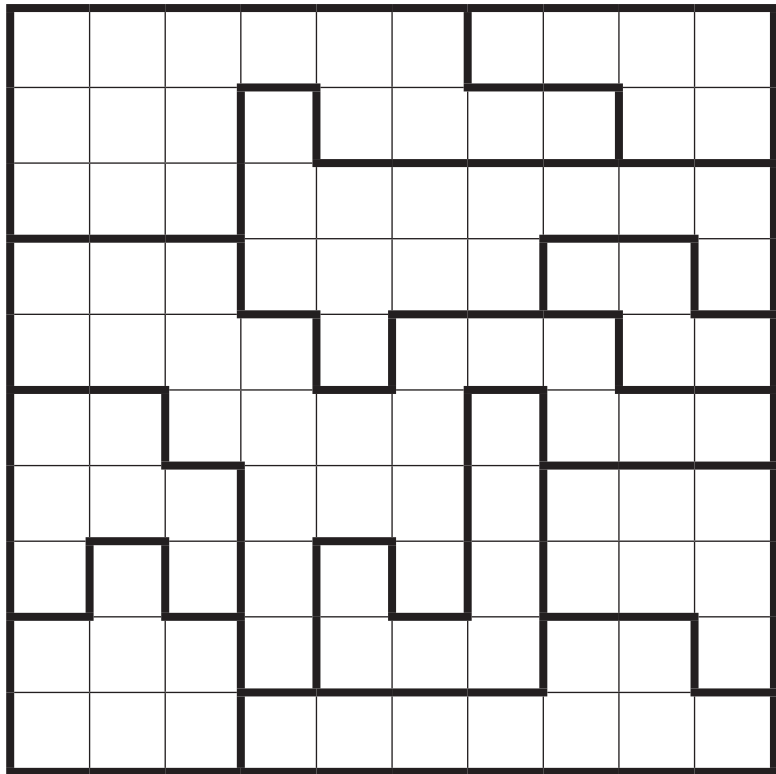
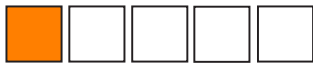
Two stars in each row and column, two stars in each bold outlined region.



RS

5

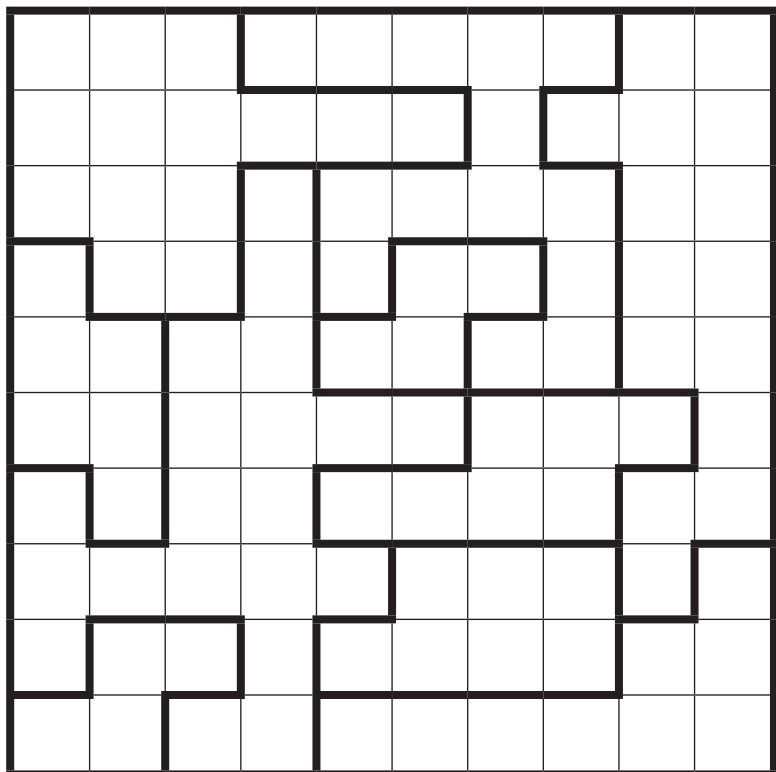
25-12-2014



RS

6

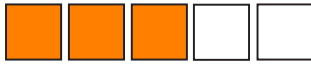
25-12-2014



RS

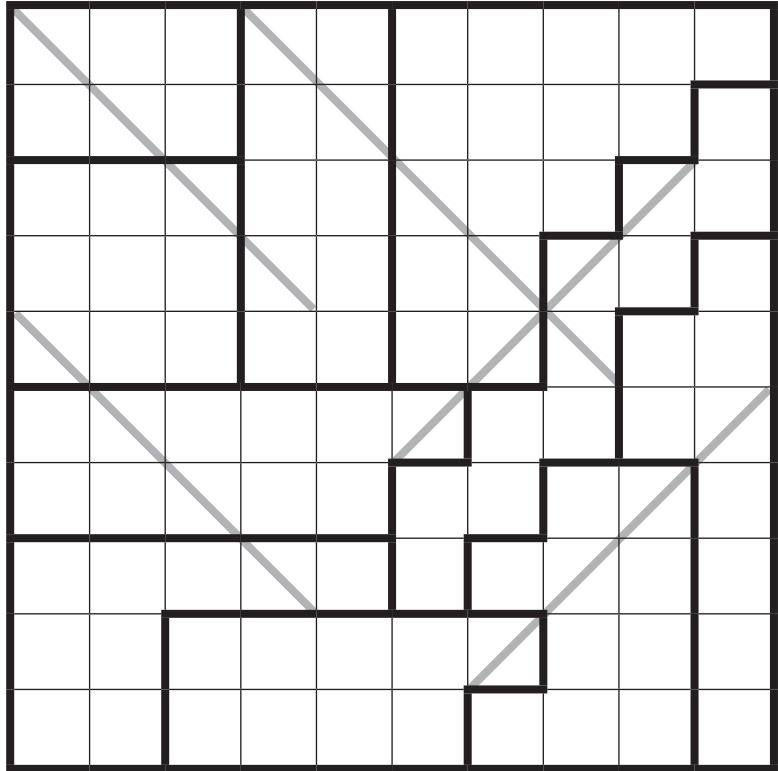
7

28-01-2015



STAR WARS

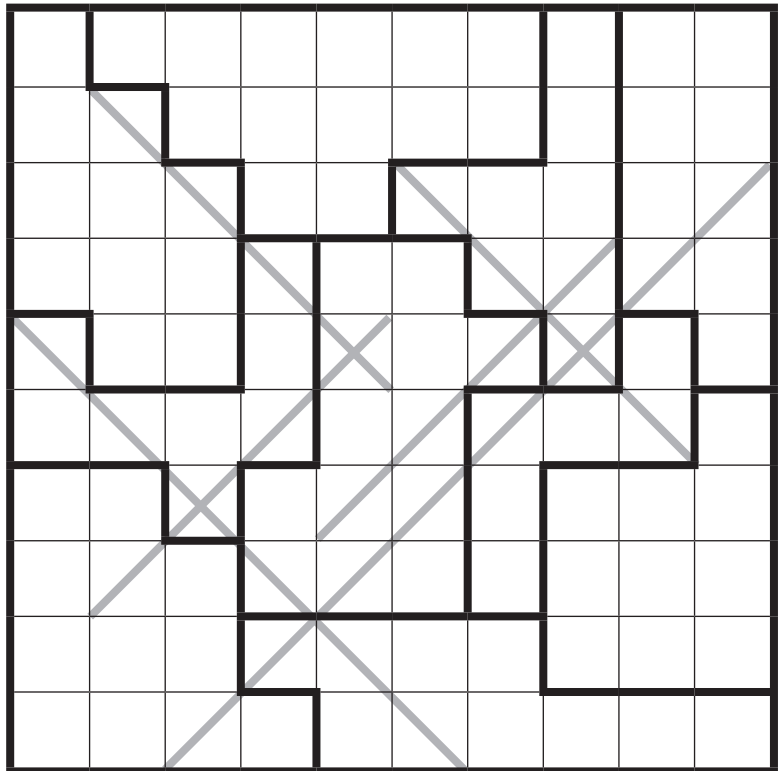
Place two stars with the size of one cell in each row, in each column, in all bold outlined regions and on all straight grey lines. The stars do not touch each other, not even diagonally.



Hns

8

28-01-2015

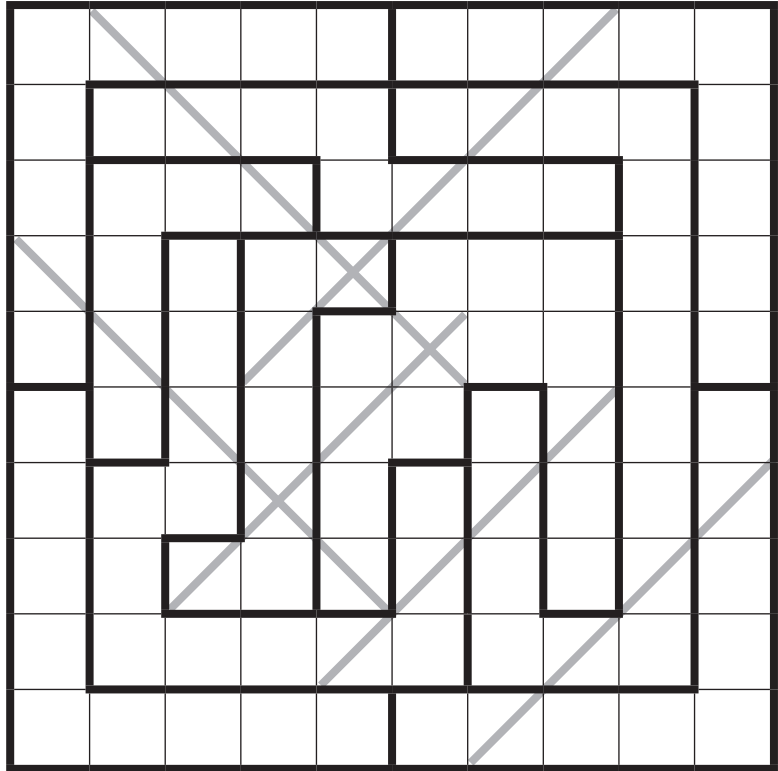


Hns

9 15-02-2015

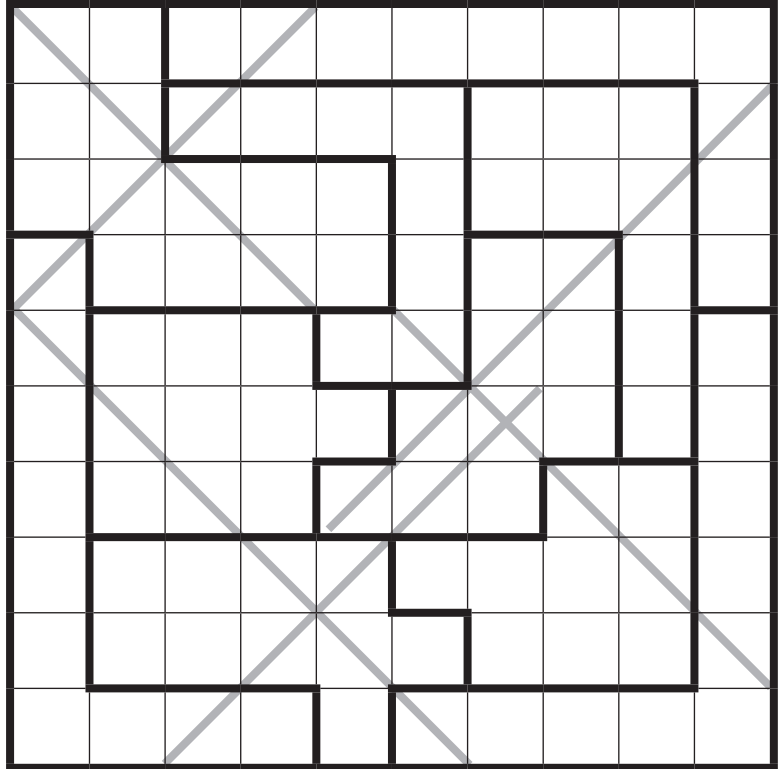
STAR WARS

Place two stars with the size of one cell in each row, in each column, in all bold outlined regions and on all straight grey lines. The stars do not touch each other, not even diagonally.



Hns

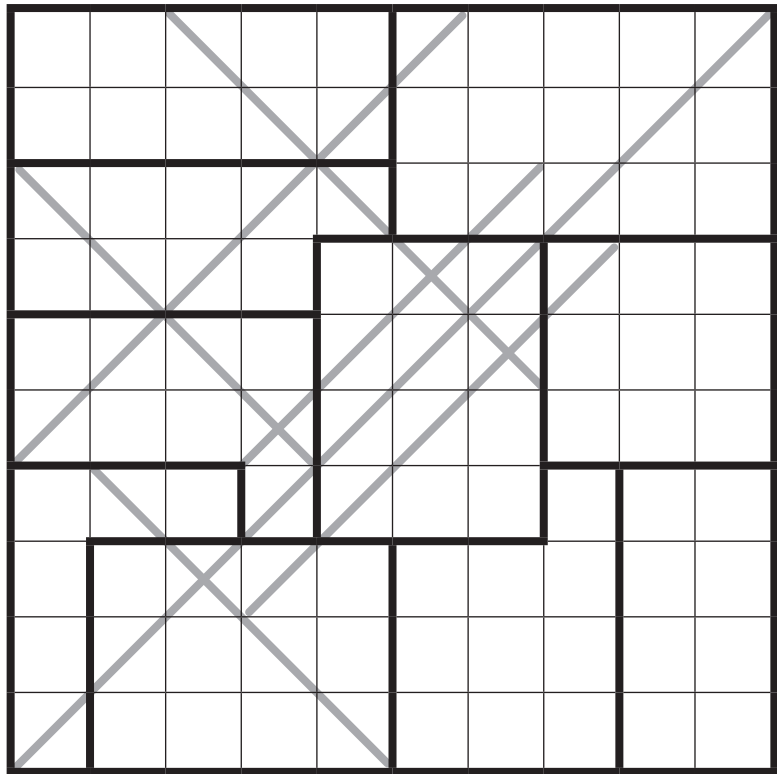
10 15-02-2015



Hns

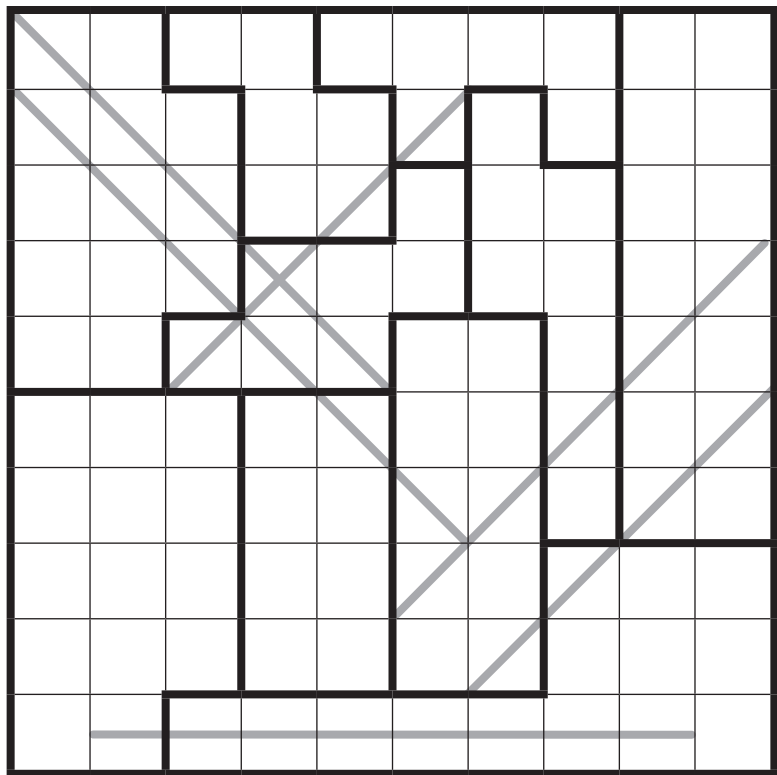
11 03-03-2015

STAR WARS
Place two stars with the size of one cell in each row, in each column, in all bold outlined regions and on all straight grey lines. The stars do not touch each other, not even diagonally.



Hns

12 03-03-2015

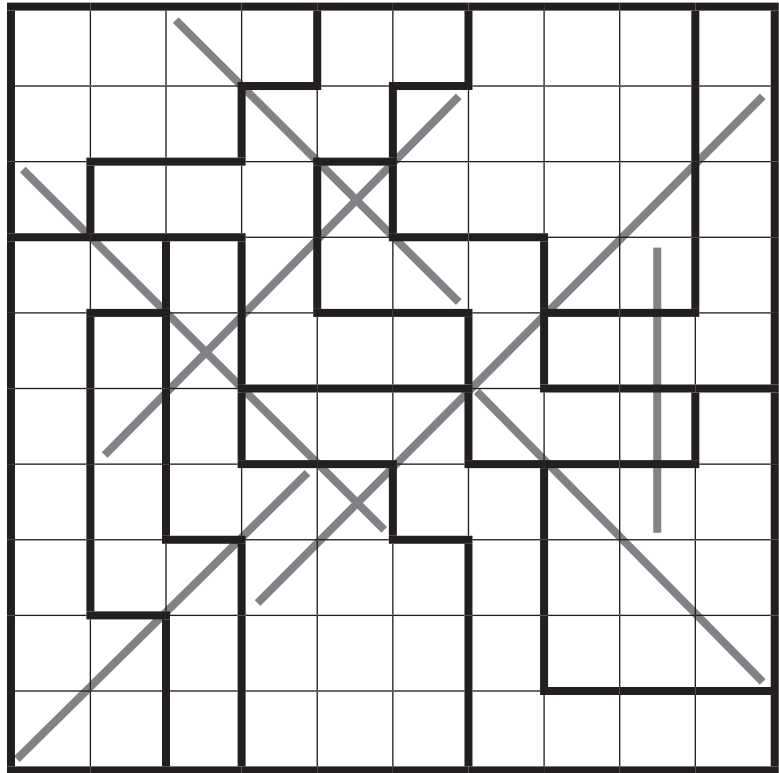


Hns

13 03-04-2015

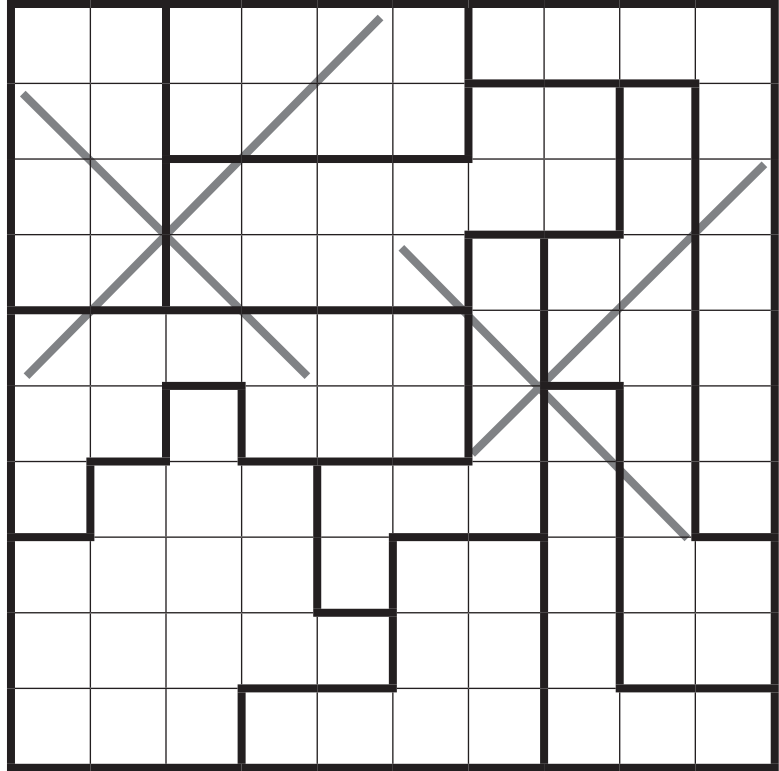
STAR WARS

Place two stars with the size of one cell in each row, in each column, in all bold outlined regions and on all straight grey lines. The stars do not touch each other, not even diagonally.



Hns

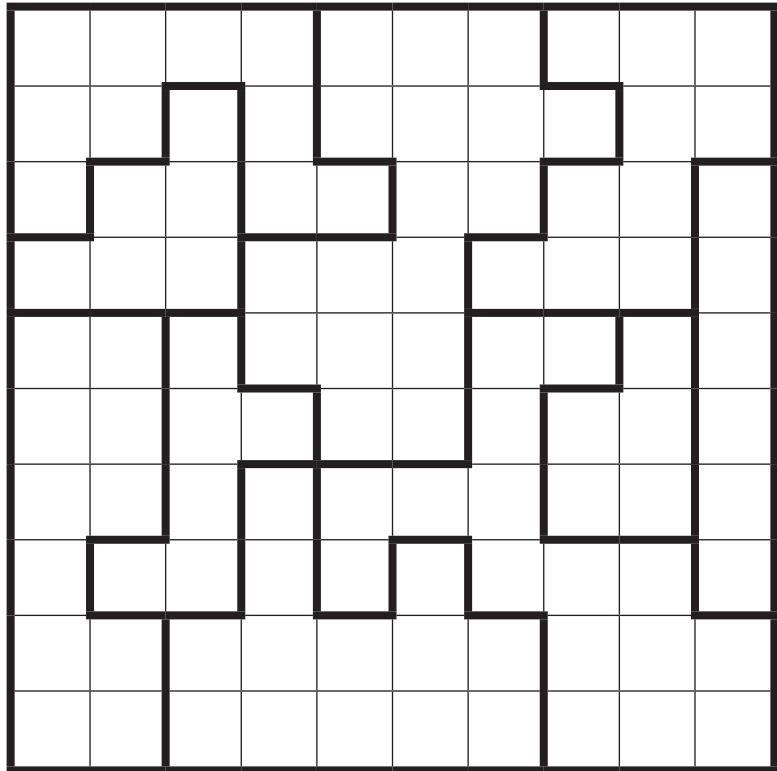
14 03-04-2015



Hns

15

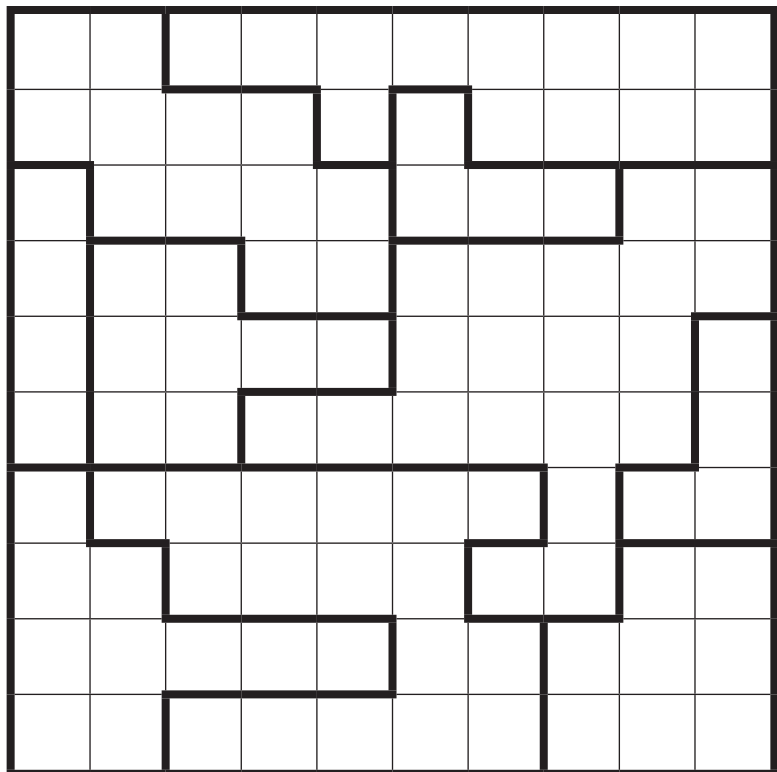
15-04-2015



RS

16

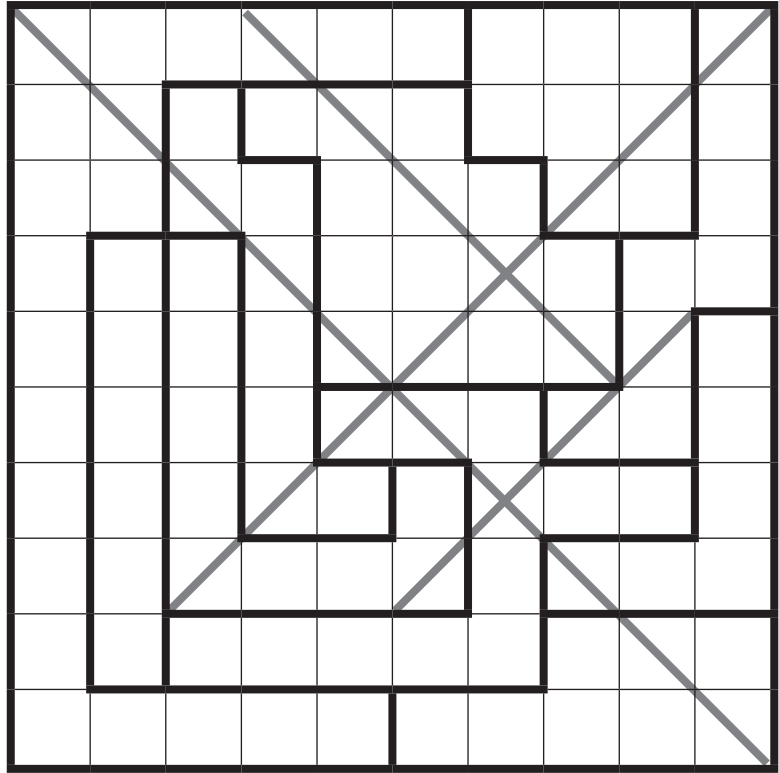
15-04-2015



RS

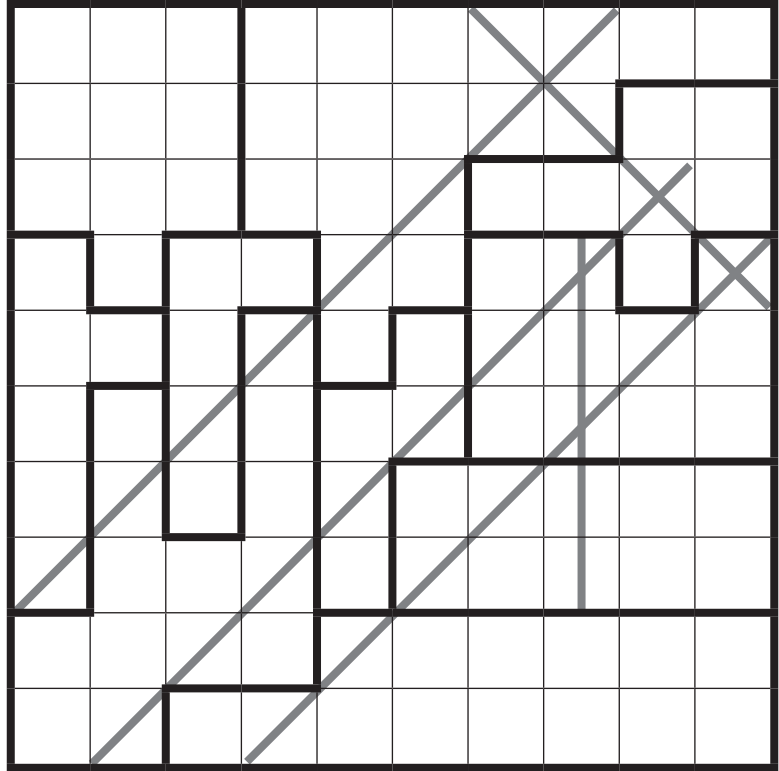
17 06-06-2015

STAR WARS
Place two stars with the size of one cell in each row, in each column, in all bold outlined regions and on all straight grey lines. The stars do not touch each other, not even diagonally.



Hns

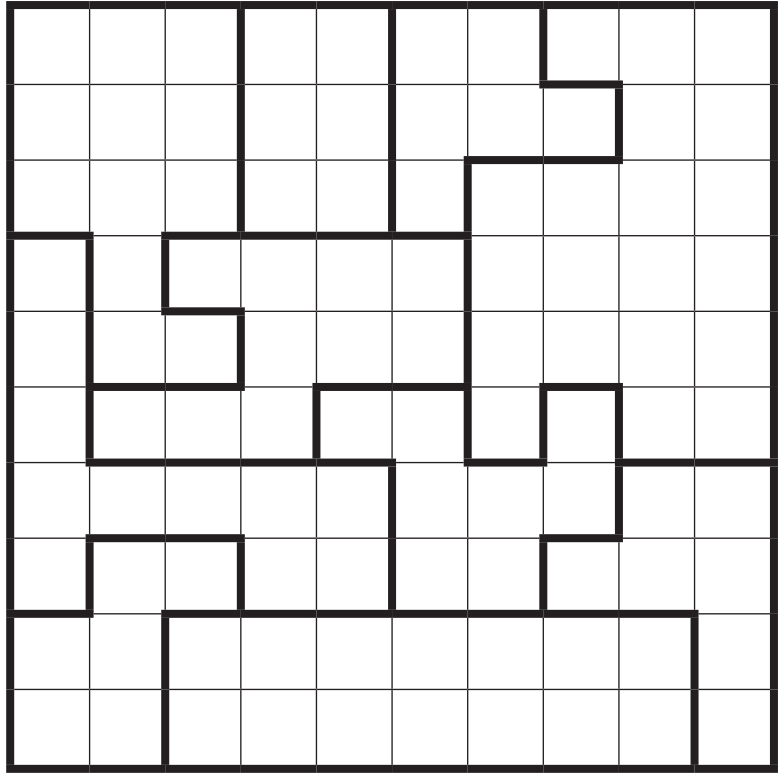
18 06-06-2015



Hns

19

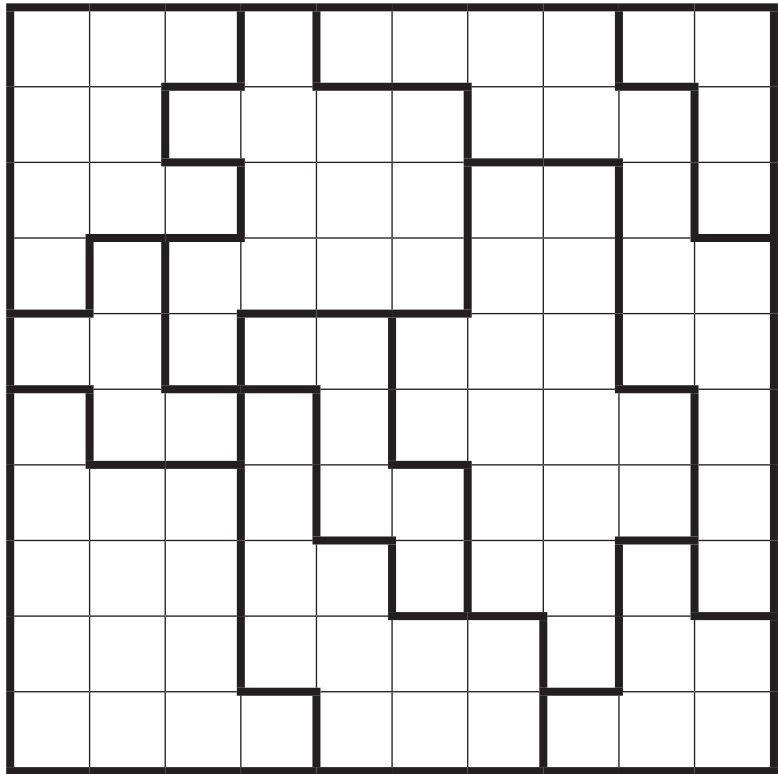
21-06-2015



Hns

20

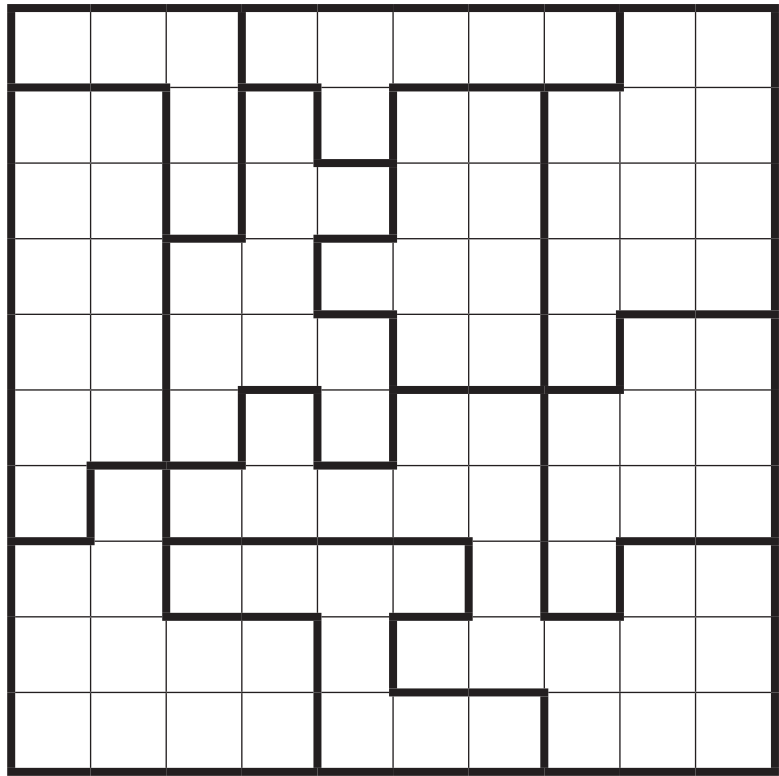
21-06-2015



Hns

21

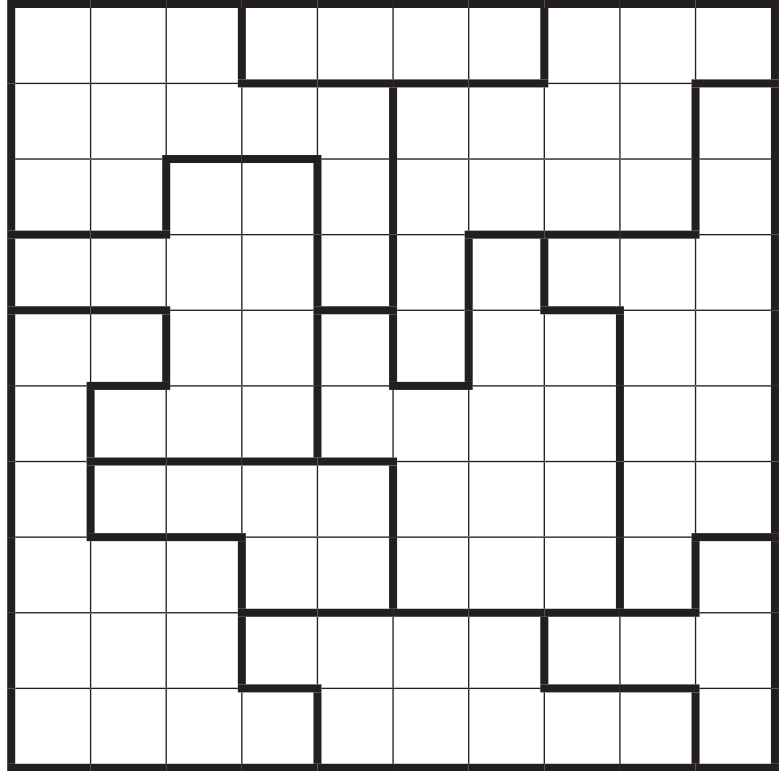
31-07-2015



Hns

22

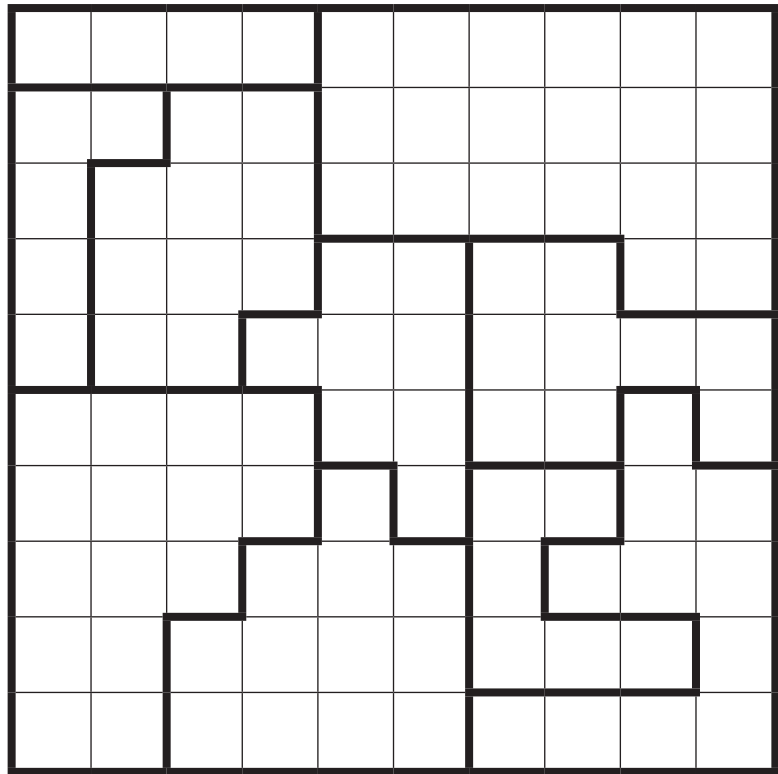
31-07-2015



Hns

23

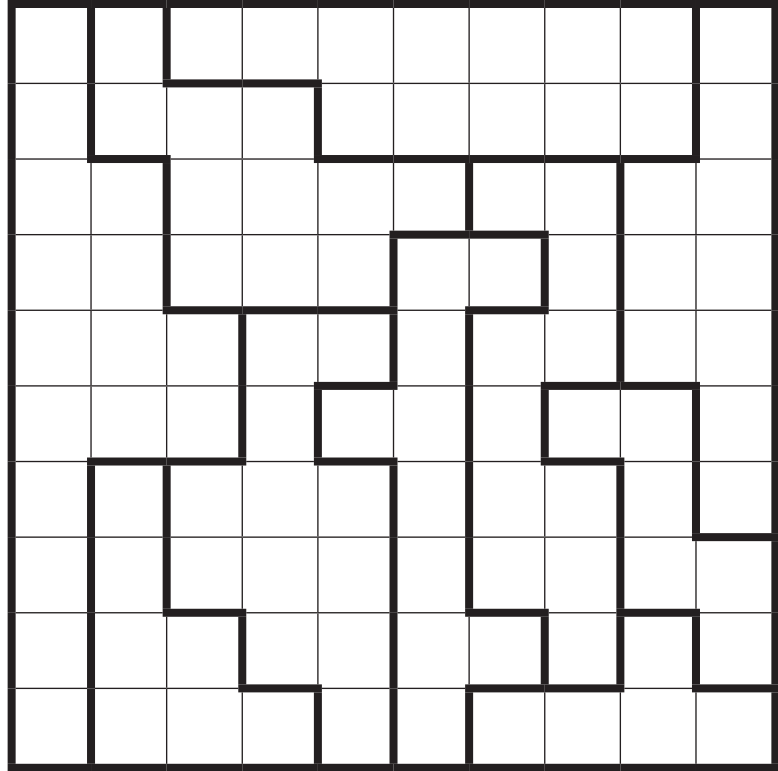
29-08-2015



Hns

24

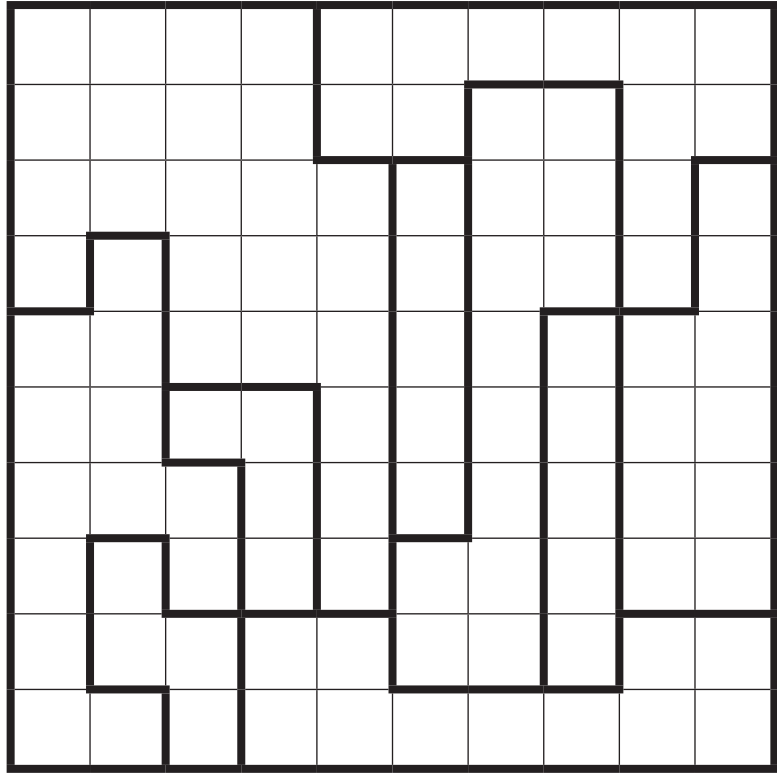
29-08-2015



Hns

25

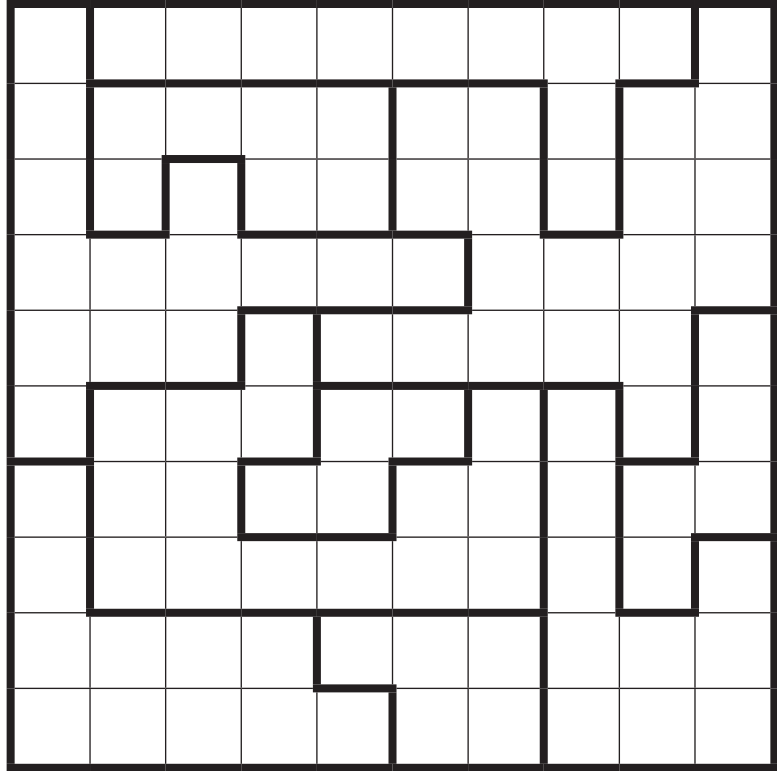
11-09-2015



RS

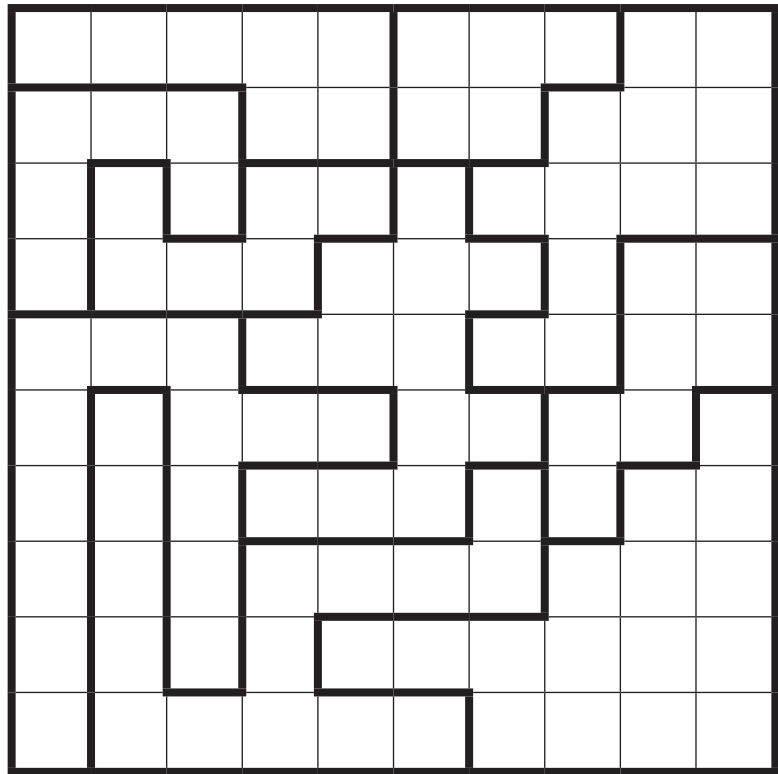
26

11-09-2015



RS

27 17-10-2015

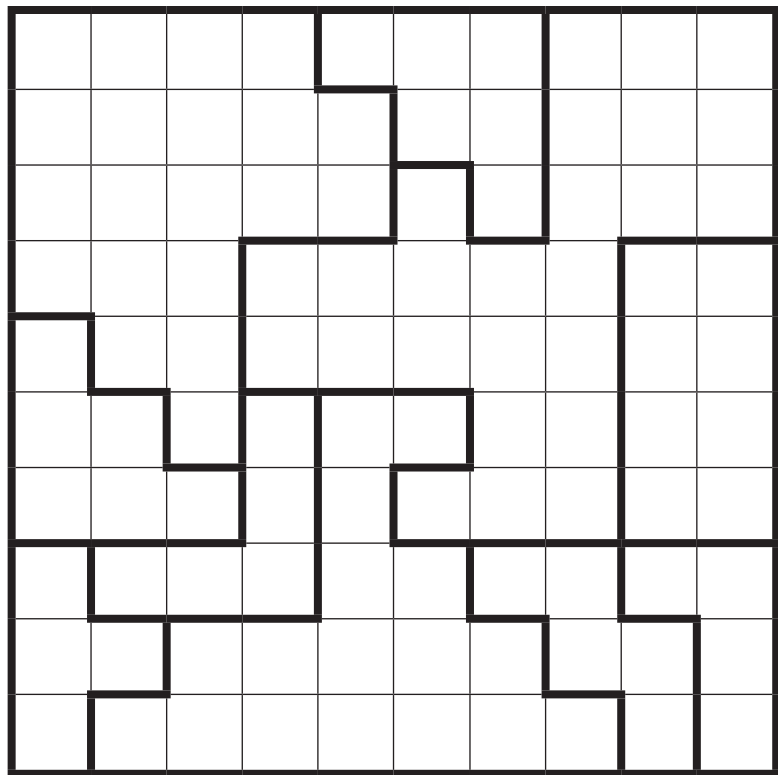


PUZZLE 27 + 28

Just one star in each row, each column and each region.

Hns

28 17-10-2015

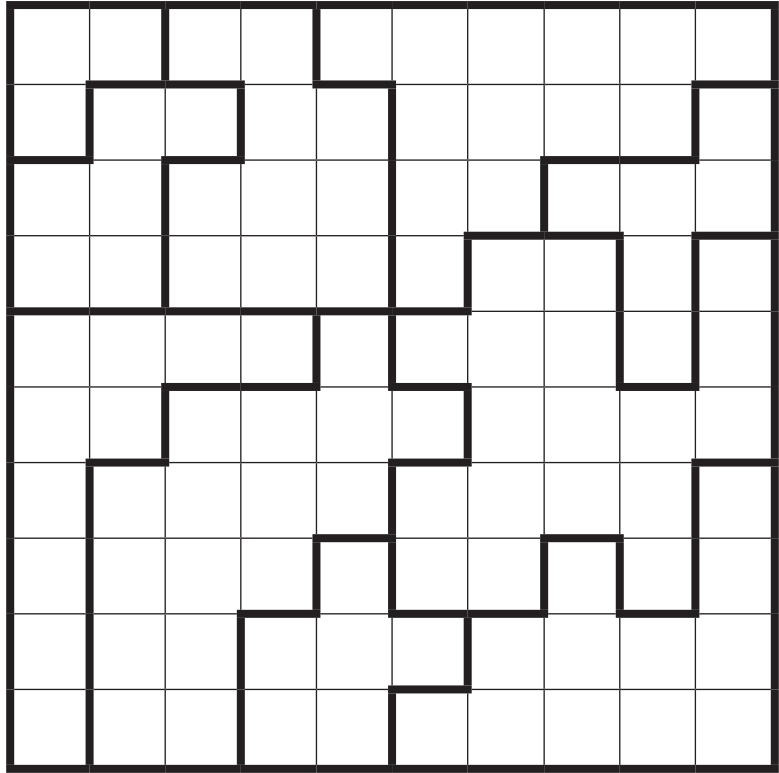


Hns

29 16-11-2015

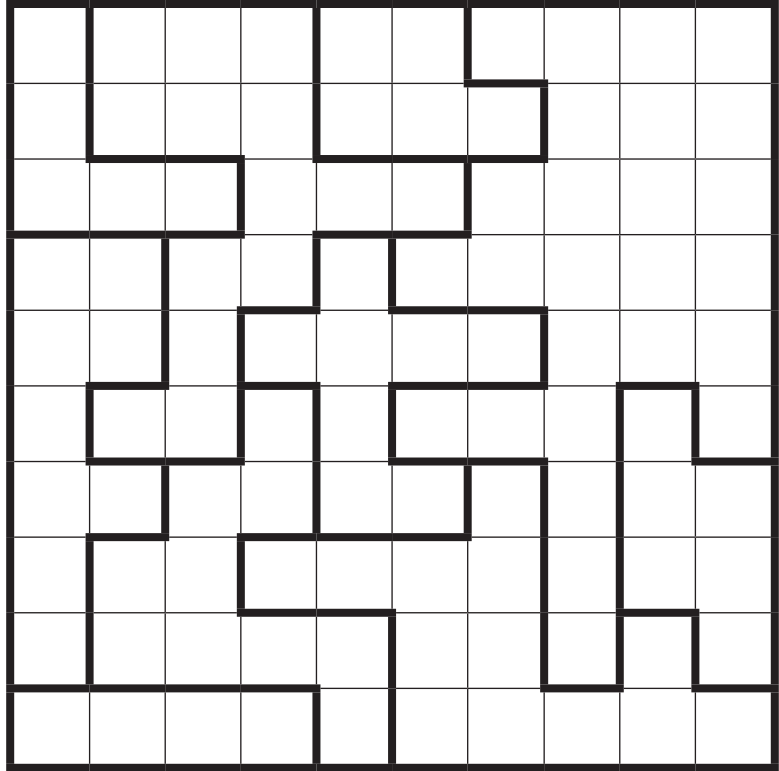
Hns

PUZZLE 29 + 30
Just one star in each
row, each column and
each region.



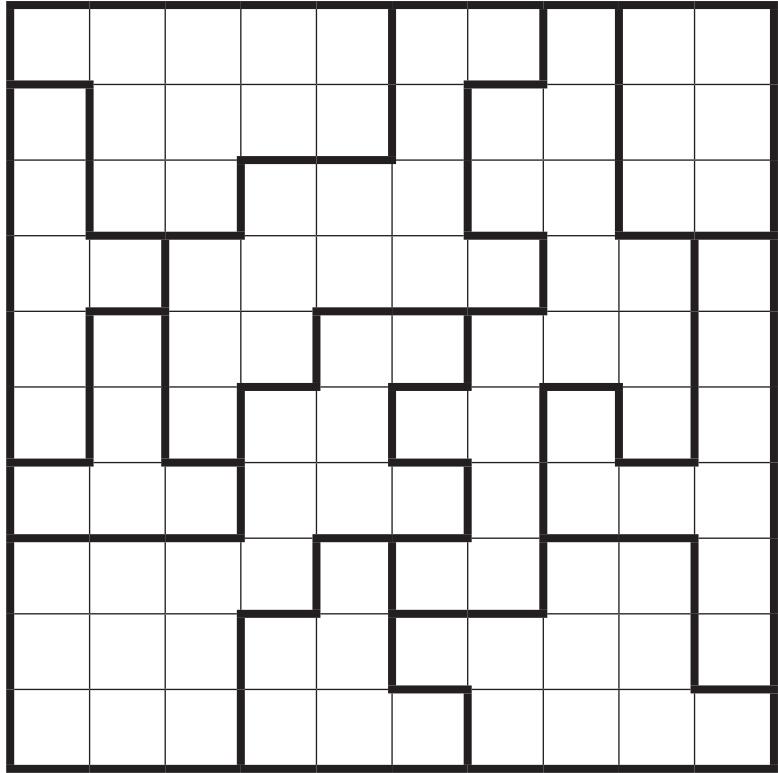
30 16-11-2015

Hns



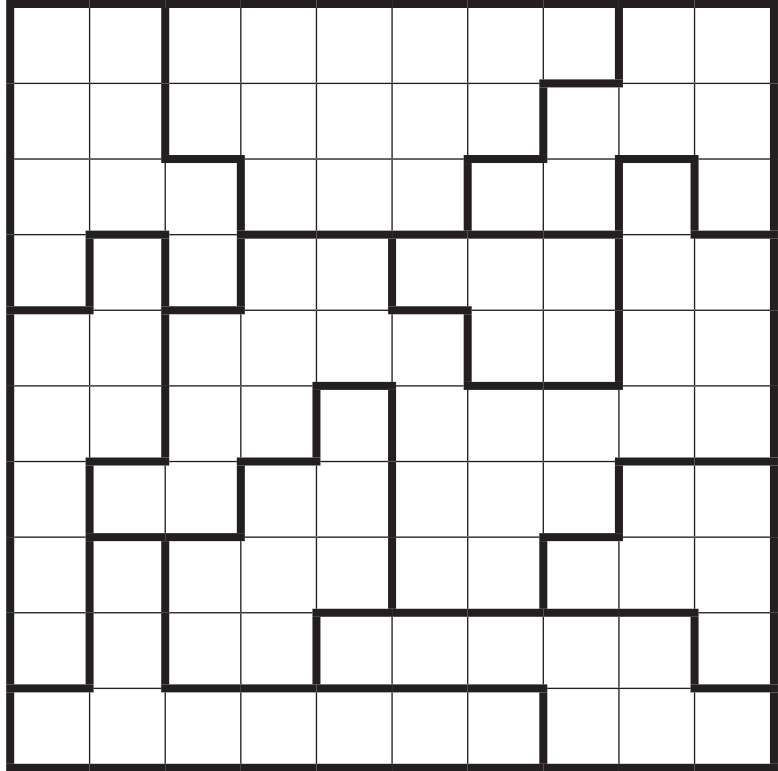
31 12-12-2015

Hns



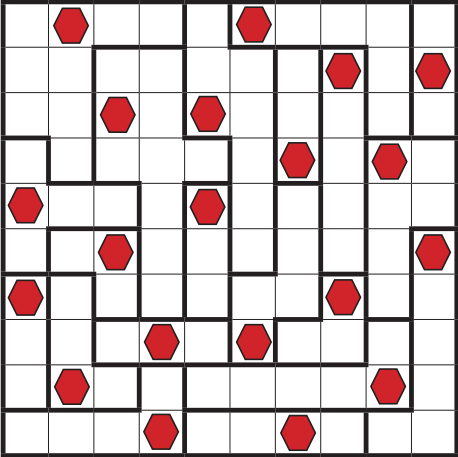
32 12-12-2015

Hns

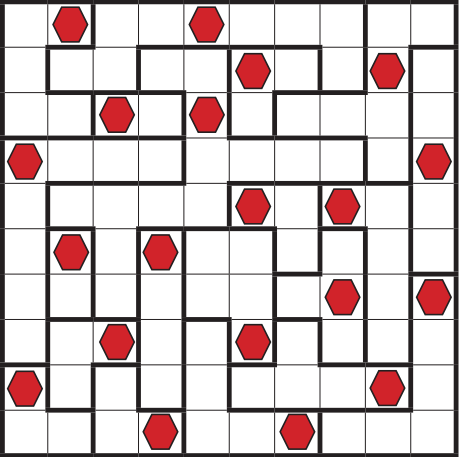


Solutions

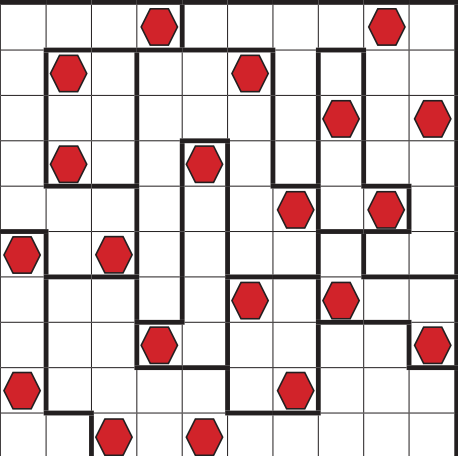
1 13-08-2014



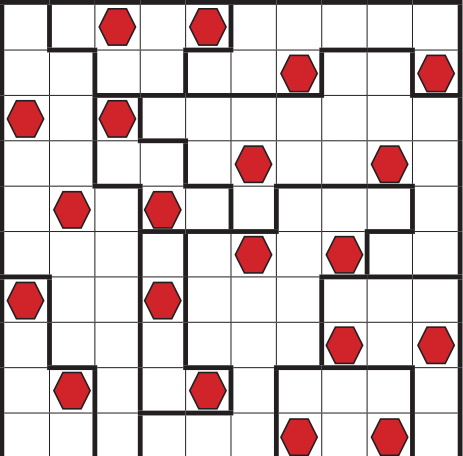
2 13-08-2014



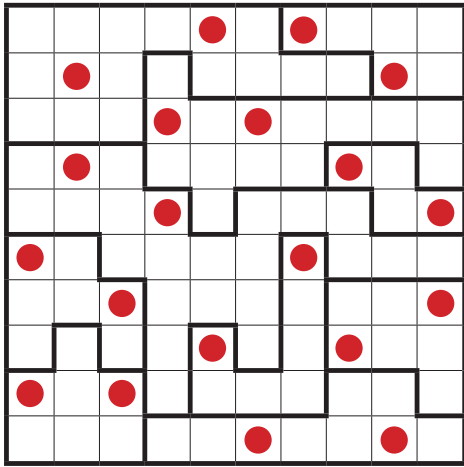
3 30-10-2014



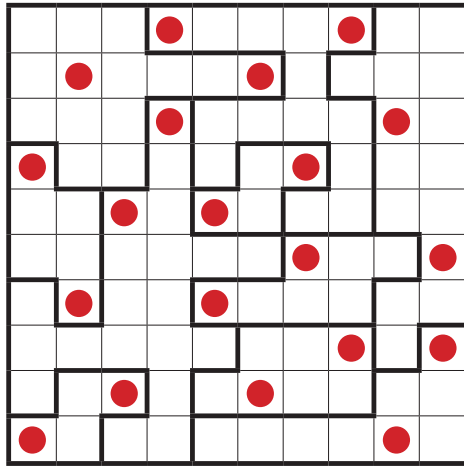
4 30-10-2014



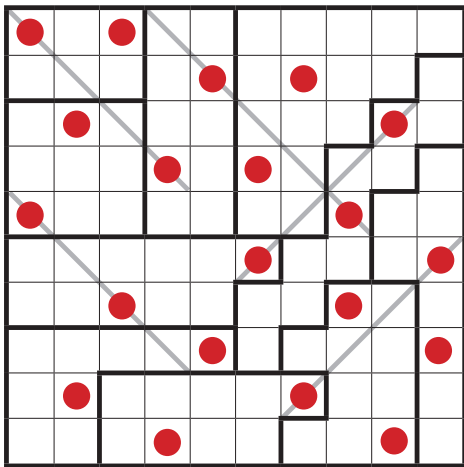
5 25-12-2014



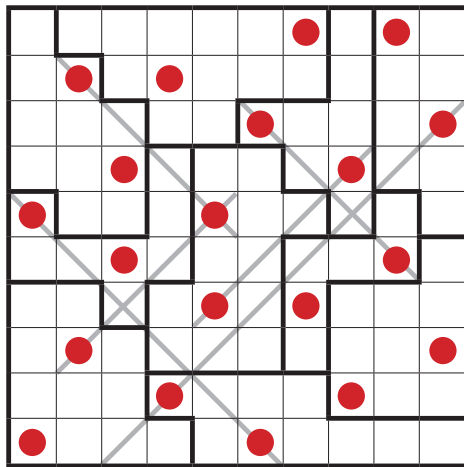
6 25-12-2014



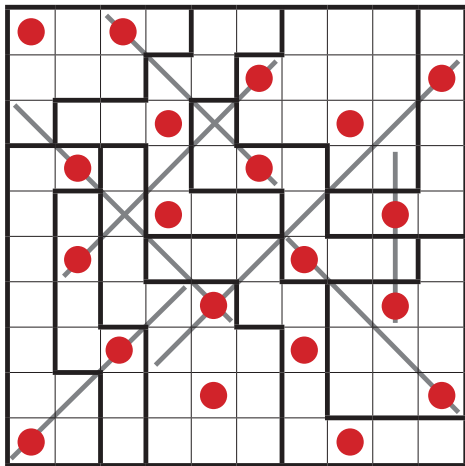
7 28-01-2015



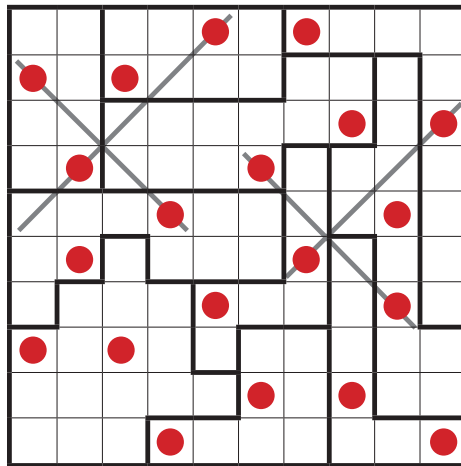
8 28-01-2015



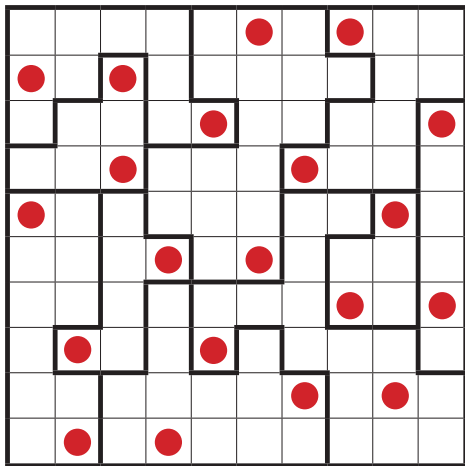
13 03-04-2015



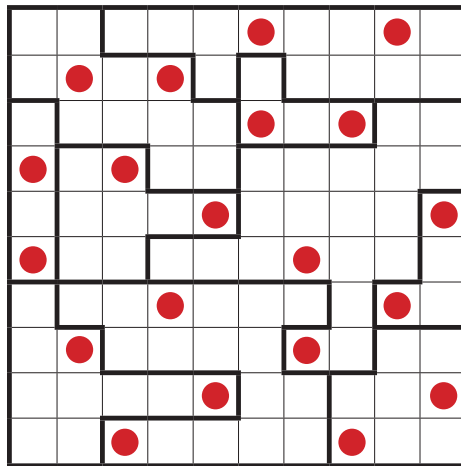
14 03-04-2015



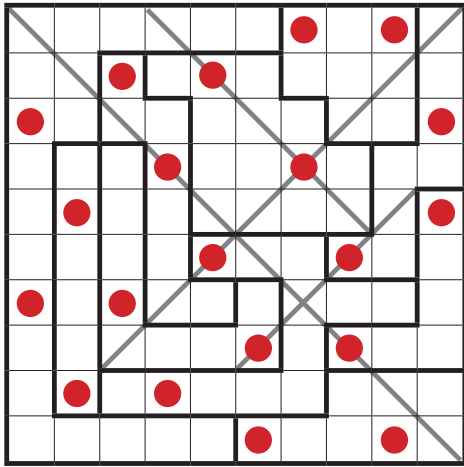
15 15-04-2015



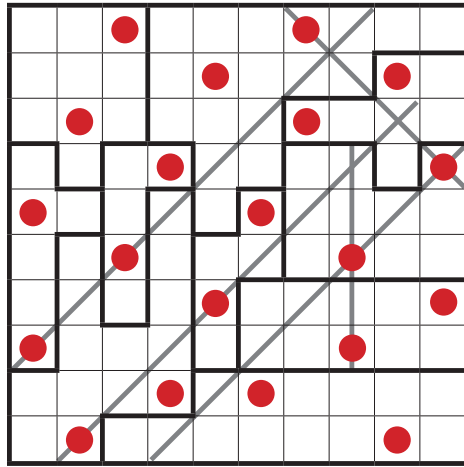
16 15-04-2015



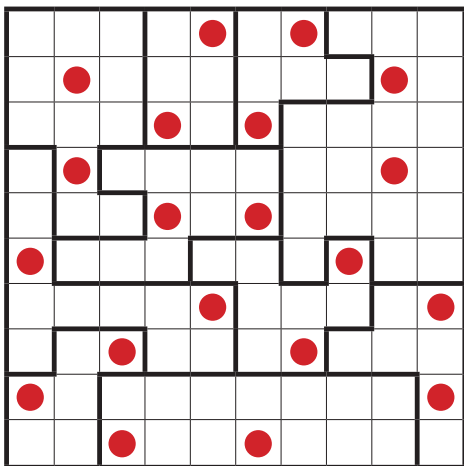
17 06-06-2015



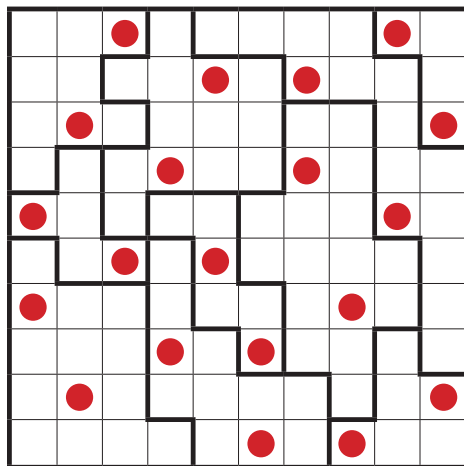
18 06-06-2015



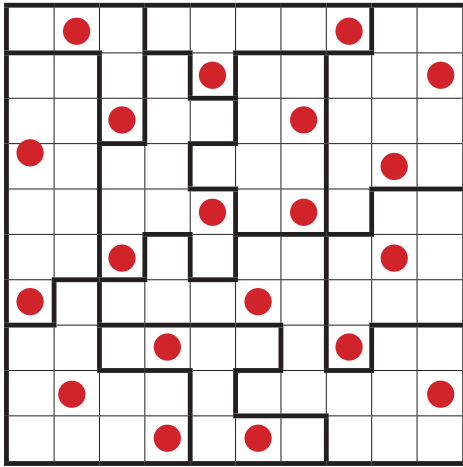
19 21-06-2015



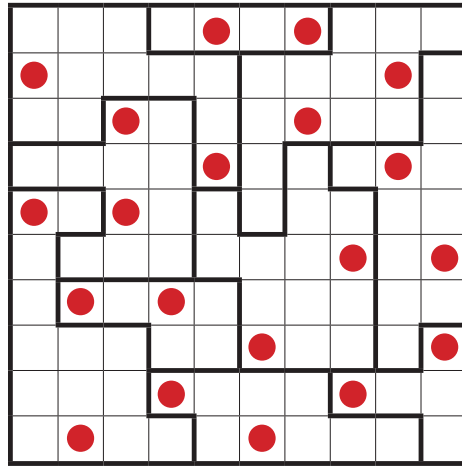
20 21-06-2015



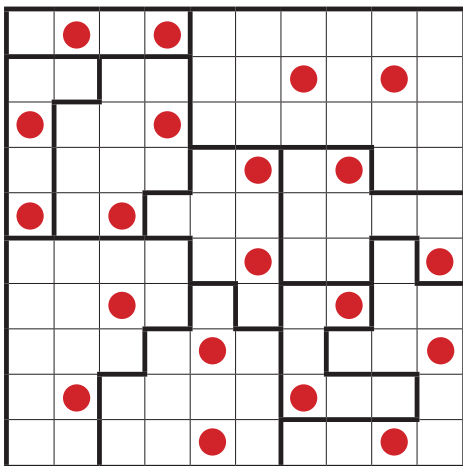
21 31-07-2015



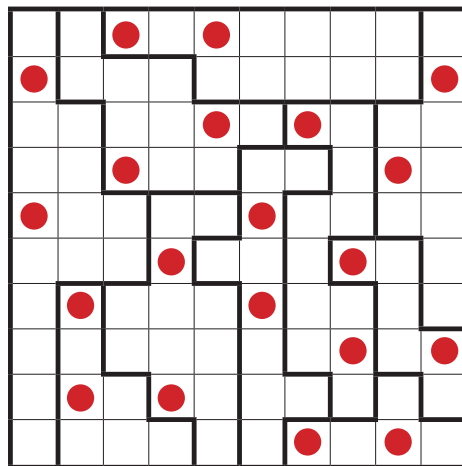
22 31-07-2015



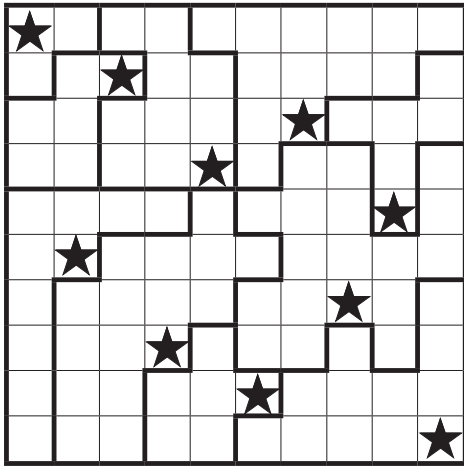
23 29-08-2015



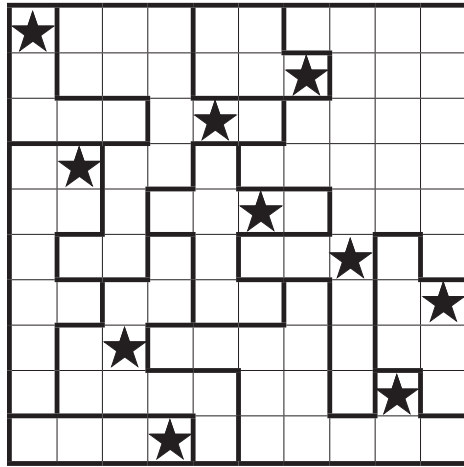
24 29-08-2015



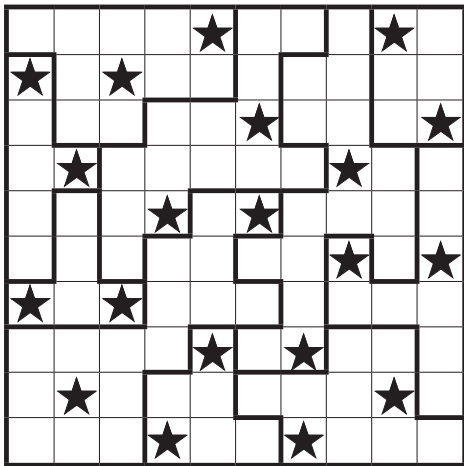
29 16-11-2015



30 16-11-2015



31 12-12-2015



32 12-12-2015

