

What is a “Sudoku”?

The World Sudoku Championships consist of Sudoku and variations of Sudoku. The Classic form of Sudoku is that each row, column and 3x3 outlined box must contain all digits from 1-9. A variant of Sudoku typically has similar constraints for 'row, column and outlined region' along with some additional concept/property/constraint.

The selection of puzzles for the WSC and general organization is at the discretion of the host country. The organizers of WSPC 2017 believe that a Sudoku variant can lean towards a Sudoku or a Puzzle based on the manipulation of the author, regardless of the nature of the rule-set as long as the basic characteristics above are followed. We will attempt to showcase this over different parts of the Championship.

General Composition of WSC

The Sudokus in this document are not an extensive list, but they cover most of the categories typically seen in a WSC. Other than this, there may be other manipulations using linking, transference of digits, hybrids, matchmaking, visual speed solving, mechanical solving, etc. to make the WSC an exciting Championship full of variety designed to test the world’s best Sudoku solvers.

There are typically 8-10 individual rounds and 2-4 team rounds across roughly 10 hours of solving. Each round may range roughly from 20 minutes to 120 minutes, depending on the quantity and difficulty. Individual Sudokus are allotted points and typically a participant is awarded points for a Sudoku grid completely solved correctly without a single error. There are multiple Sudokus in each round barring exceptions and typically there are 1-2 rounds of Classic Sudoku with the remaining ones using variations in different ways. All Sudokus have a unique solution unless explicitly mentioned otherwise.

About this document

This document lists some Classic Sudokus of different sizes and some basic variations. The specific Sudokus appeared in different episodes of Sudoku Mahabharat 2015-16 (See this link for details - <http://logicmastersindia.com/SM/2015-16sm.asp>) held online at Logic Masters India site.

Sudokus in the booklet were written by the following Indian authors, in chronological order of the rounds:

Deb Mohanty

Prasanna Seshadri, Aditi Seshadri

Swaroop Guggilam. Ashish Kumar

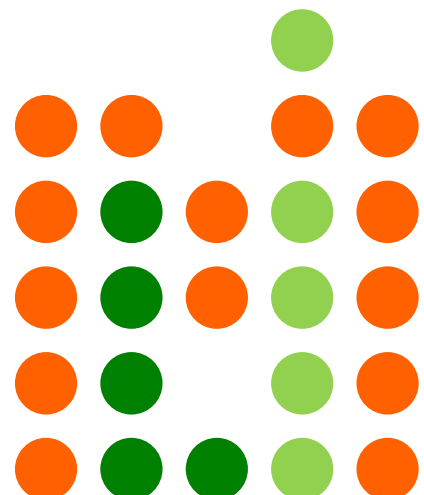
Rohan Rao

Rishi Puri

Rakesh Rai, Harmeet Singh

Rajesh Kumar

Akash Doulani, Amit Sowani, Gaurav Kumar Jain



Standard Sudoku

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.

1 point

		1	2		
		3	4		
		5	6		
	3			1	
2					5

A

1 point

5	1	3			
6		5			
			2		6
			4	3	5

B

1 point

				4	
					5
3					
5	2				
	4	3			
		1	2		

C

2 points

	4	6			3
		1	2		
		5	4		
2			5	4	

D

Standard Sudoku

5 points

Place a digit from 1 to 8 in each empty cell so that each digit appears exactly once in each row, column and 2X4 box.

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

Standard Sudoku - 1

9 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

		7			2			1
	2	1		9	8		6	4
	6	5		4	3		8	2
	9			2			3	
G								
		3			1			7
	4			6			9	
H								

Standard Sudoku - 2

6 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

			6	1	9			
		3				4		
	6						2	
I	1							7
J								
	9	8	1		7	2	4	
	4		7		3		6	
	2		9		8		3	
	8		2		1		7	

Standard Sudoku - 3

8 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

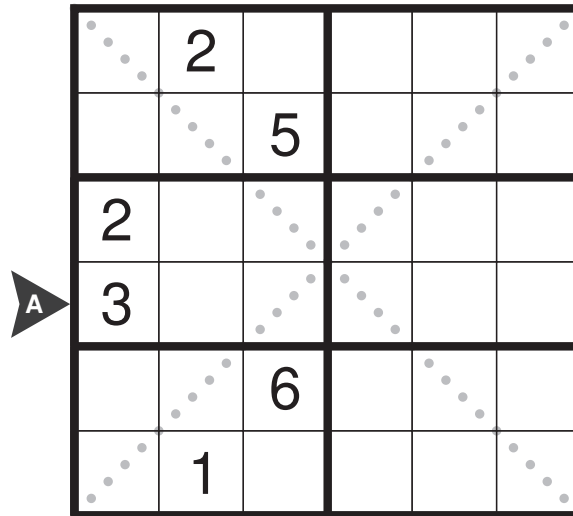
	2	9						
	3				4	2		
				6	1			
		6	1					
K		1	4				2	7
						6	8	
					8	9		
				5	7			3
							4	1

Diagonal Sudoku

2 points

Apply standard Sudoku rules.

Additionally, each extra main diagonal (marked by a line) must contain digits from 1-6.

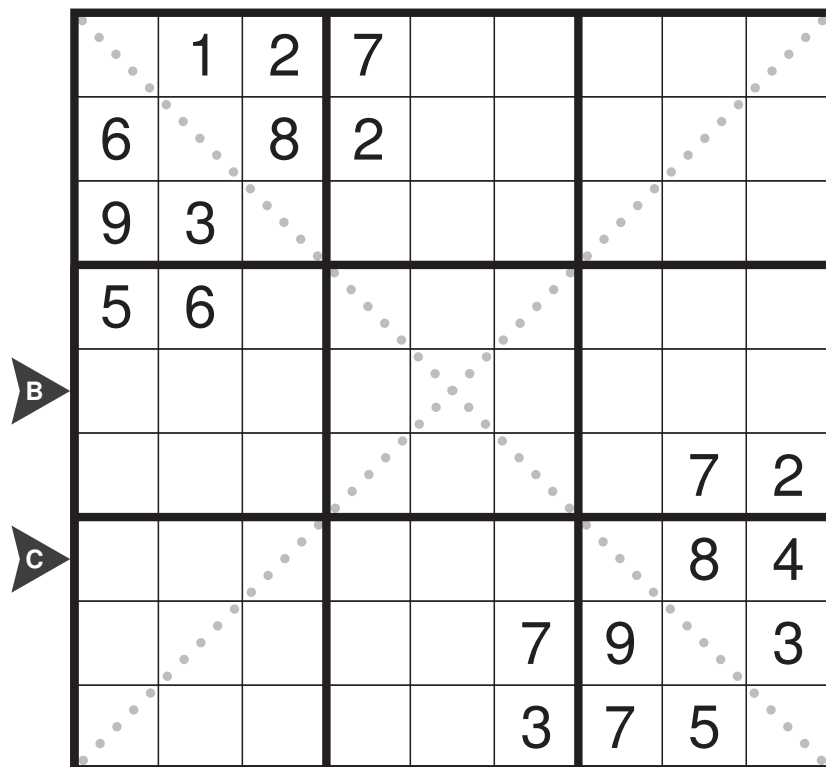


Diagonal Sudoku

11 points

Apply standard Sudoku rules.

Additionally, each extra main diagonal (marked by a line) must contain digits from 1-9.



Extra Region Sudoku

3 points

Apply standard Sudoku rules.

Additionally, each extra region must contain digits from 1-6. The extra regions are of 6 cells each and are shaded / caged in the grid.

4					6
1					2
2					4
3					5

Extra Region Sudoku

8 points

Apply standard Sudoku rules.

Additionally, each extra region must contain digits from 1-9. The extra regions are of 9 cells each and are shaded / caged in the grid.

1	2					8	9	
6		9				4		1
	8					5	3	
	9	4				7		
2		1				8		3
3	6						1	4

Palindrome Sudoku

3 points

Apply standard Sudoku rules.

Additionally, the digits in the cells with the line form palindromes, i.e. they read the same from both the directions.

Palindrome Sudoku

8 points

Apply standard Sudoku rules.

Additionally, the digits in the cells with the line form palindromes, i.e. they read the same from both the directions.

UnTouch Sudoku

2 points

Apply standard Sudoku rules.

Additionally, identical digits do not touch each other diagonally.

	1			4	
		2	3		
	3	1	6	5	

K

UnTouch Sudoku

12 points

Apply standard Sudoku rules.

Additionally, identical digits do not touch each other diagonally.

	8		9		6		2	
1		2		3		9		8
	3						6	
4		7		5		1		2
	9		2		7		5	

L

M

Pencil Marks Sudoku

6 points

Apply standard Sudoku rules.

In some cells you find all allowed candidates for the specific cell.

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

Pencil Marks Sudoku

12 points

Apply standard Sudoku rules.

In some cells you find all allowed candidates for the specific cell.

2		6				3		1
	1		2 3 4		4 5 6		8	
1		9				2		7
	4		3 6 8		5 7 8		1	
3		8				6		9
	3		3 4 8		4 8 9		6	
5		4				1		2

Standard Sudoku

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.

1 point



				4	
	1	2			
3					
	2				6
		5			
6	4			3	

1 point



1					
		3		6	
	4		1		3
	2				4
6					5

1 point



				2	3
	1				
3		1			
	2			1	5
5		6			
	4				

1 point



	1				
2					5
	3				
4					
		3		6	
	5		1		2

Standard Sudoku

4 points

Place a digit from 1 to 8 in each empty cell so that each digit appears exactly once in each row, column and 2X4 box.

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

Standard Sudoku

5 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

	9							
	2	1			3	4		
		3		2	8			1
							2	8
	6						4	
7	8							
9			4	8		1		
		2	6			9	5	
							3	

Standard Sudoku

6 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

9	8	7					5	6
	6			5		4		
	5					2		
2	3	4					8	1
				4	2			
	1		6				2	
3				8				2
					4			
5			2	6				7

Standard Sudoku

5 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

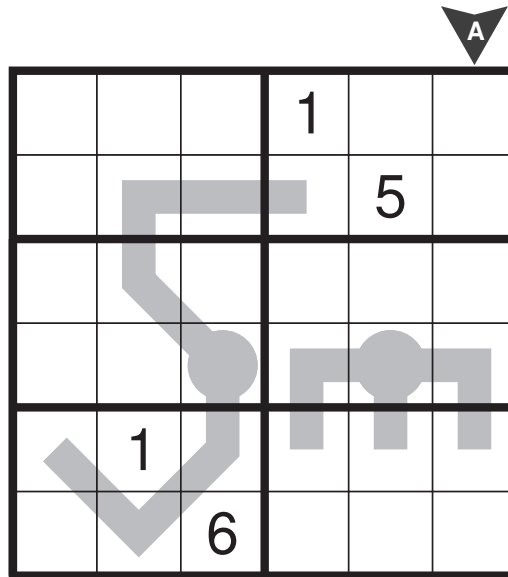
				9				7
		2		3		4		8
	1	3						
		4				9	1	
		5			9			
	6	7	8		2	3		
					3		4	
	7					6	9	
		8		4				

Thermo Sudoku

2 points

Apply standard Sudoku rules.

Additionally, the digits in each "thermometer" shaped region must be strictly increasing from the circular "bulb" to the other end(s).

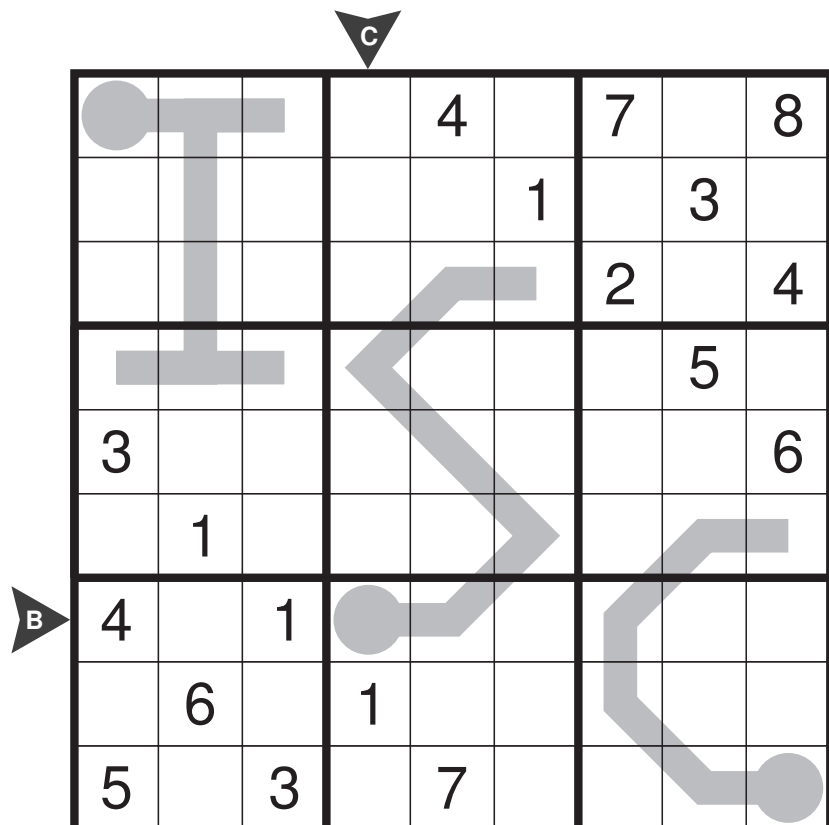


Thermo Sudoku

9 points

Apply standard Sudoku rules.

Additionally, the digits in each "thermometer" shaped region must be strictly increasing from the circular "bulb" to the other end(s).

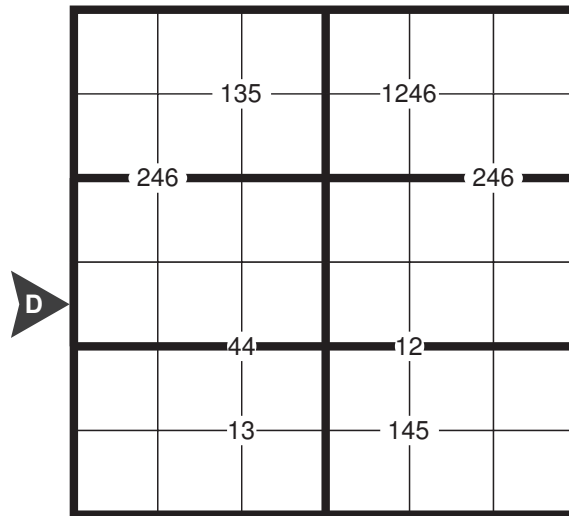


Quadruple Sudoku

6 points

Apply standard Sudoku rules.

Additionally, the digits given at the corner must appear in the 4 adjoining cells. If any digit is given twice, it must appear twice.

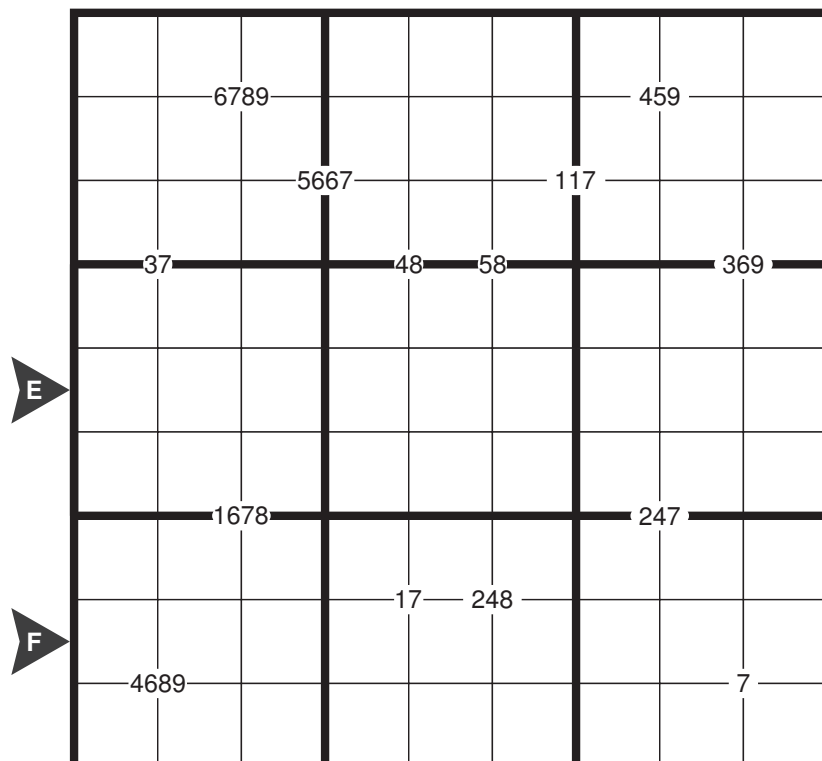


Quadruple Sudoku

11 points

Apply standard Sudoku rules.

Additionally, the digits given at the corner must appear in the 4 adjoining cells. If any digit is given twice, it must appear twice.



Touchy Sudoku

2 points

Apply standard Sudoku rules.

Each digit has at least one consecutive adjacent (sharing edges) neighbour.

G						
			1			
	1		5		6	
2		5		4		
			4			
H						

Touchy Sudoku

15 points

Apply standard Sudoku rules.

Each digit has at least one consecutive adjacent (sharing edges) neighbour.

J				8				
			6		1			
	9		3		4			
2		9		8		6		
	4		6		2		8	
		7		4		9		2
			4		6		9	
				7		3		
I					9			

Repeated Neighbours

7 points

Apply standard Sudoku rules.

Each shaded cell must have repeating orthogonal neighbours (neighbours sharing an edge). White cells must have distinct orthogonal neighbours.

1					2
	6			4	
		4	5		

Repeated Neighbours

15 points

Apply standard Sudoku rules.

Each shaded cell must have repeating orthogonal neighbours (neighbours sharing an edge). White cells must have distinct orthogonal neighbours.

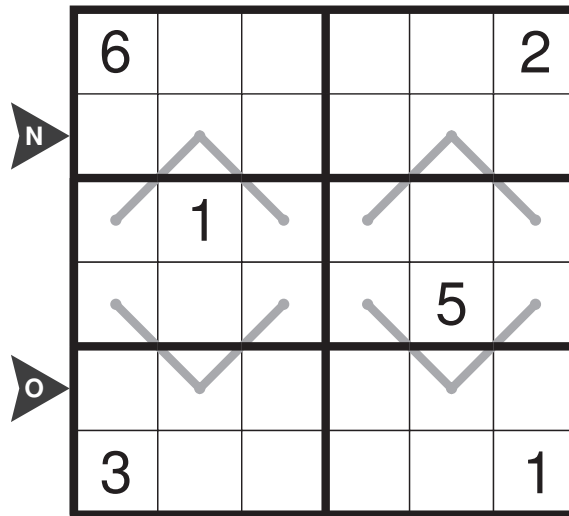
9	8	7				1	3	2
6								7
4								6
1								8
8								5
7	3	5				6	1	4

Renban Sudoku

2 points

Apply standard Sudoku rules.

The set of digits on each line must be distinct consecutive digits.

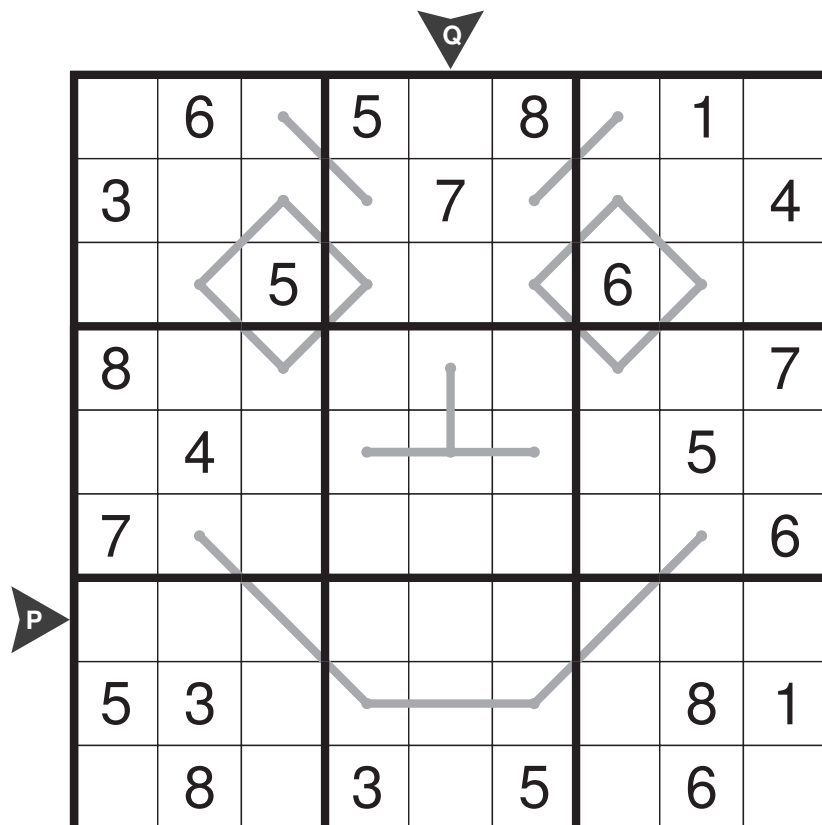


Renban Sudoku

7 points

Apply standard Sudoku rules.

The set of digits on each line must be distinct consecutive digits.



Standard Sudoku

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.

1 point



	1				
		3	1		
	4			6	
	6			5	
		5	4		
				2	

1 point



		3	4		
	2			5	
1					6
	5			6	
		2	3		

1 point



4				1	2
3					
		1			
			4		
					3
5	6				4

1 point



1					2
	2			3	
		3			
			4		
2				5	
	4				6

Standard Sudoku

3 points

Place a digit from 1 to 8 in each empty cell so that each digit appears exactly once in each row, column and 2X4 box.

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

Standard Sudoku

5 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

								6
	1	2	3					7
	7		4					
	8		5					
	9		6		4	7	1	
	3	4	7		8			
					2	9		
1					3			
8					6	5	4	

Standard Sudoku

6 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.



1					8			
	2				9	5		
		3					2	
			4				1	3
3				5				6
7	8				6			
	6					7		
		4	2				8	
			1					9

Standard Sudoku

7 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.



		1	2		5	6		
		8	9		3	4		
1				4				3
	2		5		7		9	
		4				8		
				9				
		5	6		1	2		
		3	4		8	9		

Odd or Even Sudoku

2 points

Apply standard Sudoku rules.

Additionally, all the digits in the shaded cells are of same parity. That means the shaded cells must contain all odd digits or all even digits. This has to be determined by the solver.

			1		
			2		
				3	
				4	
					5
3					6

Odd or Even Sudoku

13 points

Apply standard Sudoku rules.

Additionally, all the digits in the shaded cells are of same parity. That means the shaded cells must contain all odd digits or all even digits. This has to be determined by the solver.

7				1	2		
				4	5		
1	2			8			
3	4						
				3			
						9	2
				1		4	7
		6	5				
		7	8				5

Odd Sum Pair

2 points

Apply standard Sudoku rules.

A dot between two cells implies the sum of digits in those 2 cells is odd.

3					4
		•	•	•	
	•	1	6	•	
	•	4	3	•	
	•			•	
6					5

Odd Sum Pair

13 points

Apply standard Sudoku rules.

A dot between two cells implies the sum of digits in those 2 cells is odd.

3		2			•			
	•				•	•		•
4		1	2		7	8		•
		3	4		9	1	•	•
	•			5			•	•
•	•	9	8		6	7		
•		7	1		8	9		5
•	•			•				•
	•		•	•			4	1

No Even Neighbours

2 points

Apply standard Sudoku rules.

No two cells containing even digits can share an edge.

	5				
		1			
G			3		
	4				
		2			
			4		

No Even Neighbours

12 points

Apply standard Sudoku rules.

No two cells containing even digits can share an edge.

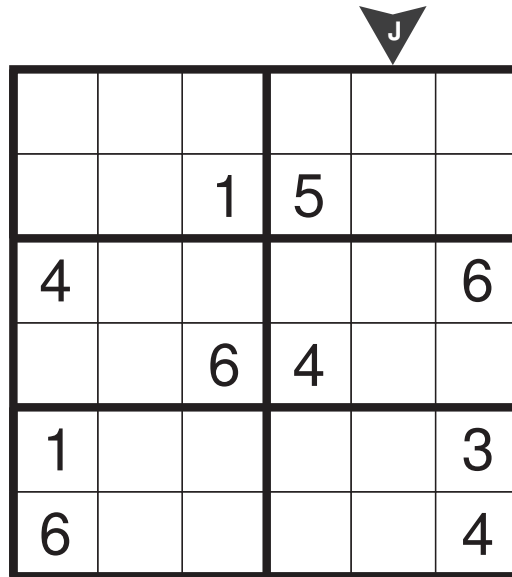
					H	I	
1	9						2
3						6	
				9	7		
				2	3		
		5	6				
		4	7				
	2						7
8						5	4

Quadro Sudoku

3 points

Apply standard Sudoku rules.

No 2x2 square can contain only odd or only even numbers.



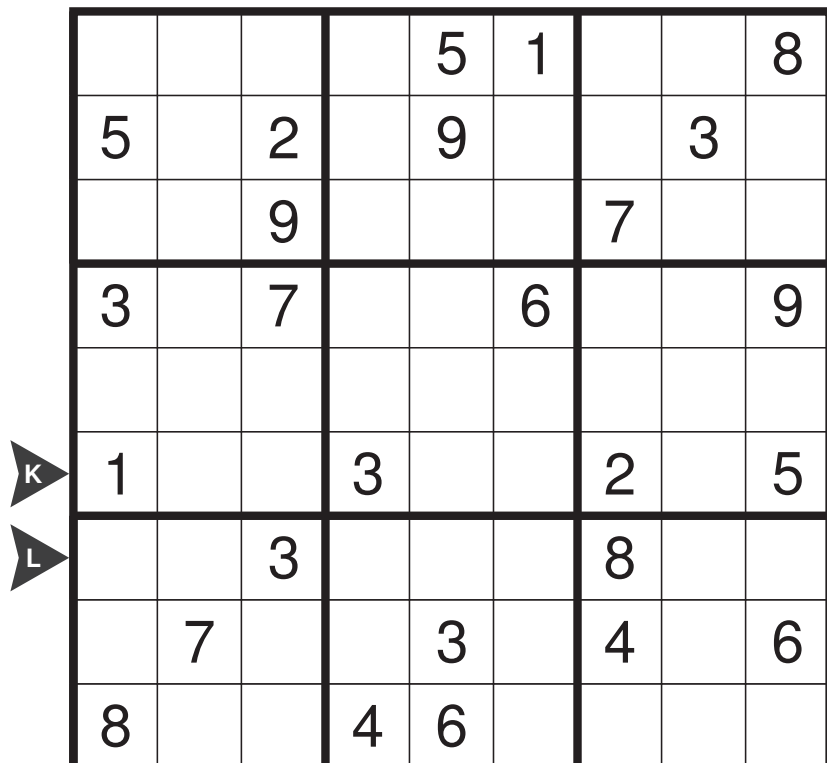
		1	5		
4					6
		6	4		
1					3
6					4

Quadro Sudoku

12 points

Apply standard Sudoku rules.

No 2x2 square can contain only odd or only even numbers.



				5	1			8
5		2		9			3	
		9				7		
3		7			6			9
1			3			2		5
		3				8		
	7			3		4		6
8			4	6				

Odd Even Count

4 points

Apply standard Sudoku rules.

An even digit inside a circle represents the number of cells with even digits in the surrounding 8 cells.

An odd digit inside a circle represents the number of cells with odd digits in surrounding 8 cells.

M

2				1	
			○		6
	○		6		
		2		○	
6		○			
	2				○

Odd Even Count

12 points

Apply standard Sudoku rules.

An even digit inside a circle represents the number of cells with even digits in the surrounding 8 cells.

An odd digit inside a circle represents the number of cells with odd digits in surrounding 8 cells.

○

N

4		8		○	2	7		
	3			5			6	
1		○	9			○		2
7			○		○	8		
	1			2			5	
		6	○		○			1
6		○			1	○		7
	8			4			1	
		1	6			9		8

Standard Sudoku

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.

1 point



1				6	
	2				3
		3			
			4		
6				5	
	4				6

1 point



1	2			3	5
		2	5		
		5	4		
	3			1	

1 point



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

1 point



				1	2
	2				3
		3			
			4		
2				5	
4	5				

Standard Sudoku

2 points

Place a digit from 1 to 8 in each empty cell so that each digit appears exactly once in each row, column and 2X4 box.

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

Standard Sudoku

3 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

				1	2	3		
				4		6		
6	7				5			
5		2						
1	8						2	4
						9		5
			2				6	8
		8		5				
		1	4	9				

Standard Sudoku

6 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

J

			4	5	6			
		3				7		
	2						8	
1				8				3
2			9		7			6
9				3				5
	6						3	
		9				5		
			8	7	9			

I

Standard Sudoku

4 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

L

6			1	2	3			
			4		6			
				8	9			2
1	2						8	
4		6		1		9		
7	8	9			5			6
				4			7	
			6			4		
		8			2			5

K

Killer Sudoku

6 points

Apply standard Sudoku rules.

The sum of digits in cells inside every cage must equal the total given for the cage at the upper left cell. Digits do not repeat inside a cage.

8		9		11	
	13		10		
7		18			3
	6			11	
11					10
		9			

Killer Sudoku

7 points

Apply standard Sudoku rules.

The sum of digits in cells inside every cage must equal the total given for the cage at the upper left cell. Digits do not repeat inside a cage.

3		7		11		15		10
11	17		8		9		5	
7		3		9	11		15	
								7
5		14		10		11		
15								
	8		15		3		12	

Sum Frame Sudoku

4 points

Apply standard Sudoku rules.

Numbers outside the grid equal the sum of the digits appearing in the first box (till the next bold line) seen from that edge of the grid.

A 6x6 grid with 3x3 sub-grids. The grid is divided into three horizontal sections by bold lines. The sum clues are: top row (7, 3, 7), right side (9, 14, 8), and bottom row (9, 6, 6). A label 'E' is in a triangle above the top-right corner.

Sum Frame Sudoku

10 points

Apply standard Sudoku rules.

Numbers outside the grid equal the sum of the digits appearing in the first box (till the next bold line) seen from that edge of the grid.

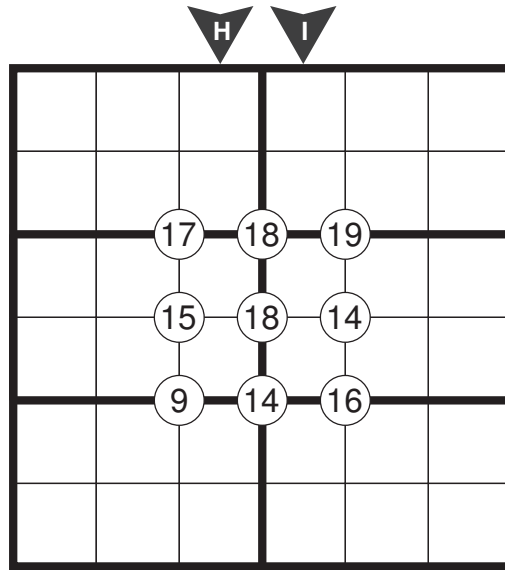
A 10x10 grid with 5x5 sub-grids. The grid is divided into five horizontal sections by bold lines. The sum clues are: top row (15, 8, 22, 7, 15, 23, 14, 13, 18), right side (10, 24, 11, 19, 9, 17, 13, 12, 20), bottom row (16, 20, 9, 23, 7, 15, 22, 17, 6), and left side (17, 8, 20, 6, 24, 15, 12, 20, 13). Labels 'F' and 'G' are in triangles pointing to the left and top-right corners respectively.

Group Sum Sudoku

7 points

Apply standard Sudoku rules.

The numbers inside the circles represent the sum of digits in the neighbouring four cells.

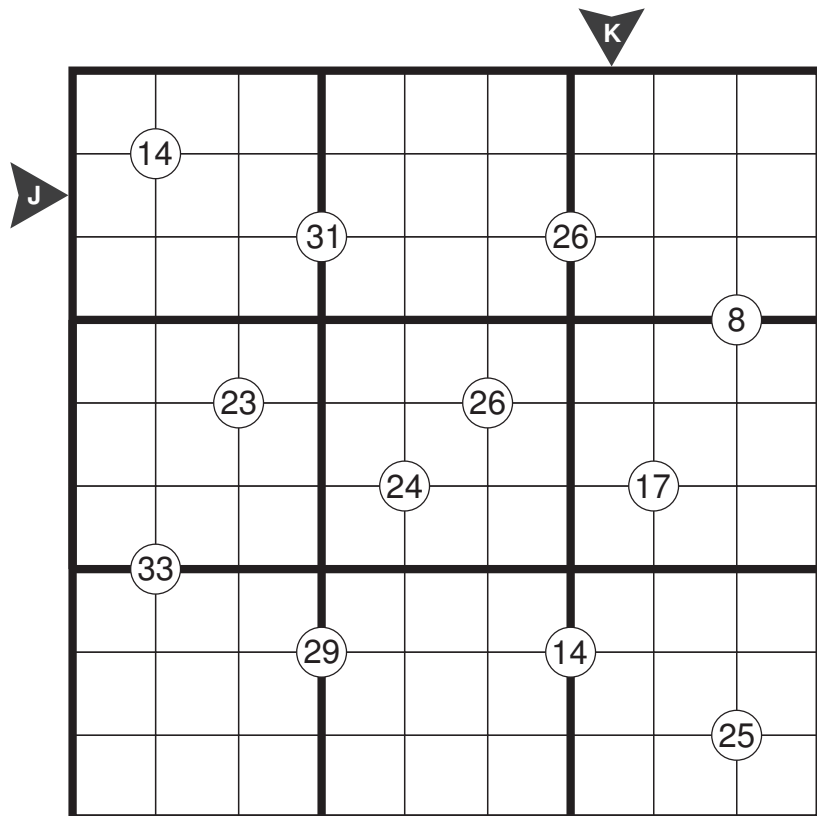


Group Sum Sudoku

15 points

Apply standard Sudoku rules.

The numbers inside the circles represent the sum of digits in the neighbouring four cells.



Equal Product Sudoku

5 points

Apply standard Sudoku rules.

Intersections marked with 'X' indicate the product of digits in diagonally opposite cells is equal. Not all possible 'X's are marked.

5	4				
6	1				
				5	2
				4	3

Equal Product Sudoku

13 points

Apply standard Sudoku rules.

Intersections marked with 'X' indicate the product of digits in diagonally opposite cells is equal. Not all possible 'X's are marked.

6								

Standard Sudoku

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.

1 point



		1	2		
				4	
2					3
1					4
	3				
		6	5		

1 point



5				3	
			5		2
				1	
	4				
6		3			
	2				6

2 points



6		2			
	1				
2			3		
		5			2
				5	
			4		6

1 point



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

Standard Sudoku

4 points

Place a digit from 1 to 8 in each empty cell so that each digit appears exactly once in each row, column and 2X4 box.

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

Standard Sudoku

7 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

			4	7	8			
		9	1		2	3		
	4						7	
	3	2				4	6	
			9		3			
	1	8				7	9	
	8						2	
		1	6		7	8		
			8	9	5			

Standard Sudoku

5 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

	3				7	1		
7		1				2		
	2		3				4	6
		3		1				4
			9		5			
1				7		3		
2	9				6		3	
		6				4		9
		4	1				7	

Standard Sudoku

6 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

		8	2					
	3		4			1	9	
2				6			7	
8	9				4			
		5				4		
			3				5	7
	1			2				5
	8	6			7		1	
					6	7		

2-3 Outside Sudoku

3 points

Apply standard Sudoku rules.

The digits outside the grid must appear in the 2nd or 3rd cell of the grid from the corresponding direction.

5 **A** 5 6 1 4

2

1 5 4 6

2 4 3 5

3

2 4 2 3 6

2-3-4 Outside Sudoku

11 points

Apply standard Sudoku rules.

The digits outside the grid must appear in the 2nd or 3rd or 4th cell of the grid from the corresponding direction.

1 2 6 6 9 1 5 7 8 8 9 4 5 6

B 1 9 5 3 6 8

C 6 9 2 5

1 8

8 6 3 7

3 4

3 7 5 9

8 1 4 2 5 9

3 8 9 1 7 3 6 8 4 1 5 2 8 9

Descriptive Pair Sudoku

3 points

Apply standard Sudoku rules.

For every pair of outside clues X and Y, at least one of these cases is true:
 (a) X is in the Yth position in that direction.
 (b) Y is in the Xth position in that direction.

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

Descriptive Pair Sudoku

11 points

Apply standard Sudoku rules.

For every pair of outside clues X and Y, at least one of these cases is true:
 (a) X is in the Yth position in that direction.
 (b) Y is in the Xth position in that direction.

		1	8	1	5	1	5	1	7	2	
		8	9	6	7	6	6	4	8	8	
4	7									1	6
	4									3	4
	5									3	9
2	8									1	3
2	7									1	8
6	8									1	6
4	5									2	6
5	8									3	7
4	8									2	7
		3	5	6	1	5	4	6	3	3	
		4	9	7	3	7	7	8	9	5	

Next to 6 Sudoku

4 points

Apply standard
Sudoku rules.

Additionally the
clues outside the
grid indicate the
numbers to be
placed in the cells
before and after the
cell containing 6 (in
any order) in the
corresponding
direction.

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

Next to 9 Sudoku

10 points

Apply standard
Sudoku rules.

Additionally the
clues outside the
grid indicate the
numbers to be
placed in the cells
before and after the
cell containing 9 (in
any order) in the
corresponding
direction.

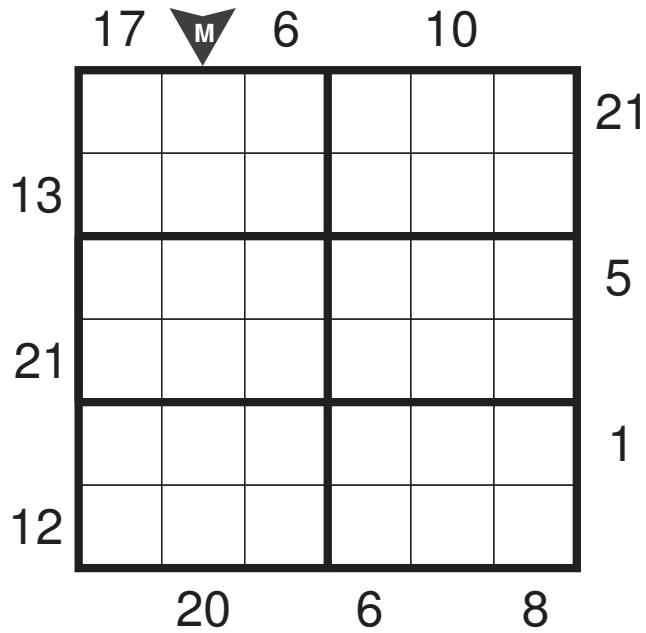
		8		8	7	3		4	3	8
		3	8	6	1	8	4	5	8	2
1	2									
K	3	4								
L	2	3								
6					2					
3	4									
1	4	7								5
4	6									
5										
1	2									

X Sums Sudoku

2 points

Apply standard Sudoku rules.

Additionally the clues outside the grid indicate the sum of the first X numbers placed in the corresponding direction, where X is equal to the first number placed in that direction.

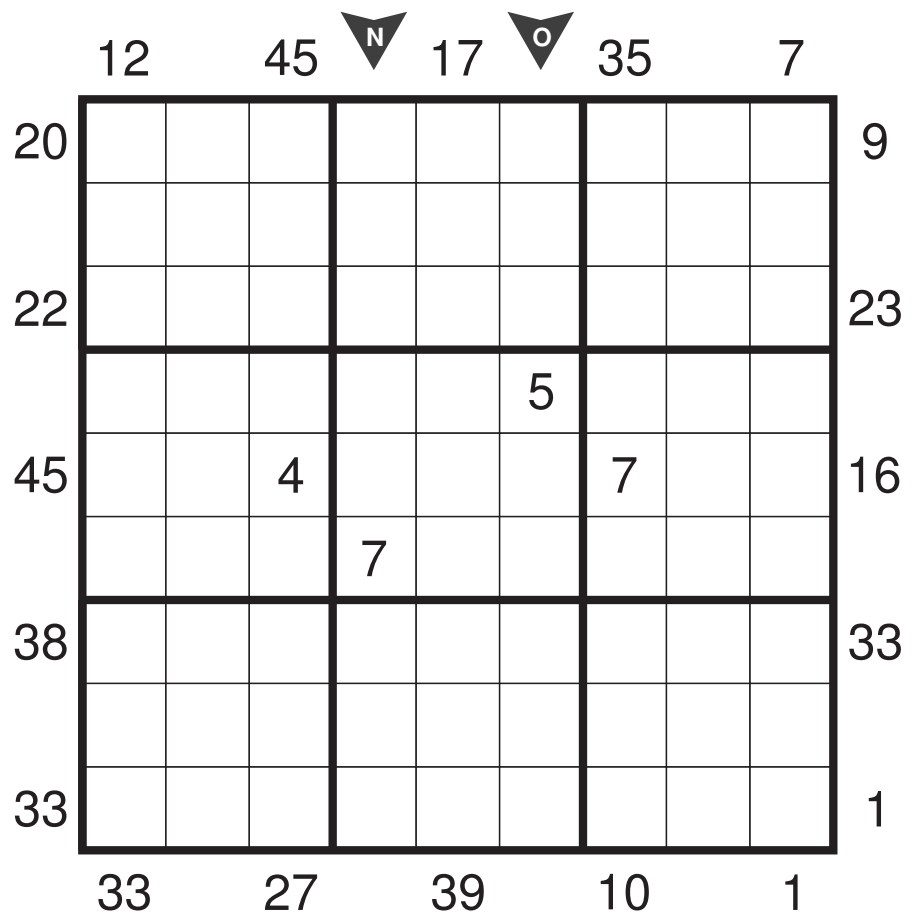


X Sums Sudoku

12 points

Apply standard Sudoku rules.

Additionally the clues outside the grid indicate the sum of the first X numbers placed in the corresponding direction, where X is equal to the first number placed in that direction.



Standard Sudoku

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.

1 point



5	4				
6					
4			6		
		1			4
					1
				3	2

1 point



5				1	
	3		4		
		1			
			2		
		2		4	
	5				6

1 point



4					5
			3		
		2		6	
	1		5		
		4			
1					2

1 point



					3
	1	2			
		3			1
1			6		
			5	4	
6					

Standard Sudoku

4 points

Place a digit from 1 to 8 in each empty cell so that each digit appears exactly once in each row, column and 2X4 box.

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

Standard Sudoku

11 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

7			6			1		
	4			7			5	
		2			8			6
		4			3			9
	8			5			1	
2			8			6		
5			3			9		
	2			6			4	
		6			7			5

Standard Sudoku

6 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

3								1
		2	9		7	3		
	9			5			4	
	7			2			9	
		8	5		9	6		
4								3
		6	8		1	5		
		4	3		5	2		
1				7				9

Standard Sudoku

7 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

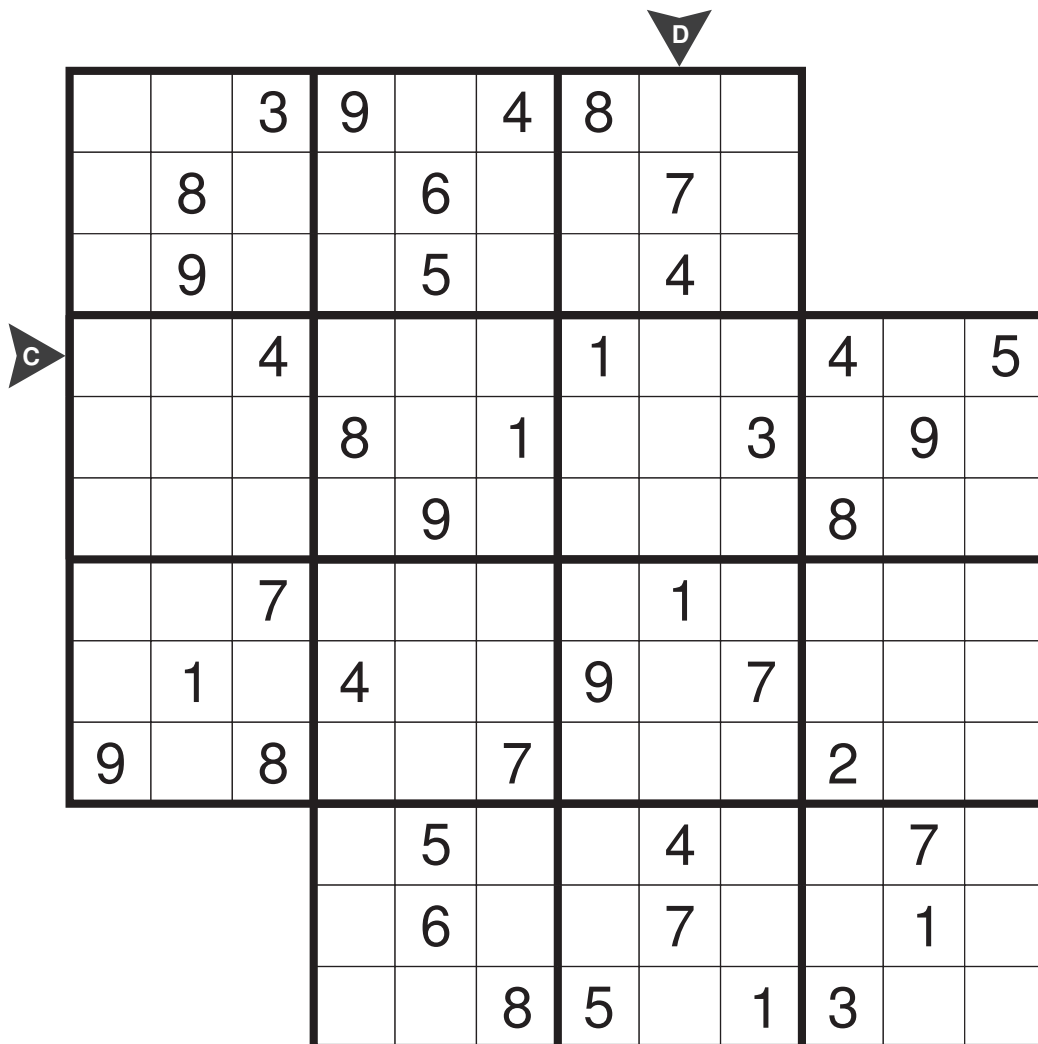
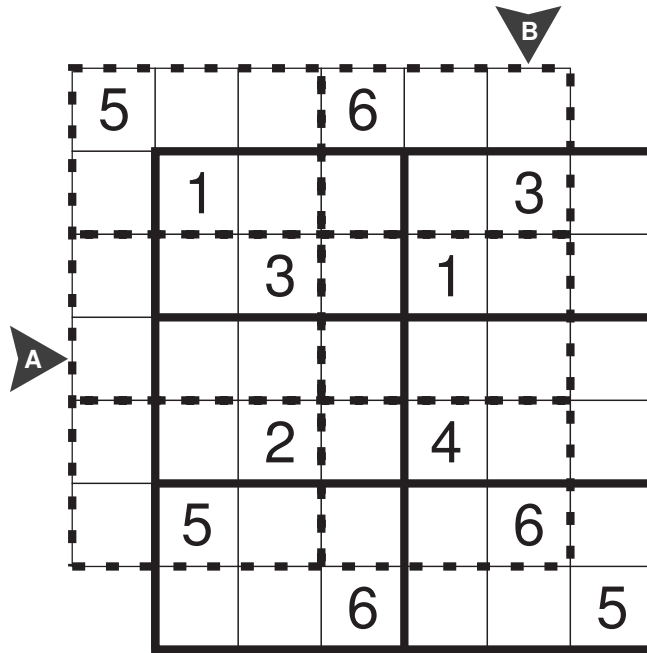
2		6			4	9		7
	1			3			2	
7			8					1
			2			1		
	2			9			4	
		1			6			
8					5			4
	3			4			7	
6		5	9			8		3

Overlapping Sudoku

3 points
16 points

Apply standard Sudoku rules to each of the grids.

Two grids are overlapping.



Linked Sudoku

5 points

Apply standard
Sudoku rules to
each of the grids.

Two grids are linked
to each other. The
shaded cells must
contain same digit
in both the grids.

A

					1
		1			
	1		5		
		2		1	
			1		
1					

B

2					
			6		
		1		4	
	1		3		
		6			
					5

Linked Sudoku

16 points

Apply standard Sudoku rules to each of the grids.

Two grids are linked to each other. The shaded cells must contain same digit in both the grids.

C

3		2				6		8
	4							
7		1				4		2
			9		6			
				4				
			8		7			
6		4				1		9
							6	
5		9				7		4

E

	9						4	
1	4	6				8		5
	8					7	1	
				2				
			1	3	5			
				4				
	5	7					9	
8		1				5	7	2
	2						8	

D

Disjoint Sudoku

1 point

Apply standard Sudoku rules.

Additionally, no digit can appear in the same position in different 2X3 boxes.

A

1					6
	3		1		
					4
2					
		5		6	
6					1

Disjoint Sudoku

9 points

Apply standard Sudoku rules.

Additionally, no digit can appear in the same position in different 3X3 boxes.

C

B

	2			3		9		
4		3		9				
	9				1	5		
							9	
	7	8				3	5	
	6							
		2	5				6	
				1		2		7
		9		7			4	

Mirror Sudoku

1 point

Apply standard Sudoku rules.

The four corner boxes (top left, top right, bottom left, bottom right) all contain the same digit in symmetrical positions with respect to the center of the grid.

				4	
					6
	2				
1		3			
				5	



Mirror Sudoku

7 points

Apply standard Sudoku rules.

The four corner boxes (top left, top right, bottom left, bottom right) all contain the same digit in symmetrical positions with respect to the center of the grid.

3					2			6
	2			6			3	
		1	8					4
		6	1					2
	5						1	
7					5	6		
4					9	1		
	3			5			2	
6			2					3



Standard Sudoku

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.

1 point

B

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

1 point

D

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

1 point

F

		5	4		6
				3	
	3				2
6			3		
4			6		
E				5	

2 points

H

	1		3		
		2		4	
	3		5		
		4		2	
G					

Standard Sudoku

4 points

Place a digit from 1 to 8 in each empty cell so that each digit appears exactly once in each row, column and 2X4 box.

J

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

Standard Sudoku

- 1

4 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

L

1				8				9
	2		4		6		8	
		3		1		4		
		8				6		
	1						3	
3				7				2
	4		6		8		1	
		5				9		
9			3	2	5			8

K

**Standard Sudoku
- 2**

5 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

N

3								2
5	4						9	
			8	5	9			
		1	9		7	4		
6	5						2	9
		4	1		5	8		
			6	4	2			
4	6						8	
1								6

M

**Standard Sudoku
- 3**

4 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

P

6			7		5			
1			8					
2	3	4	9					
3			1		4	9	2	8
4			2		9			3
					6	4	7	1
					7		8	
	1				8			9
5		2						

O

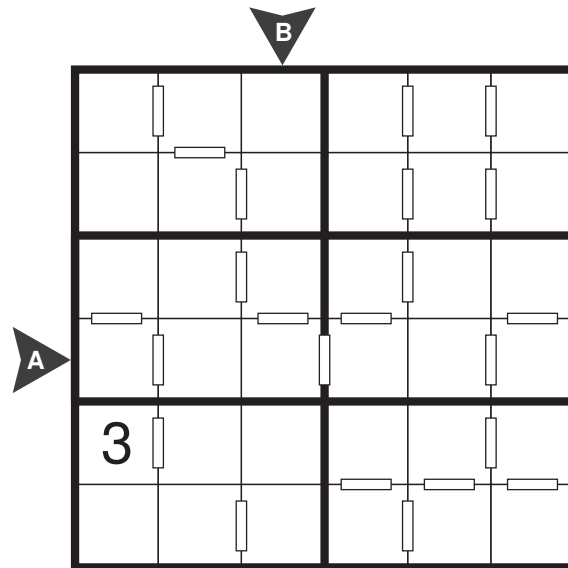
Consecutive Sudoku

1 points

Apply standard Sudoku rules.

Orthogonally adjacent cells containing consecutive numbers are separated by bars.

All possible bars are marked.



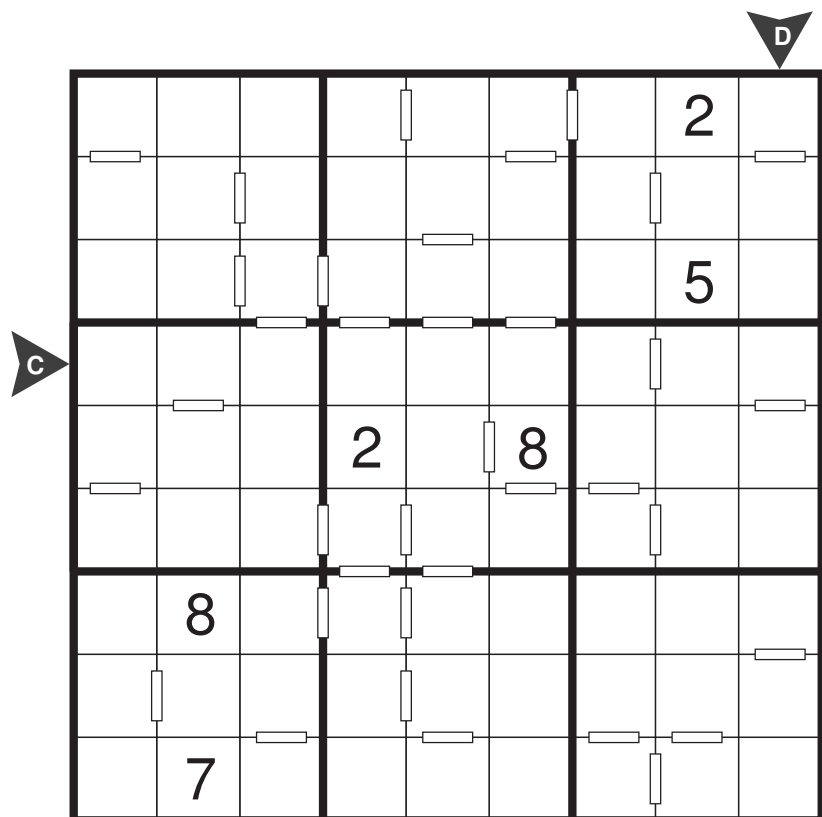
Consecutive Sudoku

12 points

Apply standard Sudoku rules.

Orthogonally adjacent cells containing consecutive numbers are separated by bars.

All possible bars are marked.



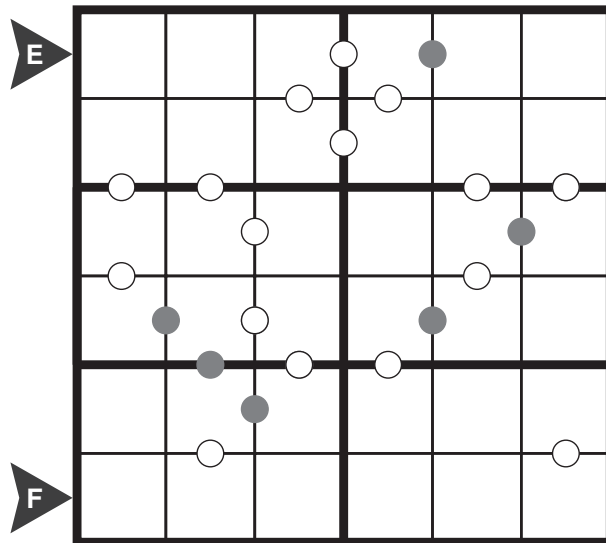
Kropki Sudoku

3 points

Apply standard Sudoku rules.

If the difference between digits in orthogonally adjacent cells is 1, then they are separated by a white dot. If the digit in a cell is half of the digit in an orthogonally adjacent cell, then they are separated by a black dot. The dot between '1' and '2' can have any of these dots.

All possible dots are marked.



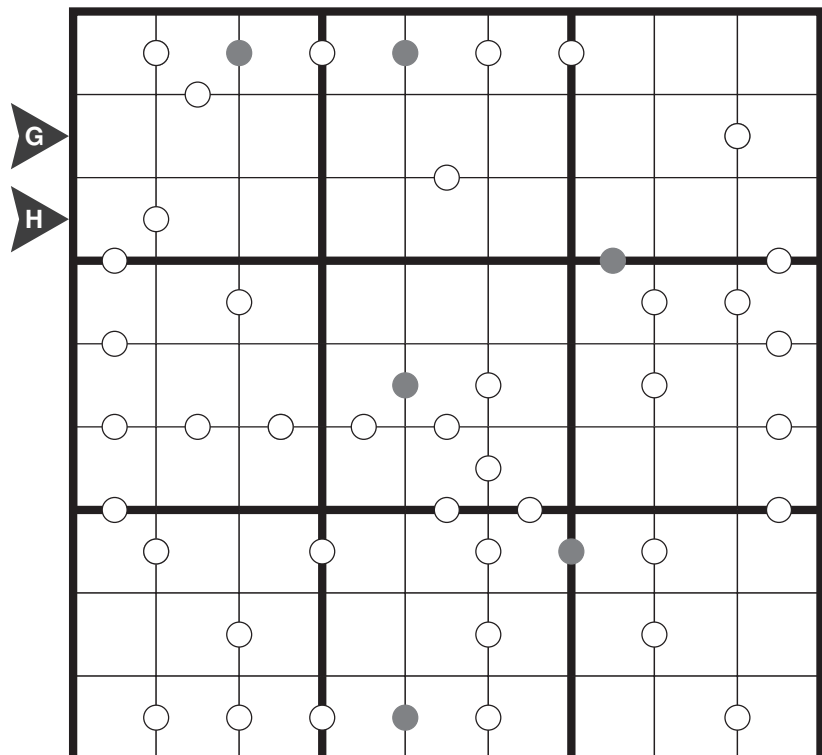
Kropki Sudoku

16 points

Apply standard Sudoku rules.

If the difference between digits in orthogonally adjacent cells is 1, then they are separated by a white dot. If the digit in a cell is half of the digit in an orthogonally adjacent cell, then they are separated by a black dot. The dot between '1' and '2' can have any of these dots.

All possible dots are marked.

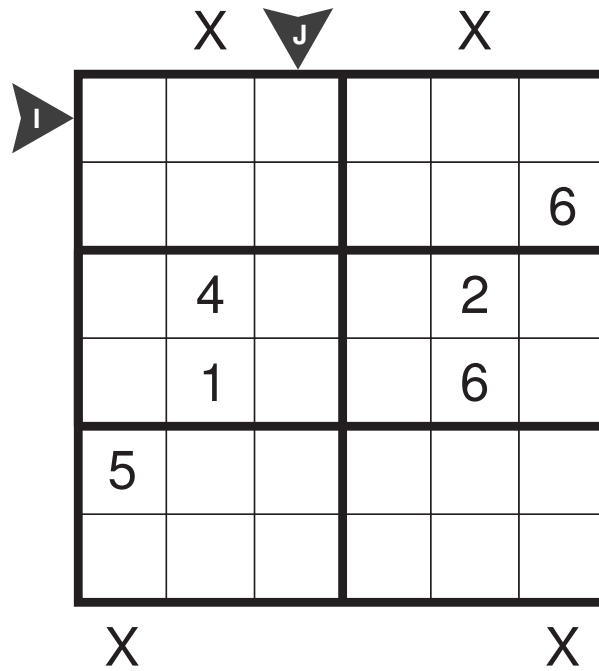


X Sum Frame Sudoku

3 points

Apply standard Sudoku rules.

The letter 'X' indicates the sum of the numbers appearing in the first box in that particular row/column seen from that direction (first three numbers for rows, and first two numbers for columns). X is to be determined as part of solving.



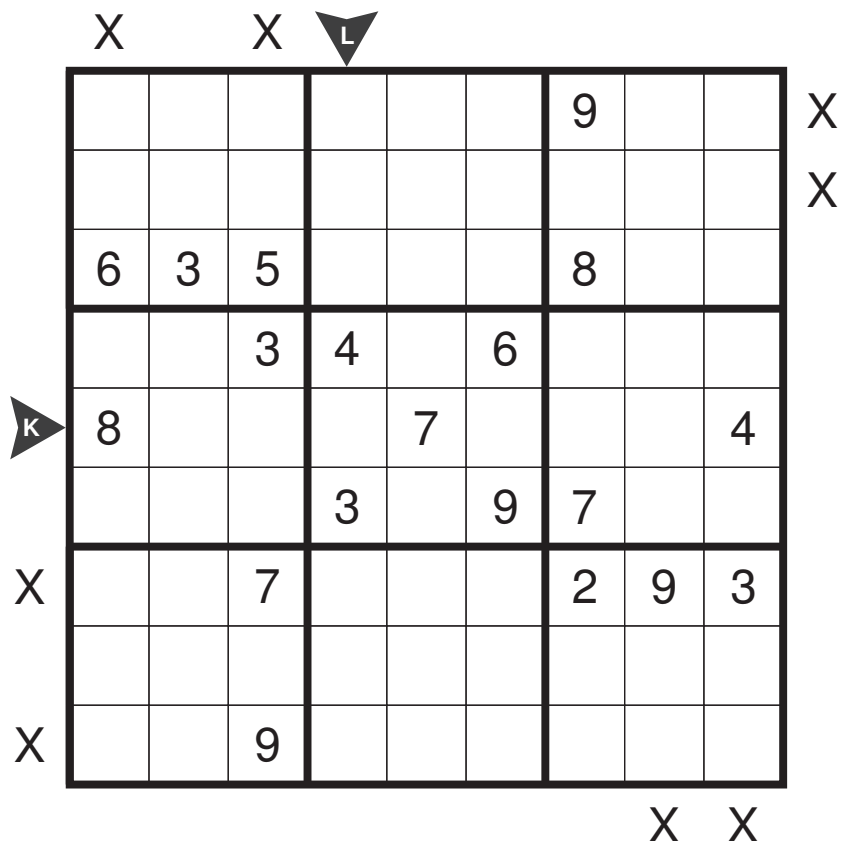
All rows/columns, where the sum is X, are marked. If there is no X marked for a row/column, the sum cannot be X.

X Sum Frame Sudoku

9 points

Apply standard Sudoku rules.

The letter 'X' indicates the sum of the numbers appearing in the first box in that particular row/column seen from that direction (first three numbers). X is to be determined as part of solving.



All rows/columns, where the sum is X, are marked. If there is no X marked for a row/column, the sum cannot be X.

QuadMax 4Odd 4Even Sudoku

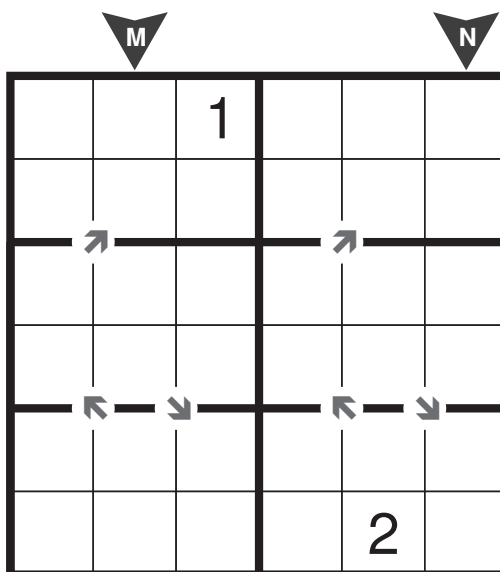
2 points

Apply standard Sudoku rules.

The 2x2 boxes where an arrow points to the cell(s) with the biggest digit contain either ALL even numbers or ALL odd numbers.

All arrows are indicated.

If there is no arrow in a 2x2 area, the 4 cells do not all have the same parity.



QuadMax 4Odd 4Even Sudoku

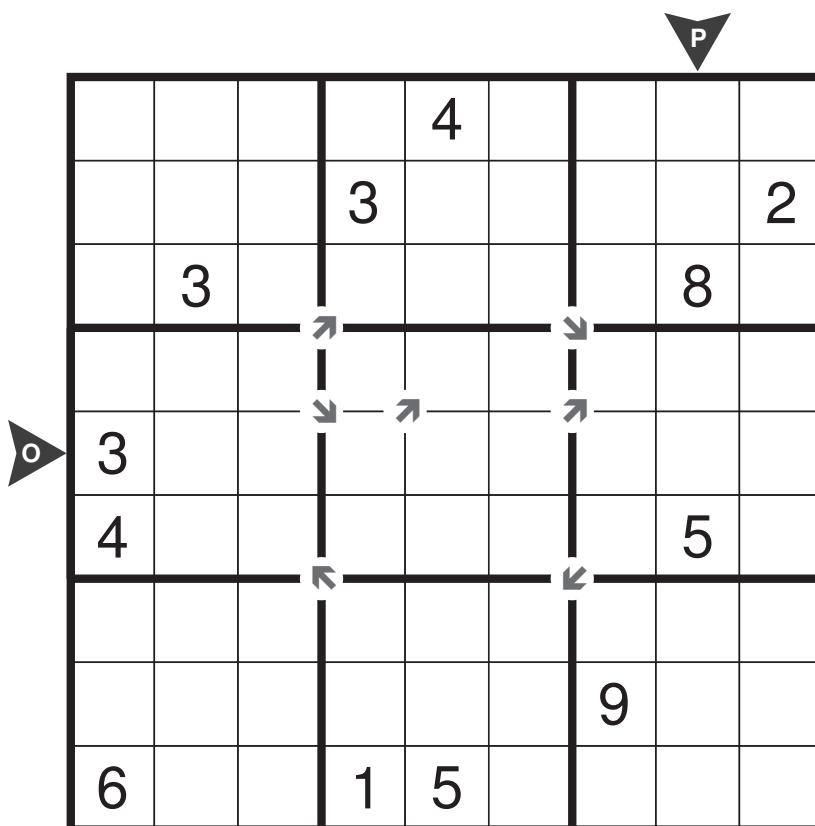
16 points

Apply standard Sudoku rules.

The 2x2 boxes where an arrow points to the cell(s) with the biggest digit contain either ALL even numbers or ALL odd numbers.

All arrows are indicated.

If there is no arrow in a 2x2 area, the 4 cells do not all have the same parity.



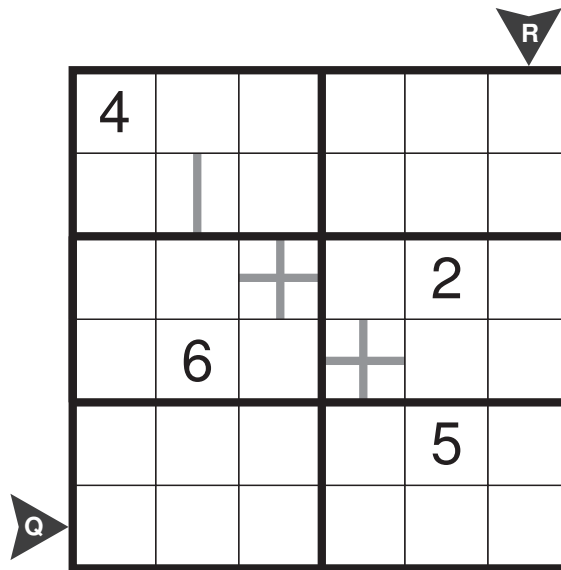
Average Sudoku

3 points

Apply standard Sudoku rules.

If the number in a cell equals the average of its two horizontal neighbours then the cell is marked with a horizontal line. If the number in a cell equals the average of its two vertical neighbours then the cell is marked with a vertical line.

All possible lines are marked.



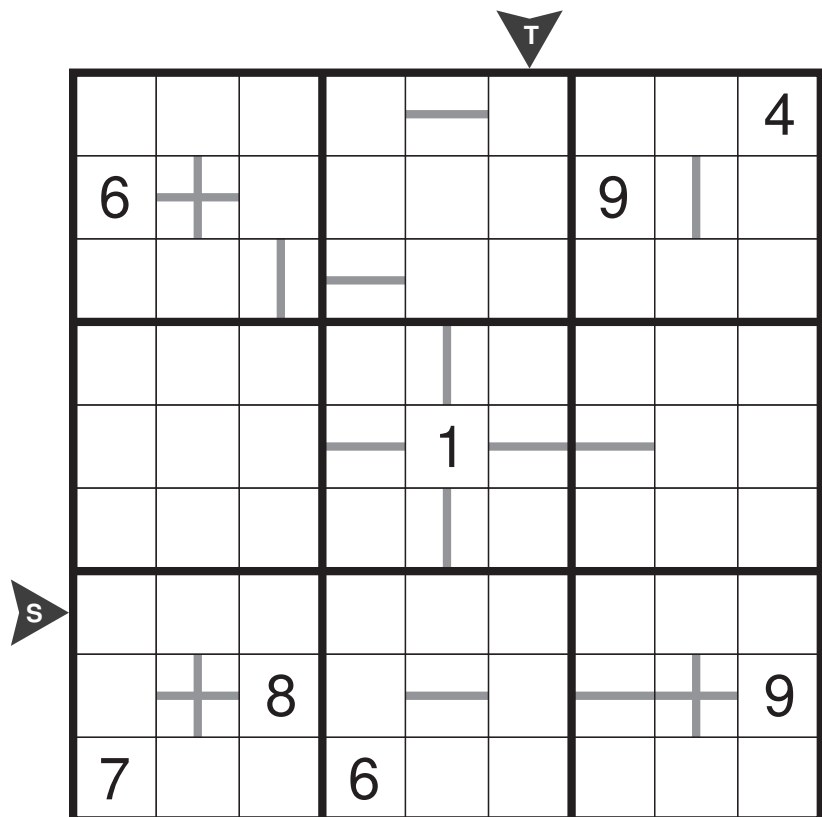
Average Sudoku

13 points

Apply standard Sudoku rules.

If the number in a cell equals the average of its two horizontal neighbours then the cell is marked with a horizontal line. If the number in a cell equals the average of its two vertical neighbours then the cell is marked with a vertical line.

All possible lines are marked.



Standard Sudoku

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.

1 point

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

1 point

					6
1		5			
5		6			
			6		3
			3		4
6					

1 point

1					2
		3	5		
					4
		1	3		
2					1

1 point

		1	2		
3	4				
				4	6
		5	1		

Standard Sudoku

3 points

Place a digit from 1 to 8 in each empty cell so that each digit appears exactly once in each row, column and 2X4 box.

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

Standard Sudoku - 1

5 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

	5		8		1		6		3
		1		4		6		8	
G									
	6		4				5		7
		7		8		2		4	
H									
		3		7		5		1	
	8		2		3		4		9

Standard Sudoku - 2

6 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

1				5				9
			7					
	3	2				1	5	
	8		1		2			
7								8
			3		4		1	
	4	5				3	2	
					8			
9				6				1

Standard Sudoku - 3

10 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

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

Irregular Sudoku

2 points

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and outlined region. Each outlined region is marked by thick borders.

3	1		4		
			5		
		1			
		6		3	1

Irregular Sudoku

6 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and outlined region. Each outlined region is marked by thick borders.

	7						1	2
	3							9
3				1	8		9	
4			8			1		
				6				
		6			5			3
	9		4	7				1
9							7	
7	8						2	

Toroidal Sudoku

2 points

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and outlined region. Some of the outlined regions wrap between the top and bottom edges, and/or the left and right edges of the grid.

3					5
	5		6		
		4		3	
6					1



Toroidal Sudoku

15 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and outlined region. Some of the outlined regions wrap between the top and bottom edges, and/or the left and right edges of the grid.

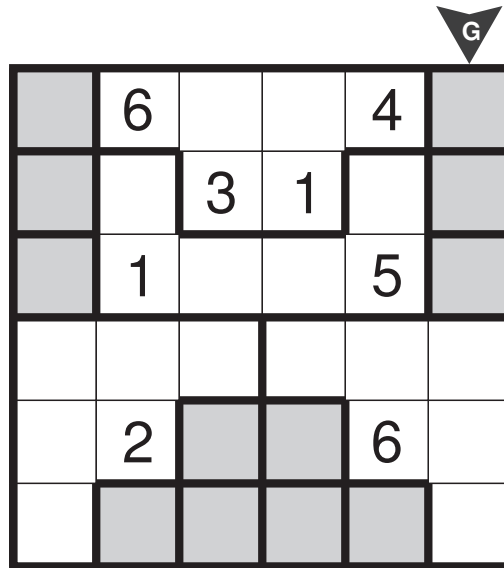
1							9	
						2		6
					8		7	
				1		4		
			5		9			
		7		4				
	8		2					
2		3						
	5							8



Scattered Sudoku

2 points

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column, outlined region. Grey cells are not part of any regions.

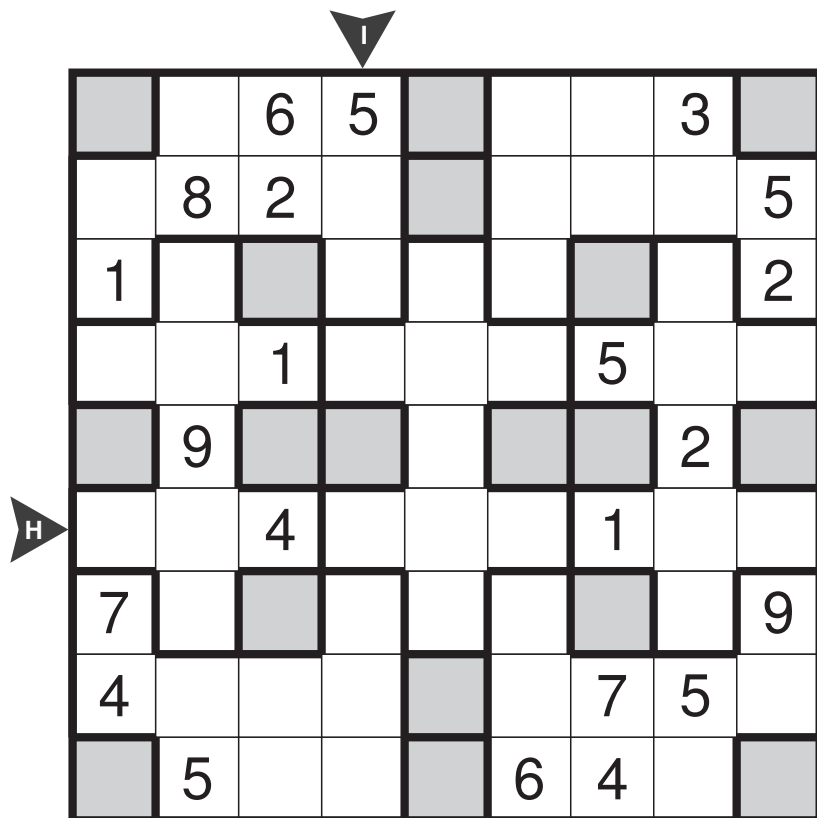


	6			4	
		3	1		
	1			5	
	2			6	

Scattered Sudoku

12 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column, outlined region. Grey cells are not part of any regions.



		6	5				3	
	8	2						5
1								2
		1				5		
	9						2	
		4				1		
7								9
4						7	5	
	5				6	4		

Deficit Sudoku

5 points

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row and column. Digits should not repeat in the outlined regions.

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

Deficit Sudoku

8 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row and column. Digits should not repeat in the outlined regions.

9			6	4				1
			1	7			5	
8		1				6		
		4			8		9	7
			8		9			
6	5		7			4		
		3				1		6
	3			2	4			
5				9	1			2

Solved Example
1-4

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

Instructionless
1-6

4 points

5				1				5
	4						4	
	6						6	
1				4				2

Instructionless 1-9

16 points

			9	5				8		2
3						2				
5						8				
		5		2			9			7
2			5			9		6		
				1						5
				6						3
8		6				4	3			

Standard Sudoku

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.

1 point

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

1 point

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

1 point

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

2 points

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

Standard Sudoku

5 points

Place a digit from 1 to 8 in each empty cell so that each digit appears exactly once in each row, column and 2X4 box.

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

Standard Sudoku - 1

9 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

6	3	9	5	1	4	2	7	8	
4	8	7	6	3	2	9	5	1	
5	2	1	7	9	8	3	6	4	
1	6	5	9	4	3	7	8	2	
8	9	4	1	2	7	5	3	6	
G	3	7	2	8	5	6	4	1	9
9	5	3	4	8	1	6	2	7	
7	4	8	2	6	5	1	9	3	
H	2	1	6	3	7	9	8	4	5

Standard Sudoku - 2

6 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

2	7	4	6	1	9	3	5	8	
8	1	3	5	7	2	4	9	6	
5	6	9	3	8	4	7	2	1	
I	1	3	2	4	9	5	6	8	7
J	4	5	7	8	2	6	9	1	3
6	9	8	1	3	7	2	4	5	
9	4	1	7	5	3	8	6	2	
7	2	5	9	6	8	1	3	4	
3	8	6	2	4	1	5	7	9	

Standard Sudoku - 3

8 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

2	9	1	3	5	7	4	6	8	
3	6	8	9	4	2	1	5	7	
4	7	5	6	1	8	3	9	2	
L	7	8	6	1	2	4	5	3	9
K	9	1	4	8	3	5	2	7	6
5	2	3	7	9	6	8	1	4	
1	3	7	4	8	9	6	2	5	
6	4	2	5	7	1	9	8	3	
8	5	9	2	6	3	7	4	1	

Diagonal Sudoku

2 points

Apply standard Sudoku rules.

Additionally, each extra main diagonal (marked by a line) must contain digits from 1-6.

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

Diagonal Sudoku

11 points

Apply standard Sudoku rules.

Additionally, each extra main diagonal (marked by a line) must contain digits from 1-9.

4	1	2	7	3	5	8	6	9
6	7	8	2	9	4	5	3	1
9	3	5	1	6	8	4	2	7
5	6	9	3	7	2	1	4	8
7	2	3	4	8	1	6	9	5
8	4	1	6	5	9	3	7	2
3	9	7	5	1	6	2	8	4
2	5	6	8	4	7	9	1	3
1	8	4	9	2	3	7	5	6

Extra Region Sudoku

3 points

Apply standard Sudoku rules.

Additionally, each extra region must contain digits from 1-6. The extra regions are of 6 cells each and are shaded / caged in the grid.

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

Extra Region Sudoku

8 points

Apply standard Sudoku rules.

Additionally, each extra region must contain digits from 1-9. The extra regions are of 9 cells each and are shaded / caged in the grid.

1	2	3	4	5	6	7	8	9
6	5	9	3	8	7	4	2	1
4	8	7	2	9	1	5	3	6
5	1	6	7	3	4	2	9	8
9	4	8	1	2	5	3	6	7
7	3	2	9	6	8	1	4	5
8	9	4	5	1	3	6	7	2
2	7	1	6	4	9	8	5	3
3	6	5	8	7	2	9	1	4

Palindrome Sudoku

3 points

Apply standard Sudoku rules.

Additionally, the digits in the cells with the line form palindromes, i.e. they read the same from both the directions.

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

Palindrome Sudoku

8 points

Apply standard Sudoku rules.

Additionally, the digits in the cells with the line form palindromes, i.e. they read the same from both the directions.

I	5	6	9	7	1	8	3	4	2
	4	3	1	5	2	9	8	6	7
	2	8	7	6	3	4	9	1	5
J	7	5	6	8	9	3	4	2	1
	1	2	3	4	5	6	7	8	9
	8	9	4	2	7	1	5	3	6
	3	4	2	9	6	5	1	7	8
	6	1	5	3	8	7	2	9	4
	9	7	8	1	4	2	6	5	3

UnTouch Sudoku

2 points

Apply standard Sudoku rules.

Additionally, identical digits do not touch each other diagonally.

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

K

UnTouch Sudoku

12 points

Apply standard Sudoku rules.

Additionally, identical digits do not touch each other diagonally.

9	1	5	4	2	3	6	8	7
6	2	3	7	8	5	4	9	1
7	8	4	9	1	6	3	2	5
1	5	2	6	3	4	9	7	8
8	3	9	1	7	2	5	6	4
4	6	7	8	5	9	1	3	2
3	9	1	2	4	7	8	5	6
5	7	8	3	6	1	2	4	9
2	4	6	5	9	8	7	1	3

L

M

Pencil Marks Sudoku

6 points

Apply standard Sudoku rules.

In some cells you find all allowed candidates for the specific cell.

6	2	4	5	3	1
5	1	3 _{1 2 3}	4 _{1 3 4}	2	6
1 _{1 3}	4	6 _{4 5 6}	2 _{1 2 4}	5	3 _{2 3}
M 2	3 _{1 3 5}	5	6	1 _{1 2 6}	4
4	5 _{5 6}	1	3	6 _{5 6}	2
3	6 _{3 6}	2 _{2 6}	1 _{1 4}	4 _{1 4}	5

Pencil Marks Sudoku

12 points

Apply standard Sudoku rules.

In some cells you find all allowed candidates for the specific cell.

N 4	7	5	1	8	3	9	2	6
2	8	6	9	5	4	3	7	1
9	1	3	2 _{2 3 4}	7	6 _{4 5 6}	5	8	4
1	6	9	3	4	8	2	5	7
7	4	2	6 _{3 5 8}	9	5 _{5 7 8}	8	1	3
3	5	8	7	1	2	6	4	9
8	3	1	4 _{3 4 8}	2	9 _{4 8 9}	7	6	5
5	9	4	8	6	7	1	3	2
O 6	2	7	5	3	1	4	9	8

Standard – Aditi Seshadri

A

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

Standard – Aditi Seshadri

B

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

Standard – Aditi Seshadri

C

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

Standard – Prasanna Seshadri

D

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

Standard – Prasanna Seshadri

F

E

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

Standard – Prasanna Seshadri

H

G

5	9	8	1	6	4	2	7	3
6	2	1	7	9	3	4	8	5
4	7	3	5	2	8	6	9	1
3	1	4	9	5	6	7	2	8
2	6	5	8	1	7	3	4	9
7	8	9	3	4	2	5	1	6
9	3	7	4	8	5	1	6	2
8	4	2	6	3	1	9	5	7
1	5	6	2	7	9	8	3	4

Standard – Prasanna Seshadri

9	8	7	4	2	1	3	5	6
1	6	2	3	5	9	4	7	8
4	5	3	8	7	6	2	1	9
2	3	4	5	9	7	6	8	1
6	9	8	1	4	2	7	3	5
7	1	5	6	3	8	9	2	4
3	7	6	9	8	5	1	4	2
8	2	9	7	1	4	5	6	3
5	4	1	2	6	3	8	9	7

Standard – Aditi Seshadri

8	4	6	2	9	5	1	3	7
5	9	2	7	3	1	4	6	8
7	1	3	6	8	4	5	2	9
2	8	4	3	5	7	9	1	6
1	3	5	4	6	9	7	8	2
9	6	7	8	1	2	3	5	4
6	2	9	1	7	3	8	4	5
4	7	1	5	2	8	6	9	3
3	5	8	9	4	6	2	7	1

Thermo – Prasanna Seshadri

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

Quadruple – Prasanna Seshadri

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

Thermo – Prasanna Seshadri

1	3	9	5	4	2	7	6	8
8	4	2	7	6	1	9	3	5
7	5	6	3	8	9	2	1	4
9	7	8	6	1	3	4	5	2
3	2	4	9	5	7	1	8	6
6	1	5	8	2	4	3	7	9
4	8	1	2	3	5	6	9	7
2	6	7	1	9	8	5	4	3
5	9	3	4	7	6	8	2	1

Extra Region – Prasanna Seshadri

1	7	9	8	2	3	5	4	6
3	8	6	7	5	4	1	9	2
4	2	5	6	9	1	7	3	8
7	3	1	4	8	5	2	6	9
9	5	4	2	6	7	3	8	1
2	6	8	3	1	9	4	7	5
5	1	7	9	4	8	6	2	3
6	9	3	1	7	2	8	5	4
8	4	2	5	3	6	9	1	7

Touchy – Prasanna Seshadri

G	6	5	3	2	1	4
	4	2	1	6	3	5
	3	1	4	5	2	6
	2	6	5	3	4	1
	1	3	6	4	5	2
H	5	4	2	1	6	3

Repeated Neighbours – Prasanna Seshadri

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

Touchy – Prasanna Seshadri

J	3	1	2	8	6	7	5	4	9
	4	7	6	9	1	5	2	3	8
	5	9	8	3	2	4	1	6	7
	2	3	9	7	8	1	6	5	4
	1	4	5	6	9	2	7	8	3
	6	8	7	5	4	3	9	1	2
	7	2	3	4	5	6	8	9	1
	9	6	4	1	7	8	3	2	5
I	8	5	1	2	3	9	4	7	6

Repeated Neighbours – Prasanna Seshadri

	9	8	7	5	6	4	1	3	2
	6	5	3	1	2	8	9	4	7
	4	1	2	3	7	9	5	8	6
	3	6	1	2	4	5	8	7	9
L	2	9	8	7	1	6	4	5	3
	5	7	4	9	8	3	2	6	1
	1	4	9	6	5	7	3	2	8
	8	2	6	4	3	1	7	9	5
	7	3	5	8	9	2	6	1	4


Renban – Prasanna Seshadri

	6	3	5	4	1	2
N	2	4	1	6	3	5
	5	1	3	2	6	4
	4	2	6	1	5	3
O	1	5	4	3	2	6
	3	6	2	5	4	1

Renban – Prasanna Seshadri


	4	6	2	5	3	8	7	1	9
	3	9	8	1	7	6	5	2	4
	1	7	5	9	2	4	6	3	8
	8	1	6	4	5	3	2	9	7
	2	4	9	6	8	7	1	5	3
	7	5	3	2	9	1	8	4	6
P	6	2	1	8	4	9	3	7	5
	5	3	4	7	6	2	9	8	1
	9	8	7	3	1	5	4	6	2

Standard – Ashish Kumar




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

Standard – Ashish Kumar




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

Standard – Ashish Kumar





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

Standard – Ashish Kumar





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

Standard – Ashish Kumar

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

Standard – Swaroop Guggilam

3	4	8	2	9	7	1	5	6
9	1	2	3	6	5	4	8	7
5	7	6	4	8	1	3	2	9
7	8	1	5	2	9	6	3	4
2	9	5	6	3	4	7	1	8
6	3	4	7	1	8	2	9	5
4	6	3	8	5	2	9	7	1
1	5	7	9	4	3	8	6	2
8	2	9	1	7	6	5	4	3

Standard – Swaroop Guggilam

	1	7	5	3	2	8	6	9	4
I	4	2	6	7	1	9	5	3	8
	8	9	3	6	4	5	1	2	7
J	6	5	9	4	7	2	8	1	3
	3	4	2	8	5	1	9	7	6
	7	8	1	9	3	6	4	5	2
	2	6	8	5	9	3	7	4	1
	9	1	4	2	6	7	3	8	5
	5	3	7	1	8	4	2	6	9

Standard – Ashish Kumar

K	3	4	1	2	8	5	6	7	9
L	5	7	8	9	6	3	4	1	2
	9	6	2	7	1	4	3	8	5
	1	5	9	8	4	6	7	2	3
	8	2	6	5	3	7	1	9	4
	7	3	4	1	2	9	8	5	6
	6	8	7	3	9	2	5	4	1
	4	9	5	6	7	1	2	3	8
	2	1	3	4	5	8	9	6	7

All Odd All Even – Swaroop Guggilam

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

Odd Sum Pair – Swaroop Guggilam

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

All Odd All Even – Swaroop Guggilam

	7	6	5	3	9	1	2	8	4
	8	3	9	7	2	4	5	1	6
	1	2	4	6	8	5	7	3	9
B	3	4	8	9	5	2	6	7	1
	6	9	2	1	3	7	4	5	8
	5	7	1	4	6	8	3	9	2
	9	5	3	2	1	6	8	4	7
C	4	8	6	5	7	9	1	2	3
	2	1	7	8	4	3	9	6	5

Odd Sum Pair – Swaroop Guggilam

	3	9	2	5	8	1	6	4	7
E	7	8	6	3	9	4	5	1	2
	4	5	1	2	6	7	8	9	3
F	8	7	3	4	2	9	1	5	6
	6	1	4	7	5	3	2	8	9
	5	2	9	8	1	6	7	3	4
	2	4	7	1	3	8	9	6	5
	1	6	5	9	4	2	3	7	8
	9	3	8	6	7	5	4	2	1

No Even Neighbours – Swaroop Guggilam

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

Quadro – Ashish Kumar

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

No Even Neighbours – Swaroop Guggilam

1	9	8	5	6	7	4	3	2
3	4	7	2	1	8	5	6	9
2	5	6	3	4	9	7	1	8
9	6	1	8	7	2	3	4	5
4	3	2	9	5	1	8	7	6
7	8	5	6	3	4	9	2	1
6	1	4	7	8	5	2	9	3
5	2	3	4	9	6	1	8	7
8	7	9	1	2	3	6	5	4

Quadro – Swaroop Guggilam

7	3	4	6	5	1	9	2	8
5	8	2	7	9	4	6	3	1
6	1	9	2	8	3	7	5	4
3	4	7	5	2	6	1	8	9
2	5	6	9	1	8	3	4	7
1	9	8	3	4	7	2	6	5
4	6	3	1	7	5	8	9	2
9	7	5	8	3	2	4	1	6
8	2	1	4	6	9	5	7	3

Odd Even Count – Ashish Kumar

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

Odd Even Count – Ashish Kumar

4	6	8	1	3	2	7	9	5
2	3	9	8	5	7	1	6	4
1	7	5	9	6	4	3	8	2
7	4	2	5	1	6	8	3	9
9	1	3	7	2	8	4	5	6
8	5	6	4	9	3	2	7	1
6	9	4	3	8	1	5	2	7
5	8	7	2	4	9	6	1	3
3	2	1	6	7	5	9	4	8

Killer

B

8	3	1	9	5	4	1	2	6
	4	13	6	2	10	1	5	3
7	1	5	18	3	6	4	3	2
A	6	6	2	4	5	1	3	1
1	5	3	1	2	6	10	4	
	2	4	9	6	3	1	5	

Sum Frame

E

	7	3	7					
9	5	3	1	4	6	2		
	6	4	2	3	5	1	9	
14	3	6	5	2	1	4		
	1	2	4	6	3	5	14	
8	4	1	3	5	2	6		
	2	5	6	1	4	3	8	
	9	6	6					

Killer

D

3	2	1	7	4	3	1	5	6	8	7	10	9	
	3	7	5	2	8	9	4	6	1				
1	6	9	8	8	7	1	9	4	5	5	2	3	
	5	8	7	6	2	3	9	1	4				
7	4	3	3	2	1	9	5	6	8	7			
C	9	6	1	4	7	8	3	5	7	2			
5	1	4	14	6	8	10	3	7	1	2	9	5	
15	8	2	9	5	4	1	7	3	6				
	7	8	5	3	15	9	6	3	2	1	12	4	8

Sum Frame

G

	15	8	22	7	15	23	14	13	18			
17	6	3	8	2	7	9	4	1	5	10		
8	2	1	5	4	3	6	8	9	7	24		
20	7	4	9	1	5	8	2	3	6	11		
6	1	2	3	7	9	4	5	6	8	19		
24	8	9	7	5	6	1	3	2	4	9		
15	5	6	4	3	8	2	1	7	9	17		
12	3	8	1	9	4	7	6	5	2	13		
F	20	9	5	6	8	2	3	7	4	1	12	
13	4	7	2	6	1	5	9	8	3	20		
	16	20	9	23	7	15	22	17	6			

Group Sum

H I

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

Equal Product

M

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

Group Sum

Equal Product

Integer Division

Integer Division

Variants Solutions

2-3 Outside

	5	6	1				
	5	5	4				
	4	3	1	6	2	5	2
	5	2	6	1	4	3	
15	3	1	5	4	6	2	4 6
24	6	4	2	3	5	1	3 5
	1	5	4	2	3	6	
3	2	6	3	5	1	4	
		2	2			6	
		4	3				

Skyscrapers

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

2-3-4 Outside

	1	6	5	8	8	4	
	2	9	1	7	8	9	6
B	2	7	5	8	4	6	3
195	4	1	9	5	7	3	8
C	8	6	3	9	1	2	7
69	8	6	3	9	1	2	7
1	3	2	6	1	5	8	9
86	1	4	8	6	9	7	2
3	5	9	7	3	2	4	1
37	6	3	2	7	8	5	4
8 14	7	8	1	4	6	9	5
	9	5	4	2	3	1	6
		3	1	3	6	4	1
		8	7	8	4	5	2
		9		8		9	

Skyscrapers

	2	5	3	1	5	3	2	4	2
3	4	3	7	9	1	5	8	6	2
3	2	1	8	4	6	3	5	7	9
1	9	6	5	2	7	8	3	4	1
4	3	7	4	1	8	2	9	5	6
3	1	8	6	7	5	9	2	3	4
2	5	2	9	3	4	6	1	8	7
3	7	5	1	8	9	4	6	2	3
2	8	4	3	6	2	1	7	9	5
2	6	9	2	5	3	7	4	1	8
	3	1	3	4	2	2	3	2	2

Descriptive Pair

	2	1	5	2	
	4	6	3	3	
	3	1	6	4	5
36	4	5	2	1	6
23	1	3	4	5	2
45	6	2	5	3	4
13	2	4	1	6	3
G	5	6	3	2	1
		2	3	2	2
		3	1	1	3

Next To 6

	1	2	2	1
	3	4	4	3
35	2	3	6	5
3	5	1	4	2
12	3	5	2	6
4	6	4	1	3
13	1	6	3	4
13	4	2	5	1

Variants Solutions

Descriptive Pair

	1	8	1	5	1	5	1	7	2	
	8	9	6	7	6	6	4	8	8	
47	8	5	6	1	2	9	4	3	7	16
H 47	2	4	9	7	5	3	6	1	8	34
I 56	7	3	1	8	6	4	9	2	5	39
28	6	8	7	2	3	5	1	9	4	13
27	9	1	5	4	7	6	2	8	3	18
68	3	2	4	9	1	8	7	5	6	16
45	1	7	8	5	4	2	3	6	9	26
58	4	9	3	6	8	1	5	7	2	37
48	5	6	2	3	9	7	8	4	1	27
	3	5	6	1	5	4	6	3	3	
	4	9	7	3	7	7	8	9	5	

Next To 9

	8	8	7	3	4	4	3	8	
	3	8	6	1	8	4	5	8	2
12	2	9	1	7	5	8	3	4	6
K 34	6	8	3	9	4	2	5	7	1
L 23	4	7	5	1	6	3	9	2	8
6	1	3	8	5	2	7	4	6	9
34	5	4	9	3	8	6	7	1	2
14	7	2	6	4	9	1	8	3	5
46	8	1	7	2	3	5	6	9	4
5	9	5	2	6	7	4	1	8	3
12	3	6	4	8	1	9	2	5	7

X Sums

	17	M	6	10			
	5	1	2	3	4	6	21
13	3	6	4	1	2	5	
	1	4	5	6	3	2	5
21	6	2	3	5	1	4	
	2	3	6	4	5	1	1
12	4	5	1	2	6	3	
	20	6	8				

X Sums

	12	45	N	17	O	35	7			
20	3	8	9	5	4	1	6	7	2	9
	4	7	6	3	2	9	8	1	5	
22	5	1	2	6	8	7	9	3	4	23
	7	6	1	9	3	5	4	2	8	
45	9	5	4	2	1	8	7	6	3	16
	2	3	8	7	6	4	1	5	9	
38	8	4	3	1	5	6	2	9	7	33
	1	2	7	8	9	3	5	4	6	
33	6	9	5	4	7	2	3	8	1	1
	33	27	39	10	1					

Standard Sudoku

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.

1 point



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

1 point



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

1 point



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

1 point



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

Standard Sudoku

4 points

Place a digit from 1 to 8 in each empty cell so that each digit appears exactly once in each row, column and 2X4 box.

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

Standard Sudoku

11 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

					I				
7	5	8	6	3	4	1	9	2	
H	6	4	1	2	7	9	8	5	3
9	3	2	5	1	8	4	7	6	
1	6	4	7	2	3	5	8	9	
3	8	9	4	5	6	2	1	7	
2	7	5	8	9	1	6	3	4	
5	1	7	3	4	2	9	6	8	
8	2	3	9	6	5	7	4	1	
4	9	6	1	8	7	3	2	5	

Standard Sudoku

6 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

K

3	6	7	4	8	2	9	5	1
5	4	2	9	1	7	3	6	8
8	9	1	6	5	3	7	4	2
6	7	3	1	2	4	8	9	5
2	1	8	5	3	9	6	7	4
4	5	9	7	6	8	1	2	3
9	2	6	8	4	1	5	3	7
7	8	4	3	9	5	2	1	6
1	3	5	2	7	6	4	8	9

J

Standard Sudoku

7 points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

M

2	8	6	1	5	4	9	3	7
5	1	4	7	3	9	6	2	8
7	9	3	8	6	2	4	5	1
4	6	7	2	8	3	1	9	5
3	2	8	5	9	1	7	4	6
9	5	1	4	7	6	3	8	2
8	7	9	3	1	5	2	6	4
1	3	2	6	4	8	5	7	9
6	4	5	9	2	7	8	1	3

L

Overlapping Sudoku

3 points
16 points

Apply standard
Sudoku rules to
each of the grids.

Two grids are
overlapping.

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

1	5	3	9	7	4	8	6	2			
4	8	2	1	6	3	5	7	9			
7	9	6	2	5	8	3	4	1			
5	6	4	7	3	2	1	9	8	4	6	5
2	7	9	8	4	1	6	5	3	7	9	2
8	3	1	6	9	5	7	2	4	8	3	1
6	4	7	3	8	9	2	1	5	6	4	7
3	1	5	4	2	6	9	8	7	1	5	3
9	2	8	5	1	7	4	3	6	2	8	9
1	5	3	8	4	2	9	7	6			
2	6	4	3	7	9	5	1	8			
9	7	8	5	6	1	3	2	4			

Linked Sudoku

5 points

Apply standard
Sudoku rules to
each of the grids.

Two grids are linked
to each other. The
shaded cells must
contain same digit
in both the grids.

A

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

B

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

Linked Sudoku

16 points

Apply standard Sudoku rules to each of the grids.

Two grids are linked to each other. The shaded cells must contain same digit in both the grids.

C

3	9	2	1	5	4	6	7	8
8	4	6	2	7	9	5	1	3
7	5	1	3	6	8	4	9	2
4	1	8	9	2	6	3	5	7
9	7	3	5	4	1	8	2	6
2	6	5	8	3	7	9	4	1
6	2	4	7	8	5	1	3	9
1	8	7	4	9	3	2	6	5
5	3	9	6	1	2	7	8	4

E

7	9	3	8	5	1	2	4	6
1	4	6	2	7	9	8	3	5
5	8	2	3	6	4	7	1	9
4	1	8	9	2	6	3	5	7
6	7	9	1	3	5	4	2	8
2	3	5	7	4	8	9	6	1
3	5	7	6	8	2	1	9	4
8	6	1	4	9	3	5	7	2
9	2	4	5	1	7	6	8	3

D

Disjoint Sudoku

1 point

Apply standard Sudoku rules.

Additionally, no digit can appear in the same position in different 2X3 boxes.

A

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

Disjoint Sudoku

9 points

Apply standard Sudoku rules.

Additionally, no digit can appear in the same position in different 3X3 boxes.

C

B

1	2	5	6	3	8	9	7	4
4	8	3	7	9	5	6	2	1
6	9	7	4	2	1	5	8	3
2	5	1	3	8	7	4	9	6
9	7	8	1	6	4	3	5	2
3	6	4	9	5	2	7	1	8
7	1	2	5	4	3	8	6	9
5	4	6	8	1	9	2	3	7
8	3	9	2	7	6	1	4	5

Mirror Sudoku

1 point

Apply standard Sudoku rules.

The four corner boxes (top left, top right, bottom left, bottom right) all contain the same digit in symmetrical positions with respect to the center of the grid.

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

Mirror Sudoku

7 points

Apply standard Sudoku rules.

The four corner boxes (top left, top right, bottom left, bottom right) all contain the same digit in symmetrical positions with respect to the center of the grid.

3	8	4	7	1	2	5	9	6
9	2	7	5	6	4	8	3	1
5	6	1	8	9	3	2	7	4
8	4	6	1	3	7	9	5	2
2	5	9	6	4	8	3	1	7
7	1	3	9	2	5	6	4	8
4	7	2	3	8	9	1	6	5
1	3	8	4	5	6	7	2	9
6	9	5	2	7	1	4	8	3

Twin Givens Sudoku

2 points

Place digits from 1-4 in each row, column and 2x3 outlined box.

Two cells will remain empty as these are twins and of the same value. No two twins can touch each other in orthogonal directions.

Enter X for blank cells, while entering the answer key.

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

Twin Givens Sudoku

8 points

Place digits from 1-7 in each row, column and 3x3 outlined box.

Two cells will remain empty as these are twins and of the same value. No two twins can touch each other in orthogonal directions.

Enter X for blank cells, while entering the answer key.

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

Standard 6x6
(Rakesh)

			B		
A					

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

Standard 6x6
(Rakesh)

			D		
C					

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

Standard 6x6
(Harmeet)

			F		
E					

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

Standard 6x6
(Harmeet)

					H
G					

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

Standard 8x8
(Rakesh)

							J
I							

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

Standard 9x9
(Rakesh)

								L
K								

1	5	4	7	8	3	2	6	9
7	2	9	4	5	6	3	8	1
6	8	3	9	1	2	4	7	5
5	7	8	2	3	1	6	9	4
4	1	2	5	6	9	8	3	7
3	9	6	8	7	4	1	5	2
2	4	7	6	9	8	5	1	3
8	3	5	1	4	7	9	2	6
9	6	1	3	2	5	7	4	8

Standard 9x9
(Harmeet)

N

3	8	9	4	7	6	5	1	2	
5	4	6	2	1	3	7	9	8	
7	1	2	8	5	9	6	3	4	
8	3	1	9	2	7	4	6	5	
6	5	7	3	8	4	1	2	9	
2	9	4	1	6	5	8	7	3	
M	9	7	8	6	4	2	3	5	1
4	6	3	5	9	1	2	8	7	
1	2	5	7	3	8	9	4	6	

Standard 9x9
(Rakesh)

P

6	9	8	7	4	5	1	3	2	
1	5	7	8	3	2	6	9	4	
2	3	4	9	6	1	8	5	7	
3	6	5	1	7	4	9	2	8	
4	7	1	2	8	9	5	6	3	
8	2	9	3	5	6	4	7	1	
O	9	4	3	6	1	7	2	8	5
7	1	6	5	2	8	3	4	9	
5	8	2	4	9	3	7	1	6	

Consecutive 6x6
(Harmeet)

B

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

Kropki 6x6
(Harmeet)

E

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

Consecutive 9x9
(Harmeet)

D

1	3	7	9	8	5	4	2	6	
2	5	4	1	3	6	8	9	7	
6	9	8	7	2	4	1	5	3	
C	4	2	9	6	1	3	7	8	5
7	1	5	2	9	8	3	6	4	
8	6	3	4	5	7	2	1	9	
3	8	6	5	4	1	9	7	2	
5	4	2	8	7	9	6	3	1	
9	7	1	3	6	2	5	4	8	

Kropki 9x9
(Rakesh)

G

1	2	4	3	6	7	8	5	9	
8	3	7	5	9	4	6	2	1	
6	5	9	2	8	1	4	7	3	
H	5	7	6	8	1	9	2	3	4
4	9	1	6	3	2	7	8	5	
3	8	2	7	4	5	9	1	6	
2	1	8	9	5	6	3	4	7	
9	4	3	1	7	8	5	6	2	
7	6	5	4	2	3	1	9	8	

X Sum Frame
(Harmeet)

	X			X		
I	4	5	6	1	3	2
	1	2	3	5	4	6
	6	4	5	3	2	1
	3	1	2	4	6	5
	5	6	4	2	1	3
	2	3	1	6	5	4
	X			X		

QuadMax 4Even4Odd
(Harmeet)

		M			N	
	4	6	1	3	5	2
	3	5	2	4	6	1
	1	3	5	2	4	6
	6	2	4	5	1	3
	2	4	6	1	3	5
	5	1	3	6	2	4

X Sum Frame
(Harmeet)

	X		X						
	2	7	4	1	6	8	9	3	5
	9	1	8	5	3	2	6	4	7
	6	3	5	7	9	4	8	2	1
	7	2	3	4	5	6	1	8	9
K	8	9	6	2	7	1	3	5	4
	5	4	1	3	8	9	7	6	2
X	4	6	7	8	1	5	2	9	3
	1	8	2	9	4	3	5	7	6
X	3	5	9	6	2	7	4	1	8
							X	X	

QuadMax 4Even4Odd
(Harmeet)

									P
	2	6	9	8	4	5	7	1	3
	8	5	4	3	7	1	6	9	2
	1	3	7	9	6	2	4	8	5
	7	2	1	5	9	4	8	3	6
O	3	8	5	7	1	6	2	4	9
	4	9	6	2	8	3	1	5	7
	9	1	2	4	3	7	5	6	8
	5	4	3	6	2	8	9	7	1
	6	7	8	1	5	9	3	2	4

Average
(Harmeet)

					R	
	4	1	5	2	6	3
	3	2	6	4	1	5
	1	3	4	5	2	6
	5	6	2	3	4	1
	6	4	3	1	5	2
Q	2	5	1	6	3	4

Average
(Harmeet)

									T
	1	2	7	3	6	9	8	5	4
	6	5	4	2	8	1	9	3	7
	9	8	3	4	5	7	6	1	2
	5	4	2	7	3	6	1	9	8
	8	7	9	5	1	2	3	4	6
	3	1	6	9	4	8	7	2	5
S	2	9	1	8	7	5	4	6	3
	4	6	8	1	2	3	5	7	9
	7	3	5	6	9	4	2	8	1

Standard Sudoku

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and 2X3 box.

x point

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

A

x point

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

B

x point

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

C

x point

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

D

Standard Sudoku

x points

Place a digit from 1 to 8 in each empty cell so that each digit appears exactly once in each row, column and 2X4 box.

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

Standard Sudoku - 1

x points

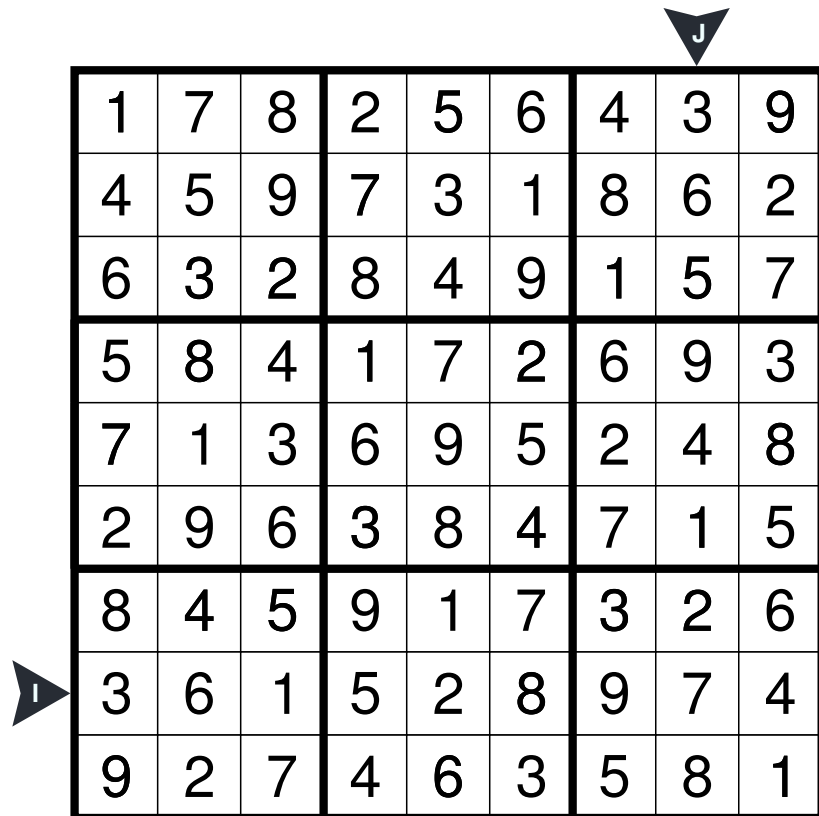
Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

5	4	8	2	1	7	6	9	3
9	1	3	4	5	6	7	8	2
7	2	6	3	8	9	1	5	4
G	2	9	1	5	7	4	3	6
6	8	4	1	9	3	5	2	7
3	7	5	8	6	2	9	4	1
H	1	6	7	9	4	8	2	3
4	3	9	7	2	5	8	1	6
8	5	2	6	3	1	4	7	9

Standard Sudoku - 2

x points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.

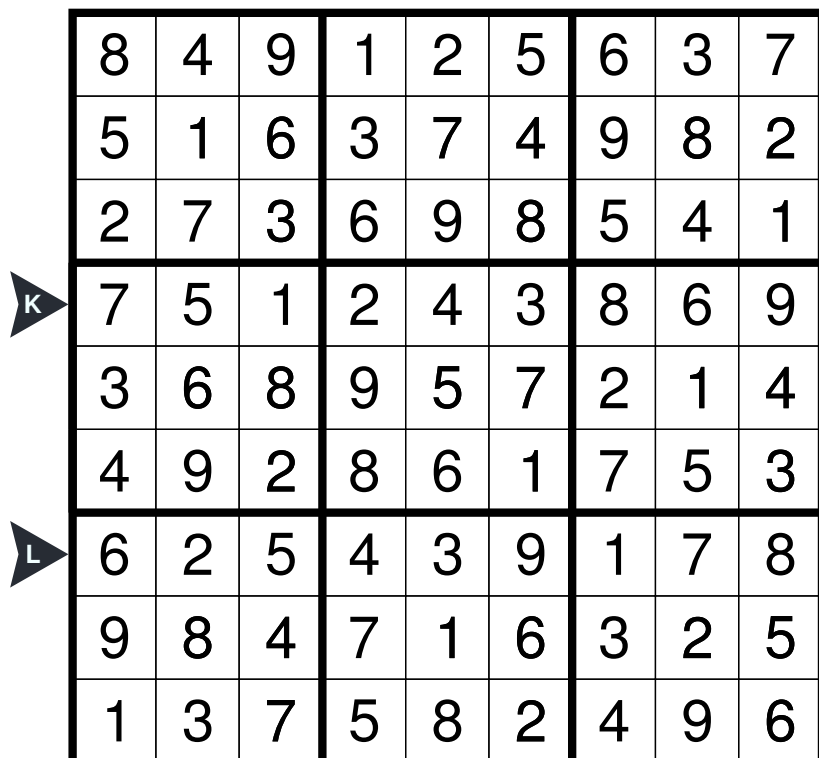


1	7	8	2	5	6	4	3	9
4	5	9	7	3	1	8	6	2
6	3	2	8	4	9	1	5	7
5	8	4	1	7	2	6	9	3
7	1	3	6	9	5	2	4	8
2	9	6	3	8	4	7	1	5
8	4	5	9	1	7	3	2	6
3	6	1	5	2	8	9	7	4
9	2	7	4	6	3	5	8	1

Standard Sudoku - 3

x points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and 3X3 box.



8	4	9	1	2	5	6	3	7
5	1	6	3	7	4	9	8	2
2	7	3	6	9	8	5	4	1
7	5	1	2	4	3	8	6	9
3	6	8	9	5	7	2	1	4
4	9	2	8	6	1	7	5	3
6	2	5	4	3	9	1	7	8
9	8	4	7	1	6	3	2	5
1	3	7	5	8	2	4	9	6

Irregular Sudoku

x points

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and outlined region. Each outlined region is marked by thick borders.

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

Irregular Sudoku

x points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and outlined region. Each outlined region is marked by thick borders.

6	7	8	9	5	3	4	1	2
2	3	4	1	8	6	7	5	9
3	5	7	6	1	8	2	9	4
4	2	9	8	3	7	1	6	5
1	4	2	5	6	9	8	3	7
8	1	6	7	2	5	9	4	3
5	9	3	4	7	2	6	8	1
9	6	5	2	4	1	3	7	8
7	8	1	3	9	4	5	2	6

Toroidal Sudoku

x points

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column and outlined region. Some of the outlined regions wrap between the top and bottom edges, and/or the left and right edges of the grid.

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



Toroidal Sudoku

x points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column and outlined region. Some of the outlined regions wrap between the top and bottom edges, and/or the left and right edges of the grid.

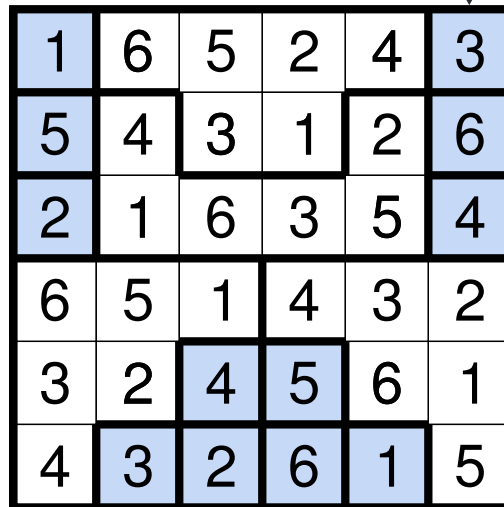
1	3	2	6	5	7	8	9	4
4	7	5	9	8	1	2	3	6
5	4	6	3	2	8	9	7	1
9	6	8	7	1	3	4	5	2
8	2	1	5	6	9	7	4	3
3	9	7	8	4	2	1	6	5
6	8	9	2	3	4	5	1	7
2	1	3	4	7	5	6	8	9
7	5	4	1	9	6	3	2	8



Scattered Sudoku

x points

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row, column, outlined region. Grey cells are not part of any regions.



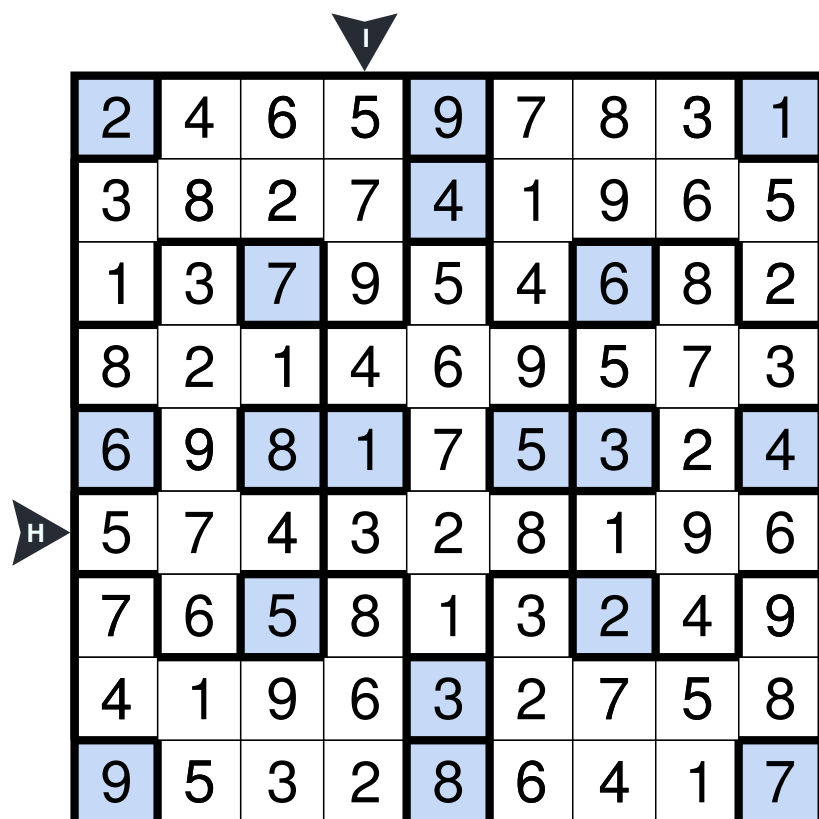
A 6x6 grid with a 2x3 outlined region at the top. The grid contains the following numbers:

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

Scattered Sudoku

x points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row, column, outlined region. Grey cells are not part of any regions.



A 9x9 grid with a 3x3 outlined region at the top. The grid contains the following numbers:

2	4	6	5	9	7	8	3	1
3	8	2	7	4	1	9	6	5
1	3	7	9	5	4	6	8	2
8	2	1	4	6	9	5	7	3
6	9	8	1	7	5	3	2	4
5	7	4	3	2	8	1	9	6
7	6	5	8	1	3	2	4	9
4	1	9	6	3	2	7	5	8
9	5	3	2	8	6	4	1	7

Deficit Sudoku

x points

Place a digit from 1 to 6 in each empty cell so that each digit appears exactly once in each row and column. Digits should not repeat in the outlined regions.

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

Deficit Sudoku

x points

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in each row and column. Digits should not repeat in the outlined regions.

9	7	5	6	4	3	2	8	1
4	8	2	1	7	6	9	5	3
8	9	1	3	5	7	6	2	4
3	1	4	2	6	8	5	9	7
2	4	6	8	1	9	7	3	5
6	5	9	7	3	2	4	1	8
7	2	3	9	8	5	1	4	6
1	3	7	5	2	4	8	6	9
5	6	8	4	9	1	3	7	2

Solved
Example
1-4

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

Instructionless
1-6

x points

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

Instructionless 1-9

x points

1	2	7	9	5	4	3	6	8	1	2
3	4	8	6	7	1	2	5	9	3	4
5	6	9	4	3	2	8	1	7	5	6
7	8	5	3	2	6	1	9	4	8	7
6	9	2	1	4	7	5	8	3	6	9
2	1	4	5	8	3	9	7	6	2	1
9	5	3	7	1	8	6	4	2	9	5
4	3	1	8	6	9	7	2	5	4	3
8	7	6	2	9	5	4	3	1	7	8