

**Instructions Booklet**  
**U10, U12, U15, U18**  
**Version 1**  
**Individual Rounds only**



**ASIAN**  
**SUDOKU**  
**CHAMPIONSHIP**  
**2025 ♦ CHENNAI**

**Event by Logic Masters India**



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**TBA**

**Notes:**

- This is a preliminary version of the Instructions, giving an idea of the Sudoku types and variants that will appear in the ASC rounds.
- The Sudoku types are presented together for all age categories, while the index pages show the specific types that will be used for each age category in each round. The types will be ordered by round, so all variants from Round 2 across age categories are displayed before reaching round 3.
- Each participant needs to focus on the category they belong to and note the Sudoku variants and round composition for it accordingly.
- The points distribution, exact duration of rounds and details about team rounds will be released in a later version of this booklet.
- The rules on the links are only meant to serve as reminders, always refer to the document for the most precise and robust versions.
- Please use the ASC 2025 forum for all queries:  
<https://logicmastersindia.com/forum/forums/forum-view.asp?fid=65>

<b>Under 10</b>				
<b>Round 1 Classics</b>	<b>Round 2 Odd Even</b>	<b>Round 3 Neighbours</b>	<b>Round 4 Math</b>	<b>Round 5 Almost Classic</b>
Classic 6x6	Classic 6x6	Classic 6x6	Classic 6x6	Classic 6x6
Classic 6x6	Classic 6x6	Classic 6x6	Classic 6x6	Classic 6x6
Classic 6x6	Odd 6x6	Palindrome 6x6	Arrow 6x6	Irregular 6x6
Classic 6x6	Odd 6x6	Palindrome 6x6	Arrow 6x6	Irregular 6x6
Classic 6x6	Even 6x6	Renban 6x6	Arrow 6x6	Extra Regions 6x6
Classic 6x6	Even 6x6	Renban 6x6	Killer 6x6	Extra Regions 6x6
Overlapping 6x6	Odd Even 6x6	Inequality 6x6	Killer 6x6	Untouch 6x6
Linked 6x6	Odd Even 6x6	Inequality 6x6	Killer 6x6	Untouch 6x6

<b>Under 12</b>				
<b>Round 1 Classics</b>	<b>Round 2 Odd Even</b>	<b>Round 3 Neighbours</b>	<b>Round 4 Math</b>	<b>Round 5 Almost Classic</b>
Classic 6x6	Classic 6x6	Classic 6x6	Classic 6x6	Irregular 6x6
Classic 6x6	Classic 9x9	Classic 9x9	Classic 9x9	Irregular 6x6
Classic 6x6	Odd 6x6	Palindrome 6x6	Arrow 6x6	Extra Regions 6x6
Classic 6x6	Odd 9x9	Palindrome 9x9	Arrow 9x9	Extra Regions 9x9
Classic 9x9	Even 6x6	Renban 6x6	Killer 6x6	Untouch 6x6
Classic 9x9	Even 9x9	Renban 9x9	Killer 9x9	Untouch 9x9
Overlapping 6x6	Odd Even 6x6	Thermo 6x6	Frame 6x6	AntiKnight 6x6
Linked 6x6	Odd Even 6x6	Thermo 6x6	Frame 6x6	AntiKnight 6x6

<b>Under 15</b>				
<b>Round 1 Classics</b>	<b>Round 2 Odd Even</b>	<b>Round 3 Neighbours</b>	<b>Round 4 Math</b>	<b>Round 5 Almost Classic</b>
<b>Classic 6x6</b>	<b>Classic 9x9</b>	<b>Classic 9x9</b>	<b>Classic 9x9</b>	<b>Irregular 6x6</b>
<b>Classic 6x6</b>	<b>Classic 9x9</b>	<b>Classic 9x9</b>	<b>Classic 9x9</b>	<b>Irregular 9x9</b>
<b>Classic 6x6</b>	<b>Odd 6x6</b>	<b>Palindrome 6x6</b>	<b>Arrow 6x6</b>	<b>Extra Regions 6x6</b>
<b>Classic 9x9</b>	<b>Odd 9x9</b>	<b>Palindrome 9x9</b>	<b>Arrow 9x9</b>	<b>Extra Regions 9x9</b>
<b>Classic 9x9</b>	<b>Odd-Sum Pairs 6x6</b>	<b>Renban 6x6</b>	<b>Killer 6x6</b>	<b>Untouch 6x6</b>
<b>Classic 9x9</b>	<b>Odd-Sum Pairs 9x9</b>	<b>Renban 9x9</b>	<b>Killer 9x9</b>	<b>Untouch 9x9</b>
<b>Overlapping 6x6</b>	<b>Odd Even 6x6</b>	<b>Thermo 6x6</b>	<b>Frame 6x6</b>	<b>AntiKnight 6x6</b>
<b>Linked 6x6</b>	<b>Odd Even 9x9</b>	<b>Thermo 9x9</b>	<b>Frame 9x9</b>	<b>AntiKnight 9x9</b>

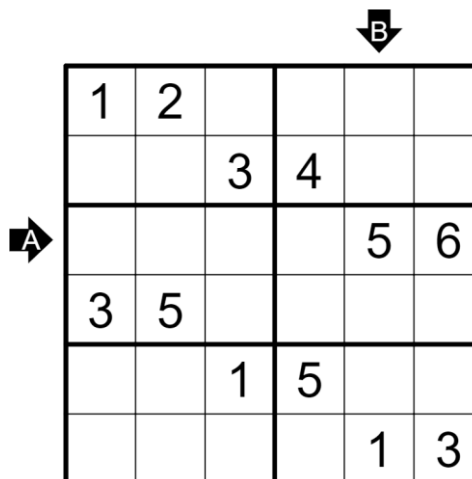
<b>Under 18</b>				
<b>Round 1 Classics</b>	<b>Round 2 Odd Even</b>	<b>Round 3 Neighbours</b>	<b>Round 4 Math</b>	<b>Round 5 Almost Classic</b>
<b>Classic 6x6</b>	<b>Odd Even 9x9</b>	<b>Palindrome 9x9</b>	<b>Arrow 9x9</b>	<b>Sudokurve 6x6</b>
<b>Classic 6x6</b>	<b>Odd Even 9x9</b>	<b>Palindrome 9x9</b>	<b>Arrow 9x9</b>	<b>Sudokurve 9x9</b>
<b>Classic 9x9</b>	<b>Odd-Sum Pairs 9x9</b>	<b>Renban 6x6</b>	<b>Killer 6x6</b>	<b>Irregular 6x6</b>
<b>Classic 9x9</b>	<b>Odd-Sum Pairs 9x9</b>	<b>Renban 9x9</b>	<b>Killer 9x9</b>	<b>Irregular 9x9</b>
<b>Classic 9x9</b>	<b>OE Count 6x6</b>	<b>Thermo 6x6</b>	<b>Frame 6x6</b>	<b>Extra Regions 9x9</b>
<b>Classic 9x9</b>	<b>OE Count 9x9</b>	<b>Thermo 9x9</b>	<b>Frame 9x9</b>	<b>Extra Regions 9x9</b>
<b>Overlapping 6x6</b>	<b>Outside Parity 6x6</b>	<b>Quadruple 6x6</b>	<b>Product 6x6</b>	<b>Untouch 9x9</b>
<b>Linked 6x6</b>	<b>Outside Parity 9x9</b>	<b>Quadruple 9x9</b>	<b>Product 9x9</b>	<b>AntiKnight 9x9</b>

## Classic Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Penpa for example:

<https://tinyurl.com/2nvezsrr>



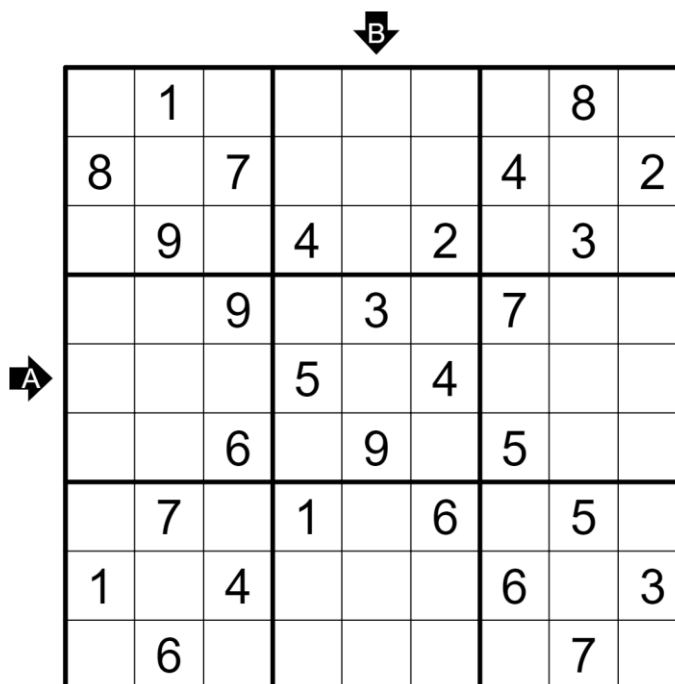
1	2				
		3	4		
				5	6
3	5				
		1	5		
				1	3

## Classic Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Penpa for example:

<https://tinyurl.com/333ntt48>



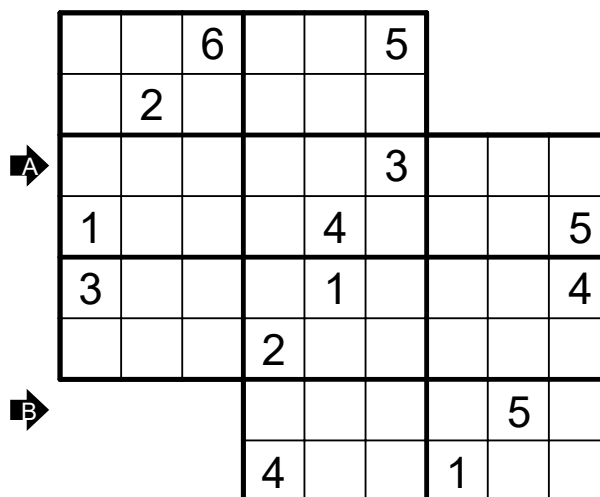
	1						8	
8		7				4		2
	9		4		2		3	
		9		3		7		
			5		4			
		6		9		5		
	7		1		6		5	
1		4				6		3
	6						7	

## Overlapping Sudoku 6x6

Two 6x6 Sudokus are overlapping. Separately, they each follow Classic Sudoku rules: 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.

Penpa for example:

<https://tinyurl.com/27gskccd>



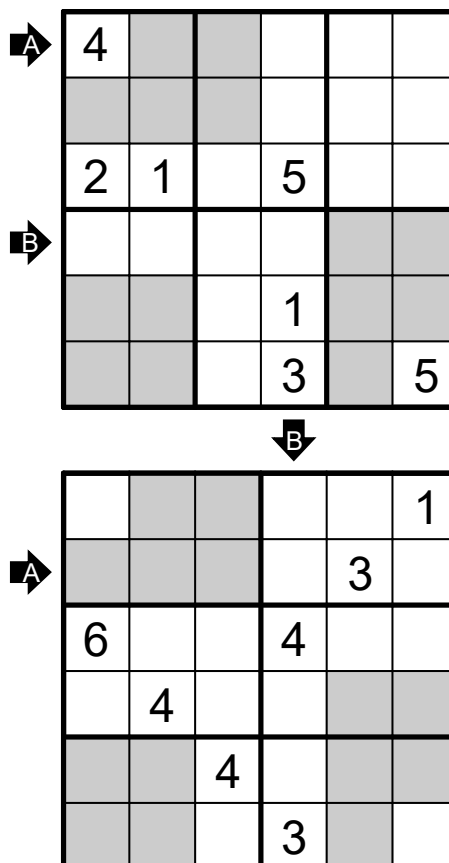
## Linked Sudoku 6x6

Apply classic Sudoku rules to each of the grids, i.e. Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

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

Penpa for example:

<https://tinyurl.com/2cgtzy6q>



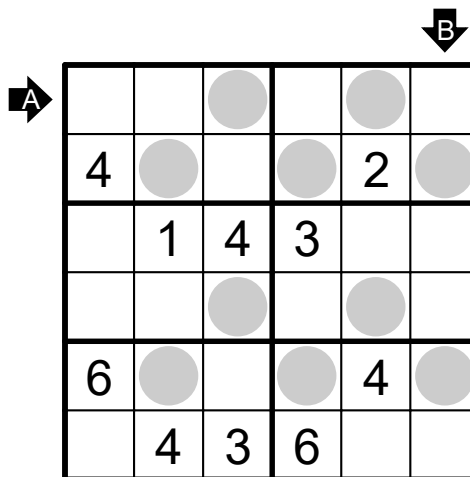
## Odd Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Cells with shaded circles contain odd digits.

Penpa for example:

<https://tinyurl.com/2aaabdpt>



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

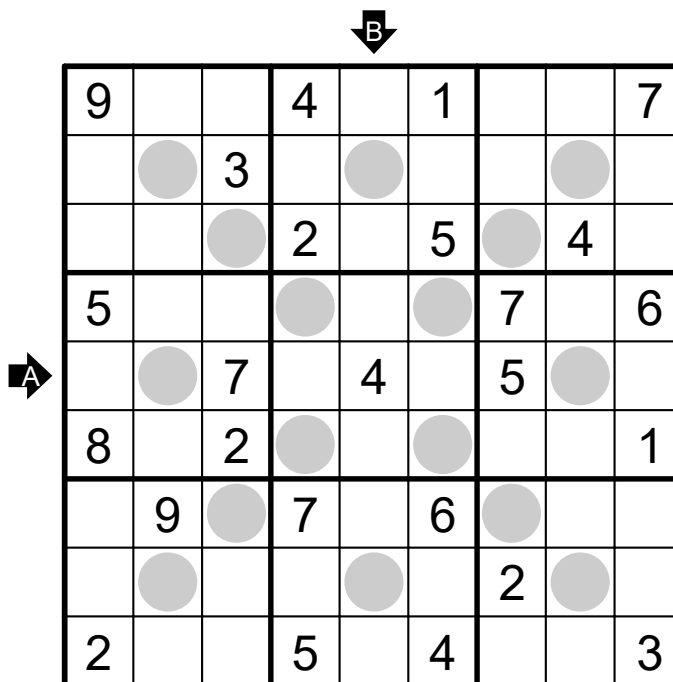
## Odd Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Cells with shaded circles contain odd digits.

Penpa for example:

<https://tinyurl.com/2cy7xmmc>



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

## Even Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Cells with shaded squares contain even digits.

Penpa for example:

<https://tinyurl.com/2ccacuu2>

➡

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

➡

## Even Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Cells with shaded squares contain even digits.

Penpa for example:

<https://tinyurl.com/248hcmmn>

⬇

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

➡

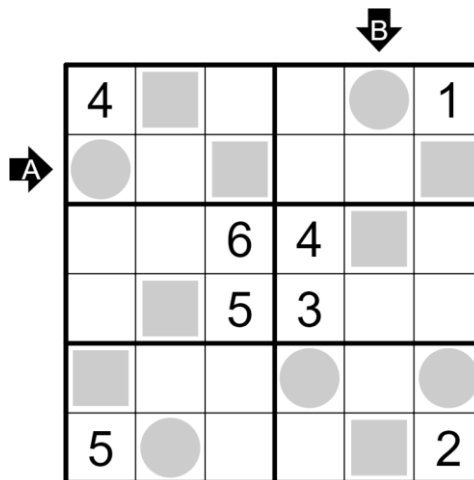
## Odd Even Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Cells with shaded squares contain even digits. Cells with shaded circles contain odd digits.

Penpa for example:

<https://tinyurl.com/y9lkr7qx>



A 6x6 grid with 2x3 outlined boxes. Shaded squares indicate even digits, and shaded circles indicate odd digits. Arrows A and B point to the first row and first column respectively.

4					1
		6	4		
		5	3		
5					2

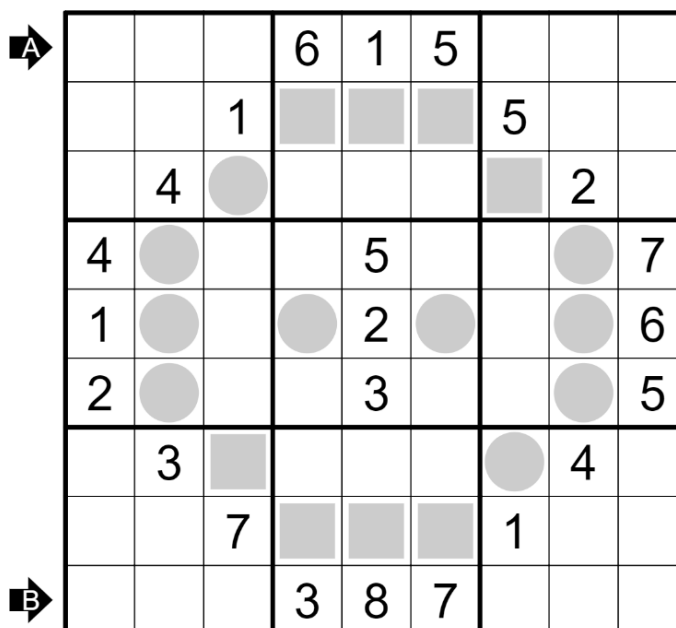
## Odd Even Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Cells with shaded squares contain even digits. Cells with shaded circles contain odd digits.

Penpa for example:

<https://tinyurl.com/ycdl98wf>



A 9x9 grid with 3x3 outlined boxes. Shaded squares indicate even digits, and shaded circles indicate odd digits. Arrows A and B point to the first row and first column respectively.

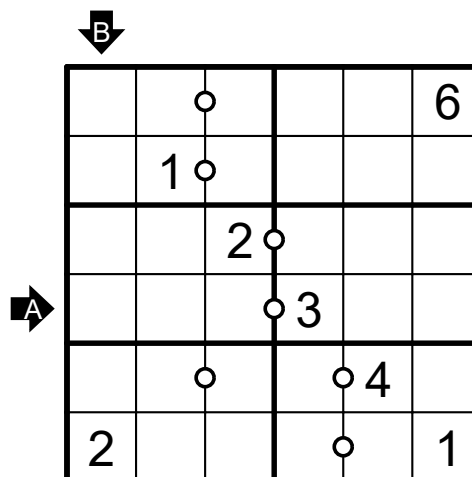
			6	1	5			
		1				5		
	4						2	
4				5				7
1				2				6
2				3				5
	3						4	
		7				1		
			3	8	7			



## Odd-Sum Pairs Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Adjacent cells marked by a circle contain digits whose sum is odd. Not all possible circles are marked.



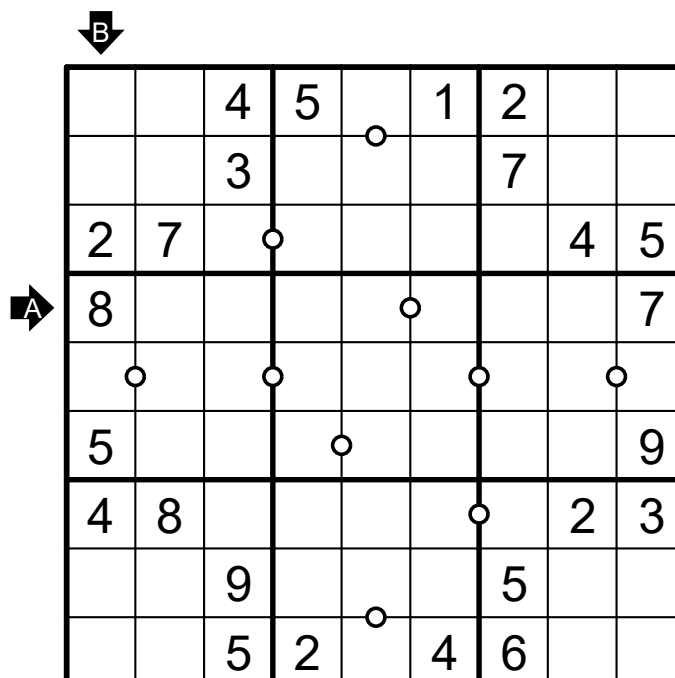
Penpa for example:

<https://tinyurl.com/2xuzoojp>

## Odd-Sum Pairs Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Adjacent cells marked by a circle contain digits whose sum is odd. Not all possible circles are marked.



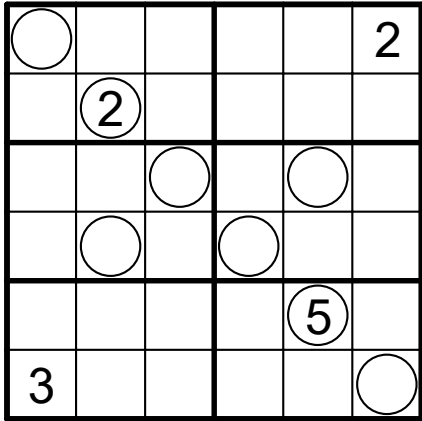
Penpa for example:

<https://tinyurl.com/2xrlcanf>

## Odd Even Count Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

If a circled cell has an odd digit, it indicates the number of odd digits in the 8 surrounding cells. If a circled cell has an even digit, it indicates the number of even digits in the 8 surrounding cells.



A 6x6 grid with 2x3 boxes. Clues: (1,6)=2, (2,2)=2, (4,5)=5, (6,1)=3. Circled cells: (1,1), (2,3), (3,4), (3,5), (5,6). Arrows: 'A' points to (3,2), 'B' points to (1,3).

○					2
	2				
		○		○	
	○		○		
				5	
3					○

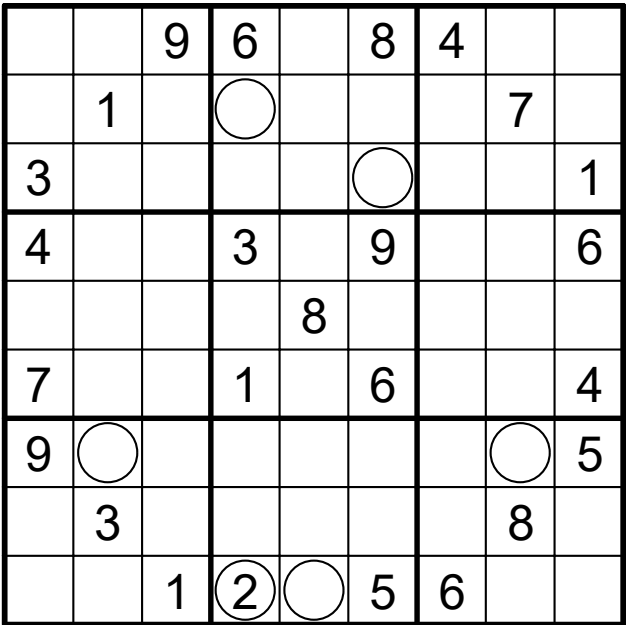
Penpa for example:

<https://tinyurl.com/2j9ehhg6>

## Odd Even Count Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

If a circled cell has an odd digit, it indicates the number of odd digits in the 8 surrounding cells. If a circled cell has an even digit, it indicates the number of even digits in the 8 surrounding cells.



A 9x9 grid with 3x3 boxes. Clues: (1,3)=9, (1,4)=6, (1,5)=8, (1,6)=4, (2,2)=1, (2,7)=7, (3,1)=3, (3,8)=1, (4,1)=4, (4,3)=3, (4,5)=9, (4,9)=6, (5,4)=8, (6,1)=7, (6,3)=1, (6,5)=6, (6,9)=4, (7,1)=9, (7,2)=○, (7,8)=○, (7,9)=5, (8,2)=3, (8,8)=8, (9,3)=1, (9,4)=2, (9,5)=○, (9,6)=5, (9,7)=6. Arrows: 'A' points to (5,2), 'B' points to (1,4).

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

Penpa for example:

<https://tinyurl.com/2gb9o4hh>

## Outside Parity Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Each number 'N' outside the grid indicates that the first N digits from the corresponding direction have the same parity (all odd or all even) and the N+1th digit has the opposite parity.


Above grid: 2 2 **B** 2  
 Left of grid: 1 1 **A** 1 1  
 Right of grid: 2 1 1  
 Below grid: 1 1 2

Penpa for example:

<https://tinyurl.com/yd2te9ya>

## Outside Parity Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Each number 'N' outside the grid indicates that the first N digits from the corresponding direction have the same parity (all odd or all even) and the N+1th digit has the opposite parity.


Above grid: 2 2 1 5 1 1 2  
 Left of grid: **A** 5 2 4 5 3 1 4 3  
 Right of grid: 4 1 5 4 3 1 3 4 2  
 Below grid: 2 1 1 4 1 2 2

Penpa for example:

<https://tinyurl.com/ycbqtntre>

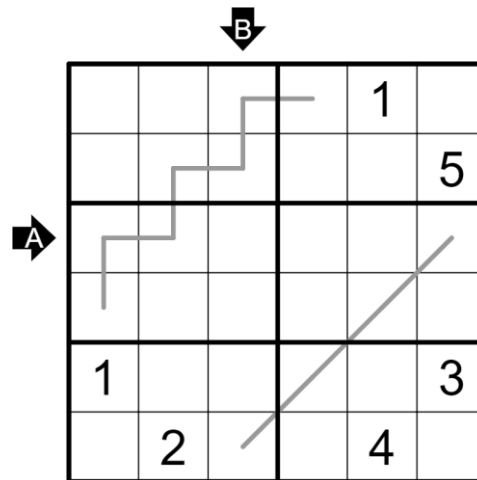
## Palindrome Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Digits along each line are a palindrome, they read the same from both directions.

Penpa for example:

<https://tinyurl.com/mry64cbc>



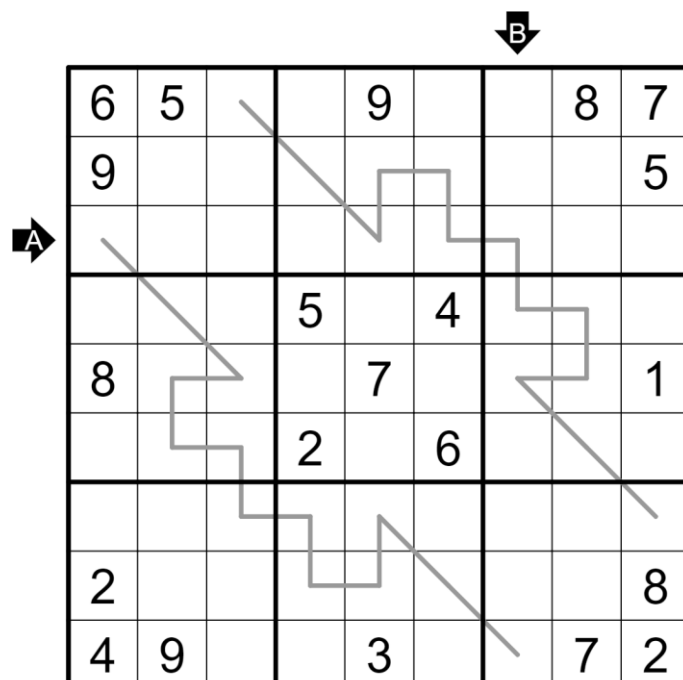
## Palindrome Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Digits along each line are a palindrome, they read the same from both directions.

Penpa for example:

<https://tinyurl.com/5n74bry7>



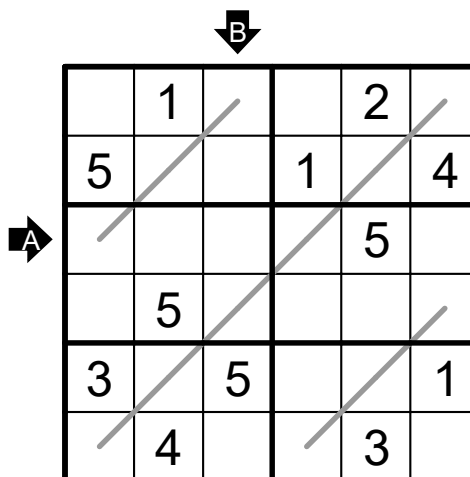
## Renban Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Each marked line contains a set of consecutive digits, in any order. Digits do not repeat within a line.

Penpa for example:

<https://tinyurl.com/23688rq4>



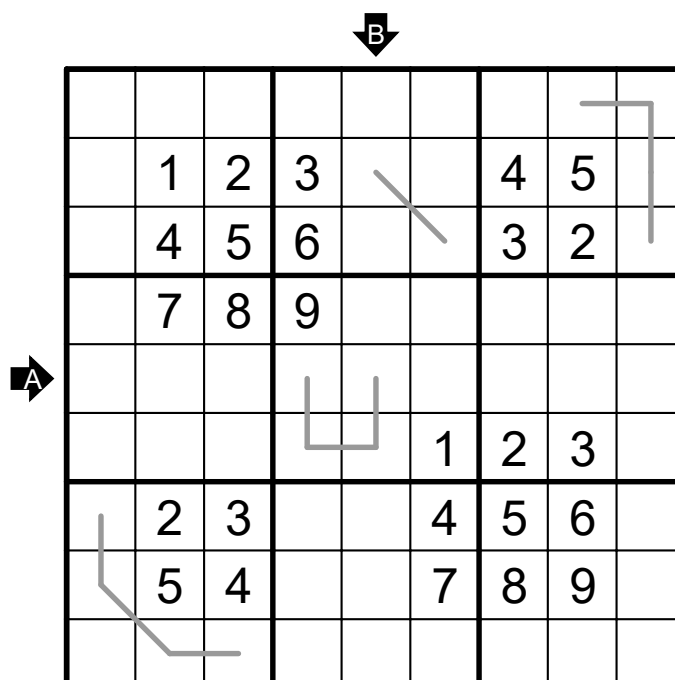
## Renban Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Each marked line contains a set of consecutive digits, in any order. Digits do not repeat within a line.

Penpa for example:

<https://tinyurl.com/2a7tcq2z>



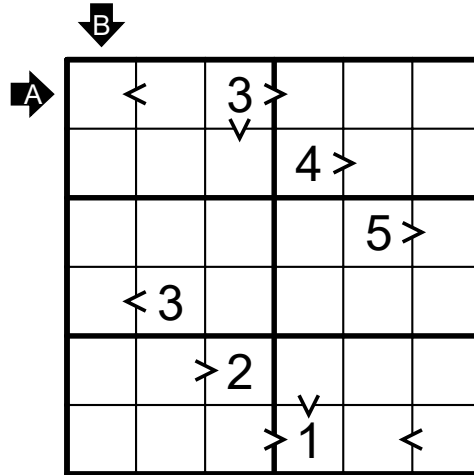
## Inequality Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Each inequality sign ('<' or '>') between adjacent cells indicates the larger of the two digits is on the open side of the sign.

Penpa for example:

<https://tinyurl.com/24fsv2m6>



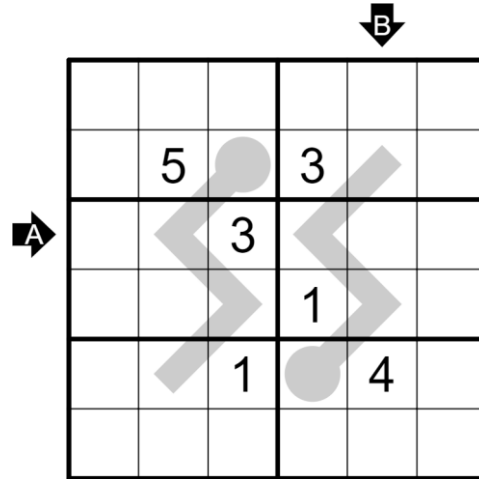
## Thermo Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Digits along each thermometer are strictly increasing from its bulb to each of its ends.

Penpa for example:

<https://tinyurl.com/yajncdnz>



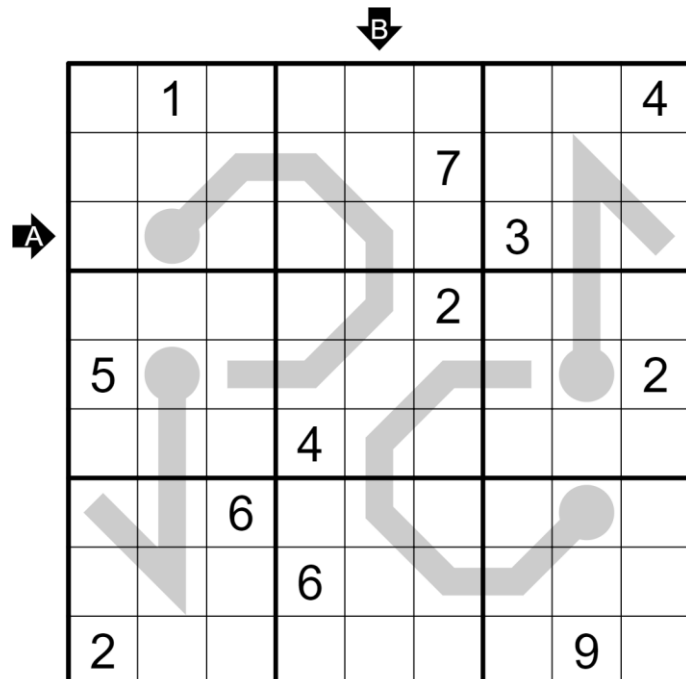
## Thermo Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Digits along each thermometer are strictly increasing from its bulb to each of its ends.

Penpa for example:

<https://tinyurl.com/y78bk4bp>



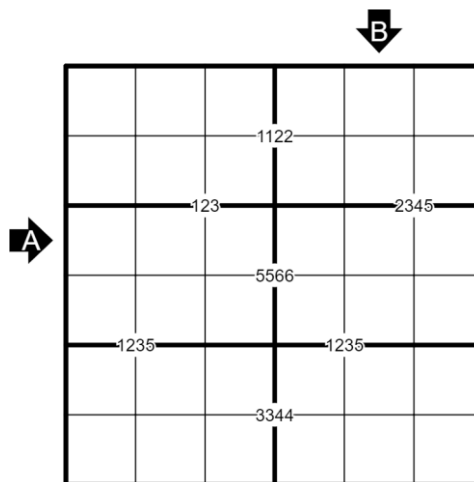
## Quadruple Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

The digits at the intersection of four cells must be present in those four cells at least as many times as it appears in the intersections.

Penpa for example:

<https://tinyurl.com/y84uz7d6>



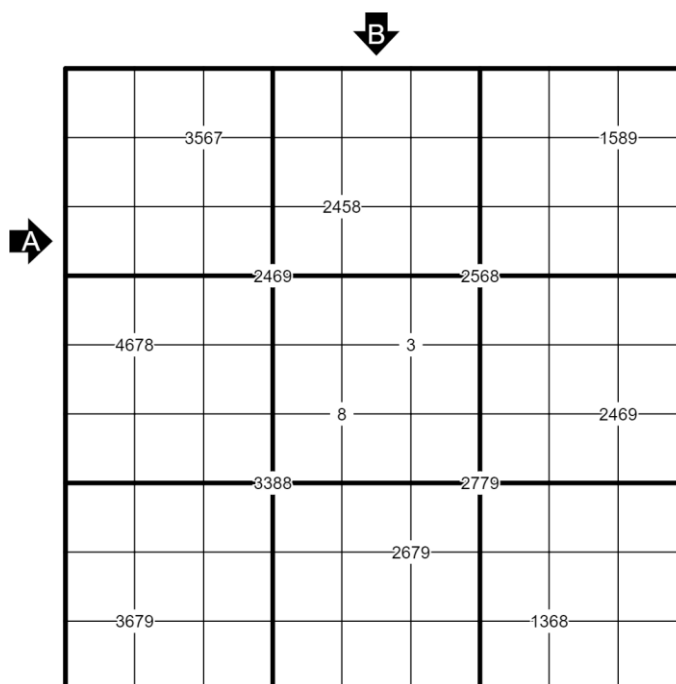
## Quadruple Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

The digits at the intersection of four cells must be present in those four cells at least as many times as it appears in the intersections.

Penpa for example:

<https://tinyurl.com/y7fq7yp5>

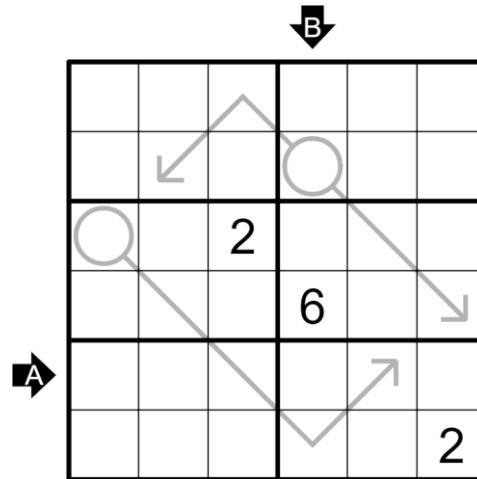




## Arrow Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

The digit in each circled cell is the sum of digits along the path of its arrow. Digits can repeat within an arrow shape.



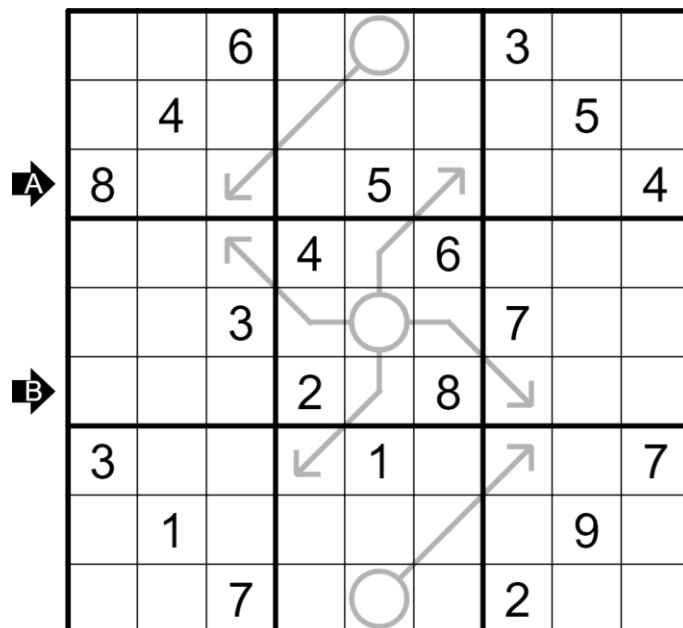
Penpa for example:

<https://tinyurl.com/y5I92sdg>

## Arrow Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

The digit in each circled cell is the sum of digits along the path of its arrow. Digits can repeat within an arrow shape.



Penpa for example:

<https://tinyurl.com/yxdcafa2>

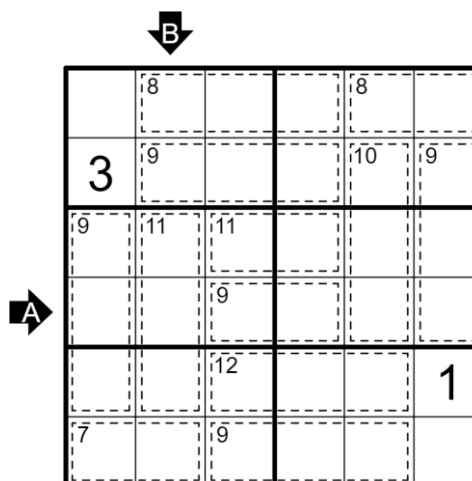
## Killer Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

The number at the top-left corner of each cage is the sum of digits inside the cage. Digits do not repeat within a cage.

Penpa for example:

<https://tinyurl.com/yxld64vj>



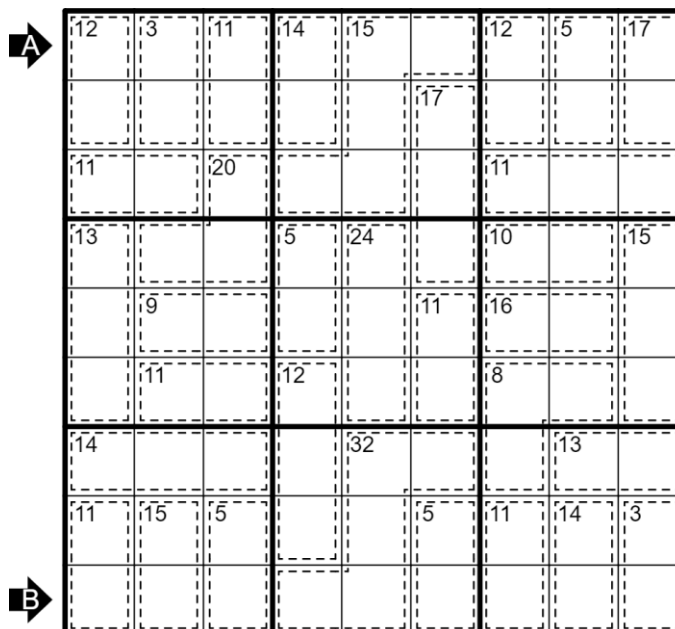
## Killer Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

The number at the top-left corner of each cage is the sum of digits inside the cage. Digits do not repeat within a cage.

Penpa for example:

<https://tinyurl.com/yylpz6wn>



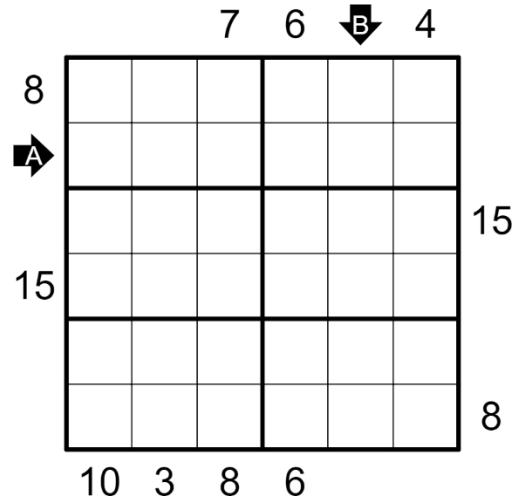
## Frame Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Each number outside the grid is the sum of the digits within the first box (Until the thick outline) in the corresponding direction.

Penpa for example:

<https://tinyurl.com/y3q6lz6u>



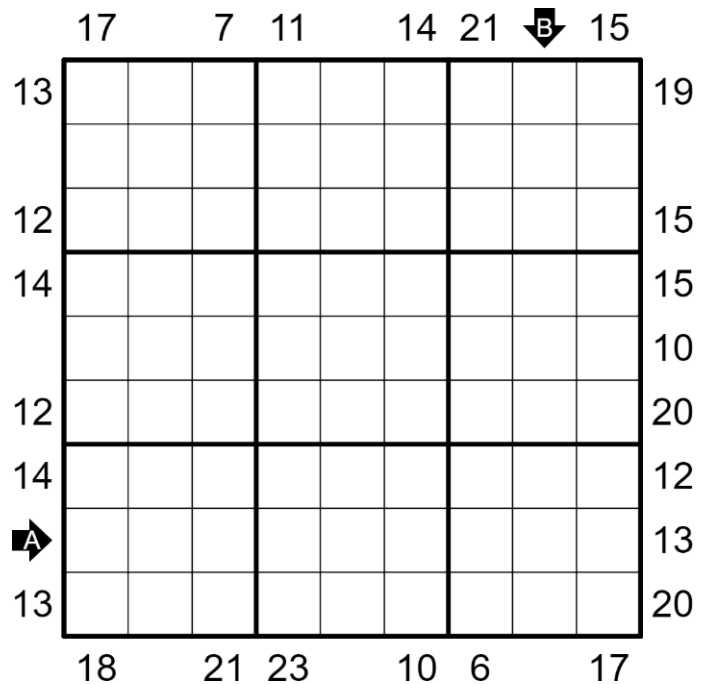
## Frame Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Each number outside the grid is the sum of the digits within the first box (Until the thick outline) in the corresponding direction.

Penpa for example:

<https://tinyurl.com/y2bys3lc>



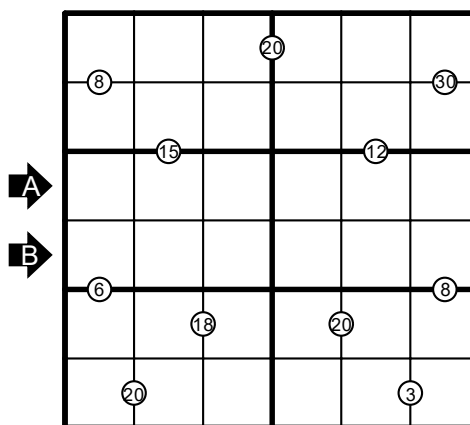
## Product Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Each number between adjacent cells is the product of digits in those two cells.

Penpa for example:

<https://tinyurl.com/26rlv54e>



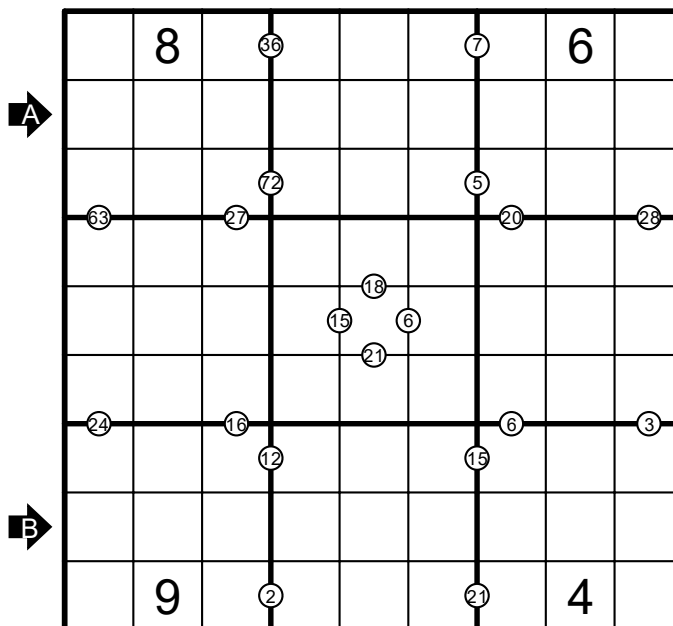
## Product Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Each number between adjacent cells is the product of digits in those two cells.

Penpa for example:

<https://tinyurl.com/2dyv8cbw>

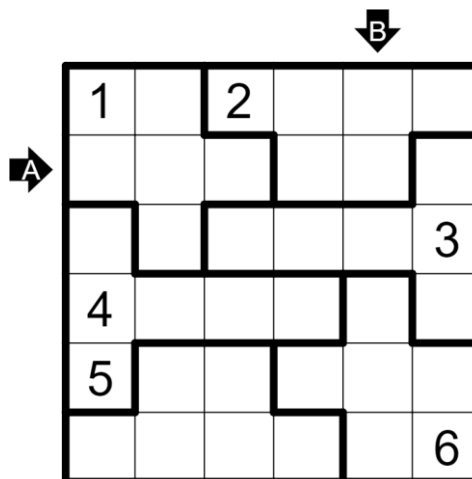


## Irregular Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and outlined region.

Penpa for example:

<https://tinyurl.com/yxzhpmwc>

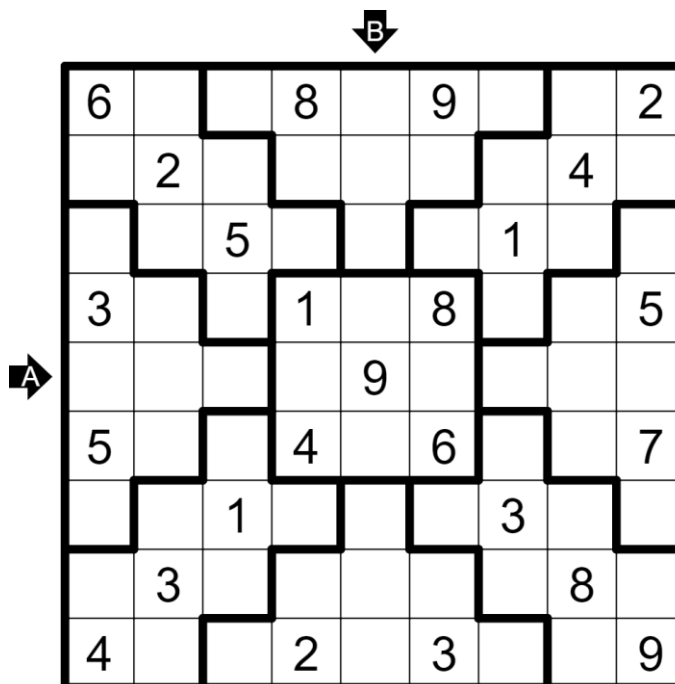


## Irregular Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and outlined region.

Penpa for example:

<https://tinyurl.com/yxhb8q9n>



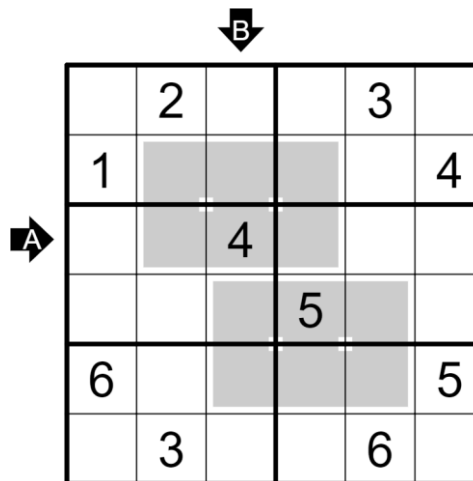
## Extra Regions Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Each grey shaded region contains each digit from 1 to 6.

Penpa for example:

<https://tinyurl.com/4vsbx4p4>



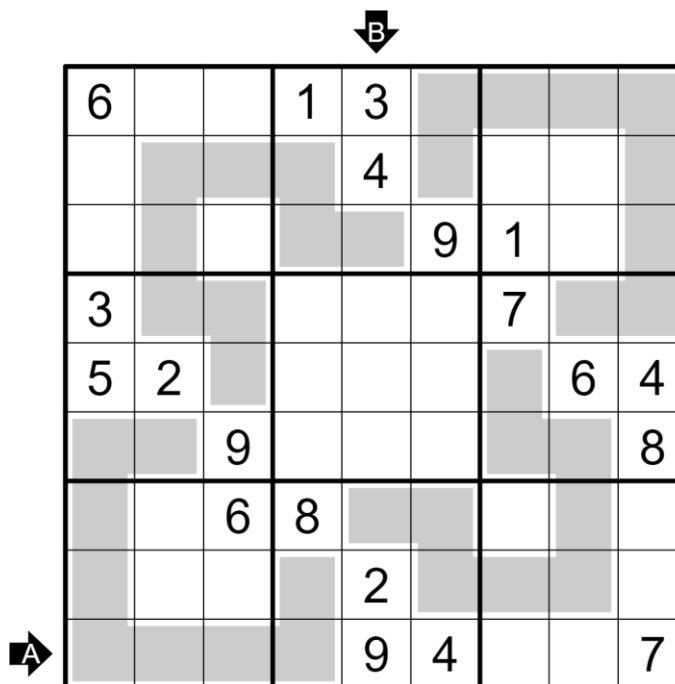
## Extra Regions Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Each grey shaded region contains each digit from 1 to 9.

Penpa for example:

<https://tinyurl.com/yckcps5s>



## Untouch Sudoku 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Diagonally touching cells must not contain the same digit.

Penpa for example:

<https://tinyurl.com/vy5rch5b>

↓ B

	1			4	
		2	3		
	3	1	6	5	

← A

## Untouch Sudoku 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Diagonally touching cells must not contain the same digit.

Penpa for example:

<https://tinyurl.com/y352qvm1>

↓ B

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

← A

## AntiKnight Sudoku

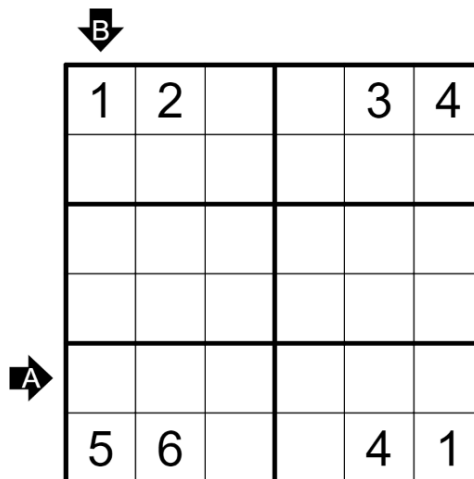
### 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

No cell that is a knight-step away can contain the same digit. A knight's move is 2 in a line and 1 to the side, as in chess.

Penpa for example:

<https://tinyurl.com/y2uy3ajd>



1	2			3	4
5	6			4	1

## AntiKnight Sudoku

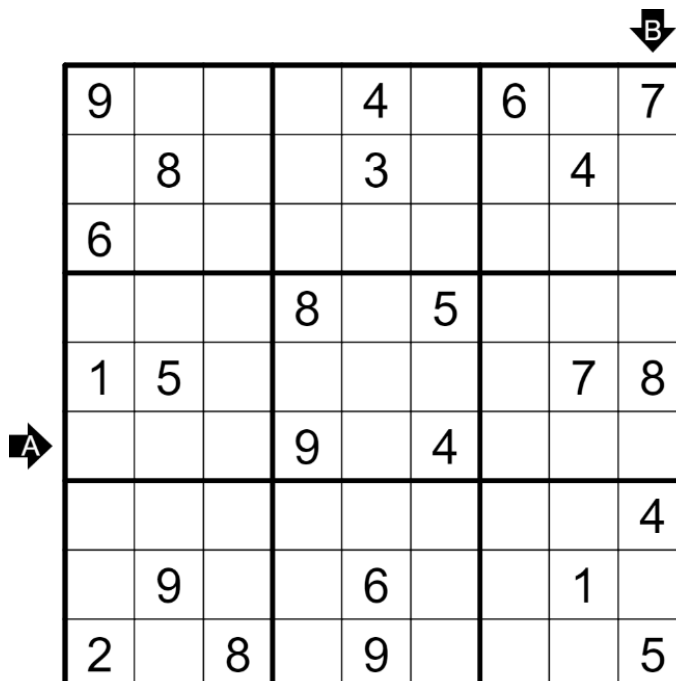
### 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

No cell that is a knight-step away can contain the same digit. A knight's move is 2 in a line and 1 to the side, as in chess.

Penpa for example:

<https://tinyurl.com/yxhdxclf>



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





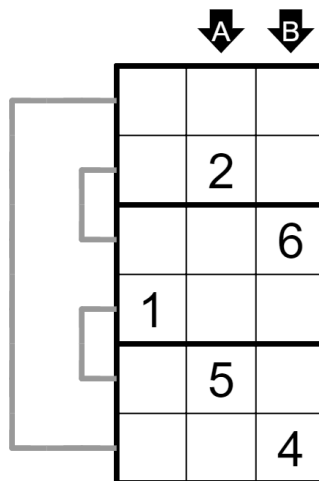
## Sudokurve 6x6

Place a digit from 1 to 6 into each empty cell in the grid so that each digit appears exactly once in each row, column and 2x3 outlined box.

Some rows and columns are bent, marked by curved lines.

Penpa for example:

<https://tinyurl.com/y4xaxa42>



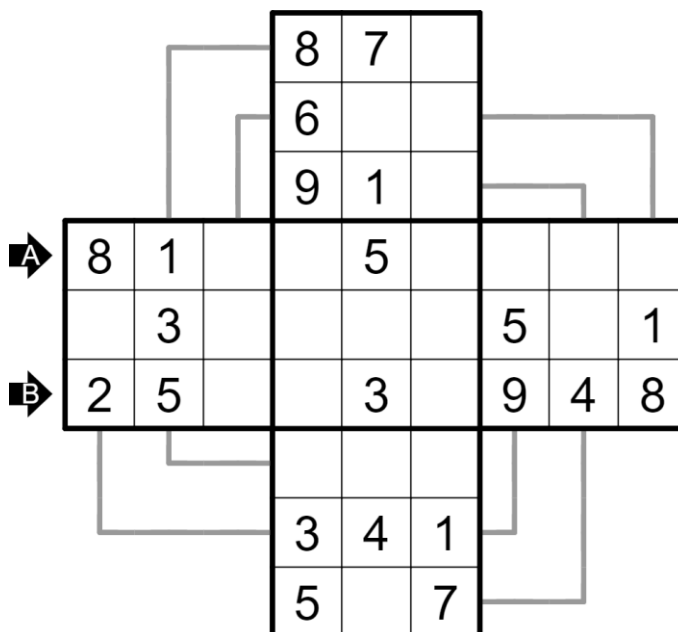
## Sudokurve 9x9

Place a digit from 1 to 9 into each empty cell in the grid so that each digit appears exactly once in each row, column and 3x3 outlined box.

Some rows and columns are bent, marked by curved lines.

Penpa for example:

<https://tinyurl.com/y4pkboxa>





Classic 6x6

↓ B

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

→ A

Classic 9x9

↓ B

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

→ A

Overlapping 6x6

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

→ A

↓ B

Linked 6x6

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

→ A

↓ B

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

→ A

Odd 6x6

↓ B

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

→ A

Odd 9x9

↓ B

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

→ A

Even 6x6

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

Even 9x9

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

Odd Even 6x6

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

Odd Even 9x9

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

Odd-Sum Pairs 6x6

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

Odd-Sum Pairs 9x9

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

OE Count 6x6

↓ B

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

→ A

Outside Parity 6x6

	2		2	↓ B	2	
1	6	1	2	5	3	4
	4	3	5	1	2	6
1	1	2	6	4	5	3
→ A	5	4	3	6	1	2
1	2	5	4	3	6	1
	3	6	1	2	4	5
	1		1		2	

Palindrome 6x6

↓ B

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

OE Count 9x9

↓ B

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

Outside Parity 9x9

	2	2	1		5		1	1	2	
→ A	5	5	3	1	9	7	2	4	6	8
2	9	7	8	6	1	4	5	3	2	1
4	6	2	4	8	3	5	1	9	7	5
5	3	1	9	7	5	8	6	2	4	4
3	4	8	2	3	9	6	7	1	5	3
1	7	6	5	2	4	1	3	8	9	1
4	1	9	7	5	2	3	8	4	6	3
3	2	4	6	1	8	7	9	5	3	4
→ B	1	8	5	3	4	6	9	2	7	1
	2	1	1		4		1	2	2	

Palindrome 9x9

↓ B

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



Renban 6x6

↓ B

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

→ A

Renban 9x9

↓ B

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

→ A

Inequality 6x6

↓ B

4 < 6	3 > 2	1	5	
5	2	1	4 > 3	6
6	1	4	3	5 > 2
2 < 3	5	6	4	1
1	4 > 2	5	6	3
3	5	6 > 1	2 < 4	

→ A

Thermo 6x6

↓ B

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

→ A

Thermo 9x9

↓ B

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

→ A



Quadruple 6x6

↓ B

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

→ A

Quadruple 9x9

↓ B

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

→ A

Arrow 6x6

↓ B

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

→ A

Arrow 9x9

↓ B

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

→ A

Killer 6x6

↓ B

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

→ A

Killer 9x9

↓ B

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

→ A

Frame 6x6

			7	6	↓B	4	
8	2	5	1	4	6	3	
→A	3	4	6	2	5	1	
	1	3	2	6	4	5	15
15	5	6	4	3	1	2	
	4	1	3	5	2	6	
	6	2	5	1	3	4	8
	10	3	8	6			

Frame 9x9

			17	7	11	14	21	↓B	15
13	5	6	2	4	8	1	9	3	7
	9	7	4	5	3	6	8	1	2
12	3	8	1	2	9	7	4	5	6
14	2	9	3	7	5	4	6	8	1
	7	4	8	1	6	9	5	2	3
12	1	5	6	3	2	8	7	4	9
14	8	1	5	9	7	3	2	6	4
→A	6	3	9	8	4	2	1	7	5
13	4	2	7	6	1	5	3	9	8
	18	21	23	10	6	17			

Product 6x6

	2	1	5	4	3	6
	4	3	6	1	2	5
→A	3	5	4	2	6	1
→B	6	2	1	3	5	4
	1	6	3	5	4	2
	5	4	2	6	1	3

Product 9x9

	3	8	4	9	5	7	1	6
→A	2	1	5	3	4	6	8	7
	7	6	9	8	2	1	5	3
	9	2	3	1	6	8	4	5
	1	4	7	5	3	2	6	9
	6	5	8	4	7	9	2	1
	4	7	2	6	9	5	3	8
→B	8	3	6	7	1	4	9	2
	5	9	1	2	8	3	7	4

Irregular 6x6

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

Irregular 9x9

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



Extra Regions 6x6

B

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

A

Untouch 6x6

B

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

A

AntiKnight 6x6

B

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

A

Extra Regions 9x9

B

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

A

Untouch 9x9

B

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

A

AntiKnight 9x9

B

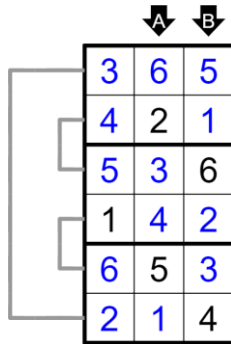
9	3	1	5	4	2	6	8	7
7	8	5	6	3	9	2	4	1
6	4	2	7	8	1	5	3	9
4	2	3	8	7	5	1	9	6
1	5	9	3	2	6	4	7	8
8	7	6	9	1	4	3	5	2
3	6	7	1	5	8	9	2	4
5	9	4	2	6	7	8	1	3
2	1	8	4	9	3	7	6	5

A





Sudokurve 6x6



Sudokurve 9x9

