

# JUNIOR SUDOKU CHAMPIONSHIP

By



&



<https://logicmastersindia.com/>

Indian Affiliate of the World Puzzle Federation

## INSTRUCTIONS BOOKLET

### Grade B (8-10 Years)

## **General Instructions**

- There will be one round. It will contain
  - 2 6x6 Classic Sudokus
  - 2 9x9 Classic Sudokus
  - 1 9x9 Trio Sudoku
  - 1 9x9 Odd Even Sudoku
  - 1 6x6 Diagonal Sudoku
  - 1 6x6 Alphabet Sudoku
- There will be arrows marked for each Sudoku which are solution code. The examples below will show what solution code to enter based on the marked arrows.
- The duration of the contest is 60 minutes.
- Bonus points will be computed if all Sudokus are solved ahead of time.

## **Rules and Regulations**

- Students can solve online only and must be connected to the Zoom video at all times.
- Students are not permitted to use outside assistance of any kind to solve the Sudokus.
- Parents are allowed to submit online on behalf of the students, but NOT permitted to assist in actual solving. Any prompting, etc. will result in a disqualification.

### Mini Classic Sudoku (6x6) (30 + 40 Points)

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.

Link to solve example - <https://git.io/JcLuA>

There will be 2 Mini Classic Sudokus in the contest.

Example

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

Solution

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

Solution code –

A: 465321

B: 132645

### Classic Sudoku (9x9) (170 + 90 Points)

Rules: 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.

Link to solve example - <https://git.io/JcLBK>

There will be 2 9x9 Classic Sudokus in the contest.

Example

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

Solution

A	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
B	5	6	8	3	4	9	2	7	1

Solution codes –

A: 781564329

B: 568349271

## Trio Sudoku (9x9) (80 Points)

Rules: 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. Cells with circles must contain digits 1,2 or 3. Cells with squares must contain digits 4,5 or 6. Blank Cells must contain digits 7,8 or 9.

Link to solve example - <https://git.io/JcLzy>

Example

A								
			5		8			
		8				3		
	8						3	
B								
		5					4	
		2				9		
			8		6			

Solution

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

Solution Codes –

A: 765239418

B: 237485196

## Odd Even Sudoku (9x9) (110 Points)

Rules: 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. All shaded cells must contain even digits. All white cells must contain odd digits.

Link to solve example - <https://git.io/JcLE3>

Example

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

Solution

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

Solution Codes –

A: 213475689

B: 671342958

## Mini Diagonal Sudoku (6x6) (50 Points)

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. Additionally, each main diagonal (marked by dotted lines) must contain digits from 1 to 6.

Link to solve example - <https://git.io/JcLgB>

Example

				2	
					3
1	2				
2		1			
	4	5			

Solution

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

Solution Codes –

A: 412653

B: 356214

## Mini Alphabet Sudoku (6x6) (30 Points)

Rules: Place a letter from A to F (B to G in the example) in each empty cell so that each letter appears exactly once in each row, column and 2X3 box.

Link to solve example - <https://git.io/JcLg6>

Example

	B	C	D	E	
	C			F	
	D			G	
	E	G	B	D	

Solution

D	G	E	F	B	C
F	B	C	D	E	G
G	C	B	E	F	D
E	D	F	C	G	B
C	E	G	B	D	F
B	F	D	G	C	E

Solution Codes –

A: DGEFBC

B: BFDGCE

Good luck to all!