

# Bengaluru Brain Games

## Sudoku - Solutions (Open)

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*You may use these puzzles as long as credit is given to the author*

## Classic Sudoku 6x6 (4 points each)

Place digits 1~6 in the grid so that every row, column, 2x3 thick-outlined box contains the numbers 1~6 exactly once.

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

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

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

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

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

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

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

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

### Classic Sudoku 9x9 (20 points)

Place digits 1~9 in the grid so that every row, column, 3x3 thick-outlined box contains the numbers 1~9 exactly once.

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

### Classic Sudoku 9x9 (28 points)

Place alphabets A, C, E, G, H, I, M, N, S in the grid so that every row, column, 3x3 thick-outlined box contains each alphabet exactly once.

M	S	I	G	B	A	N	E	R
N	A	B	M	E	R	I	S	G
R	E	G	N	S	I	A	M	B
S	G	M	A	R	N	B	I	E
B	I	E	S	M	G	R	A	N
A	R	N	B	I	E	M	G	S
E	B	A	R	G	M	S	N	I
G	N	S	I	A	B	E	R	M
I	M	R	E	N	S	G	B	A

### Odd Even Sudoku 6x6 (3 + 3 points)

Place digits 1~6 in the grid so that every row, column, 2x3 thick-outlined box contains the numbers 1~6 exactly once.  
Shaded cells contain even digits

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

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

### Odd Even Sudoku 9x9 (12 points)

Place digits 1~9 in the grid so that every row, column, 3x3 thick-outlined box contains the numbers 1~9 exactly once.  
Shaded cells contain even digits.

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

## Trio Sudoku 6x6 (3 + 3 points)

Place digits 1~6 in the grid so that every row, column, 2x3 thick-outlined box contains the numbers 1~6 exactly once. Circled cells contain the digits 1 and 2. Shaded cells contain the digits 3 and 4. White cells contain the digits 5 and 6.

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

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

## Trio Sudoku 9x9 (13 points)

Place digits 1~9 in the grid so that every row, column, 3x3 thick-outlined box contains the numbers 1~9 exactly once. Circled cells contain the digits 1, 2, 3. Shaded cells contain the digits 4, 5, 6. White cells contain the digits 7, 8, 9.

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

### Diagonal Sudoku 6x6 (17 points)

Place digits 1~6 in the grid so that every row, column, 2x3 thick-outlined box and two main diagonals contain the numbers 1~6 exactly once.

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

### Diagonal Sudoku 9x9 (18 points)

Place digits 1~9 in the grid so that every row, column, 3x3 thick-outlined box and two main diagonals contain the numbers 1~9 exactly once.

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

### Irregular Sudoku 6x6 (12 points)

Place digits 1~6 in the grid so that every row, column, thick-outlined region contains the numbers 1~6 exactly once.

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

### Consecutive Sudoku 6x6 (11 points)

Place digits 1~6 in the grid so that every row, column, 2x3 thick-outlined box contains the numbers 1~6 exactly once. If two adjacent cells contain consecutive digits, it is marked by a bar.

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

### Extra Region Sudoku 6x6 (10 points)

Place digits 1~6 in the grid so that every row, column, 2x3 thick-outlined box contains the numbers 1~6 exactly once. The two sets of six shaded cells must also contain the numbers 1~6 exactly once.

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

### Killer Sudoku 6x6 (15 points)

Place digits 1~6 in the grid so that every row, column, 2x3 thick-outlined box contains the numbers 1~6 exactly once. The number in top left corner of cage represents the sum of digits in the cage. Numbers cannot repeat within a cage.

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