

MIT Sudoku Open 2024

Individual Round 1: Classics

40 Minutes – 500 Points

Authors: David Altizio, Walker Anderson, Becca Chang, Tyler Chen

1.1 Classic Sudoku.....	7 Points	✓	1	2	X
1.2 Classic Sudoku.....	11 Points	✓	1	2	X
1.3 Classic Sudoku.....	11 Points	✓	1	2	X
1.4 Classic Sudoku.....	11 Points	✓	1	2	X
1.5 Classic Sudoku.....	15 Points	✓	1	2	X
1.6 Classic Sudoku.....	15 Points	✓	1	2	X
1.7 Classic Sudoku.....	15 Points	✓	1	2	X
1.8 Classic Sudoku.....	25 Points	✓	1	2	X
1.9 Classic Sudoku.....	30 Points	✓	1	2	X
1.10 Classic Sudoku.....	40 Points	✓	1	2	X
1.11 Classic Sudoku.....	40 Points	✓	1	2	X
1.12 Classic Sudoku.....	50 Points	✓	1	2	X
1.13 Classic Sudoku.....	50 Points	✓	1	2	X
1.14 Classic Sudoku.....	60 Points	✓	1	2	X
1.15 Classic Sudoku.....	60 Points	✓	1	2	X
1.16 Classic Sudoku.....	60 Points	✓	1	2	X

Total

Name: _____

Division:

Beginner

Experienced

1.1 – 1.4: Classic Sudoku

7+11+11+11 Points

Rules: Place the digits 1-6 in each empty cell in the grid such that each row, column, and marked 2x3 box contains each digit exactly once.

1.1 (7 Points)

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

1.2 (11 Points)

		6	3		
		5			4
					3
					2
1			4		
2					1

1.3 (11 Points)

		3		1	
	2				3
1					
					4
5				3	
	4		2		

1.4 (11 Points)

		5			
			2		
1				5	
	2				3
		3			
			4		

1.5: Classic Sudoku

15 Points

Rules: Place the digits 1-9 in each empty cell in the grid such that each row, column, and marked 3x3 box contains each digit exactly once.

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

1.6: Classic Sudoku

15 Points

Rules: Place the digits 1-9 in each empty cell in the grid such that each row, column, and marked 3x3 box contains each digit exactly once.

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

1.7: Classic Sudoku

15 Points

Rules: Place the digits 1-9 in each empty cell in the grid such that each row, column, and marked 3x3 box contains each digit exactly once.

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

1.8: Classic Sudoku

25 Points

Rules: Place the digits 1-9 in each empty cell in the grid such that each row, column, and marked 3x3 box contains each digit exactly once.

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

1.9: Classic Sudoku

30 Points

Rules: Place the digits 1-9 in each empty cell in the grid such that each row, column, and marked 3x3 box contains each digit exactly once.

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

1.10: Classic Sudoku

40 Points

Rules: Place the digits 1-9 in each empty cell in the grid such that each row, column, and marked 3x3 box contains each digit exactly once.

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

1.13: Classic Sudoku

50 Points

Rules: Place the digits 1-9 in each empty cell in the grid such that each row, column, and marked 3x3 box contains each digit exactly once.

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

1.14: Classic Sudoku

60 Points

Rules: Place the digits 1-9 in each empty cell in the grid such that each row, column, and marked 3x3 box contains each digit exactly once.

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

1.15: Classic Sudoku

60 Points

Rules: Place the digits 1-9 in each empty cell in the grid such that each row, column, and marked 3x3 box contains each digit exactly once.

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

1.16: Classic Sudoku

60 Points

Rules: Place the digits 1-9 in each empty cell in the grid such that each row, column, and marked 3x3 box contains each digit exactly once.

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