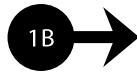
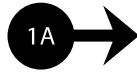




1 Classic Sudoku [25 points]

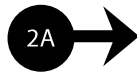
Place a number from 1-9 in each empty cell in the grid such that each row, column and marked 3x3 box contains each number exactly once.



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

2 Classic Sudoku [30 points]

Place a number from 1-9 in each empty cell in the grid such that each row, column and marked 3x3 box contains each number exactly once.



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

**3 Classic Sudoku [33 points]**

Place a number from 1-9 in each empty cell in the grid such that each row, column and marked 3x3 box contains each number exactly once.

3A →

3B →

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

4 Classic Sudoku [39 points]

Place a number from 1-9 in each empty cell in the grid such that each row, column and marked 3x3 box contains each number exactly once.

4A →

4B →

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



5 Classic Sudoku [56 points]

Place a number from 1-9 in each empty cell in the grid such that each row, column and marked 3x3 box contains each number exactly once.

5A →

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

5B →

6 Consecutive Sudoku

[79 points]

Apply classic sudoku rules. Adjacent cells containing consecutive numbers are marked. Adjacent cells with no marking must not contain consecutive numbers.

6A →

		1						
			2					
					3			
						4		

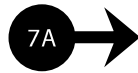
6B →



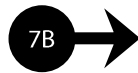
7 Non-Consecutive Sudoku

[48 points]

Apply classic sudoku rules. Numbers placed in adjacent cells must not be consecutive.



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

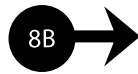


8 Kropki Sudoku [50 points]

Apply classic sudoku rules. Adjacent cells containing consecutive numbers are marked with a white dot. Adjacent cells containing numbers whose ratio is 2 are marked with a black dot. Adjacent cells with no marking must not contain numbers that are either consecutive or whose ratio is 2.



		•						•
•				•				•
		•			4			
				•				
	9			•		2		5
								•
					1		•	
•		•					•	
							•	
	•							





9 Parity Sudoku [41 points]

Apply classic sudoku rules. All numbers placed in the cells belonging to the same line must be of the same parity.

9A →

9B →

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

10 Outside Sudoku

[38 points]

Apply classic sudoku rules. The numbers outside the grid must appear within the first three cells in the corresponding direction.

10A →

10B →

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



11 Outside Greater Than Sudoku
[56 points]

Apply classic sudoku rules. The signs outside the grid indicate how many inequality signs should be placed between neighbouring cells in corresponding direction.

		4	4	4	4	7	4	3	5	5	v
>	<	4	4	4	4	1	4	5	3	3	^
2	6	7									8
4	4		1						6		
3	5				5		3				
11A →	3	5		3				7			
3	5					2					
5	3			5				6			
11B →	4	4			4		7				
4	4		2						9		
4	4	8									1

12 Tens Position Products
Sudoku [59 points]

Apply classic sudoku rules. Number between a pair of adjacent cell indicates the number in the tens position of the product of the numbers placed in these cells (e.g. if 3 and 4 are placed in the cells, their product is 12 and the clue would be 1).

	0	1	2	3	4						
12A →	0										
		4									
	1	5	3								
			3								
	2			5	2	1					
			2	5	6	5					
	3			2	4	3				4	
			0	1	2	2					
	4			1	1	0					3
			4	1	0	0					
			1	0	0						2
								3			
12B →							4	6		1	
								7			
											0
				4	3	2	1	0			



13 Extra Space Sudoku [46 points]

Place a number from 1-9 in each empty cell in the grid such that each row, column and marked box contains each number exactly once. The grey cells will not contain numbers.

						7				6					
							9	2	5				6		
		2										5		1	
			6								3		4		
				7						4		9			
					4				1		7				3
13A →	3							6		9				2	
		7							2					4	
		1				5								3	
		5			3		4								7
	6				1		9			5					
			3		6						9				
		5		9								4			
	9		1										3		
		8				4	3	7							
13B →					1				9						