

One SUDOKU

Book #3

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About the puzzles:

DC SUDOKU (www.dctech.com/sudoku/) provides many variants on SUDOKU type puzzles for online play as well as printing, including a “Morph” tool which can provide endless variations on the same puzzle. That is, although it is not obvious the morph can be solved by following identical logical steps – though on different row/columns etc. than the original.

This short book provides 24 morphs and solutions of a Sudoku puzzle. There are three numeric versions and one alphabetic version on each page.

The chosen puzzle is a standard 9 square X 9 square format with 25 cells given to get you started and with two 3x3 cell blocks completely blank. I'll leave it to you to discover all the other logical equivalents that make these 24 puzzles in essence “One Sudoku”.

Puzzle 1

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

<http://www.dctech.com/sudoku/books>

Puzzle 2

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

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Puzzle 3

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

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Puzzle 4

	C	D				B	F	
						B		A H
					F	C		
			E		H			
G				C	D		A	H
A					F			
	D	G				E		
H				A				
					B		F	

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Puzzle 5

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

<http://www.dctech.com/sudoku/books>

Puzzle 6

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

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Puzzle 7

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

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Puzzle 8

	E					H		
	F							B
C	D			F	H	G		
		B					D	G
	A				E			
H						F		
E		C						
		A	F	H				
				E	A		C	D

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Puzzle 9

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

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Puzzle 10

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

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Puzzle 11

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

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Puzzle 12

			B		E	C		
F					E			
				H			A	I
E	F						G	A
	B	C		E				
			F	G				
B	C		G		A	I		
					C			H
					F	B		

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Puzzle 13

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

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Puzzle 14

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

<http://www.dctech.com/sudoku/books>

Puzzle 15

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

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Puzzle 16

A		F	E			C	G	
C				D				
H			G					
				A	F	H	B	
	B					G		C
	F	H						
			G	C				
B							H	
	D			E	A			

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Puzzle 17

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

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Puzzle 18

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

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Puzzle 19

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

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Puzzle 20

				G			C	
	E						D	
H		A						F
	D						G	
F							E	
	H			D	E		I	A
A		I		C	G			
				E	D			C
							G	I

<http://www.dctech.com/sudoku/books>

Puzzle 21

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

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Puzzle 22

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

<http://www.dctech.com/sudoku/books>

Puzzle 23

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

<http://www.dctech.com/sudoku/books>

Puzzle 24

	E			I				
				F			G	B
						H		A
A	H			G	D			B
				A				F
				E				H
E	I						D	G
				D		E		
H		A		I				

<http://www.dctech.com/sudoku/books>

Solution 1

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

Solution 2

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

Solution 3

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

Solution 4

E	C	D	G	A	H	B	F	I
I	G	F	D	E	B	C	H	A
B	A	H	F	I	C	E	G	D
D	I	E	B	H	A	G	C	F
G	F	B	C	D	I	A	H	E
A	H	C	E	F	G	I	D	B
F	D	G	I	C	E	H	B	A
H	B	I	A	G	F	D	E	C
C	E	A	H	B	D	F	I	G

Solution 5

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

Solution 6

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

Solution 7

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

Solution 8

B	E	G	A	D	I	H	F	C
A	F	H	E	C	G	D	I	B
C	D	I	B	F	H	G	E	A
I	C	B	H	A	F	E	D	G
F	A	D	G	I	E	C	B	H
H	G	E	C	B	D	F	A	I
E	I	C	D	G	B	A	H	F
D	B	A	H	F	C	I	G	E
G	H	F	I	E	A	B	C	D

Solution 9

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

Solution 10

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

Solution 11

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

Solution 12

A	H	G	B	F	I	C	E	D
F	D	I	C	A	E	G	H	B
C	E	B	D	H	G	F	A	I
E	F	D	I	C	B	H	G	A
G	C	B	A	E	H	D	I	F
H	I	A	F	G	D	E	B	C
B	C	H	G	D	A	I	F	E
I	G	F	E	B	C	A	D	H
D	A	E	H	I	F	B	C	G

Solution 13

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

Solution 14

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

Solution 15

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

Solution 16

A	I	F	E	B	H	C	G	D
C	G	B	A	D	I	F	E	H
H	E	D	G	F	C	A	I	B
G	C	E	D	A	F	H	B	I
D	B	A	I	H	E	C	F	G
I	F	H	B	C	G	E	D	A
E	H	G	C	I	B	D	A	F
B	A	C	F	G	D	I	H	E
F	D	I	H	E	A	B	C	G

Solution 17

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

Solution 18

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

Solution 19

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

Solution 20

D	I	F	H	G	B	E	C	A
B	E	C	I	A	F	D	H	G
H	G	A	D	E	C	B	I	F
I	D	E	C	B	A	F	G	H
F	A	B	G	H	I	C	E	D
C	H	G	F	D	E	I	A	B
A	F	I	B	C	G	H	D	E
G	B	H	D	I	E	A	F	C
E	C	D	A	F	H	G	B	I

Solution 21

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