

FIND CLASSIC 4-UP PRINTABLE SUDOKU AT [SUDOKUPRINTOUT.COM](https://www.sudokuprintout.com)

Printable PDF Booklet

X-Cycle Practice Sudoku

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates

Every puzzle in this booklet is filtered to require X-Cycle. It is designed for solvers who want deliberate, targeted practice on paper.

DIFFICULTY

Custom / Custom

LAYOUT

4 Puzzles Per Page

TECHNIQUE

X-Cycle

CANDIDATES

Included

ANSWER KEY

Included at the end

GENERATED

Apr 12, 2026

PAPER

A4 / US Letter

You are welcome to share this booklet freely.

HINT SUPPORT

Need a logical hint? Every booklet here uses the same Puzzle IDs as [sudoku-puzzle.org](https://www.sudoku-puzzle.org). Open that site, enter your Puzzle ID in the "Start Game" dialog, and launch the solver for a clean step-by-step walkthrough. For more printable layouts and levels, visit [sudokuprintout.com](https://www.sudokuprintout.com).

X-CYCLE PRACTICE SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#1 (ID: #146074)

SCORE: 807

STEPS: 95

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, VWXYZ-Wing, Turbot Fish, 3 Strong Links, Grouped Skyscraper, Grouped 2-String Kite, XY-Chain, X-Cycle

#2 (ID: #154821)

SCORE: 734

STEPS: 85

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, Swordfish, XY-Wing, XYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, 3 Strong Links, Grouped Turbot Crane, X-Cycle, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)

#3 (ID: #156548)

SCORE: 697

STEPS: 84

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, X-Wing, XYZ-Wing, WXYZ-Wing, Turbot Fish, XY-Chain, X-Cycle, Chute Remote Pairs, Unique Rectangle Type 4

#4 (ID: #158168)

SCORE: 708

STEPS: 88

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Turbot Fish, Grouped Skyscraper, X-Cycle

X-CYCLE PRACTICE SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#5 (ID: #159733)

SCORE: 410

STEPS: 72

Level 10

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

Techs: Naked Single, Hidden Single, 2-String Kite, Skyscraper, Turbot Fish, 3 Strong Links, Grouped 2-String Kite, X-Cycle

#6 (ID: #164852)

SCORE: 506

STEPS: 77

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, WXYZ-Wing, Skyscraper, Turbot Fish, Grouped Skyscraper, Grouped 2-String Kite, Grouped Turbot Crane, XY-Chain, X-Cycle

#7 (ID: #179188)

SCORE: 535

STEPS: 75

Level 10

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

Techs: Naked Single, Hidden Single, Claiming, Naked Pairs, VWXYZ-Wing, 2-String Kite, Skyscraper, 3 Strong Links, Grouped Turbot Crane, X-Cycle

#8 (ID: #179663)

SCORE: 888

STEPS: 97

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Turbot Fish, 3 Strong Links, Grouped Turbot Crane, XY-Chain, X-Cycle

X-CYCLE PRACTICE SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#9 (ID: #185659)

SCORE: 506

STEPS: 77

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, WXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, 3 Strong Links, 4 Strong Links, X-Cycle, Chute Remote Pairs

#10 (ID: #193075)

SCORE: 533

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, VWXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, X-Cycle, Unique Rectangle Type 3, Unique Rectangle Type 4

#11 (ID: #196307)

SCORE: 710

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, VWXYZ-Wing, Turbot Fish, 3 Strong Links, XY-Chain, X-Cycle, Chute Remote Pairs, BUG (Bivalue Universal Grave)

#12 (ID: #203185)

SCORE: 463

STEPS: 75

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Triples, XY-Wing, XYZ-Wing, VWXYZ-Wing, Skyscraper, 3 Strong Links, 4 Strong Links, Grouped Skyscraper, X-Cycle, Chute Remote Pairs

X-CYCLE PRACTICE SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#13 (ID: #215174)

SCORE: 461

STEPS: 76

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Pairs, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, 3 Strong Links, Grouped 2-String Kite, X-Cycle, Unique Rectangle Type 1

#14 (ID: #217528)

SCORE: 568

STEPS: 85

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XY-Wing, VWXYZ-Wing, 2-String Kite, Grouped Skyscraper, Grouped Turbot Crane, XY-Chain, X-Cycle

#15 (ID: #223341)

SCORE: 610

STEPS: 85

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, XY-Chain, X-Cycle, Chute Remote Pairs

#16 (ID: #242895)

SCORE: 565

STEPS: 81

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XY-Wing, WXYZ-Wing, 2-String Kite, Skyscraper, 3 Strong Links, XY-Chain, X-Cycle, Unique Rectangle Type 1

X-CYCLE PRACTICE SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#17 (ID: #244107)

SCORE: 647

STEPS: 83

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, WXYZ-Wing, Turbot Fish, 3 Strong Links, 4 Strong Links, XY-Chain, X-Cycle, Chute Remote Pairs

#18 (ID: #247872)

SCORE: 557

STEPS: 81

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, 2-String Kite, Grouped 2-String Kite, XY-Chain, X-Cycle

#19 (ID: #250356)

SCORE: 993

STEPS: 107

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, XYZ-Wing, WXYZ-Wing, 2-String Kite, XY-Chain, X-Cycle, Unique Rectangle Type 4

#20 (ID: #250598)

SCORE: 515

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, X-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, X-Cycle, Unique Rectangle Type 3, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)

X-CYCLE PRACTICE SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#21 (ID: #254534)

SCORE: 552

STEPS: 82

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, 3 Strong Links, X-Cycle, Chute Remote Pairs

#22 (ID: #258280)

SCORE: 534

STEPS: 78

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, Skyscraper, Turbot Fish, 3 Strong Links, XY-Chain, X-Cycle, Unique Rectangle Type 4

#23 (ID: #262843)

SCORE: 972

STEPS: 105

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, 3 Strong Links, 4 Strong Links, Grouped Skyscraper, X-Cycle

#24 (ID: #265483)

SCORE: 491

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, XY-Wing, VWXYZ-Wing, 2-String Kite, Turbot Fish, 3 Strong Links, 4 Strong Links, X-Cycle, Chute Remote Pairs, Unique Rectangle Type 1

X-CYCLE PRACTICE SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#1 (ID: #146074)

SCORE: 807

STEPS: 95

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, VWXYZ-Wing, Turbot Fish, 3 Strong Links, Grouped Skyscraper, Grouped 2-String Kite, XY-Chain, X-Cycle

#2 (ID: #154821)

SCORE: 734

STEPS: 85

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, Swordfish, XY-Wing, XYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, 3 Strong Links, Grouped Turbot Crane, X-Cycle, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)

#3 (ID: #156548)

SCORE: 697

STEPS: 84

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, X-Wing, XYZ-Wing, WXYZ-Wing, Turbot Fish, XY-Chain, X-Cycle, Chute Remote Pairs, Unique Rectangle Type 4

#4 (ID: #158168)

SCORE: 708

STEPS: 88

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Turbot Fish, Grouped Skyscraper, X-Cycle

X-CYCLE PRACTICE SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#5 (ID: #159733)

SCORE: 410

STEPS: 72

Level 10

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

Techs: Naked Single, Hidden Single, 2-String Kite, Skyscraper, Turbot Fish, 3 Strong Links, Grouped 2-String Kite, X-Cycle

#6 (ID: #164852)

SCORE: 506

STEPS: 77

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, WXYZ-Wing, Skyscraper, Turbot Fish, Grouped Skyscraper, Grouped 2-String Kite, Grouped Turbot Crane, XY-Chain, X-Cycle

#7 (ID: #179188)

SCORE: 535

STEPS: 75

Level 10

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

Techs: Naked Single, Hidden Single, Claiming, Naked Pairs, VWXYZ-Wing, 2-String Kite, Skyscraper, 3 Strong Links, Grouped Turbot Crane, X-Cycle

#8 (ID: #179663)

SCORE: 888

STEPS: 97

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Turbot Fish, 3 Strong Links, Grouped Turbot Crane, XY-Chain, X-Cycle

X-CYCLE PRACTICE SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#9 (ID: #185659)

SCORE: 506

STEPS: 77

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, WXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, 3 Strong Links, 4 Strong Links, X-Cycle, Chute Remote Pairs

#10 (ID: #193075)

SCORE: 533

STEPS: 79

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, VWXYZ-Wing, 2-String Kite, Skyscraper, Turbot Fish, X-Cycle, Unique Rectangle Type 3, Unique Rectangle Type 4

#11 (ID: #196307)

SCORE: 710

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, VWXYZ-Wing, Turbot Fish, 3 Strong Links, XY-Chain, X-Cycle, Chute Remote Pairs, BUG (Bivalue Universal Grave)

#12 (ID: #203185)

SCORE: 463

STEPS: 75

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Triples, XY-Wing, XYZ-Wing, VWXYZ-Wing, Skyscraper, 3 Strong Links, 4 Strong Links, Grouped Skyscraper, X-Cycle, Chute Remote Pairs

X-CYCLE PRACTICE SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#13 (ID: #215174)

SCORE: 461

STEPS: 76

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Pairs, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, 3 Strong Links, Grouped 2-String Kite, X-Cycle, Unique Rectangle Type 1

#14 (ID: #217528)

SCORE: 568

STEPS: 85

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XY-Wing, VWXYZ-Wing, 2-String Kite, Grouped Skyscraper, Grouped Turbot Crane, XY-Chain, X-Cycle

#15 (ID: #223341)

SCORE: 610

STEPS: 85

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, XY-Chain, X-Cycle, Chute Remote Pairs

#16 (ID: #242895)

SCORE: 565

STEPS: 81

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, XY-Wing, WXYZ-Wing, 2-String Kite, Skyscraper, 3 Strong Links, XY-Chain, X-Cycle, Unique Rectangle Type 1

X-CYCLE PRACTICE SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#17 (ID: #244107)

SCORE: 647

STEPS: 83

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, WXYZ-Wing, Turbot Fish, 3 Strong Links, 4 Strong Links, XY-Chain, X-Cycle, Chute Remote Pairs

#18 (ID: #247872)

SCORE: 557

STEPS: 81

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, 2-String Kite, Grouped 2-String Kite, XY-Chain, X-Cycle

#19 (ID: #250356)

SCORE: 993

STEPS: 107

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, XYZ-Wing, WXYZ-Wing, 2-String Kite, XY-Chain, X-Cycle, Unique Rectangle Type 4

#20 (ID: #250598)

SCORE: 515

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, X-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, X-Cycle, Unique Rectangle Type 3, Unique Rectangle Type 4, BUG (Bivalue Universal Grave)

X-CYCLE PRACTICE SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#21 (ID: #254534)

SCORE: 552

STEPS: 82

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, 3 Strong Links, X-Cycle, Chute Remote Pairs

#22 (ID: #258280)

SCORE: 534

STEPS: 78

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, WXYZ-Wing, Skyscraper, Turbot Fish, 3 Strong Links, XY-Chain, X-Cycle, Unique Rectangle Type 4

#23 (ID: #262843)

SCORE: 972

STEPS: 105

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, 3 Strong Links, 4 Strong Links, Grouped Skyscraper, X-Cycle

#24 (ID: #265483)

SCORE: 491

STEPS: 80

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, XY-Wing, VWXYZ-Wing, 2-String Kite, Turbot Fish, 3 Strong Links, 4 Strong Links, X-Cycle, Chute Remote Pairs, Unique Rectangle Type 1

CLASSIC SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#1 (ID: #146074)

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

#2 (ID: #154821)

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

#3 (ID: #156548)

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

#4 (ID: #158168)

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

#5 (ID: #159733)

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

#6 (ID: #164852)

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

#7 (ID: #179188)

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

#8 (ID: #179663)

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

CLASSIC SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#9 (ID: #185659)

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

#10 (ID: #193075)

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

#11 (ID: #196307)

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

#12 (ID: #203185)

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

#13 (ID: #215174)

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

#14 (ID: #217528)

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

#15 (ID: #223341)

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

#16 (ID: #242895)

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

CLASSIC SUDOKU [VOL.5]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#17 (ID: #244107)

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

#18 (ID: #247872)

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

#19 (ID: #250356)

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

#20 (ID: #250598)

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

#21 (ID: #254534)

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

#22 (ID: #258280)

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

#23 (ID: #262843)

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

#24 (ID: #265483)

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