

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

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

Off

ANSWER KEY

Not included

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).

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#1 (ID: #123347)

SCORE: 377

STEPS: 75

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, XYZ-Wing, Skyscraper, 3 Strong Links, 4 Strong Links, X-Cycle

#2 (ID: #136219)

SCORE: 229

STEPS: 64

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, Turbot Fish, 3 Strong Links, XY-Chain, X-Cycle

#3 (ID: #174676)

SCORE: 263

STEPS: 68

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, WXYZ-Wing, Skyscraper, Grouped 2-String Kite, X-Cycle, Chute Remote Pairs

#4 (ID: #175978)

SCORE: 520

STEPS: 85

Level 9

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

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

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#5 (ID: #181101)

SCORE: 449

STEPS: 79

Level 9

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

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

#6 (ID: #207302)

SCORE: 470

STEPS: 81

Level 9

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

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

#7 (ID: #224360)

SCORE: 502

STEPS: 82

Level 9

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

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

#8 (ID: #249609)

SCORE: 467

STEPS: 79

Level 9

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

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

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#9 (ID: #256617)

SCORE: 332

STEPS: 69

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Triples, XY-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, XY-Chain, X-Cycle

#10 (ID: #258179)

SCORE: 548

STEPS: 79

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, XYZ-Wing, WXYZ-Wing, 2-String Kite, Turbot Fish, 3 Strong Links, 4 Strong Links, Grouped Turbot Crane, XY-Chain, X-Cycle, BUG (Bivalue Universal Grave)

#11 (ID: #281982)

SCORE: 381

STEPS: 73

Level 9

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

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

#12 (ID: #287832)

SCORE: 287

STEPS: 71

Level 9

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

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

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#13 (ID: #290689)

SCORE: 641

STEPS: 89

Level 9

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

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

#14 (ID: #292275)

SCORE: 756

STEPS: 95

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, XY-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Skyscraper, 3 Strong Links, Grouped Turbot Crane, X-Cycle, Chute Remote Pairs, BUG (Bivalve Universal Grave)

#15 (ID: #306906)

SCORE: 610

STEPS: 86

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Naked Triples, WXYZ-Wing, 2-String Kite, Skyscraper, 3 Strong Links, XY-Chain, X-Cycle, Unique Rectangle Type 4

#16 (ID: #312696)

SCORE: 277

STEPS: 65

Level 9

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

Techs: Naked Single, Hidden Single, Claiming, Naked Pairs, VWXYZ-Wing, 2-String Kite, Skyscraper, Grouped Skyscraper, X-Cycle, Chute Remote Pairs

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#17 (ID: #313634)

SCORE: 566

STEPS: 81

Level 9

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

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

#18 (ID: #320601)

SCORE: 217

STEPS: 66

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, 2-String Kite, Skyscraper, 3 Strong Links, XY-Chain, X-Cycle

#19 (ID: #325014)

SCORE: 319

STEPS: 71

Level 9

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

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

#20 (ID: #327496)

SCORE: 629

STEPS: 87

Level 9

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

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

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#21 (ID: #344424)

SCORE: 480

STEPS: 78

Level 9

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

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

#22 (ID: #350825)

SCORE: 328

STEPS: 71

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Triples, 2-String Kite, Skyscraper, Turbot Fish, Grouped Turbot Crane, X-Cycle

#23 (ID: #350850)

SCORE: 209

STEPS: 66

Level 9

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

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

#24 (ID: #353573)

SCORE: 359

STEPS: 74

Level 9

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

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