

DISCOVER TECHNIQUE-BASED SUDOKU PRACTICE AT
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 [sudoku-printout.com](https://www.sudoku-printout.com).

X-CYCLE PRACTICE SUDOKU [VOL.5]

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#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

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#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

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#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 (Bivalve 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

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#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

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#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)

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#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