

Printable PDF Booklet

# X-Cycle Practice Sudoku

6 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**

6 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.*

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## 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.3]

6 Puzzles Per Page | 24 Puzzles | [sudokuprintout.com](http://sudokuprintout.com)

#1 (ID: #410946)

SCORE: 489

STEPS: 77

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Hidden Triples, 2-String Kite, Skyscraper, Turbot Fish, XY-Chain, X-Cycle, Chute Remote Pairs, Unique Rectangle Type 4

#2 (ID: #451801)

SCORE: 344

STEPS: 73

Level 9

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

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

#3 (ID: #463265)

SCORE: 544

STEPS: 85

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, X-Wing, WXYZ-Wing, VWXYZ-Wing, 2-String Kite, Turbot Fish, Grouped Turbot Crane, XY-Chain, X-Cycle, Chute Remote Pairs, Unique Rectangle Type 4

#4 (ID: #465095)

SCORE: 730

STEPS: 94

Level 9

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

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

#5 (ID: #484847)

SCORE: 574

STEPS: 83

Level 9

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

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

#6 (ID: #524983)

SCORE: 331

STEPS: 68

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, WXYZ-Wing, Skyscraper, Turbot Fish, 3 Strong Links, Grouped Turbot Crane, XY-Chain, X-Cycle

# X-CYCLE PRACTICE SUDOKU [VOL.3]

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#7 (ID: #524990)

SCORE: 332

STEPS: 69

Level 9

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

Techs: Naked Single, Hidden Single, Pointing, WXYZ-Wing, Skyscraper, Turbot Fish, 3 Strong Links, Grouped Turbot Crane, XY-Chain, X-Cycle

#8 (ID: #524997)

SCORE: 421

STEPS: 75

Level 9

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

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

#9 (ID: #540040)

SCORE: 267

STEPS: 66

Level 9

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

Techs: Naked Single, Hidden Single, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, WXYZ-Wing, Skyscraper, X-Cycle, BUG (Bivalve Universal Grave)

#10 (ID: #540041)

SCORE: 267

STEPS: 66

Level 9

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

Techs: Naked Single, Hidden Single, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, WXYZ-Wing, Skyscraper, X-Cycle, BUG (Bivalve Universal Grave)

#11 (ID: #540057)

SCORE: 267

STEPS: 66

Level 9

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

Techs: Naked Single, Hidden Single, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, WXYZ-Wing, Skyscraper, X-Cycle, BUG (Bivalve Universal Grave)

#12 (ID: #15404)

SCORE: 692

STEPS: 85

Level 10

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

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

# X-CYCLE PRACTICE SUDOKU [VOL.3]

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#13 (ID: #21926)

SCORE: 747

STEPS: 89

Level 10

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

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

#14 (ID: #31084)

SCORE: 656

STEPS: 86

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, WXYZ-Wing, 2-String Kite, 4 Strong Links, Grouped Skyscraper, X-Cycle, Unique Rectangle Type 1, Unique Rectangle Type 2

#15 (ID: #32244)

SCORE: 620

STEPS: 79

Level 10

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

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

#16 (ID: #45650)

SCORE: 223

STEPS: 64

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, Turbot Fish, X-Cycle, Chute Remote Pairs

#17 (ID: #45960)

SCORE: 610

STEPS: 84

Level 10

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

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

#18 (ID: #49217)

SCORE: 415

STEPS: 73

Level 10

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, VWXYZ-Wing, 2-String Kite, Skyscraper, Grouped 2-String Kite, X-Cycle, Chute Remote Pairs, Unique Rectangle Type 4

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#19 (ID: #54840)

SCORE: 389

STEPS: 70

Level 10

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

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

#20 (ID: #55147)

SCORE: 420

STEPS: 74

Level 10

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

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

#21 (ID: #57045)

SCORE: 860

STEPS: 93

Level 10

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

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

#22 (ID: #60930)

SCORE: 559

STEPS: 80

Level 10

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

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

#23 (ID: #64184)

SCORE: 607

STEPS: 83

Level 10

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

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

#24 (ID: #64313)

SCORE: 298

STEPS: 70

Level 10

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

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