

Printable PDF Booklet

X-Cycle Practice Sudoku

6 Puzzles Per Page | 18 Puzzles | With Answers

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

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 [sudoku-printout.com](https://www.sudoku-printout.com).

X-CYCLE PRACTICE SUDOKU [VOL.7]

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#1 (ID: #382340)

SCORE: 470

STEPS: 81

Level 10

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

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

#2 (ID: #382356)

SCORE: 471

STEPS: 82

Level 10

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

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

#3 (ID: #382357)

SCORE: 471

STEPS: 82

Level 10

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

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

#4 (ID: #382358)

SCORE: 471

STEPS: 82

Level 10

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

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

#5 (ID: #382370)

SCORE: 472

STEPS: 83

Level 10

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

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

#6 (ID: #382371)

SCORE: 472

STEPS: 83

Level 10

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

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

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#7 (ID: #401011)

SCORE: 908

STEPS: 100

Level 10

5			8	2			
		9				8	
	4		9			6	3
2				3			1
			5				
		8				3	4
	3			4	9		
		7		9		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, Unique Rectangle Type 1

#8 (ID: #428348)

SCORE: 700

STEPS: 92

Level 10

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

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

#9 (ID: #428398)

SCORE: 1058

STEPS: 100

Level 10

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

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

#10 (ID: #507816)

SCORE: 1158

STEPS: 108

Level 10

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

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

#11 (ID: #507817)

SCORE: 1033

STEPS: 102

Level 10

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

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

#12 (ID: #507967)

SCORE: 1159

STEPS: 109

Level 10

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

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

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#13 (ID: #514098)

SCORE: 932

STEPS: 102

Level 10

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

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

#14 (ID: #528065)

SCORE: 661

STEPS: 89

Level 10

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

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

#15 (ID: #528074)

SCORE: 662

STEPS: 90

Level 10

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

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

#16 (ID: #554233)

SCORE: 561

STEPS: 82

Level 10

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

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

#17 (ID: #554243)

SCORE: 561

STEPS: 82

Level 10

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

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

#18 (ID: #554263)

SCORE: 562

STEPS: 83

Level 10

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

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

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#1 (ID: #382340)

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

#2 (ID: #382356)

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

#3 (ID: #382357)

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

#4 (ID: #382358)

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

#5 (ID: #382370)

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

#6 (ID: #382371)

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

#7 (ID: #401011)

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

#8 (ID: #428348)

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

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#9 (ID: #428398)

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

#10 (ID: #507816)

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

#11 (ID: #507817)

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

#12 (ID: #507967)

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

#13 (ID: #514098)

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

#14 (ID: #528065)

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

#15 (ID: #528074)

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

#16 (ID: #554233)

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

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#17 (ID: #554243)

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

#18 (ID: #554263)

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