

EXPLORE BALANCED 4-PER-PAGE SUDOKU AT  
SUDOKUPRINTOUT.COM

Printable PDF Booklet

# XYZ-Wing Practice Sudoku

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

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

## DIFFICULTY

Custom / Custom

## LAYOUT

4 Puzzles Per Page

## TECHNIQUE

XYZ-Wing

## CANDIDATES

Included

## ANSWER KEY

Included at the end

## 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).

# XYZ-WING PRACTICE SUDOKU [VOL.9]

4 Puzzles Per Page | 24 Puzzles | With Answers | With Candidates | [sudokuprintout.com](http://sudokuprintout.com)

#1 (ID: #33767)

SCORE: 136

STEPS: 62

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, XY-Wing, XYZ-Wing

#2 (ID: #33524)

SCORE: 148

STEPS: 62

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, XY-Wing, XYZ-Wing, Chute Remote Pairs

#3 (ID: #88010)

SCORE: 289

STEPS: 73

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, XYZ-Wing, Skyscraper, Unique Rectangle Type 1, Unique Rectangle Type 4

#4 (ID: #35059)

SCORE: 171

STEPS: 64

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, XYZ-Wing, Unique Rectangle Type 4

# XYZ-WING PRACTICE SUDOKU [VOL.9]

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#5 (ID: #86413)

SCORE: 264

STEPS: 69

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, XY-Wing, XYZ-Wing, 3 Strong Links, Grouped Turbot Crane, Unique Rectangle Type 4

#6 (ID: #105524)

SCORE: 265

STEPS: 70

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, XYZ-Wing, 2-String Kite

#7 (ID: #85589)

SCORE: 194

STEPS: 65

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, XYZ-Wing, 2-String Kite, 3 Strong Links, Unique Rectangle Type 3

#8 (ID: #36471)

SCORE: 163

STEPS: 63

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, XYZ-Wing

💡 Stuck? Enter the Puzzle ID at [sodukupuzzle.org](http://sodukupuzzle.org) for step-by-step logical hints.

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#9 (ID: #105700)

SCORE: 115

STEPS: 60

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, XYZ-Wing

#10 (ID: #87735)

SCORE: 176

STEPS: 64

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Pairs, XY-Wing, XYZ-Wing, Unique Rectangle Type 1

#11 (ID: #87403)

SCORE: 359

STEPS: 74

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, Skyscraper, Grouped 2-String Kite, Grouped Turbot Crane, Unique Rectangle Type 4

#12 (ID: #20553)

SCORE: 147

STEPS: 64

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, XYZ-Wing, Unique Rectangle Type 2

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#13 (ID: #37875)

SCORE: 225

STEPS: 65

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, XY-Wing, XYZ-Wing, 2-String Kite, Unique Rectangle Type 1

#14 (ID: #38600)

SCORE: 172

STEPS: 65

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, XYZ-Wing, 2-String Kite

#15 (ID: #38254)

SCORE: 156

STEPS: 63

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, XY-Wing, XYZ-Wing, WXYZ-Wing

#16 (ID: #97166)

SCORE: 131

STEPS: 62

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Triples, XYZ-Wing

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#17 (ID: #76400)

SCORE: 165

STEPS: 65

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, XY-Wing, XYZ-Wing

#18 (ID: #71307)

SCORE: 168

STEPS: 63

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, XYZ-Wing, 2-String Kite, Unique Rectangle Type 2

#19 (ID: #65790)

SCORE: 164

STEPS: 64

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, XYZ-Wing, Turbot Fish

#20 (ID: #98067)

SCORE: 304

STEPS: 74

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, XYZ-Wing, Skyscraper, Unique Rectangle Type 1

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#21 (ID: #65875)

SCORE: 141

STEPS: 62

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Swordfish, XYZ-Wing

#22 (ID: #65603)

SCORE: 212

STEPS: 67

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, Naked Triples, XY-Wing, XYZ-Wing, Unique Rectangle Type 3

#23 (ID: #29568)

SCORE: 123

STEPS: 61

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, XYZ-Wing, Unique Rectangle Type 3

#24 (ID: #15920)

SCORE: 213

STEPS: 65

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, XY-Wing, XYZ-Wing, 4 Strong Links, Grouped Skyscraper, Chute Remote Pairs

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#1 (ID: #33767)

SCORE: 136

STEPS: 62

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, XY-Wing, XYZ-Wing

#2 (ID: #33524)

SCORE: 148

STEPS: 62

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, XY-Wing, XYZ-Wing, Chute Remote Pairs

#3 (ID: #88010)

SCORE: 289

STEPS: 73

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, XYZ-Wing, Skyscraper, Unique Rectangle Type 1, Unique Rectangle Type 4

#4 (ID: #35059)

SCORE: 171

STEPS: 64

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, XYZ-Wing, Unique Rectangle Type 4

# XYZ-WING PRACTICE SUDOKU [VOL.9]

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#5 (ID: #86413)

SCORE: 264

STEPS: 69

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, XY-Wing, XYZ-Wing, 3 Strong Links, Grouped Turbot Crane, Unique Rectangle Type 4

#6 (ID: #105524)

SCORE: 265

STEPS: 70

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XY-Wing, XYZ-Wing, 2-String Kite

#7 (ID: #85589)

SCORE: 194

STEPS: 65

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, XYZ-Wing, 2-String Kite, 3 Strong Links, Unique Rectangle Type 3

#8 (ID: #36471)

SCORE: 163

STEPS: 63

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, XYZ-Wing

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#9 (ID: #105700)

SCORE: 115

STEPS: 60

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, XYZ-Wing

#10 (ID: #87735)

SCORE: 176

STEPS: 64

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Pairs, XY-Wing, XYZ-Wing, Unique Rectangle Type 1

#11 (ID: #87403)

SCORE: 359

STEPS: 74

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, XYZ-Wing, Skyscraper, Grouped 2-String Kite, Grouped Turbot Crane, Unique Rectangle Type 4

#12 (ID: #20553)

SCORE: 147

STEPS: 64

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, XYZ-Wing, Unique Rectangle Type 2

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#13 (ID: #37875)

SCORE: 225

STEPS: 65

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, XY-Wing, XYZ-Wing, 2-String Kite, Unique Rectangle Type 1

#14 (ID: #38600)

SCORE: 172

STEPS: 65

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, XYZ-Wing, 2-String Kite

#15 (ID: #38254)

SCORE: 156

STEPS: 63

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, XY-Wing, XYZ-Wing, WXYZ-Wing

#16 (ID: #97166)

SCORE: 131

STEPS: 62

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Triples, XYZ-Wing

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#17 (ID: #76400)

SCORE: 165

STEPS: 65

Level 7

1	8 9	<b>4</b>	1 2 7 8 9	2 3 7 8	1 2 3 8	1 3 7 8	3 6	1 3 8 9	5 8 9	
1	8	1	8	<b>5</b>	4 8	<b>6</b>	<b>9</b>	1 3 8	<b>2</b>	<b>7</b>
1	6 8 9	1 2 7 8	6 <b>3</b>	1 2 8	<b>5</b>	1 2 7 8	1 4 7 8	1 8 9	4 8 9	1 8 9
<b>7</b>	1 2 3 5 8	1 2 4 8	2 3 8 9	1 2 3 8 9	1 2 3 4 5 8	1 3 4 5 8	1 2 3 8 9	<b>6</b>	1 2 3 8 9	
1 3 4 5 6 8	<b>9</b>	1 2 4 6	2 3 4 8	1 2 3 8	1 3 4 5 6 8	1 2 3 7 8	3 7 8	1 2 3 8		
1 3 6 8	1 2 3 8	1 2 6 8	2 3 8 9	<b>7</b>	1 3 6 8	<b>4</b>	<b>5</b>	1 2 3 8 9		
5 8 9	3 7 8	5 7 8 9		<b>6</b>	3 8 9	3 7 8	2 3 5 7 8 9	<b>1</b>	<b>4</b>	
5 6 8 9	3 7 8	5 6 7 8 9		<b>1</b>	4 7 8 9	<b>2</b>	5 7 8 9	3 7 8 9	3 5 6 8 9	
<b>2</b>	1 3 7 8	1 6 4 7 8 9	3 6 4 7 8 9		<b>5</b>	3 7 8	3 7 8 9	3 7 8 9	3 6 8 9	

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, XY-Wing, XYZ-Wing

#18 (ID: #71307)

SCORE: 168

STEPS: 63

Level 7

<b>2</b>	1 3 7 9	5 6 7	1 3 7	3 6	<b>4</b>	5 7	3 5 7 8	1 3 7	6 5 6 7 8	<b>9</b>
1 5 6 7	1 4 5 6 7 9	1 4 5 6 7 9	1 4 6 7 9	<b>2</b>	5 7	5 7 8	1 5 7 8	4 6 7	4 5 6 7 8	<b>3</b>
5 7	4 5 7	3 8	5 7	<b>6</b>	<b>9</b>	2 4 5 7	1 4 5 7	<b>1</b>	2 4 5 7	
<b>4</b>	5 7 9	7 9	7 9	5 7 8 9	<b>1</b>	<b>6</b>	2 3 7	2 3 5 7	2 5 7	
<b>8</b>	1 5 6 7	1 7	6 7	5 7	2 3 4 5 7	2 3 5 7	1 2 3 4 6 7	<b>9</b>	1 2 4 5 6 7	
<b>3</b>	1 5 6 7	2 7 9	5 7 9	4 5 7 9	5 7	5 7	<b>8</b>	4 5 6 7	1 4 5 6 7	
1 6 7 9	<b>2</b>	1 3 4 6 7 9	5 6 7 9	<b>8</b>	5 7	1 3 4 6 7 9	3 4 6 7 9	1 4 6 7 9	1 4 6 7 9	
6 4 7 9	3 7 8 9	6 7 8 9	<b>5</b>	<b>1</b>	2 7 9	2 7	2 3 4 6 7 8 9	2 3 4 6 7 8	2 4 6 7 8	
1 6 7 9	1 7 8 9	1 6 7 9	1 6 7 9	<b>3</b>	2 7 9	<b>4</b>	<b>5</b>	2 7 8	1 2 6 7 8	

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, XYZ-Wing, 2-String Kite, Unique Rectangle Type 2

#19 (ID: #65790)

SCORE: 164

STEPS: 64

Level 7

2 5 8	<b>7</b>	2 3 6 8 9	<b>4</b>	2 8	1 2 6 5 8	1 2 3 5 6	1 2 3 5 6	1 2 3 5 6	
2 5	2 3 5 6	2 3 6	<b>9</b>	2 7	1 2 6 5 7	<b>4</b>	<b>8</b>	1 2 3 5 6 7	
<b>1</b>	2 4 5 6 8	2 4 6 8	2 5 6 7	<b>3</b>	2 5 6 7 8	2 5 6 7	2 5 6 7	<b>9</b>	
<b>9</b>	2 3 5 6 8	2 3 6 8	<b>1</b>	<b>4</b>	2 3 6 8	<b>7</b>	2 3 5 6	2 3 5 6	
2 4 5 7 8	1 2 3 4 5 6 7 8	2 3 4 6 7 8	2 3 6 7	2 7 8 9	2 3 6 7 8 9	1 2 3 5 6 8	1 2 3 8 9	1 2 3 4 5 6	
2 4 7 8	1 2 3 4 6 7 8	2 3 4 6 7 8	2 3 6 7	<b>5</b>	2 3 6 4 7 8 9	1 2 3 6 4 8 9	1 2 3 9	1 2 3 4 6	
<b>3</b>	2 4	<b>1</b>	2 5 6 7	2 6 7 9	2 4 5 6 7 9	2 4 7	2 4 7	<b>8</b>	
2 4 7 8	2 4 8	<b>5</b>	2 3 7	<b>1</b>	2 3 4 7	<b>9</b>	<b>6</b>	2 3 4 7	
<b>6</b>	<b>9</b>	2 4 7	<b>8</b>	2 7	2 3 4 7	1 2 3 5	1 2 3 5	1 2 3 4 6 7 8	

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, XYZ-Wing, Turbot Fish

#20 (ID: #98067)

SCORE: 304

STEPS: 74

Level 7

1 8 9	<b>6</b>	<b>2</b>	4 5 7 8 9	5 8 9	4 8	1 3 4 5 8 9	1 4 5 8 9	<b>3</b>	
8 9	<b>7</b>	3 8 9	<b>1</b>	5 8 9	4 6 8	2 4 5 6 8 9	2 4 5 8 9	2 6	
<b>4</b>	<b>5</b>	1 8 9	<b>3</b>	2 8 9	2 6 8	1 2 6 7 8 9	<b>7</b>	1 2 6	
<b>3</b>	<b>1</b>	7 8 9	2 8 9	<b>4</b>	2 8	2 7 8	<b>6</b>	2 7 8	
2 5 6 8	4 8	4 6 8	4 6 8	6 8	<b>7</b>	1 2 3 6 8	1 2 3 5 8	1 2 3 8 9	<b>9</b>
2 7 8 9	6 8 9	6 7 8 9	2 8 9	1 3 6 8 9	2 8 9	1 3 5 8 9	1 2 3 7 8	1 2 3 8	<b>4</b>
1 8 9	4 8 9	3 8 9	<b>5</b>	4 8	<b>6</b>	<b>7</b>	1 2 3 4 8 9	1 2 3 8 9	1 2 8
1 7 8	6 4 8	3 7 8	1 3 4 7 8	3 4 8	<b>2</b>	<b>9</b>	1 3 4 6 8	1 3 4 8	<b>5</b>
1 7 8 9	6 7 8 9	<b>2</b>	1 3 4 7 8 9	3 4 5 8	1 3 5 8	1 3 4 8	1 3 4 6 8	1 3 8 9	1 6 7 8

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, X-Wing, XYZ-Wing, Skyscraper, Unique Rectangle Type 1

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#21 (ID: #65875)

SCORE: 141

STEPS: 62

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Swordfish, XYZ-Wing

#22 (ID: #65603)

SCORE: 212

STEPS: 67

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Hidden Pairs, Naked Triples, XY-Wing, XYZ-Wing, Unique Rectangle Type 3

#23 (ID: #29568)

SCORE: 123

STEPS: 61

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, XYZ-Wing, Unique Rectangle Type 3

#24 (ID: #15920)

SCORE: 213

STEPS: 65

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, XY-Wing, XYZ-Wing, 4 Strong Links, Grouped Skyscraper, Chute Remote Pairs

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#1 (ID: #33767)

8	7	1	<b>3</b>	4	2	6	<b>5</b>	<b>9</b>
<b>5</b>	6	4	8	9	7	3	<b>1</b>	2
9	<b>2</b>	3	5	1	6	<b>8</b>	4	<b>7</b>
1	<b>9</b>	<b>8</b>	4	<b>2</b>	3	5	7	6
<b>3</b>	5	6	1	7	8	9	2	4
2	4	7	9	<b>6</b>	5	<b>1</b>	<b>3</b>	<b>8</b>
<b>7</b>	1	2	<b>6</b>	<b>5</b>	9	4	8	3
6	<b>8</b>	<b>5</b>	7	3	4	<b>2</b>	9	1
4	3	9	2	8	<b>1</b>	7	<b>6</b>	5

#2 (ID: #33524)

4	3	<b>2</b>	5	<b>7</b>	6	8	<b>1</b>	9
<b>9</b>	<b>8</b>	7	1	<b>2</b>	<b>3</b>	6	4	5
1	<b>6</b>	<b>5</b>	9	8	4	7	2	3
3	2	6	<b>7</b>	5	<b>8</b>	1	9	4
5	<b>9</b>	1	4	6	2	<b>3</b>	7	8
8	7	4	3	<b>9</b>	1	<b>2</b>	<b>5</b>	<b>6</b>
<b>7</b>	4	8	6	1	<b>9</b>	<b>5</b>	3	<b>2</b>
6	5	<b>3</b>	2	4	7	9	8	<b>1</b>
2	1	9	8	3	5	4	<b>6</b>	7

#3 (ID: #88010)

<b>5</b>	9	<b>7</b>	3	4	1	8	<b>6</b>	2
1	4	2	7	6	<b>8</b>	<b>3</b>	9	5
3	8	6	9	<b>5</b>	2	7	4	<b>1</b>
6	7	5	8	3	4	<b>1</b>	2	<b>9</b>
<b>9</b>	2	<b>8</b>	5	1	6	4	3	7
4	<b>3</b>	1	<b>2</b>	9	<b>7</b>	<b>5</b>	8	6
7	5	<b>3</b>	<b>6</b>	8	9	2	1	4
8	1	9	4	2	5	6	<b>7</b>	3
<b>2</b>	6	4	<b>1</b>	<b>7</b>	3	<b>9</b>	<b>5</b>	8

#4 (ID: #35059)

<b>5</b>	<b>4</b>	8	2	1	3	9	7	6
9	3	6	7	5	4	8	<b>2</b>	1
1	2	<b>7</b>	<b>8</b>	<b>9</b>	6	4	5	<b>3</b>
6	7	1	9	8	2	5	3	4
2	8	4	<b>6</b>	<b>3</b>	<b>5</b>	7	1	9
3	5	9	<b>4</b>	7	<b>1</b>	6	<b>8</b>	2
4	6	<b>5</b>	<b>1</b>	2	<b>8</b>	3	<b>9</b>	7
<b>8</b>	9	2	3	6	7	<b>1</b>	<b>4</b>	5
<b>7</b>	1	<b>3</b>	<b>5</b>	4	9	2	6	<b>8</b>

#5 (ID: #86413)

2	5	<b>7</b>	8	<b>4</b>	1	9	<b>6</b>	3
3	4	<b>1</b>	6	9	7	8	2	<b>5</b>
6	8	9	<b>3</b>	<b>5</b>	2	7	<b>1</b>	<b>4</b>
<b>4</b>	7	3	5	2	6	1	8	<b>9</b>
8	9	<b>6</b>	4	<b>1</b>	<b>3</b>	5	<b>7</b>	2
5	1	<b>2</b>	9	<b>7</b>	8	3	<b>4</b>	6
7	3	<b>4</b>	1	<b>6</b>	<b>5</b>	2	9	8
9	2	5	7	8	4	6	3	1
<b>1</b>	6	8	2	<b>3</b>	<b>9</b>	4	5	7

#6 (ID: #105524)

9	2	1	7	4	6	8	5	3
<b>6</b>	3	<b>7</b>	<b>5</b>	<b>8</b>	<b>2</b>	9	1	<b>4</b>
8	<b>4</b>	5	<b>3</b>	1	9	2	7	6
4	1	3	8	<b>2</b>	<b>7</b>	6	<b>9</b>	5
<b>2</b>	8	9	4	6	5	7	<b>3</b>	1
<b>5</b>	7	6	9	3	1	4	<b>2</b>	8
1	<b>9</b>	2	<b>6</b>	5	8	<b>3</b>	<b>4</b>	7
<b>7</b>	<b>6</b>	4	1	<b>9</b>	3	<b>5</b>	8	2
3	5	8	2	7	<b>4</b>	1	6	9

#7 (ID: #85589)

<b>4</b>	8	1	6	2	3	7	<b>9</b>	5
3	5	7	9	4	1	<b>2</b>	<b>8</b>	6
<b>9</b>	2	<b>6</b>	8	7	<b>5</b>	<b>4</b>	3	1
7	1	4	<b>3</b>	<b>8</b>	6	5	<b>2</b>	9
6	3	5	4	<b>9</b>	2	1	7	8
8	9	2	<b>5</b>	1	<b>7</b>	3	6	4
1	6	<b>8</b>	<b>7</b>	3	<b>4</b>	9	5	2
<b>5</b>	<b>4</b>	3	2	<b>6</b>	<b>9</b>	8	1	<b>7</b>
2	7	9	1	5	8	6	4	<b>3</b>

#8 (ID: #36471)

8	6	7	<b>3</b>	5	<b>2</b>	1	9	<b>4</b>
<b>2</b>	5	1	<b>4</b>	9	8	<b>7</b>	3	<b>6</b>
9	4	3	1	6	7	8	2	5
<b>3</b>	8	6	9	2	5	<b>4</b>	1	<b>7</b>
4	2	5	7	<b>1</b>	3	6	8	9
1	7	<b>9</b>	<b>6</b>	<b>8</b>	4	3	5	<b>2</b>
<b>7</b>	3	8	5	4	<b>9</b>	<b>2</b>	6	1
5	<b>1</b>	2	8	<b>7</b>	6	<b>9</b>	4	3
<b>6</b>	9	4	2	<b>3</b>	1	5	7	<b>8</b>

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#9 (ID: #105700)

7	5	9	<b>4</b>	3	2	1	<b>8</b>	<b>6</b>
8	3	1	7	6	<b>9</b>	<b>4</b>	5	2
2	4	<b>6</b>	1	8	<b>5</b>	7	<b>9</b>	3
6	7	3	9	2	<b>4</b>	<b>5</b>	1	8
<b>4</b>	9	<b>8</b>	<b>3</b>	5	1	6	<b>2</b>	7
1	2	<b>5</b>	6	<b>7</b>	8	9	3	4
5	1	<b>7</b>	<b>8</b>	4	3	<b>2</b>	6	<b>9</b>
<b>3</b>	6	2	5	9	7	8	4	1
9	8	4	<b>2</b>	1	<b>6</b>	<b>3</b>	7	5

#10 (ID: #87735)

<b>5</b>	3	8	<b>1</b>	2	<b>4</b>	7	9	6
<b>4</b>	9	2	6	7	8	5	<b>3</b>	1
1	<b>6</b>	<b>7</b>	9	3	<b>5</b>	2	<b>8</b>	4
9	<b>1</b>	6	2	5	7	8	4	3
2	5	3	4	8	1	9	<b>6</b>	7
<b>7</b>	8	4	<b>3</b>	6	<b>9</b>	1	2	<b>5</b>
<b>6</b>	2	<b>9</b>	5	1	3	<b>4</b>	7	8
8	<b>4</b>	5	<b>7</b>	9	6	3	<b>1</b>	2
<b>3</b>	7	1	<b>8</b>	4	2	<b>6</b>	5	9

#11 (ID: #87403)

<b>2</b>	<b>8</b>	6	9	7	1	<b>3</b>	4	5
1	3	<b>7</b>	2	5	<b>4</b>	9	6	8
<b>9</b>	4	<b>5</b>	3	6	8	<b>2</b>	7	1
8	<b>9</b>	2	7	1	<b>3</b>	4	5	6
4	7	3	<b>5</b>	<b>8</b>	6	1	2	9
5	6	1	4	<b>2</b>	9	<b>7</b>	<b>8</b>	3
6	2	<b>8</b>	1	3	<b>7</b>	<b>5</b>	9	4
7	1	9	6	<b>4</b>	5	8	3	2
3	<b>5</b>	<b>4</b>	<b>8</b>	<b>9</b>	2	6	<b>1</b>	7

#12 (ID: #20553)

<b>5</b>	8	4	<b>6</b>	9	7	1	3	2
<b>1</b>	3	9	<b>5</b>	<b>4</b>	<b>2</b>	7	<b>8</b>	<b>6</b>
<b>7</b>	2	6	1	<b>8</b>	3	<b>4</b>	5	9
3	1	5	4	6	8	9	<b>2</b>	7
9	4	<b>8</b>	2	<b>7</b>	1	5	6	3
2	6	7	<b>9</b>	3	5	<b>8</b>	<b>1</b>	4
<b>6</b>	7	3	8	5	9	<b>2</b>	4	1
4	<b>5</b>	2	7	<b>1</b>	6	3	<b>9</b>	8
8	9	1	3	2	<b>4</b>	<b>6</b>	7	5

#13 (ID: #37875)

1	8	6	7	<b>4</b>	5	<b>9</b>	<b>2</b>	3
4	2	<b>9</b>	<b>6</b>	8	<b>3</b>	<b>1</b>	<b>7</b>	5
3	<b>7</b>	5	1	2	9	6	8	4
9	<b>1</b>	4	5	6	<b>7</b>	<b>2</b>	3	8
2	6	7	8	3	1	4	5	9
8	5	<b>3</b>	4	9	<b>2</b>	7	<b>1</b>	<b>6</b>
5	<b>4</b>	2	<b>3</b>	7	<b>6</b>	8	9	1
<b>6</b>	9	<b>1</b>	2	<b>5</b>	8	3	4	7
<b>7</b>	3	8	9	1	4	<b>5</b>	6	2

#14 (ID: #38600)

3	4	1	9	<b>5</b>	2	<b>6</b>	7	8
<b>6</b>	5	2	1	8	<b>7</b>	<b>9</b>	4	<b>3</b>
9	8	<b>7</b>	4	6	3	1	5	<b>2</b>
7	6	3	<b>5</b>	4	<b>1</b>	8	2	9
5	<b>2</b>	9	6	7	8	3	1	<b>4</b>
8	1	<b>4</b>	3	2	<b>9</b>	<b>7</b>	6	5
2	<b>3</b>	8	7	<b>1</b>	4	5	9	<b>6</b>
4	7	6	8	9	5	<b>2</b>	3	<b>1</b>
1	<b>9</b>	<b>5</b>	2	<b>3</b>	6	4	8	<b>7</b>

#15 (ID: #38254)

7	9	<b>4</b>	3	5	<b>1</b>	2	<b>6</b>	<b>8</b>
6	3	<b>2</b>	7	8	<b>9</b>	<b>5</b>	<b>1</b>	4
1	8	<b>5</b>	4	6	2	9	7	3
<b>2</b>	4	8	<b>5</b>	9	7	6	3	1
<b>9</b>	<b>7</b>	3	1	<b>2</b>	6	8	4	5
5	1	6	8	3	4	7	2	<b>9</b>
3	<b>6</b>	<b>9</b>	2	4	5	<b>1</b>	8	7
4	2	7	9	1	<b>8</b>	3	5	<b>6</b>
8	<b>5</b>	<b>1</b>	6	<b>7</b>	3	<b>4</b>	9	2

#16 (ID: #97166)

2	6	<b>9</b>	7	<b>8</b>	<b>3</b>	<b>1</b>	4	5
<b>8</b>	4	<b>3</b>	1	<b>2</b>	5	7	<b>6</b>	9
7	<b>5</b>	<b>1</b>	<b>4</b>	6	9	8	2	3
<b>6</b>	3	2	9	4	8	<b>5</b>	1	7
1	8	4	3	5	7	2	9	6
9	7	5	<b>2</b>	<b>1</b>	6	3	8	4
5	1	<b>6</b>	8	7	<b>4</b>	<b>9</b>	3	<b>2</b>
3	2	7	6	9	1	<b>4</b>	<b>5</b>	8
4	9	<b>8</b>	5	<b>3</b>	2	6	7	<b>1</b>

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#17 (ID: #76400)

9	<b>4</b>	2	7	3	1	<b>6</b>	8	5
1	8	<b>5</b>	4	<b>6</b>	<b>9</b>	3	<b>2</b>	<b>7</b>
6	7	<b>3</b>	<b>5</b>	2	8	9	4	1
<b>7</b>	5	8	3	9	4	1	<b>6</b>	2
4	<b>9</b>	6	2	1	5	7	3	8
3	2	1	8	<b>7</b>	6	<b>4</b>	<b>5</b>	9
5	3	9	<b>6</b>	8	7	2	<b>1</b>	<b>4</b>
8	6	7	<b>1</b>	<b>4</b>	<b>2</b>	5	9	3
<b>2</b>	1	4	9	<b>5</b>	3	8	7	6

#18 (ID: #71307)

<b>2</b>	6	1	<b>4</b>	3	8	7	5	<b>9</b>
7	9	4	<b>2</b>	5	1	6	8	<b>3</b>
5	3	<b>8</b>	7	<b>6</b>	<b>9</b>	2	<b>1</b>	4
<b>4</b>	5	9	8	<b>1</b>	<b>6</b>	3	7	2
<b>8</b>	7	6	5	2	3	4	<b>9</b>	1
<b>3</b>	1	<b>2</b>	9	4	7	<b>8</b>	6	5
9	<b>2</b>	3	6	<b>8</b>	5	1	4	7
6	4	<b>5</b>	<b>1</b>	7	2	9	3	8
1	8	7	<b>3</b>	9	<b>4</b>	<b>5</b>	2	6

#19 (ID: #65790)

8	<b>7</b>	9	<b>4</b>	2	5	6	1	3
5	2	3	<b>9</b>	6	1	<b>4</b>	<b>8</b>	7
<b>1</b>	6	4	7	<b>3</b>	8	5	2	<b>9</b>
<b>9</b>	5	8	<b>1</b>	<b>4</b>	2	<b>7</b>	3	6
2	3	7	6	8	9	1	4	5
4	1	6	3	<b>5</b>	7	8	9	2
<b>3</b>	4	<b>1</b>	5	9	6	2	7	<b>8</b>
7	8	<b>5</b>	2	<b>1</b>	3	<b>9</b>	<b>6</b>	4
<b>6</b>	<b>9</b>	2	<b>8</b>	7	4	3	<b>5</b>	1

#20 (ID: #98067)

1	<b>6</b>	<b>2</b>	7	8	4	9	5	<b>3</b>
9	<b>7</b>	3	<b>1</b>	5	6	4	2	8
<b>4</b>	<b>5</b>	8	<b>3</b>	9	2	1	<b>7</b>	6
<b>3</b>	<b>1</b>	7	9	<b>4</b>	8	5	<b>6</b>	2
5	4	6	2	<b>7</b>	1	3	8	<b>9</b>
2	8	9	6	3	<b>5</b>	7	1	<b>4</b>
8	9	<b>5</b>	4	<b>6</b>	<b>7</b>	2	3	1
7	3	1	8	<b>2</b>	<b>9</b>	6	4	<b>5</b>
6	<b>2</b>	4	5	1	3	8	9	7

#21 (ID: #65875)

9	1	4	<b>2</b>	6	3	5	<b>7</b>	<b>8</b>
7	2	<b>6</b>	<b>5</b>	8	4	<b>1</b>	9	3
<b>5</b>	<b>3</b>	8	7	9	1	2	4	6
<b>8</b>	4	<b>1</b>	<b>9</b>	<b>7</b>	2	<b>3</b>	6	5
3	5	2	<b>1</b>	4	6	<b>7</b>	8	<b>9</b>
<b>6</b>	7	9	3	5	<b>8</b>	4	<b>2</b>	1
4	<b>9</b>	<b>3</b>	6	<b>1</b>	7	8	5	2
1	8	5	4	2	9	6	3	7
<b>2</b>	6	7	<b>8</b>	3	5	9	1	4

#22 (ID: #65603)

7	8	<b>3</b>	<b>5</b>	<b>2</b>	9	1	4	6
<b>1</b>	<b>9</b>	5	6	<b>3</b>	<b>4</b>	2	7	8
<b>4</b>	2	<b>6</b>	8	1	7	5	3	9
3	7	2	9	5	8	6	1	<b>4</b>
6	<b>1</b>	<b>8</b>	<b>3</b>	4	2	9	<b>5</b>	7
5	4	<b>9</b>	7	<b>6</b>	1	<b>8</b>	2	3
<b>8</b>	3	7	<b>1</b>	9	<b>5</b>	<b>4</b>	6	<b>2</b>
2	6	1	4	8	3	7	9	<b>5</b>
<b>9</b>	5	4	2	7	6	3	8	1

#23 (ID: #29568)

6	9	7	<b>1</b>	3	4	2	8	<b>5</b>
<b>2</b>	<b>8</b>	1	5	6	9	3	7	4
5	4	<b>3</b>	2	8	7	<b>6</b>	<b>9</b>	1
<b>9</b>	<b>1</b>	8	3	5	6	7	4	2
4	<b>2</b>	<b>5</b>	9	7	1	8	<b>3</b>	6
3	7	<b>6</b>	8	<b>4</b>	2	<b>5</b>	1	9
7	<b>3</b>	9	6	1	<b>5</b>	<b>4</b>	<b>2</b>	8
<b>8</b>	<b>6</b>	2	4	<b>9</b>	3	1	5	7
1	5	<b>4</b>	7	2	<b>8</b>	9	6	3

#24 (ID: #15920)

1	9	4	<b>3</b>	<b>5</b>	8	7	<b>6</b>	2
<b>2</b>	<b>6</b>	<b>8</b>	7	4	<b>9</b>	3	1	5
3	5	<b>7</b>	1	6	<b>2</b>	9	<b>8</b>	4
6	3	1	<b>4</b>	7	<b>5</b>	2	9	<b>8</b>
4	8	<b>2</b>	9	1	<b>3</b>	5	7	6
5	7	<b>9</b>	2	<b>8</b>	6	<b>4</b>	3	1
9	<b>4</b>	6	5	3	1	8	2	7
8	2	5	<b>6</b>	9	7	1	4	<b>3</b>
7	1	<b>3</b>	8	2	<b>4</b>	6	5	<b>9</b>