

MORE SUDOKU WITH PRE-FILLED CANDIDATES AT
SUDOKUPRINTOUT.COM

Printable PDF Booklet

Grouped Turbot Crane Practice Sudoku

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates

Every puzzle in this booklet is filtered to require Grouped Turbot Crane. It is designed for solvers who want deliberate, targeted practice on paper.

DIFFICULTY

Custom / Custom

LAYOUT

1 Puzzle Per Page

TECHNIQUE

Grouped Turbot Crane

CANDIDATES

Included

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).

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#1 (ID: #154049)

SCORE: 213

STEPS: 69

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Naked Triples, Grouped Turbot Crane

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#2 (ID: #346575)

SCORE: 246

STEPS: 68

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, 2-String Kite, Grouped 2-String Kite, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#3 (ID: #8971)

SCORE: 236

STEPS: 75

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, 2-String Kite, Grouped Turbot Crane

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#4 (ID: #27428)

SCORE: 220

STEPS: 69

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Grouped Turbot Crane, Unique Rectangle Type 2

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#5 (ID: #67791)

SCORE: 162

STEPS: 65

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Grouped Turbot Crane

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#6 (ID: #136324)

SCORE: 129

STEPS: 63

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#7 (ID: #49081)

SCORE: 178

STEPS: 64

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, XY-Wing, Grouped Turbot Crane, Unique Rectangle Type 1

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#8 (ID: #99260)

SCORE: 317

STEPS: 75

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, Naked Triples, XY-Wing, 2-String Kite, Skyscraper, Grouped Turbot Crane

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#9 (ID: #216291)

SCORE: 249

STEPS: 69

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, Naked Triples, Grouped Skyscraper, Grouped Turbot Crane

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#10 (ID: #138768)

SCORE: 146

STEPS: 63

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, 2-String Kite, Grouped Turbot Crane

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#11 (ID: #310203)

SCORE: 268

STEPS: 68

Level 7

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

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

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#12 (ID: #331132)

SCORE: 430

STEPS: 75

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Naked Triples, X-Wing, Skyscraper, Turbot Fish, Grouped Turbot Crane, Unique Rectangle Type 4

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#13 (ID: #189994)

SCORE: 343

STEPS: 75

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, 2-String Kite, Skyscraper, Grouped Turbot Crane, Unique Rectangle Type 1

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#14 (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

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#15 (ID: #137131)

SCORE: 325

STEPS: 70

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Quads, Skyscraper, Turbot Fish, Grouped Turbot Crane, BUG (Bivalve Universal Grave)**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#16 (ID: #103467)

SCORE: 272

STEPS: 70

Level 7

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

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

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#17 (ID: #254320)

SCORE: 133

STEPS: 62

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, Grouped Turbot Crane**

💡 Stuck? Enter the Puzzle ID at sudokupuzzle.org for step-by-step logical hints.

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#18 (ID: #188643)

SCORE: 262

STEPS: 67

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, Naked Triples, 2-String Kite, Turbot Fish, 3 Strong Links, Grouped 2-String Kite, Grouped Turbot Crane

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#19 (ID: #273807)

SCORE: 271

STEPS: 69

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, X-Wing, Turbot Fish, Grouped Turbot Crane

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#20 (ID: #202542)

SCORE: 228

STEPS: 66

Level 7

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

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

💡 Stuck? Enter the Puzzle ID at sudoku puzzle.org for step-by-step logical hints.

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#21 (ID: #216779)

SCORE: 145

STEPS: 62

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Pairs, Grouped Turbot Crane, Unique Rectangle Type 1

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#22 (ID: #206271)

SCORE: 192

STEPS: 66

Level 7

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

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

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#23 (ID: #228415)

SCORE: 283

STEPS: 68

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, 2-String Kite, Skyscraper, Grouped Turbot Crane

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#24 (ID: #293318)

SCORE: 224

STEPS: 67

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, 2-String Kite, Turbot Fish, Grouped Turbot Crane

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#1 (ID: #154049)

SCORE: 213

STEPS: 69

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Naked Triples, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#2 (ID: #346575)

SCORE: 246

STEPS: 68

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, 2-String Kite, Grouped 2-String Kite, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#3 (ID: #8971)

SCORE: 236

STEPS: 75

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, X-Wing, 2-String Kite, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#4 (ID: #27428)

SCORE: 220

STEPS: 69

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Grouped Turbot Crane, Unique Rectangle Type 2**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#5 (ID: #67791)

SCORE: 162

STEPS: 65

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#6 (ID: #136324)

SCORE: 129

STEPS: 63

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#7 (ID: #49081)

SCORE: 178

STEPS: 64

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, XY-Wing, Grouped Turbot Crane, Unique Rectangle Type 1**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#8 (ID: #99260)

SCORE: 317

STEPS: 75

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, Naked Triples, XY-Wing, 2-String Kite, Skyscraper, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#9 (ID: #216291)

SCORE: 249

STEPS: 69

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, Naked Triples, Grouped Skyscraper, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#10 (ID: #138768)

SCORE: 146

STEPS: 63

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, 2-String Kite, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#11 (ID: #310203)

SCORE: 268

STEPS: 68

Level 7

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

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

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#12 (ID: #331132)

SCORE: 430

STEPS: 75

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, Naked Triples, X-Wing, Skyscraper, Turbot Fish, Grouped Turbot Crane, Unique Rectangle Type 4**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#13 (ID: #189994)

SCORE: 343

STEPS: 75

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Triples, 2-String Kite, Skyscraper, Grouped Turbot Crane, Unique Rectangle Type 1**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#14 (ID: #87403)

SCORE: 359

STEPS: 74

Level 7

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

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**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#15 (ID: #137131)

SCORE: 325

STEPS: 70

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, Hidden Pairs, Naked Quads, Skyscraper, Turbot Fish, Grouped Turbot Crane, BUG (Bivalve Universal Grave)**

💡 Stuck? Enter the Puzzle ID at sudoku puzzle.org for step-by-step logical hints.

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

1 Puzzle Per Page | 24 Puzzles | With Answers | With Candidates | sudokuprintout.com

#16 (ID: #103467)

SCORE: 272

STEPS: 70

Level 7

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

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

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#17 (ID: #254320)

SCORE: 133

STEPS: 62

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#18 (ID: #188643)

SCORE: 262

STEPS: 67

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, Naked Triples, 2-String Kite, Turbot Fish, 3 Strong Links, Grouped 2-String Kite, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#19 (ID: #273807)

SCORE: 271

STEPS: 69

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Naked Pairs, Hidden Pairs, X-Wing, Turbot Fish, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#20 (ID: #202542)

SCORE: 228

STEPS: 66

Level 7

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

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

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#21 (ID: #216779)

SCORE: 145

STEPS: 62

Level 7

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

Techs: Naked Single, Hidden Single, Pointing, Hidden Pairs, Grouped Turbot Crane, Unique Rectangle Type 1

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#22 (ID: #206271)

SCORE: 192

STEPS: 66

Level 7

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

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

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#23 (ID: #228415)

SCORE: 283

STEPS: 68

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, 2-String Kite, Skyscraper, Grouped Turbot Crane**

GROUPED TURBOT CRANE PRACTICE SUDOKU [VOL.3]

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#24 (ID: #293318)

SCORE: 224

STEPS: 67

Level 7

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

Techs: **Naked Single, Hidden Single, Pointing, Claiming, Naked Pairs, 2-String Kite, Turbot Fish, Grouped Turbot Crane**

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#1 (ID: #154049)

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

#2 (ID: #346575)

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

#3 (ID: #8971)

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

#4 (ID: #27428)

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

#5 (ID: #67791)

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

#6 (ID: #136324)

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

#7 (ID: #49081)

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

#8 (ID: #99260)

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

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#9 (ID: #216291)

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

#10 (ID: #138768)

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

#11 (ID: #310203)

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

#12 (ID: #331132)

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

#13 (ID: #189994)

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

#14 (ID: #87403)

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

#15 (ID: #137131)

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

#16 (ID: #103467)

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

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#17 (ID: #254320)

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

#18 (ID: #188643)

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

#19 (ID: #273807)

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

#20 (ID: #202542)

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

#21 (ID: #216779)

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

#22 (ID: #206271)

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

#23 (ID: #228415)

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

#24 (ID: #293318)

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