

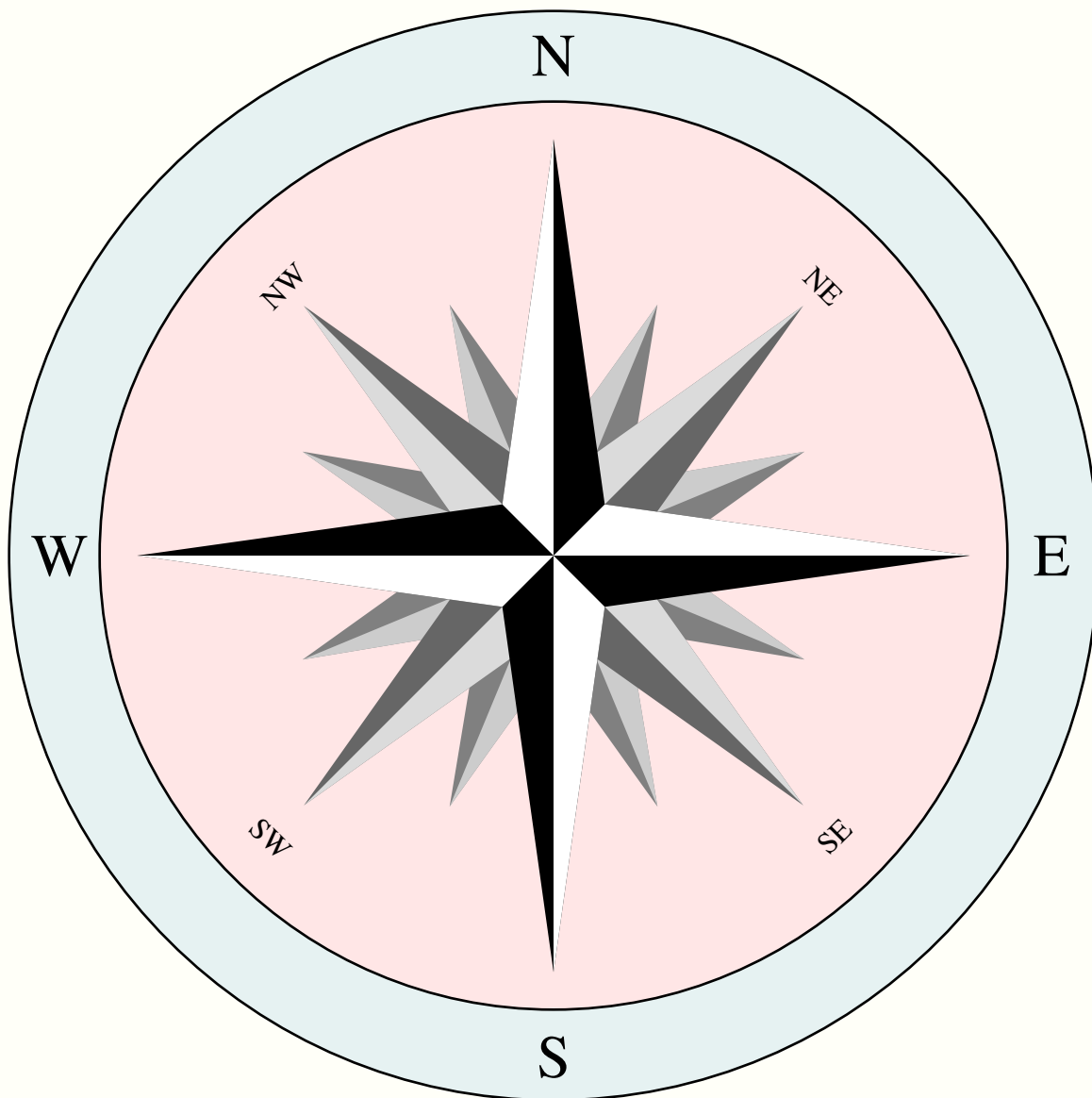
Pasquale's Pre-Penciled Sudoku Grid

Book 22 - October 2025

25 Pre-Penciled Sudokus with solutions.

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Pasquale's Pre-Penciled Sudoku Grid

Book 22 - October 2025

25 Pre-Penciled Sudokus with solutions.

For instructions and more sudokus visit:

<http://www.labrocca.com/sudoku/>

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Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 1

Source: Pasquale

Rating: Simple

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

27/54

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 2

Source: Pasquale

Rating: Simple

1: 1 2 3 4 5 6

2: 1 2 3 4 5 6 7

3: 1 2 3 4 5

4: 1 2 3 4 5 6

5: 1 2 3 4 5 6 7 8 9

6: 1 2 3 4 5

7: 1 2 3 4 5 6

8: 1 2 3 4 5

9: 1 2 3 4 5 6

26/55

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 3

Source: Pasquale

Rating: Simple

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

27/54

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 4

Source: Pasquale

Rating: Simple

1: 1 2 3 4 5

2: 1 2 3 4 5 6

3: 1 2 3 4 5 6

4: 1 2 3 4 5 6 7

5: 1 2 3 4 5 6 7 8 9

6: 1 2 3 4 5

7: 1 2 3 4 5 6

8: 1 2 3 4 5 6 7

9: 1 2 3 4 5 6

24/57

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 5

Source: Pasquale

Rating: Easy

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

25/56

8	³ 7 6	¹ 7 6	³ 4 6 4 9	³ 5	¹ 7 9	^{1 2} 7 6 9	^{1 2} 4 6
¹ 4 6 7	9	2	⁴ 7 8 6 4 7	⁴ 7 8 6	¹ 7 5 8	3	¹ 4 5 6 7 8
⁴ 7 3 6	³ 7 5 6	⁵ 7 6	1	2	⁴ 7 8 6	⁵ 7 8 9	⁴ 7 5 6 8
⁷	1	4	³ 7 5 8	³ 7 5	² 7 8	6	² 7 5 9
⁷	⁶ 7 5 6	⁵ 7 6	⁴ 7 5 6 3 8	¹ 4 5 3 7	9	¹ 7 5 3	^{1 2} 5 3 7 8
⁷	⁶ 7 9	2	³ 7 5 6	¹ 7 5	¹ 7 8 6	¹ 7 5 8	¹ 7 5 8
5	³ 7 8 6	¹ 7 8 6	2	¹ 4 7 9	¹ 4 7	¹ 7 3 9	¹ 7 3 6
¹ 7 6	4	¹ 7 6	⁵ 7 9	8	3	¹ 7 5 6 9	¹ 7 5 6
^{1 2 3} 7	³ 7	9	⁵ 7	6	¹ 7	4	¹ 7 5 3

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 6

Source: Pasquale

Rating: Easy

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

25/56

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 7

Source: Pasquale

Rating: Easy

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

27/54

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 8

Source: Pasquale

Rating: Easy

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

26/55

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 9

Source: Pasquale

Rating: Easy

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

26/55

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 10

Source: Pasquale

Rating: Intermediate

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

23/58

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

Pasquale’s Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 11
Source: Pasquale
Rating: Intermediate

1: 1 2 3 4 5 6 7 8 9

2: 1 2 3 4 5 6

3: 1 2 3 4 5 6

4: 1 2 3 4 5 6

5: 1 2 3 4 5 6

6: 1 2 3 4 5

7: 1 2 3 4 5 6 7

8: 1 2 3 4 5 6 7

9: 1 2 3 4 5 6

23/58

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 12

Source: Pasquale

Rating: Intermediate

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

27/54

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 13

Source: Pasquale

Rating: Intermediate

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

25/56

13 56 789	23 78	123 5 79	123 78	123 8	23 8	4	123 6 789	123 56 7
13 56 78	4	123 5 7	123 78	9	23 8	13 56 8	123 6 78	123 56 7
13 789	23 78	123 79	5	6	23 4 8	13 8	123 789	123 7
2	1	3 5 9	3 6 89	7	3 89	3 6	3 6	4
3 789	3 78	6	123 4 89	123 4 8	5	13 7	123 7	123 7
3 7	3 7	3 4 7	123 4 6	123 4	23 4	9	5	8
13	5	123	23 4 89	23 4 8	6	7	13 4 8	13
4	9	3 7	3 8	3 5 8	1	2	3 6 8	3 56
13	6	8	23 4	23 45	7	13 5	13 4	9

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 14

Source: Pasquale

Rating: Intermediate

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

24/57

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 15

Source: Pasquale

Rating: Intermediate

1: 1 2 3 4 5 6 7

2: 1 2 3 4 5

3: 1 2 3 4 5

4: 1 2 3 4

5: 1 2 3 4 5 6 7

6: 1 2 3 4 5 6 7 8 9

7: 1 2 3 4 5 6 7

8: 1 2 3 4 5 6

9: 1 2 3 4 5 6 7

24/57

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

Pasquale’s Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 16
Source: Pasquale
Rating: Intermediate

- 1: 1 2 3 4 5

2: 1 2 3 4 5 6 7

3: 1 2 3 4 5

4: 1 2 3 4 5 6 7 8 9

5: 1 2 3 4 5 6 7 8

6: 1 2 3 4 5 6

7: 1 2 3 4 5 6 7

8: 1 2 3 4 5 6

9: 1 2 3 4
- 24/57

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 17

Source: Pasquale

Rating: Intermediate

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

24/57

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 18

Source: Pasquale

Rating: Intermediate

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

24/57

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 19

Source: Pasquale

Rating: Intermediate

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

25/56

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 20

Source: Pasquale

Rating: Expert

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

26/55

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 21

Source: Pasquale

Rating: Expert

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

26/55

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 22

Source: Pasquale

Rating: Expert

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

25/56

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 23

Source: Pasquale

Rating: Expert

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

25/56

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

Pasquale’s Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 24
Source: Pasquale
Rating: Expert

1: 1 2 3 4 5 6 7

2: 1 2 3 4 5 6

3: 1 2 3 4

4: 1 2 3 4 5 6 7

5: 1 2 3 4 5 6

6: 1 2 3 4 5 6

7: 1 2 3 4 5 6

8: 1 2 3 4

9: 1 2 3 4 5 6 7 8 9

26/55

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 22 Number 25

Source: Pasquale

Rating: Expert

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

26/55

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



Solutions Book 22



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

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

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

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

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

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

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

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

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

10.
4 8 6 7 5 2 9 1 3
5 3 7 8 9 1 2 6 4
9 1 2 6 4 3 5 8 7
2 5 3 9 6 7 8 4 1
8 6 1 4 3 5 7 2 9
7 4 9 1 2 8 3 5 6
1 9 8 2 7 6 4 3 5
6 7 5 3 8 4 1 9 2
3 2 4 5 1 9 6 7 8

11.
4 6 5 8 3 7 2 1 9
2 9 7 4 1 5 8 6 3
1 3 8 6 9 2 5 7 4
8 7 2 9 6 4 1 3 5
6 4 3 5 8 1 7 9 2
5 1 9 7 2 3 4 8 6
7 2 1 3 4 9 6 5 8
9 5 6 2 7 8 3 4 1
3 8 4 1 5 6 9 2 7

12.
8 4 7 5 6 3 9 1 2
3 5 1 9 4 2 6 7 8
9 6 2 7 8 1 3 4 5
5 3 8 1 9 7 2 6 4
6 7 9 3 2 4 8 5 1
2 1 4 8 5 6 7 3 9
7 2 3 4 1 8 5 9 6
1 9 6 2 7 5 4 8 3
4 8 5 6 3 9 1 2 7

13.
6 7 3 1 2 8 4 9 5
5 4 1 7 9 3 8 6 2
8 2 9 5 6 4 3 7 1
2 1 5 8 7 9 6 3 4
9 8 6 4 3 5 1 2 7
7 3 4 6 1 2 9 5 8
1 5 2 9 8 6 7 4 3
4 9 7 3 5 1 2 8 6
3 6 8 2 4 7 5 1 9

14.
9 7 6 3 4 5 1 2 8
3 8 5 1 9 2 6 4 7
1 2 4 7 8 6 5 3 9
7 1 9 8 5 3 2 6 4
6 5 8 4 2 9 7 1 3
2 4 3 6 7 1 9 8 5
8 9 7 2 6 4 3 5 1
4 6 1 5 3 7 8 9 2
5 3 2 9 1 8 4 7 6

15.
1 9 5 6 7 2 8 3 4
3 7 6 8 4 1 9 2 5
4 2 8 5 9 3 1 6 7
2 3 7 9 6 8 4 5 1
8 1 9 3 5 4 6 7 2
6 5 4 2 1 7 3 9 8
9 4 3 7 8 5 2 1 6
7 6 1 4 2 9 5 8 3
5 8 2 1 3 6 7 4 9

16.
4 5 2 8 7 9 6 3 1
1 6 8 2 3 4 7 9 5
3 7 9 1 5 6 8 4 2
6 1 4 7 2 8 3 5 9
9 3 5 4 6 1 2 8 7
2 8 7 3 9 5 4 1 6
5 9 3 6 4 2 1 7 8
8 4 6 9 1 7 5 2 3
7 2 1 5 8 3 9 6 4

17.
5 9 8 6 4 7 1 3 2
2 7 1 9 8 3 6 5 4
4 3 6 5 2 1 9 7 8
6 1 9 2 3 4 7 8 5
8 2 3 7 9 5 4 6 1
7 4 5 1 6 8 3 2 9
1 6 4 3 5 2 8 9 7
9 5 7 8 1 6 2 4 3
3 8 2 4 7 9 5 1 6

18.
2 4 6 9 5 3 8 1 7
1 7 8 2 4 6 3 5 9
3 5 9 7 8 1 6 2 4
7 6 1 4 9 5 2 3 8
8 9 5 1 3 2 4 7 6
4 2 3 8 6 7 1 9 5
9 8 2 5 1 4 7 6 3
5 3 7 6 2 8 9 4 1
6 1 4 3 7 9 5 8 2

19.
3 2 8 4 5 6 1 9 7
4 9 5 7 1 2 3 8 6
1 7 6 9 8 3 2 5 4
9 6 4 8 3 1 7 2 5
2 5 3 6 9 7 4 1 8
8 1 7 5 2 4 6 3 9
6 8 2 1 4 9 5 7 3
7 3 9 2 6 5 8 4 1
5 4 1 3 7 8 9 6 2

20.
7 9 1 3 5 6 8 4 2
5 2 8 1 7 4 9 3 6
6 3 4 9 8 2 1 5 7
2 5 3 4 6 9 7 1 8
1 8 6 7 3 5 4 2 9
9 4 7 8 2 1 3 6 5
3 7 2 6 1 8 5 9 4
8 6 9 5 4 3 2 7 1
4 1 5 2 9 7 6 8 3

21.
1 9 6 5 3 2 4 8 7
3 2 4 7 6 8 9 1 5
5 8 7 4 9 1 3 2 6
7 6 3 2 5 9 1 4 8
9 5 2 1 8 4 7 6 3
8 4 1 3 7 6 5 9 2
6 7 8 9 1 5 2 3 4
4 3 9 6 2 7 8 5 1
2 1 5 8 4 3 6 7 9

22.
5 8 3 1 6 7 2 4 9
7 1 6 9 4 2 3 8 5
9 2 4 5 8 3 6 7 1
3 4 1 7 9 8 5 6 2
8 5 9 2 3 6 4 1 7
2 6 7 4 1 5 8 9 3
6 9 8 3 5 1 7 2 4
1 7 5 6 2 4 9 3 8
4 3 2 8 7 9 1 5 6

23.
7 8 6 9 3 4 2 5 1
4 9 1 5 8 2 6 3 7
3 2 5 1 6 7 4 9 8
6 3 9 4 1 5 8 7 2
5 7 8 6 2 9 3 1 4
1 4 2 3 7 8 5 6 9
2 6 7 8 9 3 1 4 5
9 5 3 2 4 1 7 8 6
8 1 4 7 5 6 9 2 3

24.
5 7 2 9 4 8 1 6 3
9 3 4 1 6 7 5 2 8
8 1 6 2 3 5 4 9 7
1 5 3 4 7 2 9 8 6
7 6 8 3 1 9 2 5 4
2 4 9 8 5 6 3 7 1
4 9 7 6 2 3 8 1 5
3 2 5 7 8 1 6 4 9
6 8 1 5 9 4 7 3 2

25.
6 3 2 7 1 9 4 5 8
9 5 8 3 4 6 2 7 1
1 4 7 8 5 2 3 9 6
2 6 5 9 3 8 7 1 4
7 1 9 5 6 4 8 2 3
3 8 4 1 2 7 5 6 9
8 7 1 4 9 5 6 3 2
4 2 3 6 7 1 9 8 5
5 9 6 2 8 3 1 4 7