

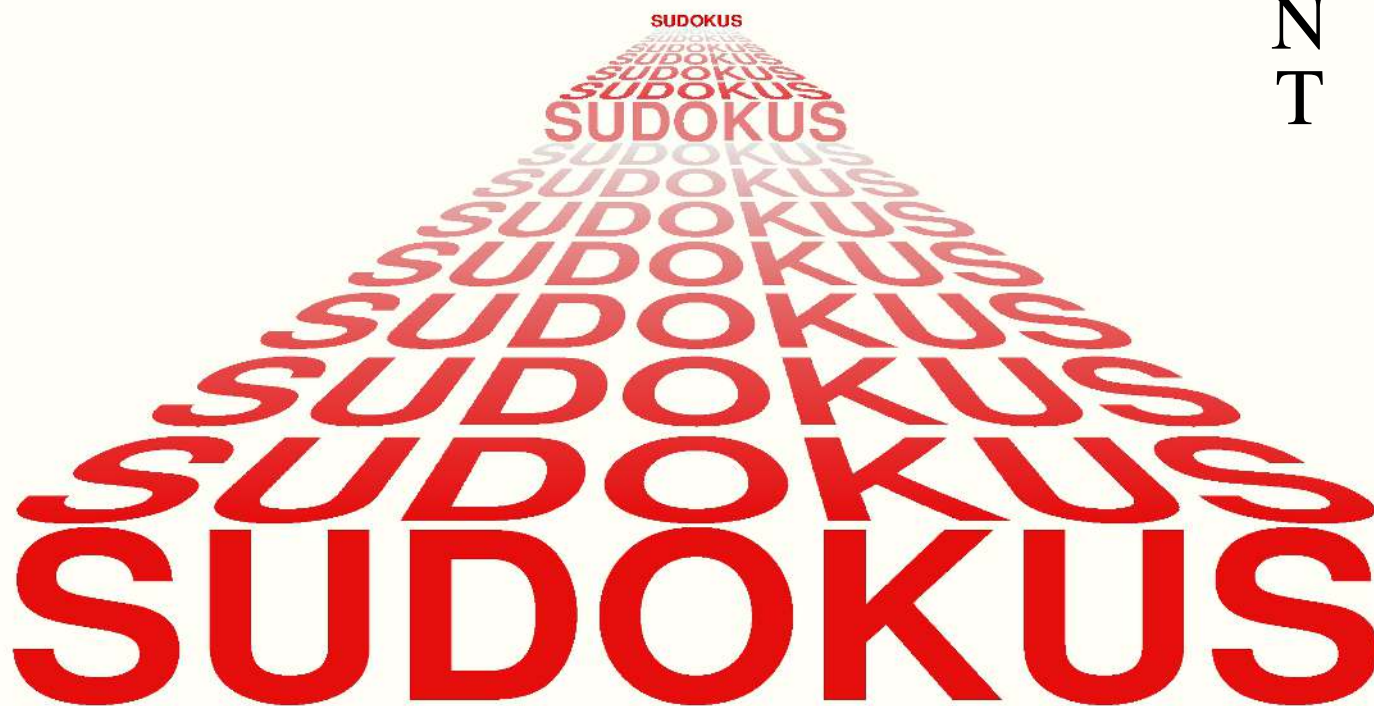
Pasquale's Pre-Penciled Sudoku Grid

Book 23 - November 2025

25 Pre-Penciled Sudokus with solutions.

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SUDOKUS

Pasquale's Pre-Penciled Sudoku Grid

Book 23 - November 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 23 Number 1

Source: Pasquale

Rating: Simple

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

24/57

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 2

Source: Pasquale

Rating: Simple

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

26/55

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 3

Source: Pasquale

Rating: Simple

1: 1 2 3 4 5

2: 1 2 3 4 5

3: 1 2 3 4 5 6

4: 1 2 3 4 5 6

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

9: 1 2 3 4 5 6 7 8 9

24/57

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

Pasquale’s Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 4
Source: Pasquale
Rating: Simple

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

5: 1 2 3 4 5 6 7 8

6: 1 2 3 4 5

7: 1 2 3 4 5 6 7 8 9

8: 1 2 3 4 5

9: 1 2 3 4 5

27/54

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 5

Source: Pasquale

Rating: Easy

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

26/55

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 6

Source: Pasquale

Rating: Easy

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

23/58

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 7

Source: Pasquale

Rating: Easy

1: 1 2 3 4 5 6

2: 1 2 3 4 5 6

3: 1 2 3 4 5

4: 1 2 3 4 5 6

5: 1 2 3 4 5 6

6: 1 2 3 4 5 6 7 8

7: 1 2 3 4 5 6

8: 1 2 3 4 5

9: 1 2 3 4 5 6 7 8 9

24/57

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 8

Source: Pasquale

Rating: Easy

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

27/54

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 9

Source: Pasquale

Rating: Easy

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 8 9
 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 7

25/56

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

Pasquale’s Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 10
Source: Pasquale
Rating: Intermediate

- 1: 1 2 3 4 5

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

6: 1 2 3 4 5 6

7: 1 2 3 4 5 6

8: 1 2 3 4 5

9: 1 2 3 4 5 6 7 8 9
- 26/55

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

Pasquale’s Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 11
Source: Pasquale
Rating: Intermediate

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

27/54

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 12

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

25/56

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 13

Source: Pasquale

Rating: Intermediate

1: 1 2 3 4 5 6

2: 1 2 3 4 5 6

3: 1 2 3 4 5

4: 1 2 3 4 5

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 14

Source: Pasquale

Rating: Intermediate

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

26/55

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 15

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

24/57

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 16

Source: Pasquale

Rating: Intermediate

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

26/55

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 17

Source: Pasquale

Rating: Intermediate

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

25/56

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

Pasquale’s Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 18
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

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 7

8: 1 2 3 4 5 6

9: 1 2 3 4 5
- 24/57

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 19

Source: Pasquale

Rating: Intermediate

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

23/58

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 20

Source: Pasquale

Rating: Expert

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

25/56

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 21

Source: Pasquale

Rating: Expert

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

24/57

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 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 6 7
 4: 1 2 3 4 5 6 7
 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

23/58

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 23

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

5: 1 2 3 4 5 6 7 8 9

6: 1 2 3 4 5

7: 1 2 3 4 5 6 7

8: 1 2 3 4

9: 1 2 3 4 5 6 7

25/56

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 24

Source: Pasquale

Rating: Expert

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

25/56

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 23 Number 25

Source: Pasquale

Rating: Expert

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
 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
 9: 1 2 3 4 5

26/55

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



Solutions Book 23



1.
1 4 7 8 5 3 9 6 2
9 6 5 4 2 7 8 3 1
2 8 3 1 6 9 7 4 5
5 3 2 9 4 6 1 7 8
8 1 6 7 3 5 4 2 9
4 7 9 2 1 8 6 5 3
6 5 8 3 9 4 2 1 7
3 9 1 6 7 2 5 8 4
7 2 4 5 8 1 3 9 6
2.
8 1 9 3 6 2 5 4 7
2 7 5 9 8 4 3 6 1
4 6 3 7 1 5 2 8 9
9 4 2 6 3 8 7 1 5
3 8 1 2 5 7 4 9 6
7 5 6 1 4 9 8 3 2
6 2 7 8 9 3 1 5 4
5 9 8 4 2 1 6 7 3
1 3 4 5 7 6 9 2 8
3.
9 5 8 2 7 6 1 3 4
6 4 7 1 3 5 8 2 9
1 3 2 4 9 8 5 6 7
4 8 6 7 5 1 2 9 3
7 9 3 8 6 2 4 1 5
5 2 1 3 4 9 7 8 6
3 1 4 9 8 7 6 5 2
2 7 5 6 1 3 9 4 8
8 6 9 5 2 4 3 7 1
4.
5 6 9 1 7 8 4 3 2
4 3 2 9 6 5 7 8 1
1 7 8 4 2 3 5 9 6
3 2 7 8 9 6 1 4 5
9 5 4 7 1 2 3 6 8
6 8 1 5 3 4 2 7 9
8 4 6 3 5 1 9 2 7
2 9 5 6 4 7 8 1 3
7 1 3 2 8 9 6 5 4
5.
5 7 2 6 9 1 3 8 4
1 8 4 2 5 3 6 9 7
3 6 9 8 4 7 2 1 5
6 1 3 7 8 4 9 5 2
7 4 5 9 2 6 8 3 1
2 9 8 1 3 5 4 7 6
9 3 1 4 7 2 5 6 8
8 2 7 5 6 9 1 4 3
4 5 6 3 1 8 7 2 9
6.
1 5 9 2 4 3 8 7 6
3 7 6 9 1 8 4 2 5
2 8 4 6 7 5 1 3 9
7 2 8 3 6 1 9 5 4
4 1 3 5 2 9 6 8 7
6 9 5 7 8 4 2 1 3
5 3 1 4 9 2 7 6 8
9 6 2 8 3 7 5 4 1
8 4 7 1 5 6 3 9 2
7.
4 8 5 6 1 3 2 9 7
2 3 1 5 7 9 4 6 8
9 6 7 2 4 8 1 3 5
1 5 2 7 9 4 6 8 3
6 4 3 8 2 5 7 1 9
8 7 9 3 6 1 5 4 2
3 2 6 1 8 7 9 5 4
5 1 4 9 3 2 8 7 6
7 9 8 4 5 6 3 2 1
8.
1 5 4 3 8 9 7 2 6
8 3 6 1 7 2 5 9 4
2 9 7 4 5 6 8 3 1
4 8 9 7 6 1 2 5 3
7 1 3 8 2 5 6 4 9
5 6 2 9 3 4 1 7 8
9 7 8 2 1 3 4 6 5
6 4 1 5 9 7 3 8 2
3 2 5 6 4 8 9 1 7
9.
4 1 2 7 9 6 3 5 8
3 9 8 2 1 5 6 4 7
5 7 6 8 3 4 1 2 9
7 4 5 1 8 9 2 6 3
6 8 9 4 2 3 5 7 1
1 2 3 5 6 7 9 8 4
2 5 7 9 4 1 8 3 6
9 6 4 3 5 8 7 1 2
8 3 1 6 7 2 4 9 5
10.
1 9 2 7 5 4 8 3 6
8 3 4 2 9 6 1 7 5
5 7 6 1 8 3 2 9 4
4 5 8 3 6 1 7 2 9
6 2 7 8 4 9 5 1 3
3 1 9 5 7 2 6 4 8
7 8 3 9 1 5 4 6 2
9 6 1 4 2 8 3 5 7
2 4 5 6 3 7 9 8 1
11.
9 1 6 3 4 7 2 5 8
4 8 2 5 1 6 3 7 9
7 3 5 9 8 2 6 4 1
3 5 8 6 9 4 1 2 7
2 9 1 7 5 8 4 3 6
6 4 7 2 3 1 9 8 5
1 7 3 8 2 9 5 6 4
8 2 9 4 6 5 7 1 3
5 6 4 1 7 3 8 9 2
12.
6 8 1 7 9 4 3 2 5
9 3 4 5 8 2 1 7 6
2 7 5 6 3 1 4 8 9
8 6 7 4 2 3 5 9 1
1 9 2 8 6 5 7 4 3
4 5 3 9 1 7 2 6 8
3 4 8 1 7 6 9 5 2
5 1 9 2 4 8 6 3 7
7 2 6 3 5 9 8 1 4
13.
4 3 8 7 6 1 2 9 5
7 5 9 8 2 3 6 1 4
2 1 6 5 4 9 7 3 8
8 6 5 4 9 7 3 2 1
1 9 2 3 5 8 4 6 7
3 4 7 2 1 6 5 8 9
9 2 4 1 3 5 8 7 6
5 7 1 6 8 2 9 4 3
6 8 3 9 7 4 1 5 2
14.
8 7 3 1 9 4 2 6 5
1 2 6 5 3 8 9 7 4
9 5 4 7 6 2 1 8 3
3 9 2 4 8 5 7 1 6
6 8 5 9 1 7 4 3 2
7 4 1 6 2 3 5 9 8
5 3 7 8 4 1 6 2 9
2 1 9 3 5 6 8 4 7
4 6 8 2 7 9 3 5 1
15.
8 2 9 1 3 4 6 7 5
1 6 3 9 5 7 2 8 4
5 4 7 6 8 2 1 3 9
6 7 2 4 9 5 3 1 8
4 5 1 8 2 3 9 6 7
3 9 8 7 1 6 5 4 2
9 8 5 3 7 1 4 2 6
2 3 4 5 6 8 7 9 1
7 1 6 2 4 9 8 5 3
16.
5 9 3 7 4 1 6 2 8
6 4 7 5 8 2 1 3 9
2 8 1 6 9 3 5 7 4
3 7 4 1 5 8 9 6 2
8 1 6 3 2 9 4 5 7
9 5 2 4 7 6 8 1 3
4 6 9 2 1 7 3 8 5
1 2 5 8 3 4 7 9 6
7 3 8 9 6 5 2 4 1
17.
1 5 9 7 3 4 8 6 2
8 4 3 2 6 9 7 5 1
2 6 7 1 5 8 3 4 9
6 7 2 5 9 1 4 8 3
9 3 4 6 8 7 1 2 5
5 1 8 4 2 3 6 9 7
3 2 5 8 1 6 9 7 4
4 9 6 3 7 5 2 1 8
7 8 1 9 4 2 5 3 6
18.
5 8 6 7 9 4 3 2 1
1 7 9 2 3 8 5 6 4
4 3 2 1 5 6 9 7 8
9 6 5 4 7 3 1 8 2
2 1 7 6 8 5 4 9 3
8 4 3 9 2 1 7 5 6
3 2 1 5 6 9 8 4 7
6 5 4 8 1 7 2 3 9
7 9 8 3 4 2 6 1 5
19.
9 2 6 1 4 5 8 3 7
8 1 5 3 7 9 4 6 2
4 7 3 6 2 8 1 5 9
3 5 7 8 1 4 9 2 6
6 4 8 7 9 2 3 1 5
1 9 2 5 6 3 7 8 4
5 3 9 4 8 6 2 7 1
2 6 1 9 3 7 5 4 8
7 8 4 2 5 1 6 9 3
20.
5 8 3 7 6 2 4 9 1
2 1 9 4 8 5 6 7 3
6 4 7 3 1 9 8 5 2
1 2 4 9 7 6 3 8 5
9 6 8 5 4 3 1 2 7
3 7 5 1 2 8 9 4 6
4 5 2 8 3 1 7 6 9
7 3 6 2 9 4 5 1 8
8 9 1 6 5 7 2 3 4
21.
7 4 8 9 1 2 6 3 5
2 3 6 8 5 7 4 1 9
5 9 1 3 6 4 8 7 2
1 8 2 5 7 9 3 4 6
4 6 9 1 3 8 5 2 7
3 5 7 2 4 6 9 8 1
6 7 5 4 2 3 1 9 8
9 2 4 6 8 1 7 5 3
8 1 3 7 9 5 2 6 4
22.
7 1 4 8 3 6 9 2 5
8 3 6 5 2 9 1 4 7
5 9 2 4 7 1 3 8 6
6 8 1 7 4 5 2 9 3
9 4 5 3 6 2 7 1 8
2 7 3 9 1 8 5 6 4
3 6 8 2 9 7 4 5 1
4 5 9 1 8 3 6 7 2
1 2 7 6 5 4 8 3 9
23.
8 9 3 2 4 6 7 5 1
7 4 2 5 1 8 9 3 6
5 6 1 9 3 7 4 8 2
4 2 7 8 9 1 3 6 5
9 3 6 4 2 5 1 7 8
1 5 8 7 6 3 2 9 4
3 1 9 6 5 4 8 2 7
2 8 5 1 7 9 6 4 3
6 7 4 3 8 2 5 1 9
24.
3 5 4 1 8 7 2 9 6
2 7 8 6 3 9 4 1 5
1 6 9 2 5 4 8 7 3
4 9 7 8 1 3 6 5 2
6 2 3 7 4 5 1 8 9
8 1 5 9 6 2 3 4 7
5 8 6 3 9 1 7 2 4
7 4 1 5 2 6 9 3 8
9 3 2 4 7 8 5 6 1
25.
5 6 4 9 3 7 2 1 8
9 2 1 5 8 6 4 7 3
8 3 7 2 4 1 6 9 5
6 1 9 3 7 4 5 8 2
2 5 8 1 6 9 3 4 7
7 4 3 8 5 2 1 6 9
4 8 2 7 1 5 9 3 6
1 7 5 6 9 3 8 2 4
3 9 6 4 2 8 7 5 1