

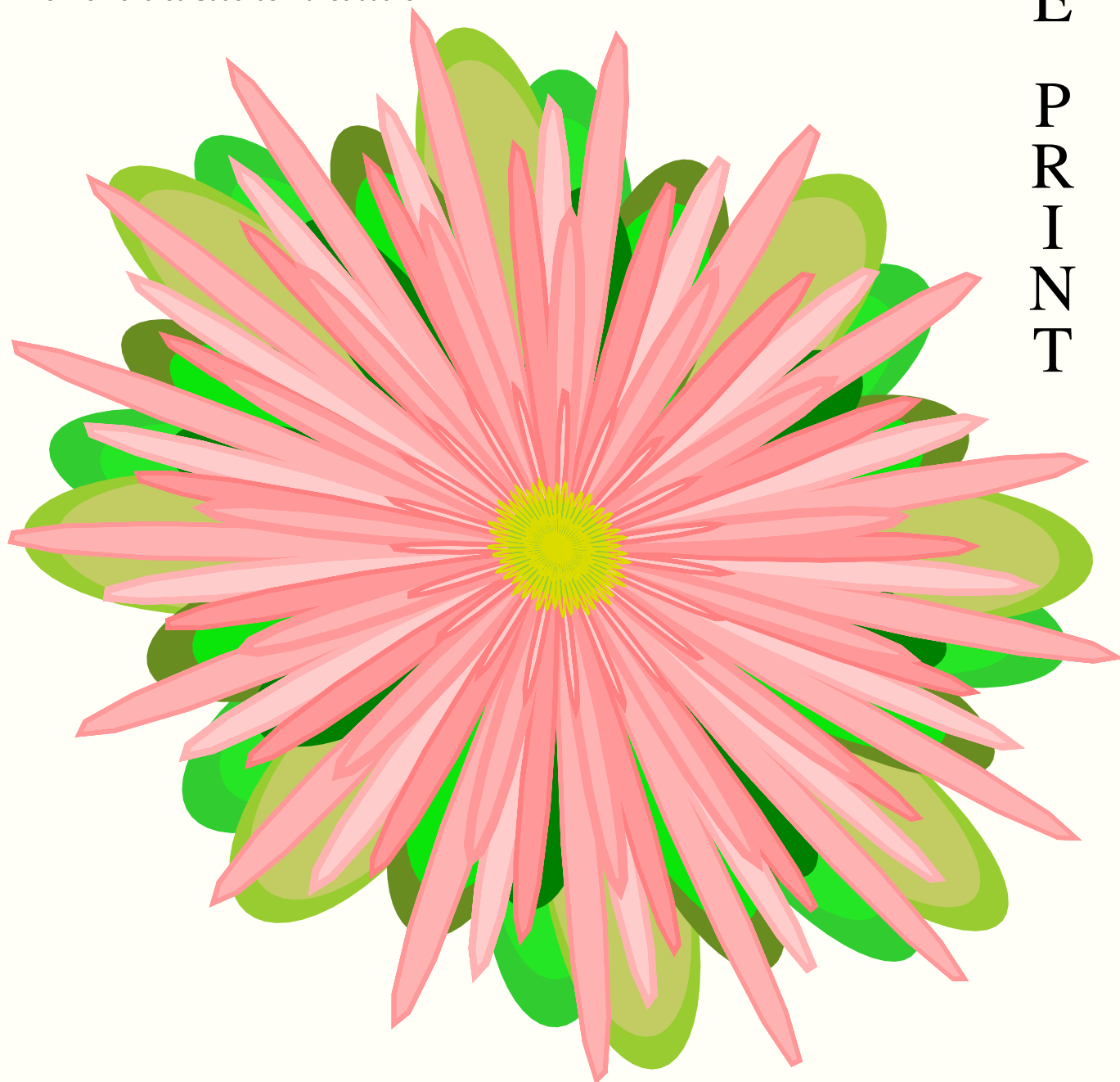
Pasquale's Pre-Penciled Sudoku Grid

Book 31 - July 2026

25 Pre-Penciled Sudokus with solutions.

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Floral (01)

Pasquale's Pre-Penciled Sudoku Grid

Book 31 - July 2026

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 31 Number 1

Source: Pasquale

Rating: Simple

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
 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 7
 9: 1 2 3 4 5 6

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 2

Source: Pasquale

Rating: Simple

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 7 8 9

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

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

Pasquale’s Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 3
Source: Pasquale
Rating: Simple

- 1: 1 2 3 4 5

2: 1 2 3 4 5

3: 1 2 3 4

4: 1 2 3 4 5 6

5: 1 2 3 4 5 6 7

6: 1 2 3 4 5 6

7: 1 2 3 4 5 6 7 8 9

8: 1 2 3 4 5 6 7

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

Pasquale’s Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 4
Source: Pasquale
Rating: Simple

- 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 8 9

7: 1 2 3 4 5 6 7

8: 1 2 3 4 5

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 5

Source: Pasquale

Rating: Easy

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 6 7 8 9
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

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 6

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

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 7

Source: Pasquale

Rating: Easy

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 6 7 8 9
 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

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 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 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
 9: 1 2 3 4 5 6

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 9

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

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 10

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 6 7

5: 1 2 3 4 5 6 7 8

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 5 6

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

Pasquale’s Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 11
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 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 8 9

9: 1 2 3 4 5 6

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 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 7 8 9
4: 1 2 3 4 5
5: 1 2 3 4 5 6 7 8
6: 1 2 3 4 5 6
7: 1 2 3 4
8: 1 2 3 4 5
9: 1 2 3 4 5 6

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 13

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

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 14

Source: Pasquale

Rating: Intermediate

1: 1 2 3 4 5 6 7 8

2: 1 2 3 4 5

3: 1 2 3 4

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

8: 1 2 3 4 5 6 7

9: 1 2 3 4 5 6

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 15

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
 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 6 7 8 9

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 16

Source: Pasquale

Rating: Intermediate

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

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 17

Source: Pasquale

Rating: Intermediate

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

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 18

Source: Pasquale

Rating: Intermediate

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

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 19

Source: Pasquale

Rating: Intermediate

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

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 20

Source: Pasquale

Rating: Expert

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

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 21

Source: Pasquale

Rating: Expert

1: 1 2 3 4 5 6

2: 1 2 3 4

3: 1 2 3 4 5 6 7

4: 1 2 3 4 5 6 7

5: 1 2 3 4 5 6 7 8 9

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

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 22

Source: Pasquale

Rating: Expert

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

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 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 6 7
 4: 1 2 3 4 5 6 7
 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 8 9
 9: 1 2 3 4 5 6

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 24

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
 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
 9: 1 2 3 4 5 6

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

Pasquale's Pre-Penciled Sudoku Grid

Puzzle: Book 31 Number 25

Source: Pasquale

Rating: Expert

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

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



1.

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

2.

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

3.

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

4.

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

5.

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

6.

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

7.

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

8.

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

9.

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

10.

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

11.

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

12.

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

13.

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

14.

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

15.

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

16.

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

17.

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

18.

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

19.

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

20.

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

21.

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

22.

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

23.

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

24.

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

25.

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