

How to solve 4 x 4 Sudoku

Fill every row, every column, and every 2 x 2 box with 1, 2, 3, and 4 exactly once. No arithmetic is needed.

1. Scan one row

Which digits are missing?

2. Check the column

Remove digits already used there.

3. Check the box

Place the only digit that remains.

1	3		2
2		3	
	2		4
4		2	3

Worked first move

Puzzle 1 starts with 10 given digits.

Look at row 1, column 3.

Its row, column, and 2 x 2 box leave only 4.

Write 4 in the highlighted cell, then scan again.

Use pencil and one square at a time

The recorded solve path uses only singles.

Every final puzzle has exactly one solution.

4 x 4 Sudoku practice

Name _____ Date _____

Use 1-4 once in every row, column, and 2 x 2 box. Answers begin on page 10.

Puzzle 1 | First Grid

10 givens

1	3		2
2		3	
	2		4
4		2	3

Puzzle 2 | First Grid

10 givens

		1	4
	1	3	2
3	4	2	
1	2		

Puzzle 3 | First Grid

10 givens

3	1		4
	4		1
1		4	
4		1	2

Puzzle 4 | First Grid

10 givens

4	1		
2	3	4	
	4	1	2
		3	4

4 x 4 Sudoku practice

Name _____ Date _____

Use 1-4 once in every row, column, and 2 x 2 box. Answers begin on page 10.

Puzzle 5 | First Grid

10 givens

1		3	
4	3	2	
	1	4	2
	4		3

Puzzle 6 | First Grid

10 givens

	3		
1	4	2	3
4	2	3	1
		4	

Puzzle 7 | First Grid

10 givens

	3		2
2	4	3	
	1	2	3
3		1	

Puzzle 8 | First Grid

10 givens

	1	3	
2		1	4
3	4		1
	2	4	

4 x 4 Sudoku practice

Name _____ Date _____

Use 1-4 once in every row, column, and 2 x 2 box. Answers begin on page 10.

Puzzle 9 | Steady Practice 8 givens

	3	4	
	1		3
1		3	
	4	1	

Puzzle 10 | Steady Practice 8 givens

		3	4
	3		2
1		2	
3	2		

Puzzle 11 | Steady Practice 8 givens

2		3	1
			2
4			
3	2		4

Puzzle 12 | Steady Practice 8 givens

	4	2	
		3	4
4	2		
	3	4	

4 x 4 Sudoku practice

Name _____ Date _____

Use 1-4 once in every row, column, and 2 x 2 box. Answers begin on page 10.

Puzzle 13 | Steady Practice 8 givens

4	3		
1		3	
	1		2
		1	3

Puzzle 14 | Steady Practice 8 givens

	2		4
	4	1	
	3	4	
4		2	

Puzzle 15 | Steady Practice 8 givens

2	4		3
			4
3			
4		3	2

Puzzle 16 | Steady Practice 8 givens

	1		
3	2		4
2		3	1
		4	

4 x 4 Sudoku practice

Name _____ Date _____

Use 1-4 once in every row, column, and 2 x 2 box. Answers begin on page 10.

Puzzle 17 | More Open Cells 6 givens

4	1		3
2		3	1

Puzzle 18 | More Open Cells 6 givens

			4
		1	2
3	2		
1			

Puzzle 19 | More Open Cells 6 givens

3		1	
2			
			1
	3		4

Puzzle 20 | More Open Cells 6 givens

1	2		
			1
2			
		4	2

4 x 4 Sudoku practice

Name _____ Date _____

Use 1-4 once in every row, column, and 2 x 2 box. Answers begin on page 10.

Puzzle 21 | More Open Cells 6 givens

	3		4
		3	
	2		
3		2	

Puzzle 22 | More Open Cells 6 givens

	4		
2			4
1			2
		1	

Puzzle 23 | More Open Cells 6 givens

		1	2
1			
			3
2	3		

Puzzle 24 | More Open Cells 6 givens

	2		
4	3		
		2	4
		3	

6 x 6 next step

Name _____ Date _____

Use 1-6 once in every row, column, and 2 x 3 box. Answers are on page 13.

Next Step A

22 givens

	6	5			
4		1	3	5	
2	5	4	6	3	
	1	3	2	4	5
	3	2	1		4
			5	2	

Next Step B

22 givens

			4	3	
3	4	5	2	1	6
			5	2	3
2	5	3			
5	1	4	3	6	2
	3	2			

6 x 6 next step

Name _____ Date _____

Use 1-6 once in every row, column, and 2 x 3 box. Answers are on page 13.

Next Step C

22 givens

5		4	2		1
1	6			3	
	2	5	1		6
6		1	5	2	
	1			5	4
4		6	3		2

Next Step D

22 givens

2				6	5
	6			1	
4	3	6	5	2	1
5	2	1	4	3	6
	4			5	
6	5				3

4 x 4 answer key

Puzzle 1 | First Grid

1	3	4	2
2	4	3	1
3	2	1	4
4	1	2	3

Puzzle 2 | First Grid

2	3	1	4
4	1	3	2
3	4	2	1
1	2	4	3

Puzzle 3 | First Grid

3	1	2	4
2	4	3	1
1	2	4	3
4	3	1	2

Puzzle 4 | First Grid

4	1	2	3
2	3	4	1
3	4	1	2
1	2	3	4

Puzzle 5 | First Grid

1	2	3	4
4	3	2	1
3	1	4	2
2	4	1	3

Puzzle 6 | First Grid

2	3	1	4
1	4	2	3
4	2	3	1
3	1	4	2

Puzzle 7 | First Grid

1	3	4	2
2	4	3	1
4	1	2	3
3	2	1	4

Puzzle 8 | First Grid

4	1	3	2
2	3	1	4
3	4	2	1
1	2	4	3

4 x 4 answer key

Puzzle 9 | Steady Practice

2	3	4	1
4	1	2	3
1	2	3	4
3	4	1	2

Puzzle 10 | Steady Practice

2	1	3	4
4	3	1	2
1	4	2	3
3	2	4	1

Puzzle 11 | Steady Practice

2	4	3	1
1	3	4	2
4	1	2	3
3	2	1	4

Puzzle 12 | Steady Practice

3	4	2	1
2	1	3	4
4	2	1	3
1	3	4	2

Puzzle 13 | Steady Practice

4	3	2	1
1	2	3	4
3	1	4	2
2	4	1	3

Puzzle 14 | Steady Practice

1	2	3	4
3	4	1	2
2	3	4	1
4	1	2	3

Puzzle 15 | Steady Practice

2	4	1	3
1	3	2	4
3	2	4	1
4	1	3	2

Puzzle 16 | Steady Practice

4	1	2	3
3	2	1	4
2	4	3	1
1	3	4	2

4 x 4 answer key

Puzzle 17 | More Open Cells

4	1	2	3
3	2	1	4
1	3	4	2
2	4	3	1

Puzzle 18 | More Open Cells

2	1	3	4
4	3	1	2
3	2	4	1
1	4	2	3

Puzzle 19 | More Open Cells

3	4	1	2
2	1	4	3
4	2	3	1
1	3	2	4

Puzzle 20 | More Open Cells

1	2	3	4
4	3	2	1
2	4	1	3
3	1	4	2

Puzzle 21 | More Open Cells

2	3	1	4
4	1	3	2
1	2	4	3
3	4	2	1

Puzzle 22 | More Open Cells

3	4	2	1
2	1	3	4
1	3	4	2
4	2	1	3

Puzzle 23 | More Open Cells

3	4	1	2
1	2	3	4
4	1	2	3
2	3	4	1

Puzzle 24 | More Open Cells

1	2	4	3
4	3	1	2
3	1	2	4
2	4	3	1

6 x 6 next-step answers

Next Step A

3	6	5	4	1	2
4	2	1	3	5	6
2	5	4	6	3	1
6	1	3	2	4	5
5	3	2	1	6	4
1	4	6	5	2	3

Next Step B

1	2	6	4	3	5
3	4	5	2	1	6
4	6	1	5	2	3
2	5	3	6	4	1
5	1	4	3	6	2
6	3	2	1	5	4

Next Step C

5	3	4	2	6	1
1	6	2	4	3	5
3	2	5	1	4	6
6	4	1	5	2	3
2	1	3	6	5	4
4	5	6	3	1	2

Next Step D

2	1	4	3	6	5
3	6	5	2	1	4
4	3	6	5	2	1
5	2	1	4	3	6
1	4	3	6	5	2
6	5	2	1	4	3