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PuzzleLogix

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PuzzleLogic
SUDOKU
kids edition

	3				
				5	6
	4				
1					
		6			1
3				4	5

200 PUZZLES
easy 6x6

Welcome to Your Sudoku Journey!

Dear Puzzle Enthusiast,

Thank you for choosing this exciting collection of Sudoku puzzles brought to you by PuzzleLogix. Whether you are a young puzzle enthusiast, a parent looking for a fun and educational activity for your child, or an adult seeking a relaxing and engaging pastime, this book is designed to provide hours of entertainment and mental exercise.

What is Sudoku?

Sudoku is a super fun number puzzle that kids and adults all over the world love to play! The goal is simple: fill a 6x6 grid so that each column, each row, and each of the six 3x2 boxes (also called blocks or regions) contains the numbers from 1 to 6. The tricky part is figuring out where each number goes without repeating any numbers in a row, column, or block. It's like a big number puzzle adventure!

How to Use This Book

All the puzzles in this book are designed to be easy, but they get a bit more challenging as you go along. Start with the first puzzle and work your way through the book. Each puzzle has only one possible solution, which you can find at the back of the book. Try to solve the puzzles on your own, but don't hesitate to check the solution if you get stuck or want to verify your answer.

Tips for Solving Sudoku

- **Take Your Time:** Don't rush! Sudoku is all about thinking carefully and finding the right numbers for each empty square.
- **Look for Missing Numbers:** Start by looking at each row, column, and block. See if you can spot any numbers that are missing and fill them in.
- **Use Your Pencil:** It's okay to make guesses! Use a pencil to lightly write possible numbers in the empty squares. If you change your mind, you can always erase and try again.
- **Check Your Work:** After filling in a number, double-check the row, column, and block to make sure it doesn't repeat anywhere else.
- **Ask for Help:** If you get stuck, don't be afraid to ask a grown-up or a friend for help. Sometimes a fresh pair of eyes can spot something you missed!
- **Celebrate Your Success:** Every time you complete a puzzle, give yourself a big high-five! You're becoming a Sudoku master!

Understanding the Basics.

In a 6x6 Sudoku grid:

- **Rows** are the horizontal lines of numbers.
- **Columns** are the vertical lines of numbers.
- **Boxes** are the smaller 3x2 sections (shaded below).
- **Cells** are the individual boxes where you will write numbers.

		4	C	5	3
2		R	O	W	4
	3		L		2
			U		
1	4		M		
		6	N		1

Objective

Your goal is to fill in the grid so that every row, every column, and every box contains the numbers 1 to 6, without repeating any numbers.

Now, let's learn about the two techniques that will help you solve these puzzles: ***Naked Singles*** and ***Hidden Singles***.

Naked Singles

A Naked Single is when a cell can only be one number because all other possibilities are eliminated. Let's find out why the number 6 goes in cell (1,1):

		4		5	3
2					4
	3				2
1	4				
		6			1

1. **Look at the first row:** The numbers 4, 5, and 3 are already in the first row. So, we cannot place 4, 5, or 3 in cell (1,1).
2. **Look at the first column:** The numbers 2 and 1 are already in the first column. So, we cannot place 2 or 1 in cell (1,1).

Now, what's left?

The only number that we haven't ruled out is 6. Therefore, cell (1,1) must be 6.

Hidden Singles are a bit trickier to find than Naked Singles. Sometimes, a number can only go in one place within a row, column, or box, even though there might be other empty cells. This is when writing down possible candidates (small numbers in the cells) can really help.

Let's look at this puzzle and focus on finding a Hidden Single:

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

Writing Down Candidates

We filled the possible candidates in the first 2 rows.

Finding the Hidden Single

1. Look at row 1. We only need the numbers 1, 2 and 3.
2. Notice that 3 appears once in cell (4, 1) for that row.
3. This is a hidden single and cell (4,1) must be 3.
4. Fill in the number 3 and continue solving!

A Note from PuzzleLogix

At PuzzleLogix, we are passionate about creating puzzles that challenge the mind and spark joy. We hope this book provides you with both. Whether you solve one puzzle a day or binge through several, we hope each puzzle leaves you feeling accomplished and ready for more.

Thank you for embarking on this Sudoku adventure with us.

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PUZZLE #1

			2		
3		1			
5	1	3			4
4	5				3
			5		

Why do bicycles never stand up by themselves?

1

PUZZLE #2

			5	6	
	2		4		
1					
	5	6	1		
	6	1			
3					

Solutions on page 103

PUZZLE #3

2	4				
		5			
3					1
			2		
1	2		4		6
	6				

2

PUZZLE #4

			5	1	
				6	
1				4	
3		6			1
4					
		5		2	

Solutions on page 103

PUZZLE #5

	1		6		
2					
					1
	3	5			
	5		2		3
	6			5	

What is orange and sounds like a parrot?

3

PUZZLE #6

3	6		4		
1				2	
		3			
6	1				
	5		6		
					2

Solutions on page 104

PUZZLE #7

3	2				
1					6
			1	5	
				6	
6			5	3	1

4

PUZZLE #8

			6	5	
6	2				1
		4		1	
		1	4	2	
	3				

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PUZZLE #1

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

PUZZLE #2

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

Because they're two-tired!

103

PUZZLE #3

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

PUZZLE #4

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

PUZZLE #5

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

PUZZLE #6

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

104

A carrot.

PUZZLE #7

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

PUZZLE #8

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