

Calcudoku Puzzles

Volume 2

Medium

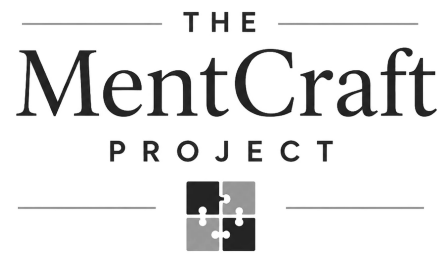


150 Puzzles + 10 Bonus Puzzles

6x6 & 7x7 Grids - Complete Answer Key
Unique Solutions - No Guessing Required

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Calcudoku Puzzles

Medium - Volume 2

160 Puzzles Including 10 Bonus Puzzles

For David

My son, you have a wonderful mind.
Always remain curious and never assume you know everything.

How to Get the Most Out of This Book

Every MentCraft collection is built on a simple belief: a mind that's challenged regularly stays sharper, more curious, and more capable. Different puzzles exercise different mental muscles, and Calcudoku has a special place in that family: it combines orderly number placement with arithmetic reasoning, asking you to see both the grid and the cages at the same time.

Each puzzle uses an $N \times N$ grid. Fill every row and every column with the numbers 1 through N exactly once. Thick-outlined cages show a target and, except for single-cell cages, an operation. The values inside a cage must combine to reach that target. Addition and multiplication cages may contain several cells; subtraction and division cages contain two cells and may be evaluated in either order. A one-cell cage simply fixes that cell's value.

Start with cages that allow the fewest arithmetic combinations, then compare those possibilities with what each row and column can still accept. Single-cell cages give immediate anchors, while small subtraction and division cages often narrow choices quickly. As values become fixed, revisit neighboring cages and let each deduction tighten the next. Strong Calcudoku solving is not about trial and error. It is about combining arithmetic with elimination until every placement follows from constraints you can trust.

This volume contains 150 Medium main puzzles followed by 10 bonus puzzles. The main section combines 75 6×6 grids with 75 7×7 grids, and the bonus section adds ten more 7×7 puzzles at the same verified Medium level. Every puzzle has one unique solution and has been independently verified to solve logically without guessing. Expect longer chains of elimination and more moments where arithmetic choices only become clear after several rows, columns, and cages are compared.

Puzzle 1

Main - Medium - 6x6

30x		13+		6/	4/
48x		3			
	4/		15x		10x
	15+		7+		
4-			8+		
	7+		60x		

My Notes:

Puzzle 2

Main - Medium - 6x6

10+		17+			10+
11+			9+		
	3	3-			
	5+		14+		
11+		3/		24x	
	11+			6+	

My Notes:

Puzzle 3

Main - Medium - 6x6

17+			7+		
8+			9+	4-	5
360x					15+
		5x	3-	3/	
	48x				
		8+			

My Notes:

Puzzle 4

Main - Medium - 6x6

4/	48x	8+		10+	
			18x		
2/		6	40x		
	8+			4-	
15x		3-	1-		144x
7+					

My Notes:

Puzzle 5

Main - Medium - 6x6

1-		12x	4x	90x	
3-				20x	
30x	2/				11+
		9+		12+	
12x		60x			
2					

My Notes:

Puzzle 6

Main - Medium - 6x6

2/		15x	24x		30x
11+					
	4x		6+		3-
2	11+			12x	
10+		2-			20x
4+		7+			

My Notes:

Puzzle 7

Main - Medium - 6x6

5/		9+		3-	
1-	6/		1-	14+	
		10+		8+	
6	9+				
5+		1-	15x		
			11+		

My Notes:

Puzzle 8

Main - Medium - 6x6

1-		6x		1	11+
7+			14+		
72x				13+	
	2/		5-		
	6+	17+			2x
		10+			

My Notes:

Puzzle 9

Main - Medium - 6x6

12+		2-	9+		10x
	7+			3-	
		120x	6x		13+
				5x	
12+	3/		10x		
		6		4/	

My Notes:

Puzzle 10

Main - Medium - 6x6

120x	2-		9+	192x	8+
	1-				
		17+			4x
5+	1-		1	6+	
					13+
24x					

My Notes:

Puzzle 11

Main - Medium - 6x6

11+	4+		6x	20+	
	3-			12x	
	2-	2	6x		
30x				6+	
	12+	120x			12x

My Notes:

Puzzle 12

Main - Medium - 6x6

11+	2-	1	9+		11+
		2-			
8+		24x	4x		14+
5+					
2/	60x		2-		3-
		14+			

My Notes:

Puzzle 13

Main - Medium - 6x6

9+	144x	6+		5x	3x
		13+			
3/				3-	
	1-	7+		36x	2
9+					13+
		2/			

My Notes:

Puzzle 14

Main - Medium - 6x6

120x	5+		48x		
	6+			300x	
					12x
2/		60x			
3+	5	16+			
	9+			1-	

My Notes: