



**PUZZLE  
PASSION**  
PRESS

SHARP MINDS CALCUDOKU

# Free Sampler Pack



*24 puzzles — every grid size and difficulty in the series.*

Sharpen your mind.

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# How to Play Calcudoku

———— ◆ ————

**Fill each grid so every row and column contains the digits 1 to N exactly once, where N is that puzzle's grid size — this pack samples several sizes and difficulties.**

**The cages.** Each outlined region is a cage showing a target number and an operation (+ – × ÷). The digits inside must combine to produce the target using that operation.

**Single-cell cages.** A cage showing only a number gives you the exact digit for that cell.

**One solution, guaranteed.** Every puzzle is algorithmically generated and individually verified. Solutions appear at the back of the book.

———— ◆ ————  
Difficulty: Easy → Expert · Puzzles: 24 · Grids: 6×6, 7×7 & 9×9

— ◆ —  
FREE SAMPLER

# Enjoying the Sampler? Get the Full Collection

This free pack samples all 12 puzzle types in the Sharp Minds series — three grid sizes across four difficulty levels. Join our puzzle list for more free packs and new-release discounts, and unlock the complete 100-puzzle Sharp Minds books.



**Point your phone camera at the code**

or visit: <https://puzzlepassionpress.com/sharp-minds-list>

# Puzzle 1



150×	2	72×			9+
		3×		48×	
6+	9+				
		12+			4
10+		2		25×	
	4	6	2		3

Easy · 6×6

# Puzzle 2



4	12+			6×	
13+			1	9+	
6×	24×			100×	
		36×			36×
7+			2		
	13+			5×	

Easy · 6×6

# Puzzle 3



15×		18+	7+	4	6
					120×
14+	1				
		14+		7+	90×
	72×	2			

Medium · 6×6

# Puzzle 4



6	150×	14+			
		48×	36×		
6+			1-		
			13+	150×	
	240×				3
					2

Medium · 6×6

# Puzzle 5



1-	19+		12×		12+
		30×			
14+			72×		
	36×		600×		
			9+		

Hard · 6×6

# Puzzle 6



18+			40×	2	17+
	3				
5	6×				
14+				14+	
24×		120×	9+		

Hard · 6×6

# Puzzle 7



3	180×			11+	
15+	1		15+		
					6
48×		180×			
			20×	8+	
11+					

Expert · 6×6

# Puzzle 8



<b>16×</b>		<b>19+</b>			<b>5÷</b>
		<b>360×</b>	<b>5</b>		
<b>24×</b>				<b>13+</b>	
		<b>10+</b>			
<b>90×</b>			<b>13+</b>		
				<b>1-</b>	

**Expert · 6×6**

# Puzzle 9



9+			105x			4
9+		9+			13+	
7		5	13+			
175x		8+	24x			14x
72x			12x		2	
			7		90x	
2	1	15+			4	

Easy · 7×7

# Puzzle 10



9+	13+	24x	12+		15x	
				168x		
			1	28x		5
13+			13+		24x	
10+					14+	
24x		12+		2		
	21x			13+		

Easy · 7×7

# Puzzle 11



5×		17+			3	7
18+			4	60×		360×
2						
6+		14+				19+
21+	48×			2		
	4		7	18+	1	
						2

Medium · 7×7

# Puzzle 12

— ◆ —

35×	2	19+			96×	
	60×			1		
		120×		210×		
9+		21+			19+	2
				4		
	144×	28×		2	150×	

Medium · 7×7

# Puzzle 13



140x	13+			6x		210x
		540x		120x		
	70x					4
		32x			168x	
108x						
			882x		11+	
40x						

Hard · 7×7

# Puzzle 14

— ◆ —

16+	9+			72×	280×	
	14+	7	4	5	360×	3
		60×				15+
15+			22+			
				168×	1	
5						

**Hard · 7×7**

# Puzzle 15

— ◆ —

17+		630×			7+	
			42×	22+		11+
1	16+					
		96×				10+
	168×			20+		
			6+	105×		
6						

**Expert · 7×7**

# Puzzle 16

— ◆ —

35×			11+			504×
16+			17+			
540×						18+
		14+				
24×		840×		90×		3
						28×
			4			

**Expert · 7×7**

# Puzzle 17

◆

11+	36×			270×	2	18+	48×	
	14+	42×					15+	
108×					4×			28×
	19+		3	15+			21+	
	32×		80×			3		
				21×	6	18+	12×	
12+		64×						15+
12×		22+			23+	2	180×	
3								

Easy · 9×9

# Puzzle 18



392x		14+	4	126x	6+		18+	
20x					16+			4
		8+	3			96x	1	19+
15+			14+					
	6		72x	16+	15x		22+	
36x	28x				20+			6+
	17+		2				280x	
		23+	4x		12+			
8						12+		

Easy · 9x9

# Puzzle 19



36x	19+	126x			11+			9
		144x			3	140x	84x	
		10+	40x					72x
49x			17+	24x				
14+				19+		9+		5
	126x			12+			17+	
		23+			6	108x		
24x				1	35x		21+	3
8		48x						

Medium · 9x9

# Puzzle 20

◆

2	11+		140×			21×	18+	9
16+			3	180×				
	1-	17+			16+		2	48×
70×				2	22+		8+	
		3	63×					
216×	20×	19+		12+	6	24×		
						14+	90×	
			48×				7	
4	14+			1	8	18+		

Medium · 9×9

# Puzzle 21



36x		224x		42x			20+	
	14+		8+	56x	17+		12+	
								4
19+	15x		336x	216x				98x
				60x				
240x	10+			72x	6	13+	72x	
	12+						192x	
		9+		15+				
168x				16x		15+		

**Hard · 9x9**

# Puzzle 22

◆

24×		18+		56×			17+	3
7÷			18+			8		
	240×			24+	7+		12×	45×
90×		12+	7+			12+		
	12+						24+	
18+				90×		9		
		64×			180×		56×	
	18+		21×				2	
		14+			36×			8

**Hard · 9×9**

# Puzzle 23

◆

11+			9	17+			8+	
16+	7	16+	15+		9+	17+		
				63×			4-	
90×	2		336×		72×	8	8×	
						405×		
2-	15+	8+					2	192×
			14+	3	18+	1		
11+				18+			6	16+
17+						2		

**Expert · 9×9**

# Puzzle 24

◆

20+		9+		18+	12×			8
17+			6			10+		180×
	1	135×	16+	6	28×	216×		
							135×	
70×		9+		15+				9+
	224×				15+	6		
1	180×		8			140×	2-	
		18×			144×			84×
2	12+							

**Expert · 9×9**

# SOLUTIONS



**Puzzle 1**

150×	2	72×			9+
5	2	4	6	3	1
6	5	3×		48×	
		1	3	4	2
6+	9+				
4	3	5	1	2	6
2	1	12+			4
		3	5	6	4
10+		2		25×	
3	6	2	4	1	5
1	4	6	2	5	3
	4	6	2	5	3

**Puzzle 2**

4	12+			6×	
4	1	5	6	2	3
13+			1	9+	
6	5	2	1	3	4
6×	24×			100×	
3	6	1	4	5	2
1	2	36×			36×
		3	5	4	6
7+			2		
5	3	4	2	6	1
2	13+			5×	
	4	6	3	1	5

**Puzzle 3**

15×		18+	7+	4	6
1	3	5	2	4	6
5	4	6	3	2	120×
					1
14+	1				
2	1	3	6	5	4
3	5	14+		7+	90×
		4	1	6	2
4	72×	2			
	6	2	5	1	3
6	2	1	4	3	5

**Puzzle 4**

6	150×	14+			
6	1	3	5	2	4
5	6	48×	36×		
		4	2	3	1
6+			1-		
2	5	1	3	4	6
3	2	6	13+	150×	
			4	1	5
1	240×				3
	4	2	6	5	3
4	3	5	1	6	2
					2
					2

**Puzzle 5**

1-	19+		12×		12+
3	5	4	2	1	6
4	6	30×	3	2	1
14+			72×		
2	4	3	1	6	5
6	36×		600×		
	2	1	5	4	3
1	3	2	6	5	4
5	1	6	9+	3	2
			4		

**Puzzle 6**

18+			40×	2	17+
1	6	5	4	2	3
6	3	1	2	5	4
5	6×				
5	1	2	3	4	6
14+				14+	
4	2	3	1	6	5
24×		120×	9+		
2	5	4	6	3	1
3	4	6	5	1	2

**Puzzle 7**

3	180×			11+	
3	5	6	2	4	1
15+	1		15+		
5	1	3	6	2	4
4	2	1	5	3	6
48×		180×			
1	4	5	3	6	2
2	6	4	20×	8+	
			1	5	3
11+					
6	3	2	4	1	5

**Puzzle 8**

16×		19+			5+
2	1	6	3	4	5
4	2	360×	5		
		3	5	6	1
24×				13+	
1	5	4	6	2	3
6	4	10+			
		5	1	3	2
90×			13+		
5	3	2	4	1	6
3	6	1	2	1-	
				5	4

Puzzle 9

9+	1	6	2	105x	5	7	3	4	4	
9+	4	3	9+	6	2	1	13+	7	5	
7	7	2	5	13+	4	3	6	6	1	
175x	5	7	8+	3	24x	6	4	1	14x	2
72x	3	5	4	12x	1	6	2	2	7	
6	4	1	7	7	2	90x	5	3		
2	2	1	1	15+	7	3	5	4	4	6

Puzzle 10

9+	2	6	24x	4	7	3	15x	5	1
4	5	1	2	168x	6	7	3		
3	2	6	1	28x	7	4	5	5	
13+	5	1	7	13+	6	4	24x	3	2
10+	7	3	2	5	1	14+	6	4	
24x	6	4	12+	5	3	2	1	7	
1	21x	7	3	4	13+	5	2	6	

Puzzle 11

5x	1	5	17+	6	2	4	3	7	7	
18+	7	1	5	4	4	60x	6	2	360x	3
2	2	3	7	5	1	6	4			
6+	4	2	14+	3	1	7	5	19+	6	
21+	5	48x	6	4	3	2	2	7	1	
6	4	4	2	7	7	18+	3	1	5	
3	7	1	6	5	4	2	2			

Puzzle 12

35x	5	2	2	19+	3	6	7	96x	1	4
7	60x	5	2	3	1	1	4	6		
2	3	120x	6	4	210x	5	7	1		
9+	4	1	7	5	6	19+	3	2	2	
1	7	5	2	4	4	6	3			
3	144x	6	28x	4	1	2	2	150x	5	7
6	4	1	7	3	2	5				

Puzzle 13

<b>140x</b> 4	<b>13+</b> 3	7	2	<b>6x</b> 1	6	<b>210x</b> 5
5	7	<b>540x</b> 6	1	<b>120x</b> 4	2	3
1	<b>70x</b> 5	3	6	2	7	<sup>4</sup> 4
7	2	<b>32x</b> 1	5	3	<b>168x</b> 4	6
<b>108x</b> 3	6	2	4	5	1	7
6	1	4	<b>882x</b> 3	7	<b>11+</b> 5	2
<b>40x</b> 2	4	5	7	6	3	1

Puzzle 14

<b>16+</b> 3	<b>9+</b> 6	2	1	<b>72x</b> 4	<b>280x</b> 5	7
7	5	6	3	1	4	2
1	<b>14+</b> 2	<sup>7</sup> 7	<sup>4</sup> 4	<sup>5</sup> 5	<b>360x</b> 6	<sup>3</sup> 3
4	7	<b>60x</b> 3	5	6	2	<b>15+</b> 1
<b>15+</b> 6	1	4	<b>22+</b> 2	7	3	5
2	4	5	7	<b>168x</b> 3	<sup>1</sup> 1	6
<sup>5</sup> 5	3	1	6	2	7	4

Puzzle 15

<b>17+</b> 4	5	<b>630x</b> 7	6	3	<b>7+</b> 2	1
7	1	5	<b>42x</b> 2	<b>22+</b> 6	4	<b>11+</b> 3
<sup>1</sup> 1	<b>16+</b> 6	3	7	4	5	2
3	2	<b>96x</b> 6	5	7	1	<b>10+</b> 4
5	<b>168x</b> 3	1	4	<b>20+</b> 2	7	6
2	7	4	<b>6+</b> 3	<b>105x</b> 1	6	5
<sup>6</sup> 6	4	2	1	5	3	7

Puzzle 16

<b>35x</b> 7	1	5	<b>11+</b> 6	3	2	<b>504x</b> 4
<b>16+</b> 4	2	1	<b>17+</b> 5	7	3	6
<b>540x</b> 5	7	3	2	6	4	<b>18+</b> 1
6	3	<b>14+</b> 2	1	4	7	5
<b>24x</b> 2	6	<b>840x</b> 4	7	<b>90x</b> 1	5	<sup>3</sup> 3
1	4	7	3	5	6	<b>28x</b> 2
3	5	6	<sup>4</sup> 4	2	1	7

Puzzle 17

11+ 7	36× 9	4	1	270× 6	2 2	18+ 5	48× 3	8
4	14+ 3	42× 1	7	9	5	8	15+ 6	2
108× 9	8	3	6	5	4× 1	7	2	28× 4
6	19+ 5	9	3 3	15+ 2	4	1	21+ 8	7
2	32× 1	5	80× 8	4	9	3 3	7	6
8	4	2	5	21× 7	6 6	18+ 9	12× 1	3
12+ 5	7	64× 8	2	1	3	6	4	15+ 9
12× 1	6	22+ 7	4	3	23+ 8	2 2	180× 9	5
3 3	2	6	9	8	7	4	5	1

Puzzle 18

392× 7	8	14+ 3	4 4	126× 2	6+ 5	1	18+ 9	6
20× 1	7	6	5	9	16+ 8	2	3	4 4
5	4	8+ 2	3 3	7	6	96× 8	1 1	19+ 9
15+ 9	2	5	14+ 7	6	1	3	4	8
4	6 6	1	72× 9	16+ 8	15× 3	5	22+ 7	2
36× 2	28× 1	4	8	3	20+ 7	9	6	6+ 5
6	17+ 3	7	2 2	5	9	4	280× 8	1
3	9	23+ 8	4× 1	4	12+ 2	6	5	7
8 8	5	9	6	1	4	12+ 7	2	3

Puzzle 19

36× 4	19+ 5	126× 3	7	6	11+ 1	8	2	9 9
1	6	144× 2	8	9	3 3	140× 5	84× 7	4
9	8	10+ 1	40× 2	5	4	7	3	72× 6
49× 7	1	5	17+ 9	24× 3	8	4	6	2
14+ 6	7	4	3	19+ 8	9	9+ 2	1	5 5
3	126× 9	7	5	12+ 4	2	6	17+ 8	1
5	2	23+ 9	1	7	6 6	108× 3	4	8
24× 2	4	8	6	1 1	35× 7	9	21+ 5	3 3
8 8	3	48× 6	4	2	5	1	9	7

Puzzle 20

2 2	11+ 8	1	140× 5	4	7	21× 3	18+ 6	9 9
16+ 6	9	2	3 3	180× 5	1	7	8	4
1	1- 6	17+ 7	4	9	16+ 3	5	2 2	48× 8
70× 5	7	4	6	2 2	22+ 9	8	8+ 3	1
7	2	3 3	63× 9	8	5	4	1	6
216× 9	20× 5	19+ 8	1	12+ 7	6 6	24× 2	4	3
8	4	6	7	3	2	14+ 1	90× 9	5
3	1	5	48× 8	6	4	9	7 7	2
4 4	14+ 3	9	2	1 1	8 8	18+ 6	5	7

Puzzle 21

36x 1	9	224x 8	4	42x 3	7	2	20+ 6	5
4	14+ 6	7	8+ 5	56x 1	17+ 3	8	12+ 2	9
3	5	2	1	7	8	6	9	4 <sup>4</sup>
19+ 2	15x 3	5	336x 8	216x 6	9	4	1	98x 7
9	8	1	6	60x 5	4	3	7	2
240x 8	10+ 1	9	7	72x 2	6 6	13+ 5	72x 4	3
5	12+ 2	3	9	4	1	7	192x 8	6
6	7	9+ 4	2	15+ 9	5	1	3	8
168x 7	4	6	3	16x 8	2	15+ 9	5	1

Puzzle 22

24x 8	1	18+ 9	5	56x 4	2	7	17+ 6	3 <sup>3</sup>
7+ 1	3	4	18+ 9	2	7	8 <sup>8</sup>	5	6
7	240x 8	5	6	24+ 9	7+ 4	2	12x 3	45x 1
90x 6	5	12+ 7	7+ 2	8	1	12+ 3	4	9
3	12+ 6	2	4	7	8	1	24+ 9	5
18+ 4	2	3	1	90x 6	5	9 <sup>9</sup>	8	7
9	4	64x 1	8	3	180x 6	5	56x 7	2
5	18+ 9	8	21x 7	1	3	6	2 <sup>2</sup>	4
2	7	14+ 6	3	5	36x 9	4	1	8 <sup>8</sup>

Puzzle 23

11+ 1	6	4	9 <sup>9</sup>	17+ 2	8	7	8+ 3	5
16+ 4	7 <sup>7</sup>	16+ 6	15+ 2	8	9+ 1	17+ 3	5	9
8	4	1	5	63x 9	2	6	4- 7	3
90x 5	2 <sup>2</sup>	9	336x 6	7	72x 3	8 <sup>8</sup>	8x 1	4
6	3	7	8	1	4	405x 5	9	2
2- 7	15+ 5	8+ 3	1	4	6	9	2 <sup>2</sup>	192x 8
9	8	2	14+ 7	3 <sup>3</sup>	18+ 5	1	4	6
11+ 2	1	8	3	18+ 5	9	4	6 <sup>6</sup>	16+ 7
17+ 3	9	5	4	6	7	2 <sup>2</sup>	8	1

Puzzle 24

20+ 9	7	9+ 3	4	18+ 5	12x 6	2	1	8 <sup>8</sup>
17+ 3	4	2	6 <sup>6</sup>	8	5	10+ 1	7	180x 9
8	1 <sup>1</sup>	135x 9	16+ 7	6 <sup>6</sup>	28x 4	216x 3	2	5
6	3	5	2	7	1	8	135x 9	4
70x 5	2	9+ 8	1	15+ 4	7	9	3	9+ 6
7	224x 8	4	9	2	15+ 3	6 <sup>6</sup>	5	1
1 <sup>1</sup>	180x 5	7	8 <sup>8</sup>	3	9	140x 4	2- 6	2
4	9	18x 6	3	1	144x 2	5	8	84x 7
2 <sup>2</sup>	12+ 6	1	5	9	8	7	4	3

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# Thank You for Solving



We hope these puzzles challenged and satisfied you.

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