

# PUZZLES

This resource contains 25 puzzles, with their solutions. You could use these puzzles as a starter activity or at the end of a task as an extension activity. Logical deduction is required in each puzzle to find the next number to write in the grid. No guessing is necessary! Here is a summary of the rules for the puzzles.

## Sudoku

The grid must be filled using the numbers from 1 to 9.

Each number must appear once, and once only, in each row, column or  $3\times 3$  square.

## Futoshiki

The grid must be filled using the numbers from 1 to 5.

Each number must appear once, and once only, in each row or column.

Any inequalities in the grid must be satisfied.

### Futoshiki Tip

*Each inequality points towards the smaller number.*

## Kakuro

The grid must be filled using the numbers from 1 to 9.

The total for each row must be equal to the number shown to the left of the row.

The total for each column must be equal to the number shown above the column.

Each number must appear once, and once only, in each row or column.

### Kakuro Tip

$$3 = 1 + 2.$$

$$4 = 1 + 3.$$

$$5 = 1 + 4 \text{ neu } 2 + 3.$$

And so on!

## Killer Sudoku

The usual rules of Sudoku must be satisfied.

The total of the numbers in any shaded region of the grid must be equal to the number shown in that particular region.

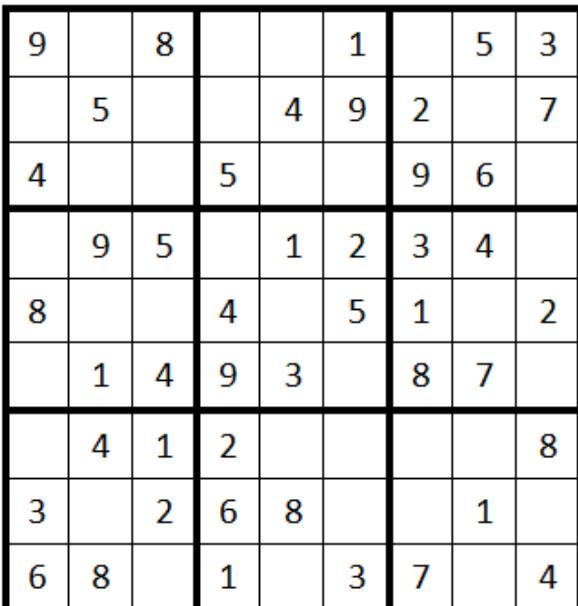
### Killer Sudoku Tip

*The total of any row, column or  $3\times 3$  square is 45.*

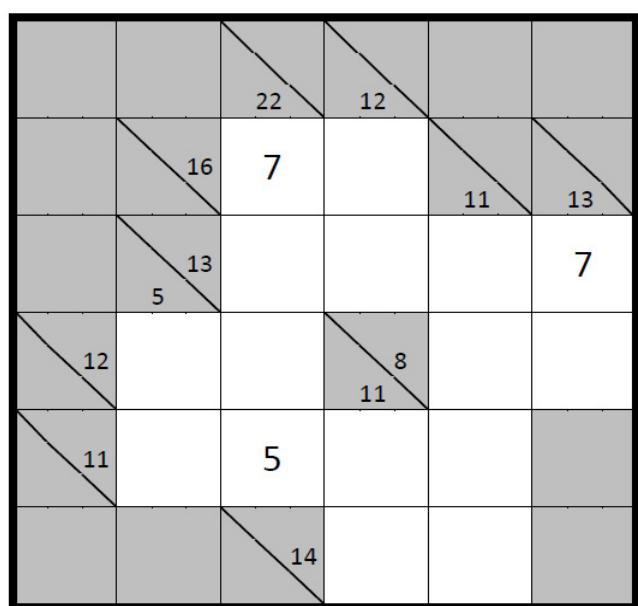
# PUZZLES

## Puzzles 1

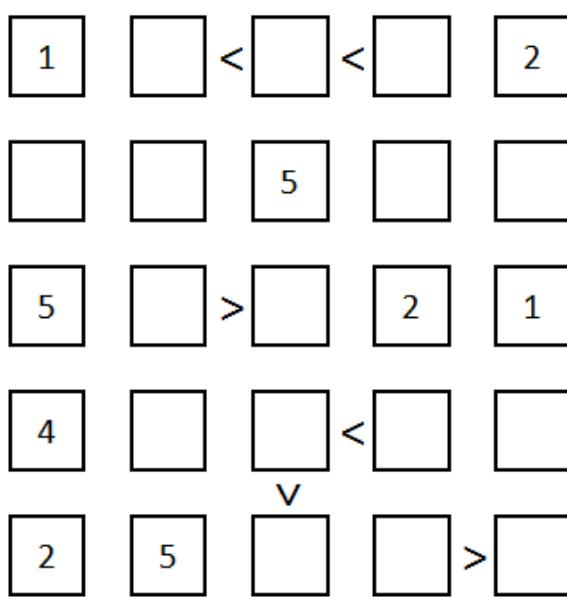
### Sudoku



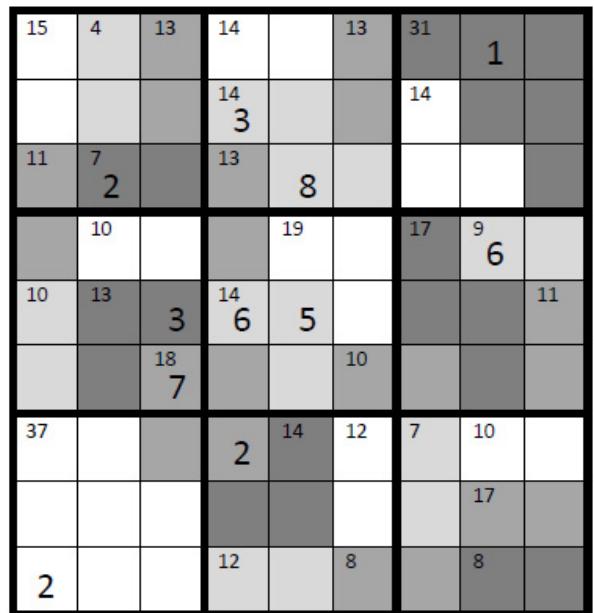
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY      **11**      +4      ×2      -10      ÷5      -2      ×3     

MEDIUM      **33**      ÷11      +7      ×5      +2      ÷4      -5     

HARD      **75**      ÷3      +7      ÷8      √( )      ×6      +9

# PUZZLES

## Puzzles 2

### Sudoku

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

### Kakuro

				4		28		
				19				14
				8				
				16				
				7				
				3				
				14				6
				15				
				6				

### Futoshiki

		5			3
Λ				Λ	
	>		1	<	
				<	
5	>		2	<	1
				Λ	
	<				
				Λ	
3			5	2	Λ

### Killer Sudoku

21		8		23			7	
9				1				
	17	3		22	15	6	10	17
6						8		2
		1			7		5	
2				10		21		19
23	16				16			4
5	14		17		20	7		8
	3	11	4				1	19
		2				3		16
	21	9					8	

### Calculate

EASY      **8**       $\times 2$        $-5$        $\times 3$        $-1$        $\times 2$        $+3$

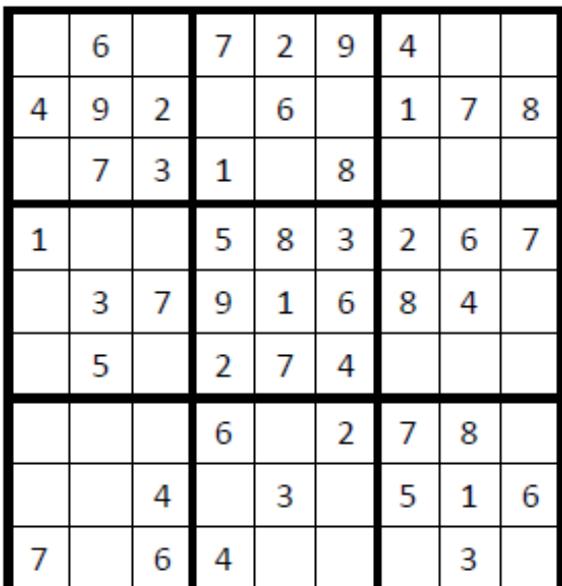
MEDIUM      **54**       $\div 2$        $+8$        $\div 7$        $x^2$        $-4$        $\div 7$

HARD      **400**       $\sqrt{ }$        $+22$        $\div 3$        $\times 5$        $+2$        $\div 9$

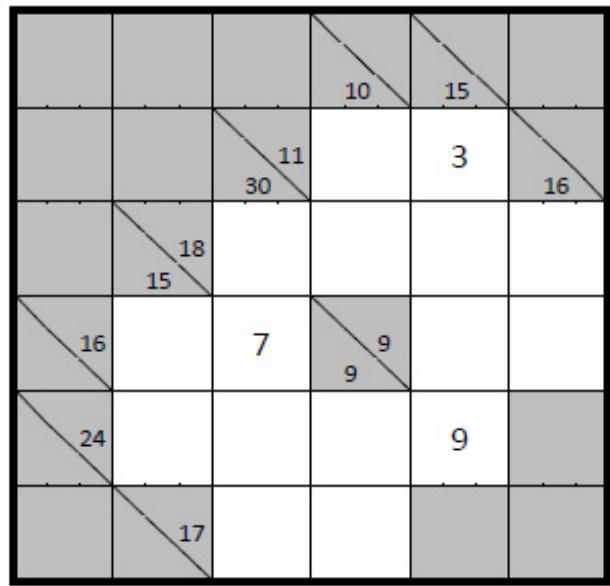
# PUZZLES

## Puzzles 3

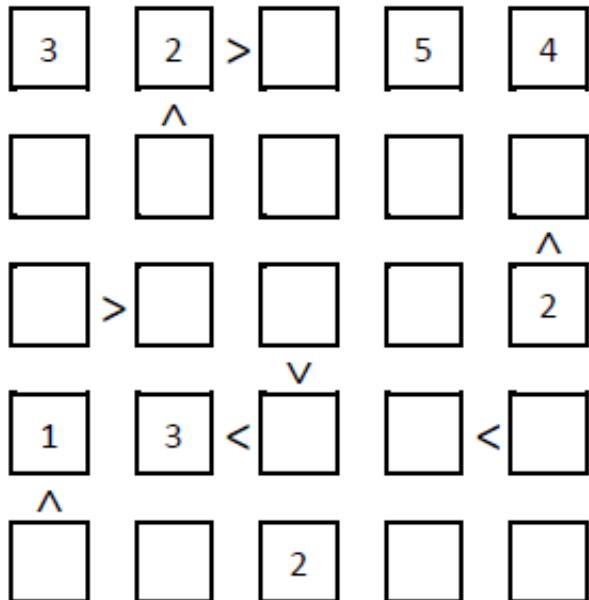
### Sudoku



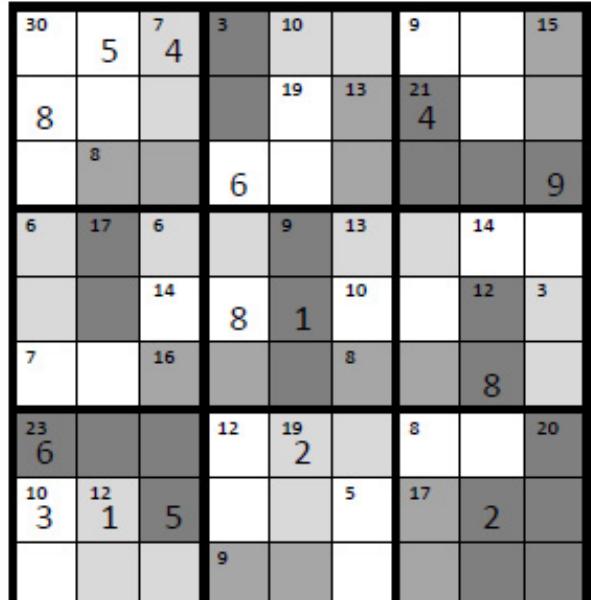
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY	9	+11	÷2	-7	×9	+3	÷3	
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MEDIUM	5	-11	×2	+15	×6	×2	÷18	
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HARD	8	$\sqrt[3]{( )}$	×12	+8	×3	÷6	$\sqrt{( )}$	
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## Puzzles 4

# Sudoku

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

Kakuro

A 10x10 grid puzzle featuring shaded gray regions and numbered diagonal segments. The grid is divided into several shaded areas: a large central light gray area, four corner dark gray quadrilaterals, and two vertical dark gray columns on the right side. Numbered diagonal segments are distributed across the grid:

- Top row: 5 (top center), 16 (top right).
- Second row: 8 (center-left), 3 (center), 25 (center-right), 2 (bottom-right).
- Third row: 22 (top-left), 8 (center), empty (center-right), 17 (bottom-right).
- Fourth row: 16 (top-left), empty (center), 13 (center-right), 12 (bottom-right).
- Fifth row: 25 (top-left), 7 (center), empty (center-right), 8 (bottom-right).
- Bottom row: 4 (bottom-left).

## Futoshiki

3	<				
V					
	<		4		1
4			2	>	
		1			
				4	
V					
	<	2		5	<

Killer Sudoku

10	16	3		14 8	11		4	13
		12	7		11			4
12		14	14		9	8	18	
10	8			19 7	4		9	11
	14			1		18	6	
14		3	14	6	17	1		13 5
	26 4			17		22	2	
2		9	6		8	3		
12		1				15	5	

## Calculate

EASY      **15**      +7      ÷2      -8      ×4      ÷3      +2

MEDIUM    **7.5**    +4.5    ×3    +1    ÷2    -2.5    ÷8

HARD	<b>20</b>	$\div \frac{1}{2}$	+5	$\div 9$	+8	$x^2$	$\times 2$	
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## Puzzles 5

# Sudoku

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

# Kakuro

A 5x5 grid puzzle where certain cells are shaded gray. The grid contains several numbered paths, each consisting of a sequence of cells connected by diagonal lines. The numbers in the paths are:

- Path 1: 16 (top-left), 11 (top-right), 13 (far-right).
- Path 2: 30 (bottom-left), 7 (center-left), 24 (center-right).
- Path 3: 10 (middle-left), 27 (bottom-center), 16 (bottom-left).
- Path 4: 15 (middle-right), 5 (center-right).
- Path 5: 12 (right-center), 3 (far-right).
- Path 6: 9 (bottom-right).

The grid has a black border.

# Futoshiki

4				3
	V			
	3	<		1
	V			
	4	<		
A		V		
2		5		
A	V			4

# Killer Sudoku

12 1	13	3	6		15	35	5	9
			15	9 1		7		8
13	10 9	15			5	9		
			3	17		6	24	11
9		14			4			4
8	11	10	16 8		13	16	9	
				12				23
13	3	16			11	7		7
	6		6				4	3

## Calculate

EASY	<b>33</b>	-6	$\div 3$	+1	$\times 4$	$\div 8$	-3	
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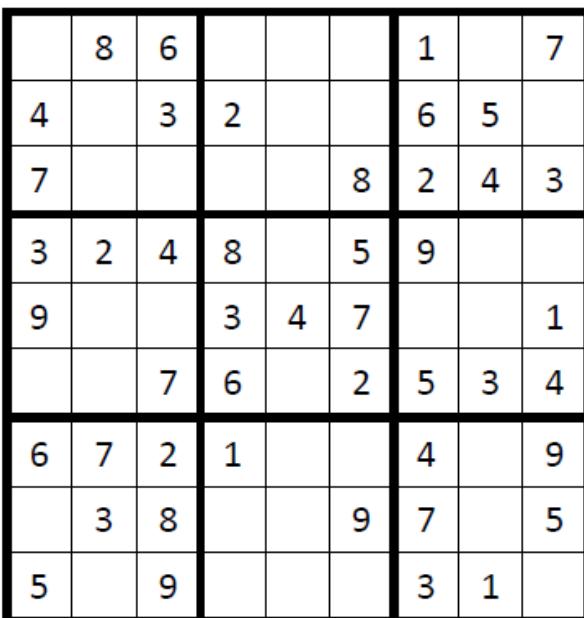
MEDIUM    **145**    +15    ÷16    ÷5     $x^3$     ×3    ÷8

HARD	<b>256</b>	$\div 2$	$+ 16$	$\sqrt{(\quad)}$	$\times 5$	$\div 12$	$- 9$	
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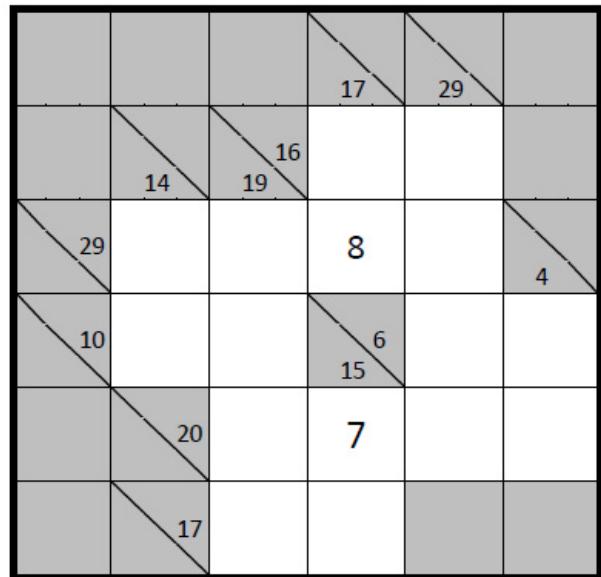
# PUZZLES

## Puzzles 6

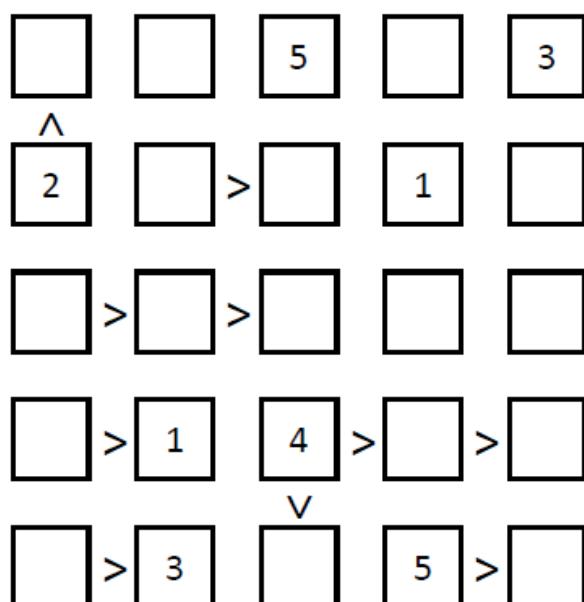
### Sudoku



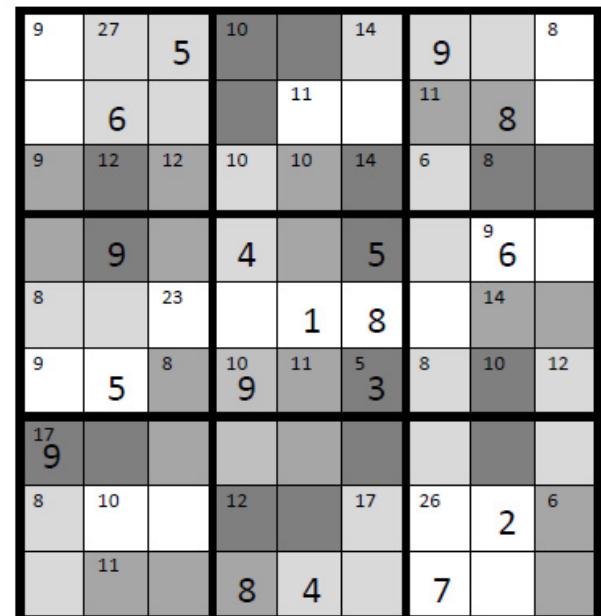
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY      **9**      +8      -11      ×4      ÷2      +9      -1     

MEDIUM      **19**      ×3      +8      ÷5      -7      ×7      +7     

HARD      **29**      ×5      +5      ÷5      -5      √( )      ÷5

# PUZZLES

## Puzzles 7

### Sudoku

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

### Kakuro


Diagonal sums:

- Top-left diagonal: 6, 25, 12, 25
- Top-right diagonal: 29, 5, 3, 16
- Middle-left diagonal: 10, 25, 14, 16
- Middle-right diagonal: 15, 7, 12, 25

### Futoshiki

4			< 3		
					Λ
5			4		
	Λ	Λ	< >		Λ
	2				
		5		>	
	2		1		

### Killer Sudoku

9	5	15	13		10	13		30	3	7
			12	17		8		6	4	
								25	1	
		4			2					
28	7	6	9		13	4		2	8	
					15				7	
	3	9	4							
9			11		5			11	4	
18	4	10		18	3	12		23	9	
		14	1		7	2		3	8	13
			10	7		5				

### Calculate

EASY	2	+5	×9	+7	÷7	-3	×2	
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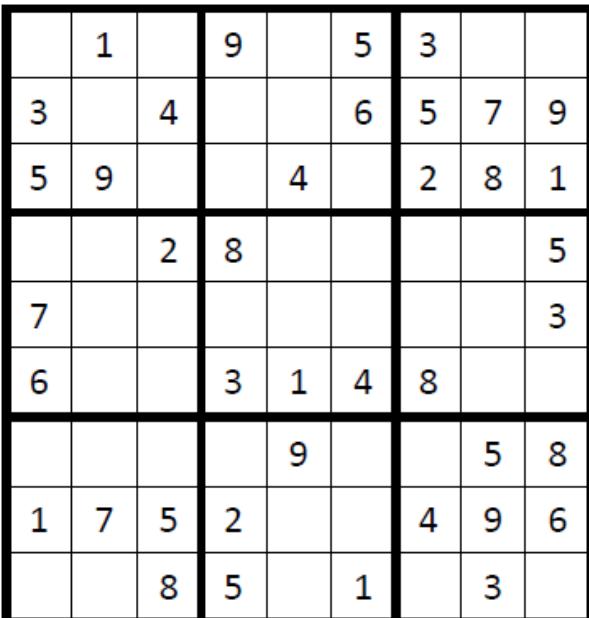
MEDIUM	8	$x^2$	÷2	×3	+4	$\sqrt{ }$	-12	
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HAED	5	$x^3$	-35	÷9	$x^3$	×3	-256	
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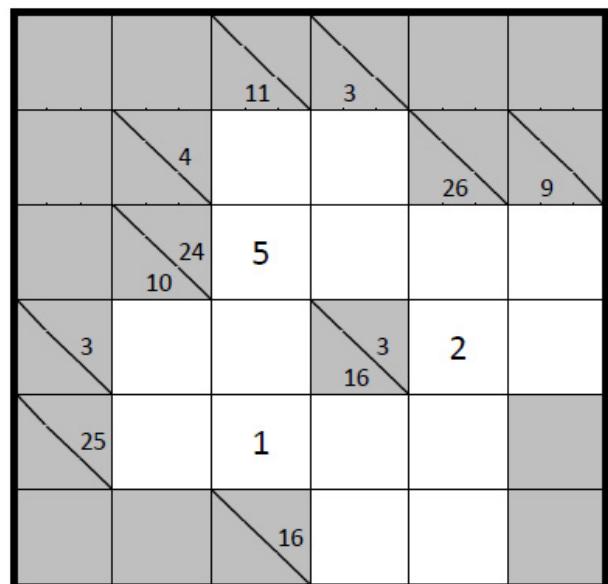
# PUZZLES

## Puzzles 8

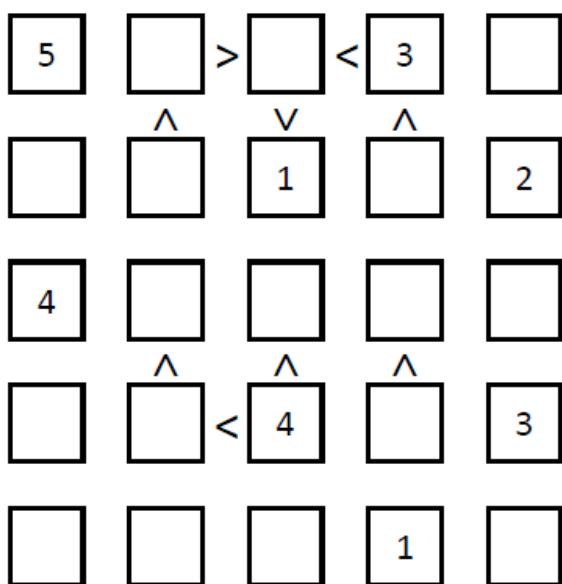
### Sudoku



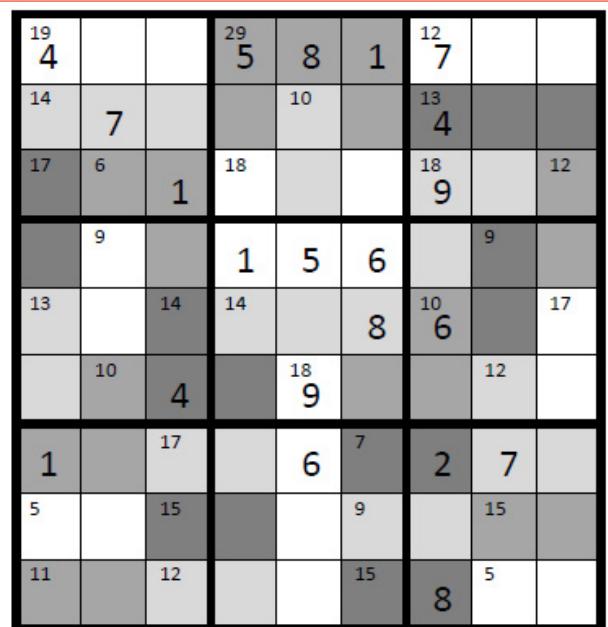
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY      **14**      +22      ÷2      -12      ×6      +6      ÷2     

MEDIUM      **125**      +67      -26      +78      -57      +73      ×2     

HARD      **7**      ÷ 1/5      +5      ÷8      ÷5      ÷1       $x^2$

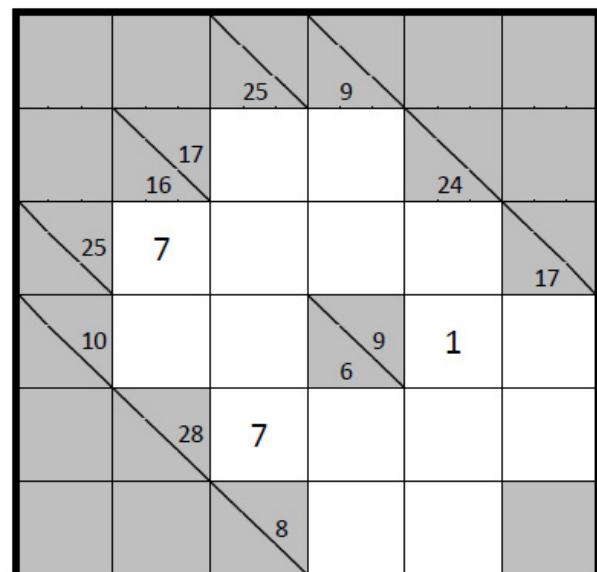
# PUZZLES

## Puzzles 9

### Sudoku

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

### Kakuro



### Futoshiki

5					2
		3		4	
	>		5		
	Λ			2	1
4		>			3

### Killer Sudoku

19 9	5	13	7	18 1		3	10	
					20 3	9	11	
	10	12	20		4		5	7
3				18	22	5		18
9	22 6			4	12			9
		9			3		20	4
29	8	3	19 9				10	3
13	9			12	12		1	15
	5	1			11 2			

### Calculate

EASY	0	+9	×4	×2	+9	÷9	+1	
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MEDIUM	0	-3	-5	+14	-9	-2	+1	
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HARD	0	$x^2$	-2	$x^2$	-1	$x \wedge 2$	$x^2$	
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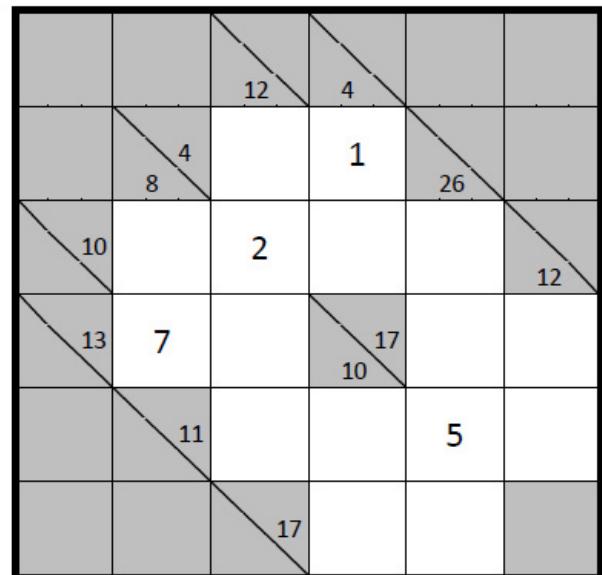
# PUZZLES

## Puzzles 10

### Sudoku

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

### Kakuro



### Futoshiki

	>	3	<		1		
3					1		
4		1					
1			>	>			
	5			3			

### Killer Sudoku

12	16	11		14	7		7	8
8			9			10	8	
	7		2	18	6	21	16	
11	5						15	8
		17			28	1	3	
7			12		5		7	11
15		6		15	7	11	3	
16	7		8	4		5		23
4				24		7		5

### Calculate

EASY	1.5	+0.5	×3	-1.5	×2	+3	-2.5	
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MEDIUM	54	×3	-2	÷16	×8	÷5	×2	
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HARD	117	×4	+32	÷5	√( )	-20	×3	
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# PUZZLES

## Puzzles 11

### Sudoku

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

### Kakuro

							13	10
							12	11
							21	
							4	
							8	4
							12	
							3	
							11	
							4	

### Futoshiki

			3 >		4
Λ					
3					
V					
5	3		<		2
V					
			5		
Λ	Λ	Λ		>	
4					

### Killer Sudoku

9	4	15		7	10	3	9	8
5			16	10		9	11	
10					12			14
8					3			9
3	12	7		3		8	2	13
			4		15	9		
15	17	10	12		7	7	7	4
		8						
16	7		13		11			
						12	3	13
						2	2	5
						6	22	

### Calculate

EASY	15	×2	+8	-12	÷2	-7	×2	
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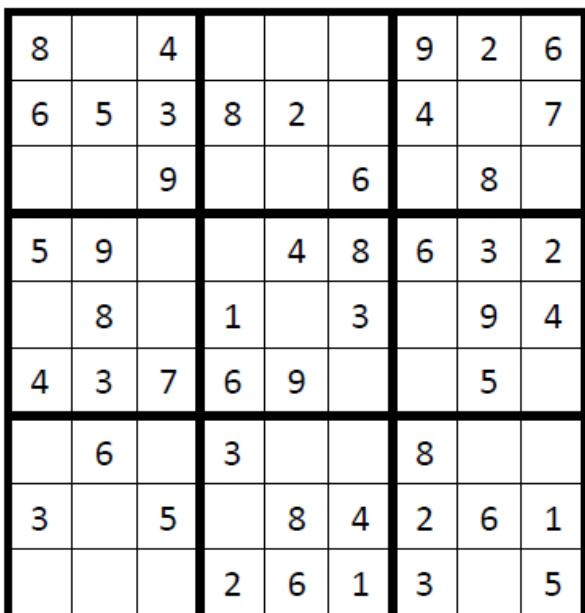
MEDIUM	63	÷9	×4	+24	÷2	+23	√( )	
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HARD	205	÷5	-19	x^2	÷4	√( )	+4	
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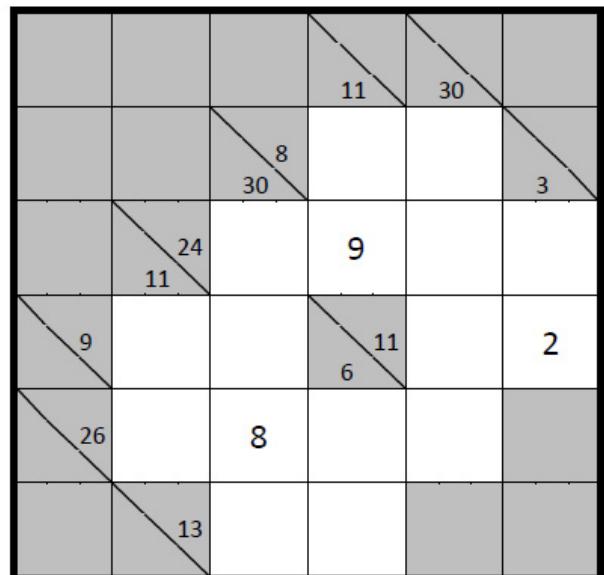
# PUZZLES

## Puzzles 12

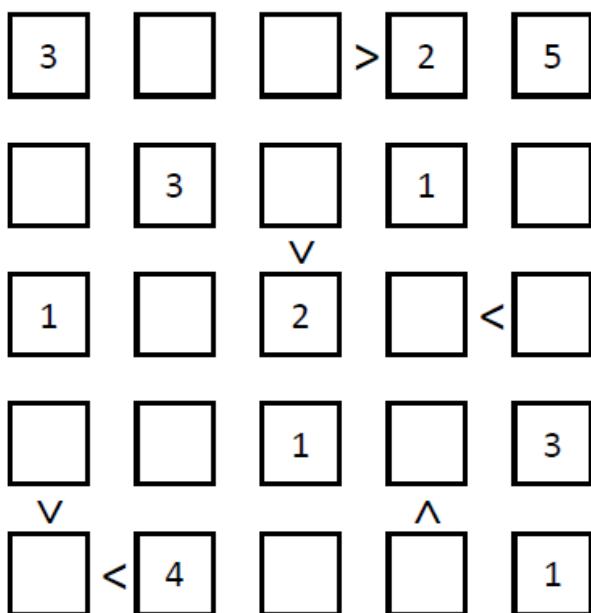
### Sudoku



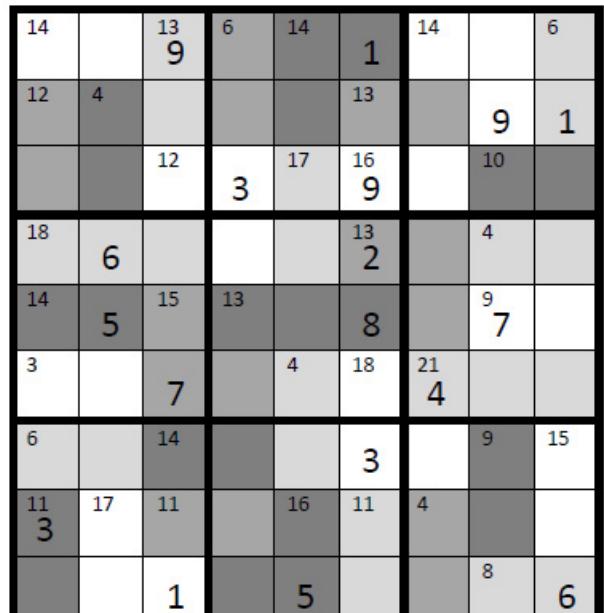
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY	5	$\div 2$	$+1/2$	$\times 3$	$-5$	$\div 2$	$\div 2$	
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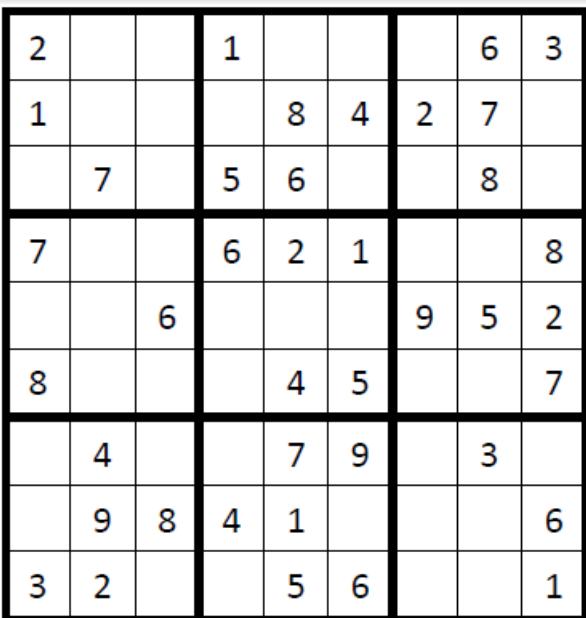
MEDIUM	124	$\div 2$	$-2$	$\div 15$	$\times 8$	$+78$	$\div 10$	
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HARD	900	$\sqrt{ }$	$\times 5$	$+10$	$\div 80$	$+4$	$\times^3$	
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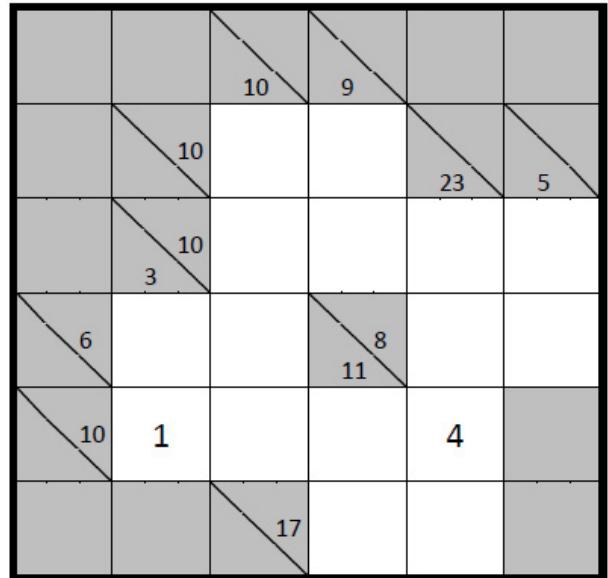
# PUZZLES

## Puzzles 13

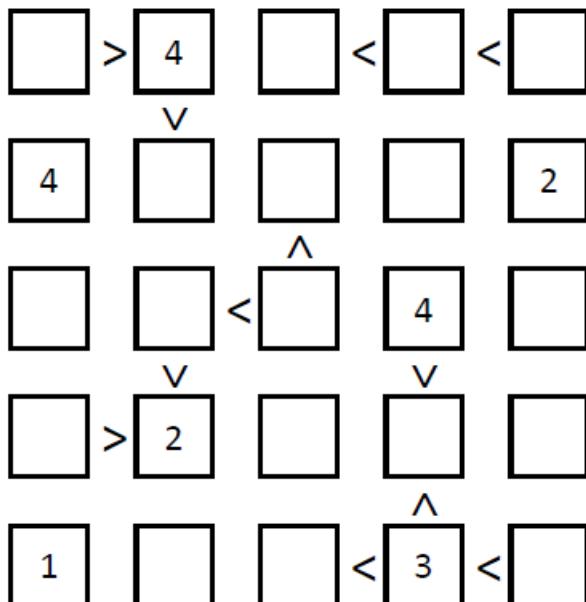
### Sudoku



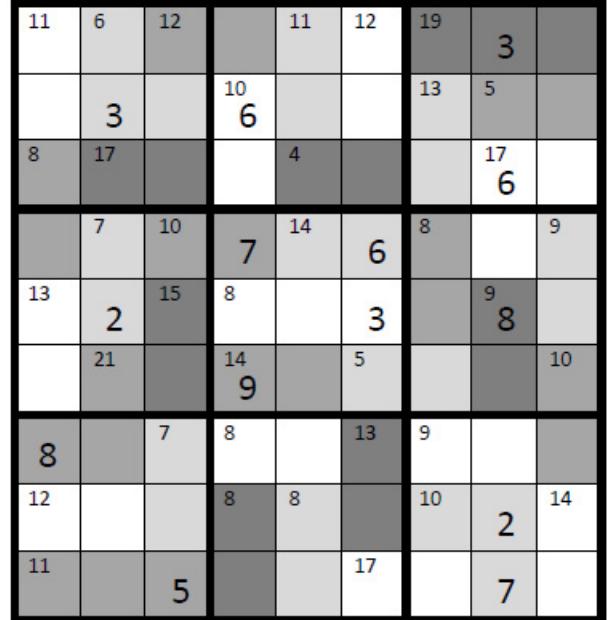
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY	7	+4	$\times 2$	+8	$\div 6$	-4	$\times 1$	
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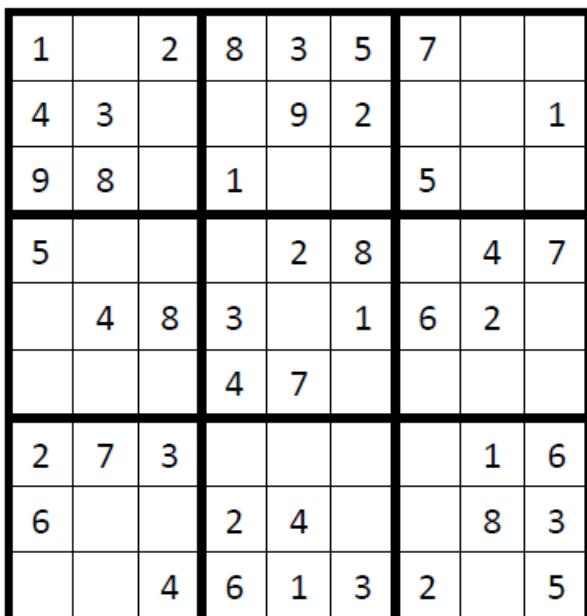
MEDIUM	56	$\div 8$	$\times 5$	+15	$\div 2$	-60	+7	
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HARD	14	$x^2$	+4	$\div 10$	$x^2$	-83	$\times 2$	
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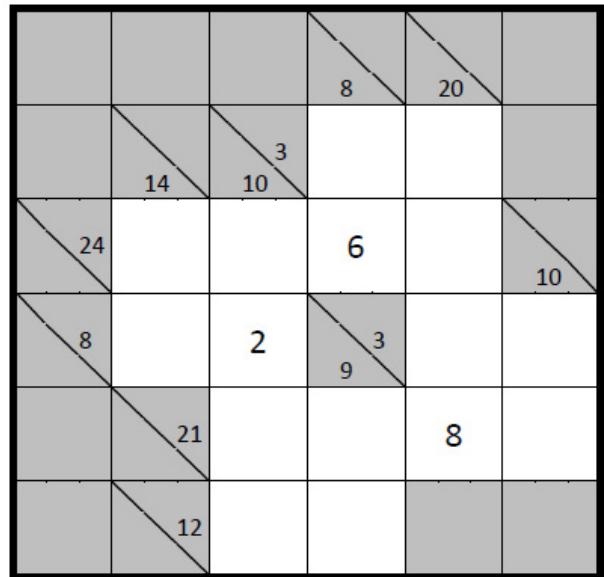
# PUZZLES

## Puzzles 14

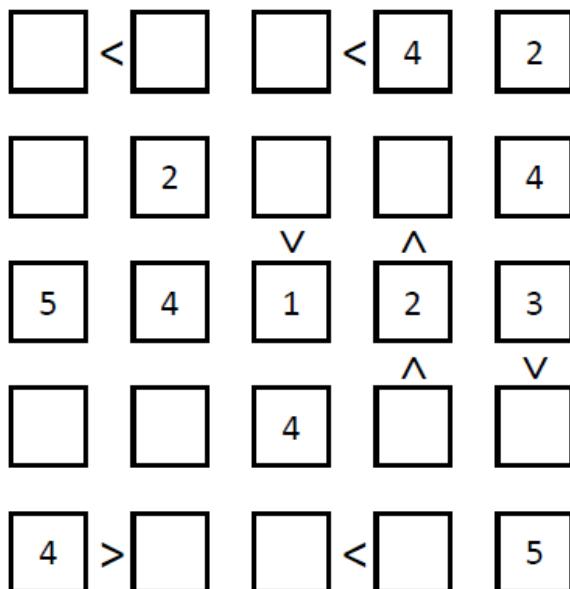
### Sudoku



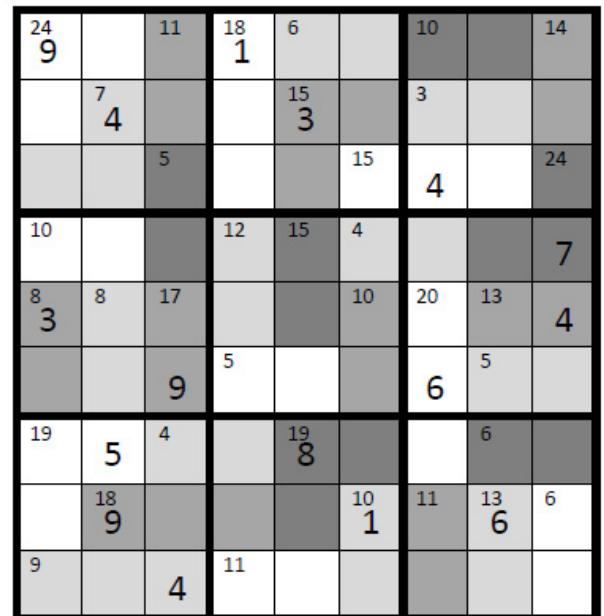
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY      0      ×3      +3      ×3      +3      ×3      +3     

MEDIUM    24      ×1/2     +3      ×1/3     +3      ×<sup>1</sup>/<sub>4</sub>     +3     

HARD       24      ×2/3     +4      ×<sup>3</sup>/<sub>4</sub>     +5      ×4/5     +6

## Puzzles 15

# Sudoku

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

# Kakuro

A 6x6 grid puzzle featuring shaded gray regions and numbered diagonal paths. The grid is divided into several shaded areas by thick black lines. Numbered paths (1 through 27) are drawn as diagonal lines connecting specific grid points. Some paths are solid, while others are dashed. The numbers are colored blue or brown.

- Path 1: Top-left corner to (1, 2)
- Path 2: (1, 2) to (2, 3)
- Path 3: (2, 3) to (3, 4)
- Path 4: (3, 4) to (4, 5)
- Path 5: (4, 5) to (5, 6)
- Path 6: (5, 6) to (6, 6)
- Path 7: (6, 6) to (5, 5)
- Path 8: (5, 5) to (4, 4)
- Path 9: (4, 4) to (3, 3)
- Path 10: (3, 3) to (2, 2)
- Path 11: (2, 2) to (1, 1)
- Path 12: (1, 1) to (1, 2)
- Path 13: (1, 2) to (2, 1)
- Path 14: (2, 1) to (3, 2)
- Path 15: (3, 2) to (4, 1)
- Path 16: (4, 1) to (5, 2)
- Path 17: (5, 2) to (6, 1)
- Path 18: (1, 4) to (2, 3)
- Path 19: (2, 3) to (3, 2)
- Path 20: (3, 2) to (4, 1)
- Path 21: (4, 1) to (5, 2)
- Path 22: (5, 2) to (6, 1)
- Path 23: (1, 5) to (2, 4)
- Path 24: (2, 4) to (3, 3)
- Path 25: (3, 3) to (4, 2)
- Path 26: (4, 2) to (5, 1)
- Path 27: (5, 1) to (6, 0)

## Futoshiki

2		3		4
	4	<		V
	>	1		>
		A	<	5
4		<		5

Killer Sudoku

11		9	6	17		13	8	2
4	9	16 9		4			12	
20		11		9		4		12
	4	3		9	13	11		3
14	9	13 2				24	7	
8			17		5	3		11
	17		4 3	8		17 4		
16	11		4		12		12	7 6
6			12		11			

## Calculate

EASY      **17**      +14      -3      ×2      ÷8      +3      ÷5      **2**

MEDIUM    **51**     $\div 3$     +27     $\div 4$     -3     $x^2$     +8    **72**

HARD    **8**     $x^3$      $\div 2$      $\div 2$      $\div 2$      $\div 2$      $\div 2$     **16**

# PUZZLES

## Puzzles 16

### Sudoku

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

### Kakuro


### Futoshiki

2					1		
	>		1				
		5			3	4	
▲							
3						1	
	V		V	V			
	1		3	<			

### Killer Sudoku

24			9	10		4		6	12
12		5	14		8		15		
	3		5	16				11	
21					15	14	16	17	
5						1			6
	14				2	5	1	11	
	5							7	11
9			11	16	16				11
8	12	9			5		9		4
			6		6		24	8	

### Calculate

EASY	12	+5	$\times 2$	-8	+6	$\div 8$	+7	
------	----	----	------------	----	----	----------	----	--

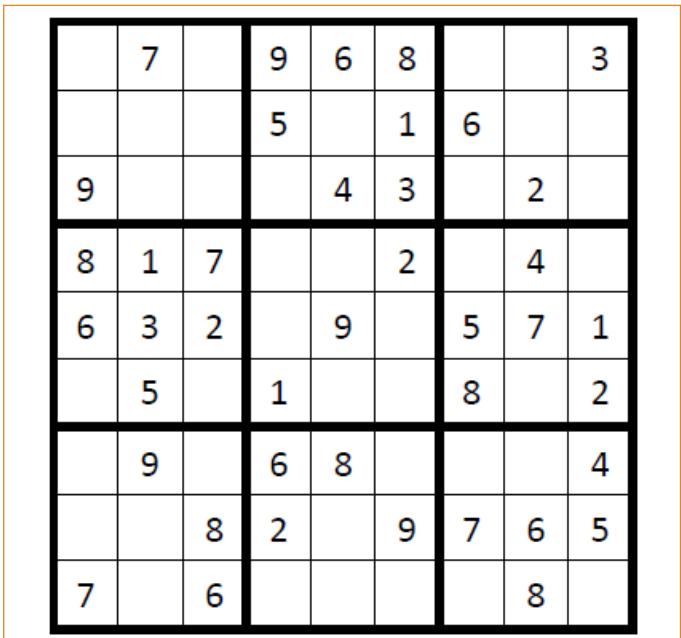
MEDIUM	25	$\times 5$	-5	$\div 6$	-24	$\times -2$	+2	
--------	----	------------	----	----------	-----	-------------	----	--

HARD	64	$\sqrt[3]{( )}$	$x^2$	$\times 4$	$\sqrt{( )}$	+2	$x^3$	
------	----	-----------------	-------	------------	--------------	----	-------	--

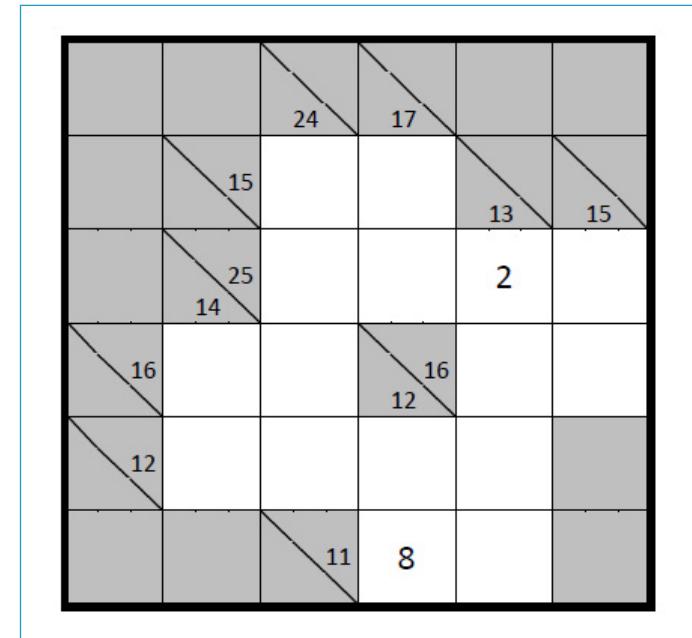
# PUZZLES

## Puzzles 17

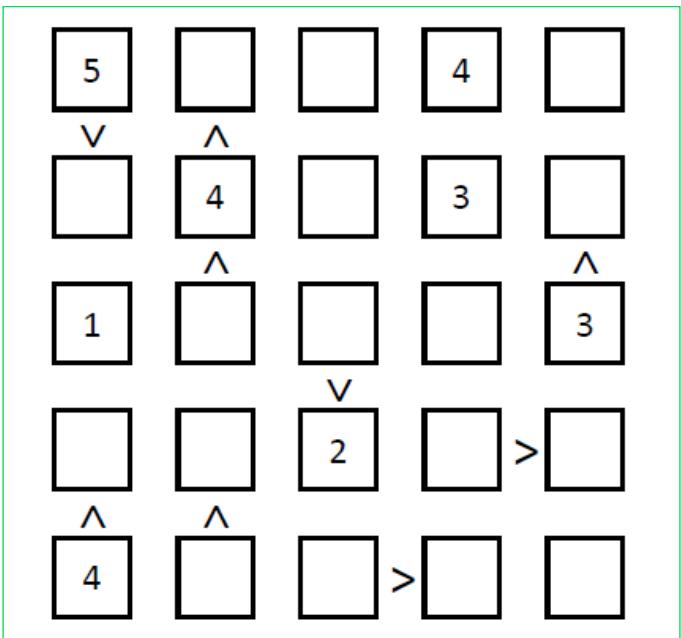
### Sudoku



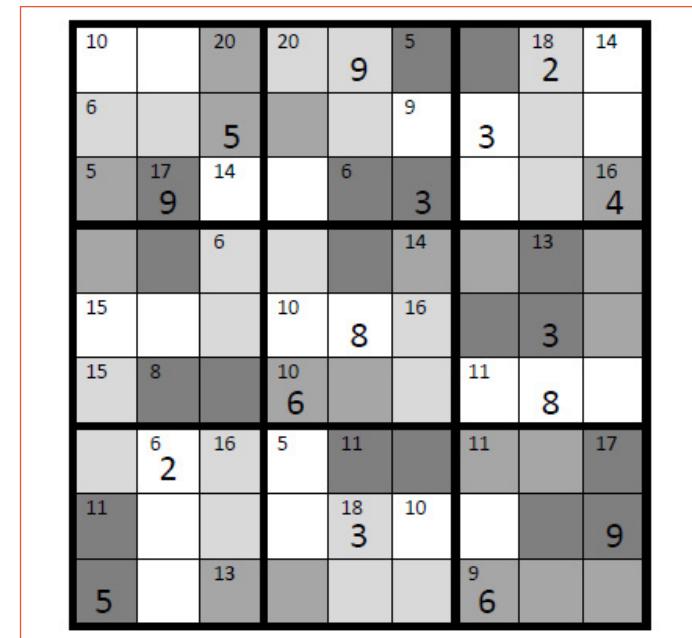
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY	<b>1.4</b>	+0.5	$\times 2$	-0.8	$\div 2$	+0.2	$\times 2$	
------	------------	------	------------	------	----------	------	------------	--

MEDIUM	<b>46</b>	$\times 3$	$\div 2$	+3	$\div 18$	+15	$\times 4$	
--------	-----------	------------	----------	----	-----------	-----	------------	--

HARD	$\frac{1}{2}$	$+\frac{3}{4}$	$\times 2$	$-\frac{3}{4}$	$\times 2$	$-\frac{3}{4}$	$\times 2$	
------	---------------	----------------	------------	----------------	------------	----------------	------------	--

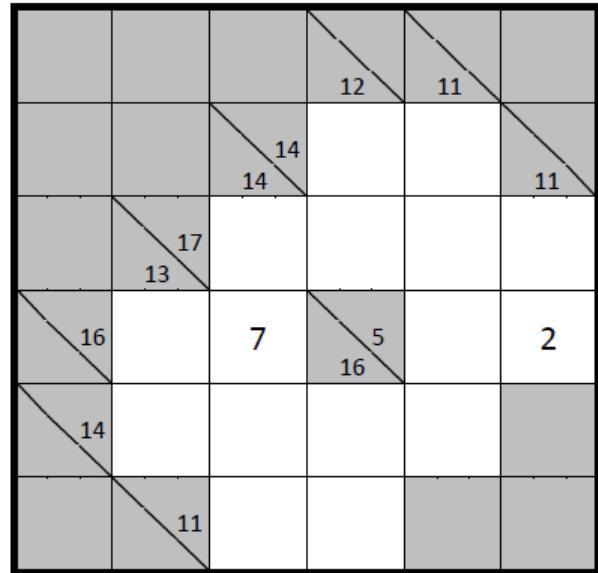
# PUZZLES

## Puzzles 18

### Sudoku

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

### Kakuro



### Futoshiki

>		4	5	2
2			4	
4	>			
	3		>	
1		<	2	<

### Killer Sudoku

6	1	12	12	6	10	17	
11	16			20		6	
6		9			13	12	11
			1			6	
	12	6	16			12	1
1		16		14		8	6
15	10		4	1	6	17	
				1			
	7	1	13		8	6	4
19		16	6		13		16
		6				1	
	6	15		6		9	

### Calculate

EASY	<b>65</b>	-5	÷5	+5	×5	+5	×5	
------	-----------	----	----	----	----	----	----	--

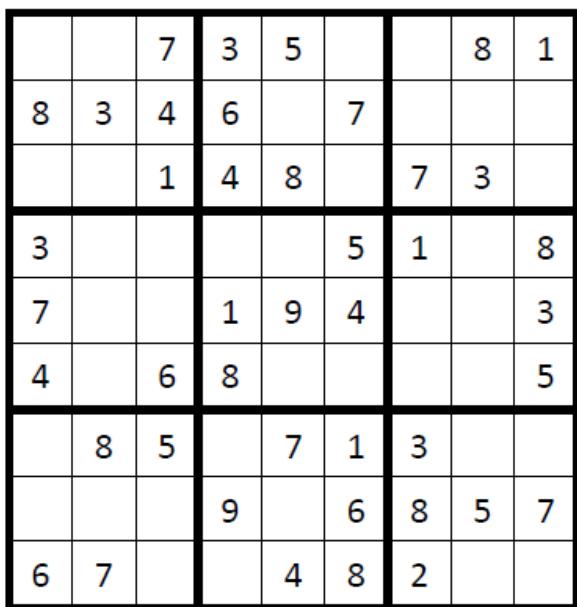
MEDIUM	<b>65</b>	-11	÷9	x <sup>2</sup>	×2	÷24	x <sup>3</sup>	
--------	-----------	-----	----	----------------	----	-----	----------------	--

HARD	<b>65</b>	×4	-4	÷32	-14	×4	+5	
------	-----------	----	----	-----	-----	----	----	--

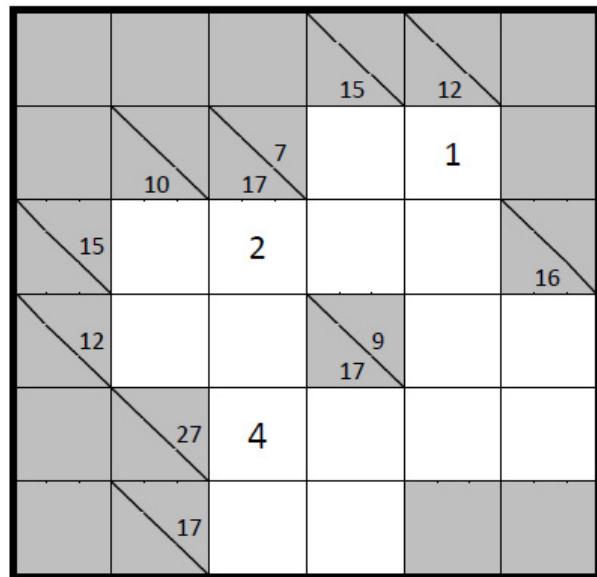
# PUZZLES

## Puzzles 19

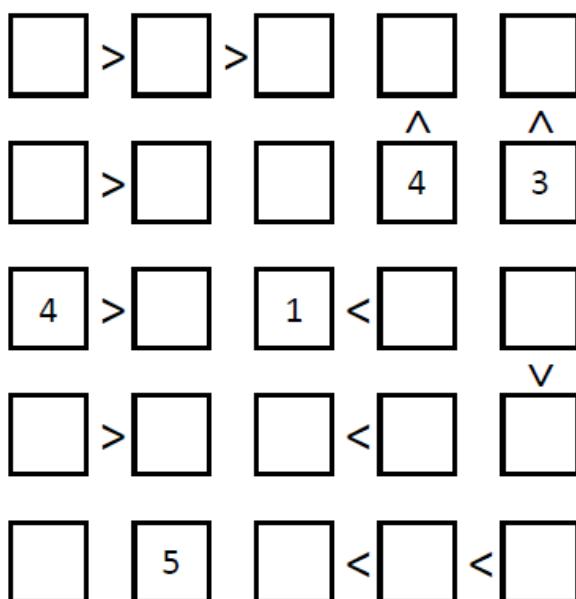
### Sudoku



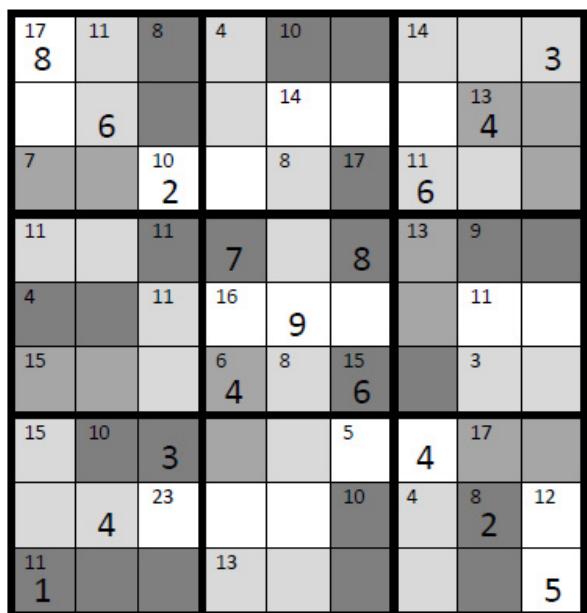
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY	<b>65</b>	-5	÷5	+5	×5	+5	×5	
------	-----------	----	----	----	----	----	----	--

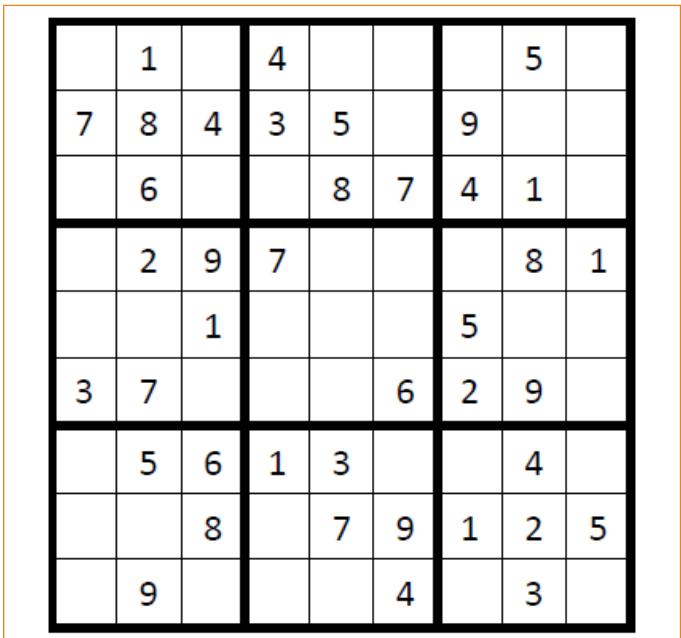
MEDIUM	<b>65</b>	-11	÷9	x <sup>2</sup>	×2	÷24	x <sup>3</sup>	
--------	-----------	-----	----	----------------	----	-----	----------------	--

HARD	<b>65</b>	×4	-4	÷32	-14	×4	+5	
------	-----------	----	----	-----	-----	----	----	--

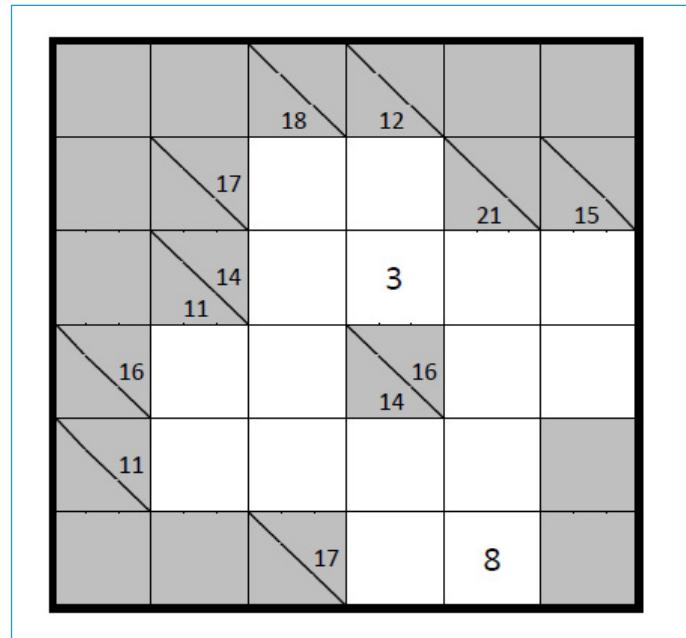
# PUZZLES

## Puzzles 20

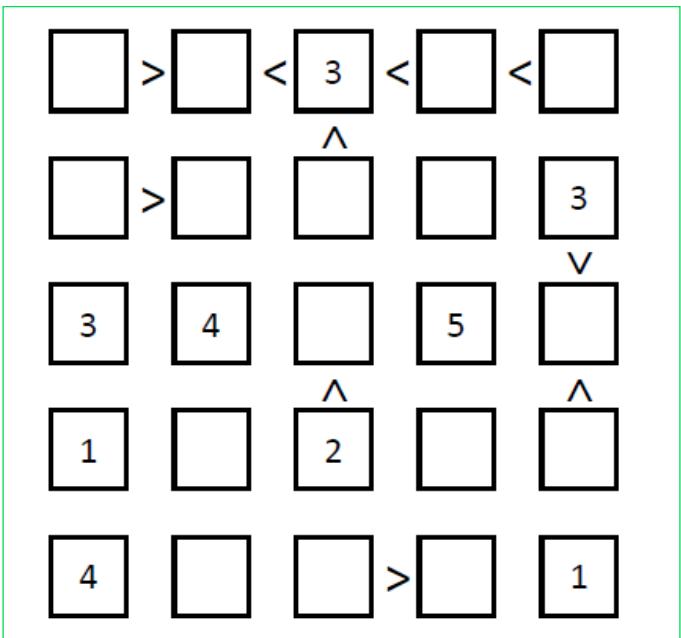
### Sudoku



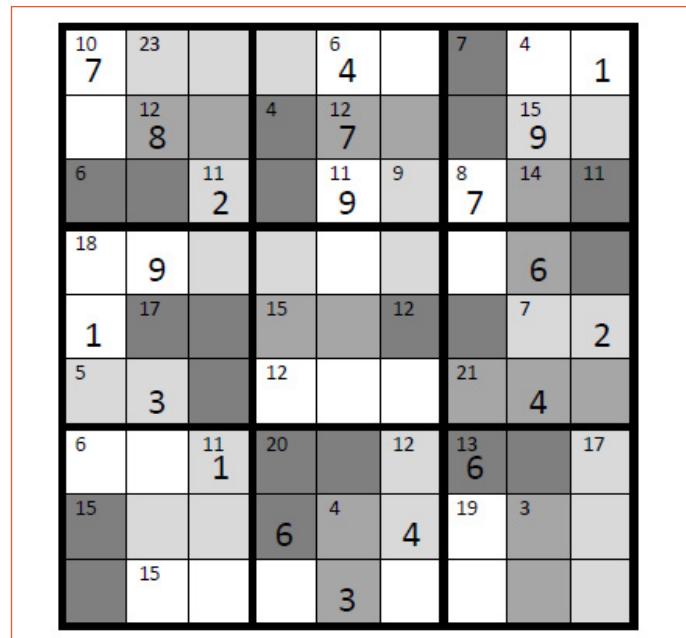
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY	1	+2	×3	-4	×5	+6	-7	
------	---	----	----	----	----	----	----	--

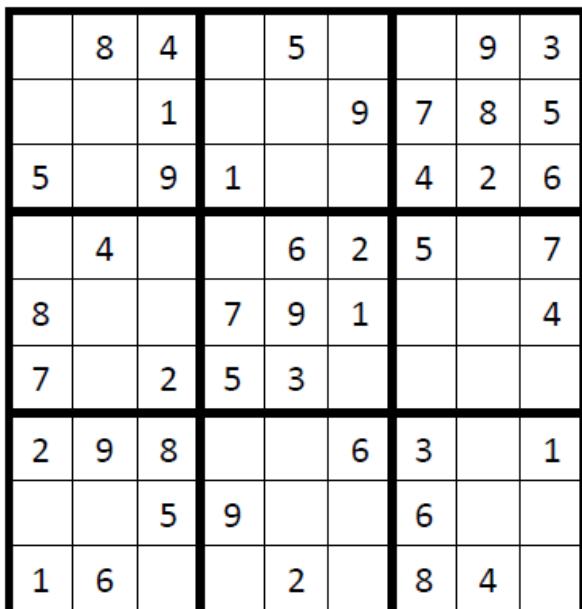
MEDIUM	1	-2	×3	+4	×5	-6	-7	
--------	---	----	----	----	----	----	----	--

HARD	1	×2	×3	×4	×5	×6	×7	
------	---	----	----	----	----	----	----	--

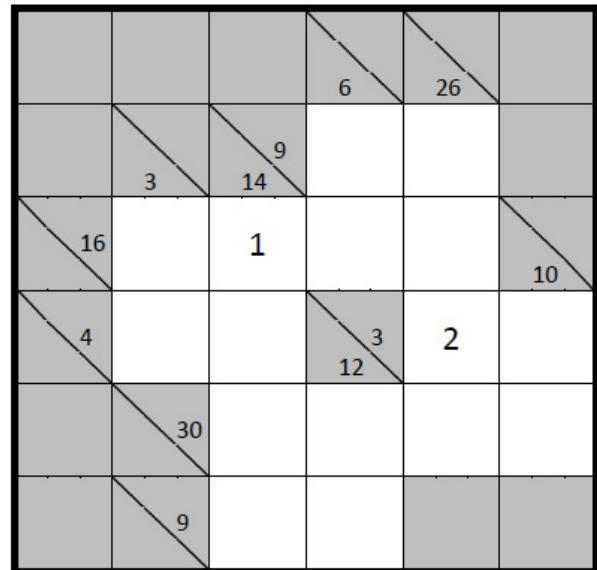
# PUZZLES

## Puzzles 21

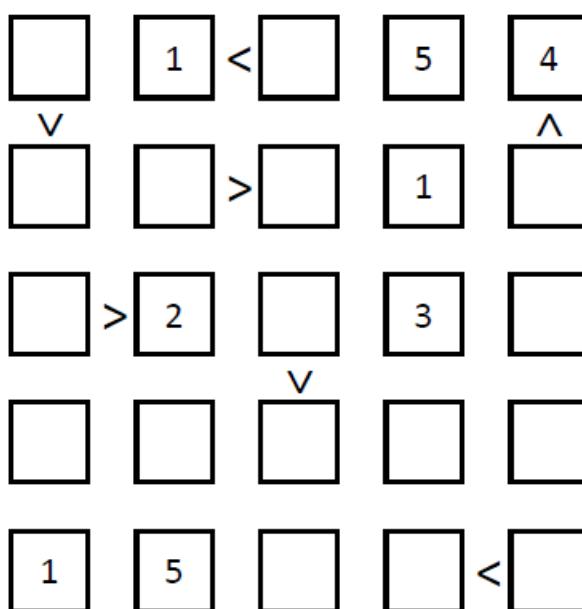
### Sudoku



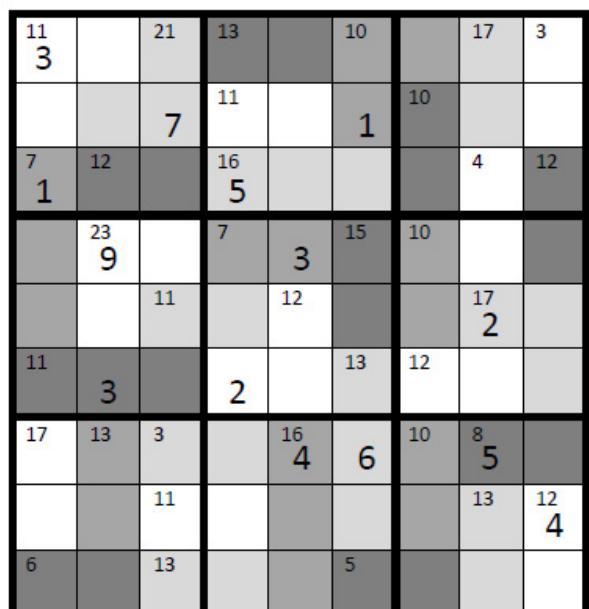
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY	<b>9</b>	$\times 2$	$-3$	$\div 5$	$+6$	$\times 3$	$-9$	
------	----------	------------	------	----------	------	------------	------	--

MEDIUM	<b>54</b>	$\div 2$	$\div 3$	$\times 4$	$\div 3$	$\div 2$	$\times 1$	
--------	-----------	----------	----------	------------	----------	----------	------------	--

HARD	<b>450</b>	$\div 9$	$+6$	$\div 14$	$\times 3$	$\div 2$	$-46$	
------	------------	----------	------	-----------	------------	----------	-------	--

## Puzzles 22

# Sudoku

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

# Kakuro

A 6x6 grid puzzle where certain cells are shaded gray. The numbers in the grid represent the sum of the values along the diagonals passing through that cell. The grid contains the following values:

	5	16		34	17
5				14	
34		6	7		9
	20	16			12
25			3		
10			10		

The shaded cells are located at (1,1), (1,5), (2,1), (2,4), (3,2), (3,5), (4,1), (4,3), (5,2), and (6,4). The numbers in the grid are 5, 16, 34, 17, 5, 14, 18, 34, 6, 7, 9, 20, 16, 12, 25, 3, 10, and 10.

## Futoshiki

A 4x5 grid of empty square boxes, likely for a logic puzzle. The grid is organized into four rows and five columns. The first three rows have a width of 4 boxes each, while the bottom row has a width of 3 boxes. The first two rows have a height of 3 boxes each, while the bottom two rows have a height of 2 boxes each. The boxes are outlined in black and are empty inside.

# Killer Sudoku

9		10		7		11		17
9	15	11 2	11	1		12	6	
			16	12	7			7
15	6				11		8	
14	2		23	6		8	3	
11	7			5	18		15	
	19	11 7				17	7	4
3	4		20			9		
	13		10 1		9		11	

## Calculate

EASY      **19**      +12      -5      ÷2      ×3      +1      ×10

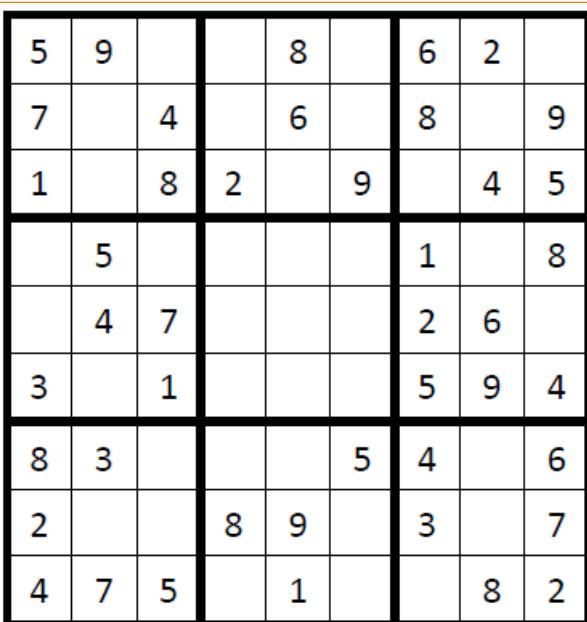
MEDIUM    **400**     $\times 20$      $\div 500$     -20     $\times -2$      $\times -2$      $\times -2$

HARD	<b>32</b>	$\times 5$	$+ 9$	$\sqrt{ } ( )$	$\times 6$	$\div 2$	$\times 3$	
------	-----------	------------	-------	----------------	------------	----------	------------	--

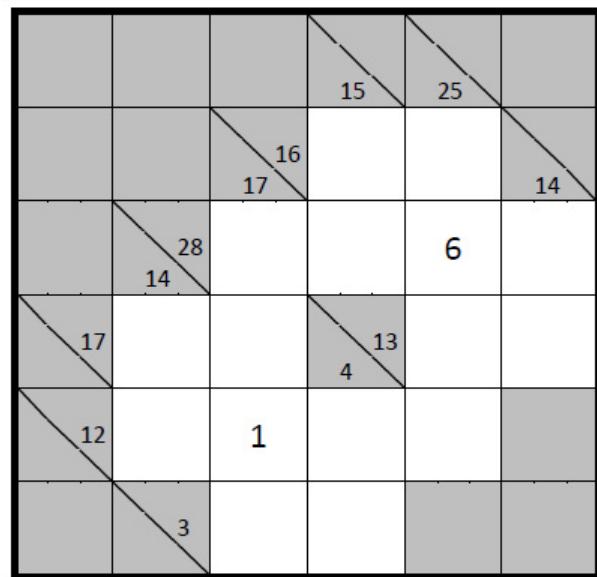
# PUZZLES

## Puzzles 23

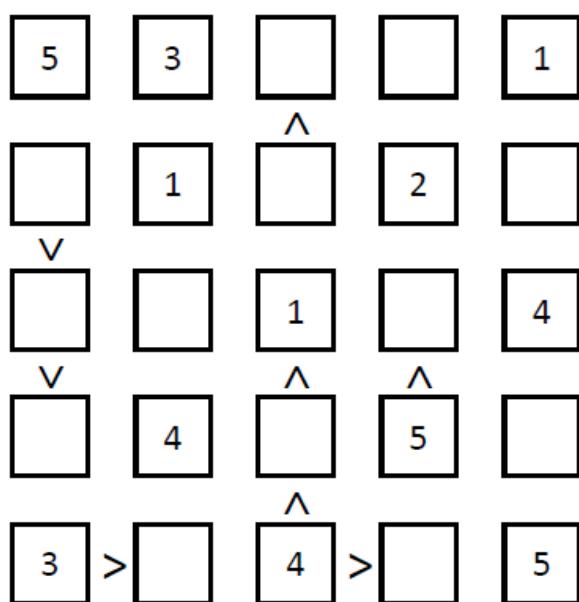
### Sudoku



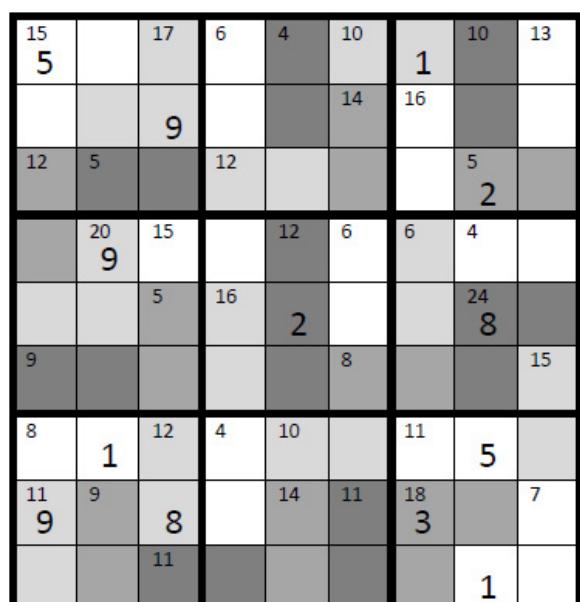
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY	<b>24</b>	$\times 2$	$-6$	$\div 6$	$\times 2$	$+4$	$\div 6$	
------	-----------	------------	------	----------	------------	------	----------	--

MEDIUM	<b>48</b>	$\div 8$	$+9$	$\times^2$	$-25$	$\div 8$	$\div 5$	
--------	-----------	----------	------	------------	-------	----------	----------	--

HARD	<b>96</b>	$\div 12$	$+1$	$\times^3$	$+1$	$\div 10$	$\times 3$	
------	-----------	-----------	------	------------	------	-----------	------------	--

# PUZZLES

## Puzzles 24

### Sudoku

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

### Kakuro

						15		11

### Futoshiki

1				2	4
	>			4	
	v				
				5	1
	v		v		
4					
	4	<		1	3

### Killer Sudoku

14	6	9	4	4	15	6	16	6
12				10		6	1	
3	16	17			14	10		14
	9							8

### Calculate

EASY      **24**      ÷6      ×3      -4      ×2      +15      ×2     

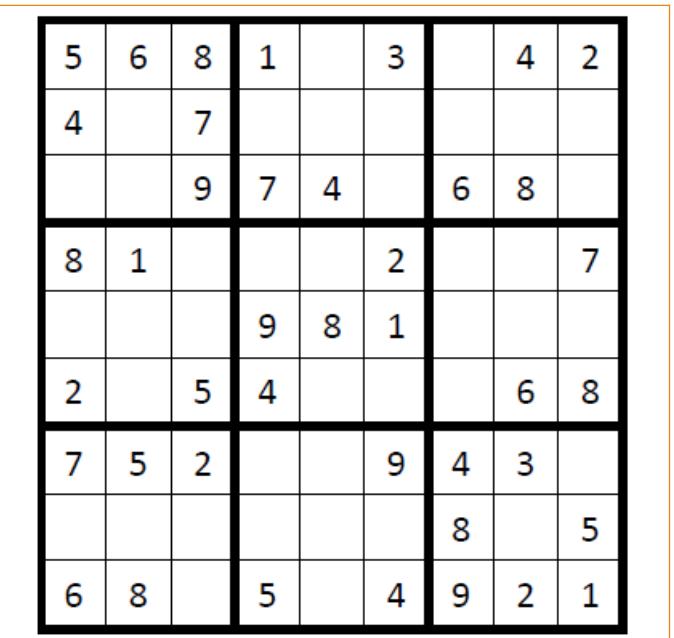
MEDIUM      **2000**      ÷20      √( )      ×3      ÷15       $x^3$        $x^2$

HARD      **12345**      ÷5      ÷3      +5      ÷9      ÷2      ÷2

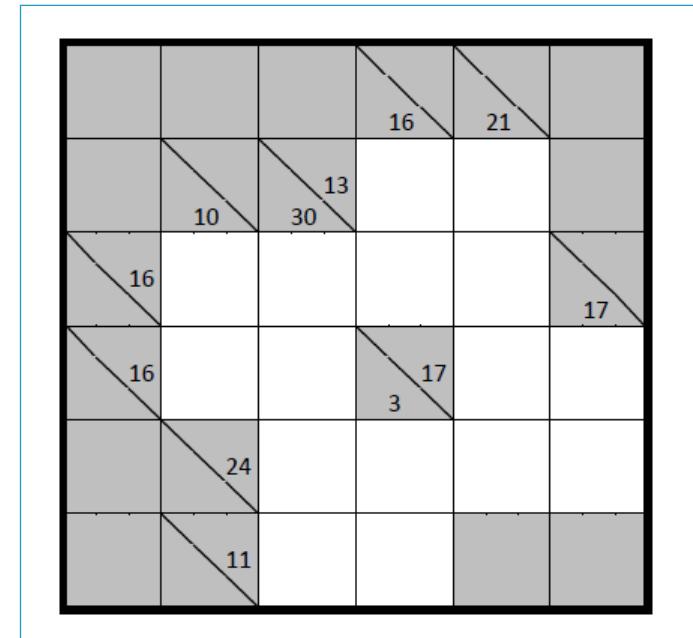
# PUZZLES

## Puzzles 25

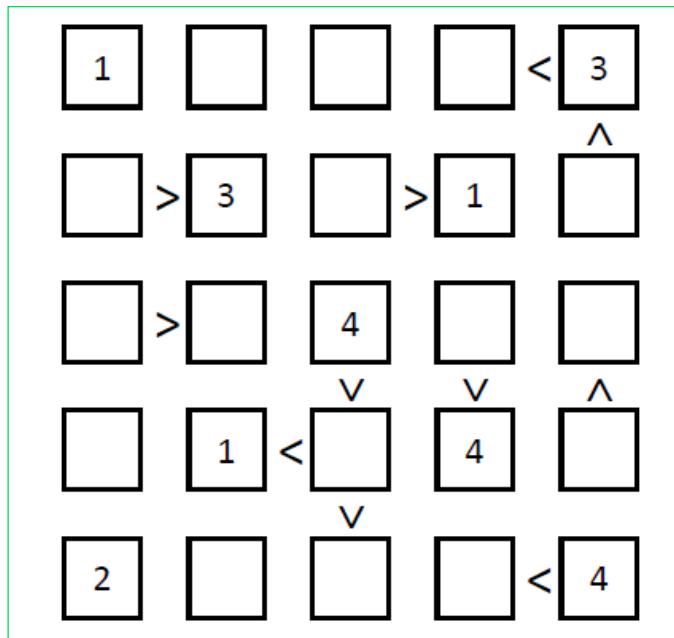
### Sudoku



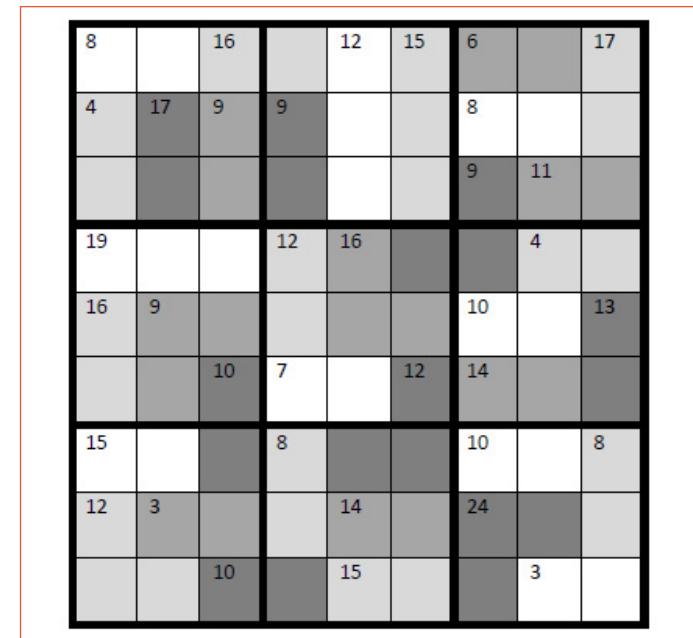
### Kakuro



### Futoshiki



### Killer Sudoku



### Calculate

EASY	17	×2	+15	÷7	+1	÷2	×5	
------	----	----	-----	----	----	----	----	--

MEDIUM	120	÷24	-9	$x^2$	×2	÷8	-4	
--------	-----	-----	----	-------	----	----	----	--

HARD	81	$\sqrt{ }$	$\div 3$	$x^3$	-19	$\sqrt[3]{ }$	$x^4$	
------	----	------------	----------	-------	-----	---------------	-------	--

# PUZZLES

## Puzzles – blank templates

**Sudoku**


**Kakuro**


**Futoshiki**


**Killer Sudoku**


**Calculate**

EASY								
MEDIUM								
HARD								