

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 3×3 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 3×3 square is 45.

PUZZLES

Puzzles 1

Sudoku

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

Kakuro

		22	12					
		16	7			11	13	
		13					7	
		5						
		12			8			
		11		5				

Futoshiki

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

Killer Sudoku

15	4	13	14		13	31	1	
			14	3		14		
11	7	2	13	8				
	10			19		17	9	6
10	13	3	14	6	5			11
		18	7		10			
37			2	14	12	7	10	
							17	
2			12		8		8	

Calculate

EASY	11	+4	×2	-10	÷5	-2	×3	
MEDIUM	33	÷11	+7	×5	+2	÷4	-5	
HARD	75	÷3	+7	÷8	√()	×6	+9	

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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				
		8						14
		19						
	16		3					
7								
3				14				6
			15					
30	6							
		16		7				

Futoshiki

	5			3			
^			^				
	>		1	<		<	
5	>		>	2	<		1
			^		^		^
	<						
						^	
3			5	2			

Killer Sudoku

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

Calculate

EASY	8	x2	-5	x3	-1	x2	+3	
------	---	----	----	----	----	----	----	--

MEDIUM	54	÷2	+8	÷7	x^2	-4	÷7	
--------	----	----	----	----	-------	----	----	--

HARD	400	$\sqrt{(\quad)}$	+22	÷3	x5	+2	÷9	
------	-----	------------------	-----	----	----	----	----	--

Kakuro

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

			10	15	
		11 30		3	16
	18 15				
16		7	9 9		
24				9	
	17				

Futoshiki

Killer Sudoku

3	2	>		5	4
	$\wedge$				
					$\wedge$
	>				2
			$\vee$		
1	3	<			<
$\wedge$					
		2			

30	5	7 4	3	10		9		15
8				19	13	21 4		
	8		6					9
6	17	6		9	13		14	
		14	8	1	10		12	3
7		16			8		8	
23 6			12	19 2		8		20
10 3	12 1	5			5	17	2	
			9					

Calculate

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

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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	2

Kakuro

			5	16	
		3		2	
8	25				
22	8				17
16			13		
			12		
	25	7			8
	4				

Futoshiki

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

Killer Sudoku

10	16	3		14	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
	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	20	÷½	+5	÷9	+8	x²	×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

				11	13			

Futoshiki

4				3
	3		1	
			4	
2		5		
				4

Killer Sudoku

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

Calculate

EASY	33	-6	÷3	+1	×4	÷8	-3	
MEDIUM	145	+15	÷16	÷5	x^3	×3	÷8	
HARD	256	÷2	+16	$\sqrt{\quad}$	×5	÷12	-9	

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Puzzles 6

Sudoku

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

Kakuro

				17	29			
				14	19			
						8		
								4
						6		
						15		
						7		

Futoshiki

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

Killer Sudoku

9	27	5	10		14	9		8
	6			11		11	8	
9	12	12	10	10	14	6	8	
	9		4		5		9	6
8		23		1	8		14	
9	5	8	10	11	5	3	8	10
17	9							
8	10		12		17	26	2	6
	11		8	4		7		

Calculate

EASY	9	+8	-11	×4	÷2	+9	-1	
MEDIUM	19	×3	+8	÷5	-7	×7	+7	
HARD	29	×5	+5	÷5	-5	√()	÷5	

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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

			12	25	
		7		3	
	6	25			
29	5				16
10			14		
		16			
		25			7
		15			

Futoshiki

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

Killer Sudoku

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

Calculate

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

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Puzzles 8

Sudoku

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

Kakuro

		11	3					
	4					26	9	
	24	5						
	10							
3				3	2			
				16				
25		1						
		16						

Futoshiki

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

Killer Sudoku

19			29	8	1	12		
4			5			7		
14	7			10		13	4	
17	6	1	18			18	9	12
	9		1	5	6		9	
13		14	14		8	10	6	17
	10	4		18	9		12	
1		17		6	7	2	7	
5		15			9		15	
11		12			15	8	5	

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	

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Puzzles 9

Sudoku

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

Kakuro

		25	9					
		17				24		
	16							
25	7							17
10				9	1			
			6					
		28	7					
		8						

Futoshiki

5				2
	3		4	
			∨	∨
	>	5		
∧				
	5		2	1
∧			∧	
4		>		3

Killer Sudoku

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

Calculate

EASY	0	+9	×4	×2	+9	÷9	+1	
MEDIUM	0	-3	-5	+14	-9	-2	+1	
HARD	0	x^2	-2	x^2	-1	x^2	x^2	

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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

			12	4				
		4		1		26		
	8			2				12
10								
	13	7			17			
			10					
			11			5		
			17					

Futoshiki

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

Killer Sudoku

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

Calculate

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

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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		
17			4		
		8	12	4	
17			3		
		11			
		4			

Futoshiki

		3	>		4
3					
5	3		<		2
				5	
4					

Killer Sudoku

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

Calculate

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

PUZZLES

Puzzles 12

Sudoku

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

Kakuro

			11	30	
		8			3
		30			
	24		9		
11					
9			11		2
			6		
26		8			
13					

Futoshiki

3			>	2	5
	3			1	
			∨		
1		2		<	
		1			3
∨				∧	
	<	4			1

Killer Sudoku

14		13	6	14	1	14		6
12	4				13		9	1
		12	3	17	16		10	
18	6				13		4	
14	5	15	13		8		9	7
3		7		4	18	21	4	
6		14			3		9	15
11	17	11		16	11	4		
3		1		5			8	6

Calculate

EASY	5	÷2	+1/2	×3	-5	÷2	÷2	
MEDIUM	124	÷2	-2	÷15	×8	+78	÷10	
HARD	900	√()	×5	+10	÷80	+4	x ³	

PUZZLES

Puzzles 13

Sudoku

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

Kakuro

		10	9					
		10			23	5		
		10						
		3						
		6			8			
				11				
		10	1			4		
				17				

Futoshiki

	>	4		<		<	
		∨					
4							2
				∧			
			<		4		
				∨		∨	
	>	2					
						∧	
1				<	3	<	

Killer Sudoku

11	6	12		11	12	19	3	
			10			13	5	
8	17			4			17	6
	7	10		7	14	6	8	9
13	2	15	8			3	9	8
	21		14		5			10
			9					
8		7	8		13	9		
12			8	8		10	2	14
11		5			17		7	

Calculate

EASY	7	+4	×2	+8	÷6	−4	×1	
MEDIUM	56	÷8	×5	+15	÷2	−60	+7	
HARD	14	x^2	+4	÷10	x^2	−83	×2	

PUZZLES

Puzzles 14

Sudoku

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

Kakuro

			8	20	
		3			
	14	10			
24			6		10
8		2	3		
		9			
	21			8	
	12				

Futoshiki

	<		<	4	2
		2			4
			∨		
5	4	1	2	3	
			∧		
		4			
				∧	∨
4	>			<	5

Killer Sudoku

24		11	18	6		10		14
9			1					
	7	4		15	3		3	
			5			15		
							4	24
10			12	15	4			7
8	3	8	17		10	20	13	4
			9	5			5	
						6		
19		5	4		19	8		6
	18	9			10	1	11	13
9			4	11				6

Calculate

EASY	0	×3	+3	×3	+3	×3	+3	
MEDIUM	24	×1/2	+3	×1/3	+3	×1/4	+3	
HARD	24	×2/3	+4	×3/4	+5	×4/5	+6	

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Puzzles 15

Sudoku

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

Kakuro

			14	8				
			15				27	
		16						
		18		2				
								17
		12				11		
				9				
			19			7		
			16					

Futoshiki

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

Killer Sudoku

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

Calculate

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

MEDIUM	51	÷3	+27	÷4	-3	x ²	+8	72
--------	----	----	-----	----	----	----------------	----	----

HARD	8	x ³	÷2	÷2	÷2	÷2	÷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

			17	13			
		7				25	7
		30				8	
		3					
4			3		10		
				10			
10							
			14				

Futoshiki

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

Killer Sudoku

24		9	10		4		6	12
12		5	14		8		15	
	3		5	16			6	11
21				15	14	16	17	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	×2	−8	+6	÷8	+7	
MEDIUM	25	×5	−5	÷6	−24	×−2	+2	
HARD	64	$\sqrt[3]{()}$	x^2	×4	$\sqrt{()}$	+2	x^3	

PUZZLES

Puzzles 17

Sudoku

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

Kakuro

		24	17		
	15			13	15
	25			2	
	14				
16			16		
12			12		
		11	8		

Futoshiki

5			4	
∨	∧			
	4		3	
	∧			∧
1				3
		∨		
		2		>
∧	∧			
4			>	

Killer Sudoku

10		20	20	9	5		18	14
6		5			9		2	
5	17	14		6	3			16
	9							4
		6			14		13	
15			10	8	16		3	
15	8		10			11	8	
	6	16	5	11		11		17
	2							
11				18	10			9
				3				
5		13				9	6	

Calculate

EASY	1.4	+0.5	×2	−0.8	÷2	+0.2	×2	
MEDIUM	46	×3	÷2	+3	÷18	+15	×4	
HARD	½	+ ¾	×2	− ¾	×2	− ¾	×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

				12	11		
			14				11
		14					
	17						
	13						
16		7	5			2	
			16				
14							

Futoshiki

	>		4	5	2
2				4	
4	>				
				∨	
	3		>		
	∧				∨
1		<		2	<

Killer Sudoku

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

Calculate

EASY	65	-5	÷5	+5	×5	+5	×5	
MEDIUM	65	-11	÷9	x ²	×2	÷24	x ³	
HARD	65	×4	-4	÷32	-14	×4	+5	

PUZZLES

Puzzles 19

Sudoku

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

Kakuro

			15	12	
		7		1	
	10	17			
15		2			16
12			9		
		17			
	27	4			
	17				

Futoshiki

	>		>			
				^		^
	>			4		3
4	>		1	<		
					v	
	>			<		
		5		<		<

Killer Sudoku

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

Calculate

EASY	65	-5	÷5	+5	×5	+5	×5	
MEDIUM	65	-11	÷9	x ²	×2	÷24	x ³	
HARD	65	×4	-4	÷32	-14	×4	+5	

PUZZLES

Puzzles 20

Sudoku

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

Kakuro

			18	12				
		17				21	15	
		14		3				
		11						
	16			16				
				14				
	11							
			17		8			

Futoshiki

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

Killer Sudoku

10	23			6		7	4	1
7				4				
	12	8	4	12	7		15	9
6			11	2	9	9	8	7
18	9						6	
1	17		15		12		7	2
5	3		12			21	4	
6		11	1	20		12	13	6
15			6	4	4	19	3	
	15			3				

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

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

Kakuro

			6	26	
		9			
3	14				
16	1				10
4			3	2	
			12		
	30				
	9				

Futoshiki

	1	<		5	4
∨					∧
		>		1	
	>	2		3	
		∨			
1	5			<	

Killer Sudoku

11		21	13		10		17	3
3			11		1	10		
7	12	7	16				4	12
1			5					
	23		7	3	15	10		
		11		12			17	
11					13	12		
	3		2					
17	13	3		16	4	6	10	8
		11					13	12
6		13			5			4

Calculate

EASY	9	×2	−3	÷5	+6	×3	−9	
MEDIUM	54	÷2	÷3	×4	÷3	÷2	×1	
HARD	450	÷9	+6	÷14	×3	÷2	−46	

PUZZLES

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

		5	16		34	17
5			14			
			18			
34		6	7			9
	20					12
16						
25			3			
10				10		

Futoshiki

	<			<	
		∨	∨	∧	
		∧			
∧				∧	
	<		>		

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
3	4			20			9	
	13			10	1		9	11

Calculate

EASY	19	+12	-5	÷2	×3	+1	×10	
MEDIUM	400	×20	÷500	-20	×-2	×-2	×-2	
HARD	32	×5	+9	√()	×6	÷2	×3	

PUZZLES

Puzzles 23

Sudoku

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

Kakuro

				15	25		
			16				14
		17					
	28				6		
	14						
17				13			
			4				
12		1					
			3				

Futoshiki

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

$\wedge$ (between row 2 col 2 and row 3 col 2)
 $\vee$ (between row 2 col 1 and row 3 col 1)
 $\wedge$ (between row 3 col 3 and row 4 col 3)
 $\wedge$ (between row 3 col 4 and row 4 col 4)
 $\wedge$ (between row 4 col 2 and row 5 col 2)
 $\wedge$ (between row 4 col 3 and row 5 col 3)
 $>$ (between row 5 col 1 and row 5 col 2)
 $>$ (between row 5 col 3 and row 5 col 4)

Killer Sudoku

15	5	17	6	4	10	1	10	13
		9			14	16		
12	5		12				5	2
	20	15		12	6	6	4	
		5	16	2			24	8
9					8			15
8	1	12	4	10		11	5	
11	9			14	11	18		7
9		8				3		
		11					1	

Calculate

EASY	24	$\times 2$	-6	$\div 6$	$\times 2$	$+4$	$\div 6$	
MEDIUM	48	$\div 8$	$+9$	$\times^2$	-25	$\div 8$	$\div 5$	
HARD	96	$\div 12$	$+1$	$\times^3$	$+1$	$\div 10$	$\times 3$	

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		
	3			16	13
	25				
8					
3		2	11	5	
			4		
14					
		11			

Futoshiki

1			2	4
	>		4	
	∨			
			5	1
		∨		
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	8
		8		9	7		18	13
7		20	6	3				
12			19		6		8	
	14	17			14		14	
12		10	9	13	13		2	6
3					13		4	

Calculate

EASY	24	÷6	×3	−4	×2	+15	×2	
MEDIUM	2000	÷20	√()	×3	÷15	x³	x²	
HARD	12345	÷5	÷3	+5	÷9	÷2	÷2	

PUZZLES

Puzzles 25

Sudoku

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

Kakuro

			16	21	
		10	13		
	16		30		
16					17
16			17	3	
		24			
		11			

Futoshiki

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

Killer Sudoku

8		16		12	15	6		17
4	17	9	9			8		
						9	11	
19			12	16			4	
16	9					10		13
		10	7		12	14		
15			8			10		8
12	3			14		24		
		10		15			3	

Calculate

EASY	17	$\times 2$	$+15$	$\div 7$	$+1$	$\div 2$	$\times 5$	
------	----	------------	-------	----------	------	----------	------------	--

MEDIUM	120	$\div 24$	-9	$\times^2$	$\times 2$	$\div 8$	-4	
--------	-----	-----------	------	------------	------------	----------	------	--

HARD	81	$\sqrt{(\quad)}$	$\div 3$	$\times^3$	-19	$\sqrt[3]{(\quad)}$	$\times^4$	
------	----	------------------	----------	------------	-------	---------------------	------------	--

PUZZLES

Puzzles – blank templates

Sudoku

Kakuro

Futoshiki

Killer Sudoku

Calculate

EASY								
------	--	--	--	--	--	--	--	--

MEDIUM								
--------	--	--	--	--	--	--	--	--

HARD								
------	--	--	--	--	--	--	--	--