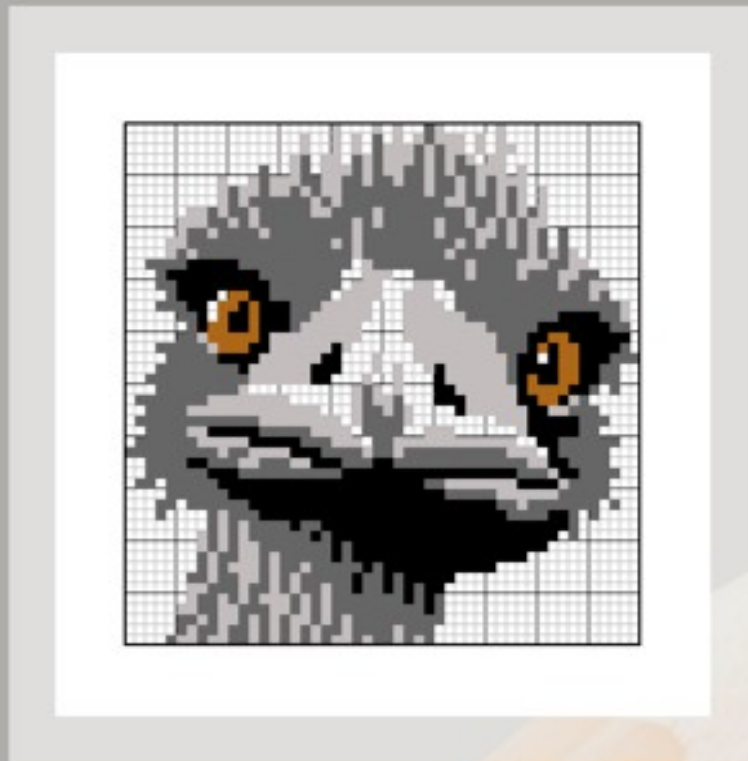


# Puzzles of logic

# GRID



Black and White + **Color**

## Demo Book

Smart Things Begin With [Griddlers.net](http://Griddlers.net)

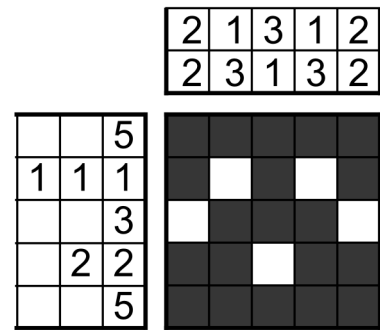
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# Griddlers

Griddlers are picture logic puzzles in which cells in a grid have to be colored or left blank according to numbers given at the side of the grid to reveal a hidden picture. In this puzzle type, the numbers measure how many unbroken lines of filled-in squares there are in any given row or column. For example, a clue of "4 8 3" would mean there are sets of four, eight, and three filled squares, in that order, with at least one blank square between successive groups.

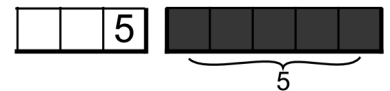


These puzzles are often black and white but can also have some colors. If they are colored, the number clues will also be colored in order to indicate the color of the squares. Two differently colored numbers may or may not have a space in between them. For example, a black four followed by a red two could mean four black spaces, some empty spaces, and two red spaces, or it could simply mean four black spaces followed immediately by two red ones.

There are no theoretical limits on the size of a nonogram, and they are also not restricted to square layouts. (From Wikipedia, the free encyclopedia)

## Basic Rules

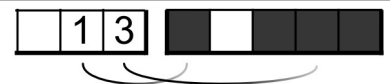
Each clue indicates a group of contiguous squares of like color.



Between each group there is at least one empty square.



The clues are already in the correct sequence.



Groups of different colors or different triangles may or may not have empty squares between them. Triangle without a number counts as 1.



## Names

Nonograms are also known by many other names, including Paint by Numbers, Griddlers, Picross, Shady Puzzles, Pixel Puzzles, Crucipixel, Edel, FigurePic, gameLO, Grafilogika, Hanjie, Illust-Logic, Japanese Crosswords, Japanese Puzzles, Kare Karala!, Logic Art, Logic Square, Logicolor, Logik-Puzzles, Logimage, Obrazki logiczne, Zakódované obrázky, Maľované krížovky, Oekaki Logic, Oekaki-Mate, Paint Logic, Shchor Uftor, Gobelini, and Tsunamii.

(From Wikipedia, the free encyclopedia)

**solo222**

**mikolaj95**

## Codface

jk330fly

**Silversvans**

Oskar

15x25

30

[illegible][illegible]

[illegible][illegible]

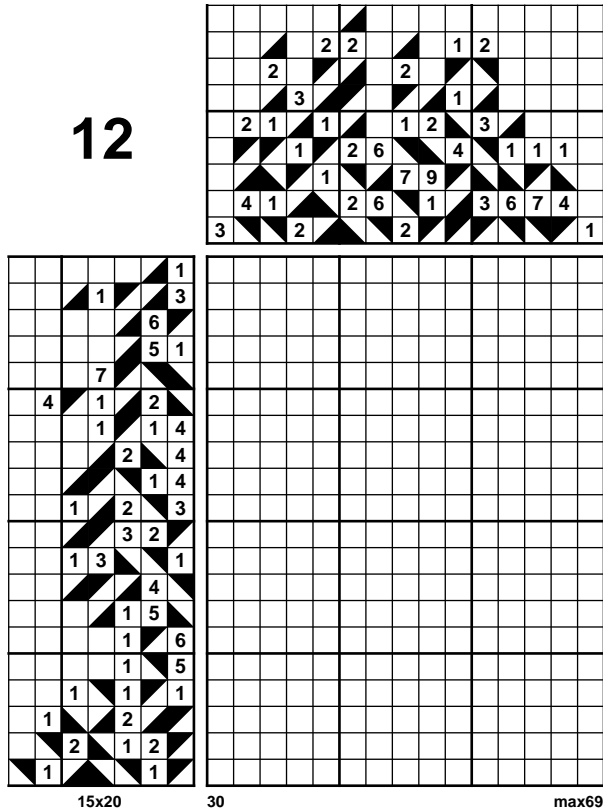
45x45

30

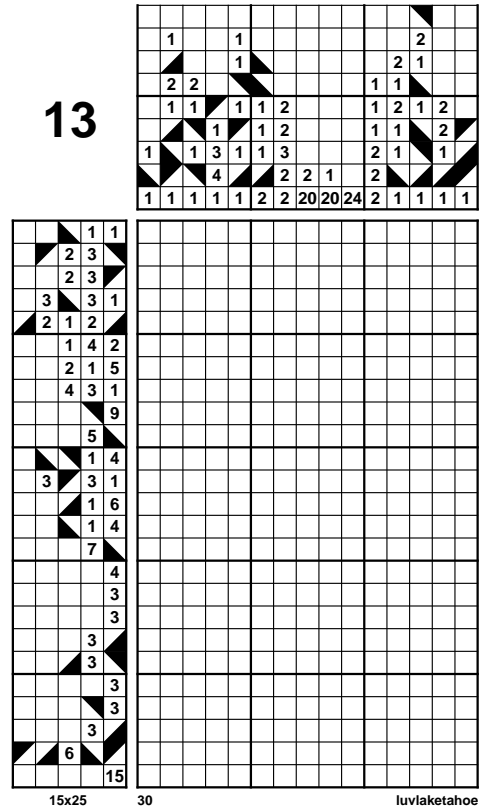
A full-page sheet of white graph paper with a uniform black grid. The grid consists of small squares, with approximately 20 squares across the width and 20 squares down the height. There are no margins or additional markings on the page.

elimaor

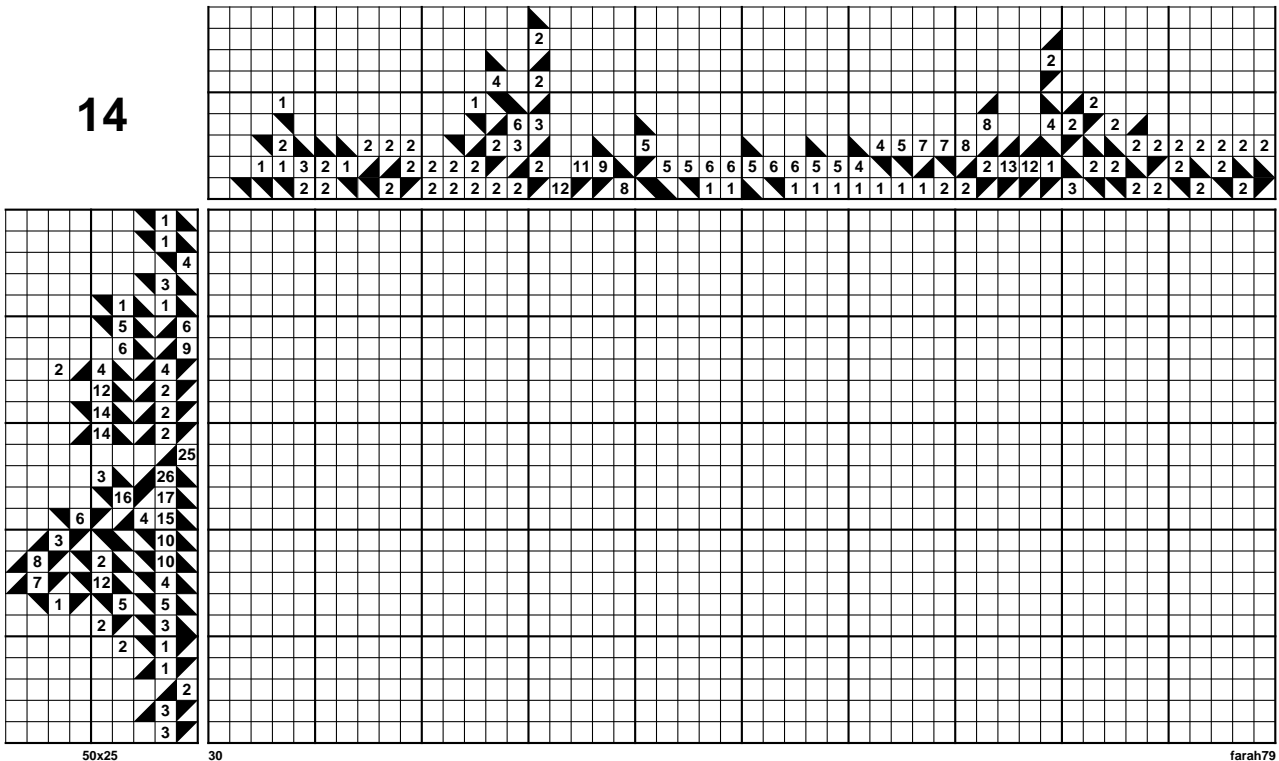
12



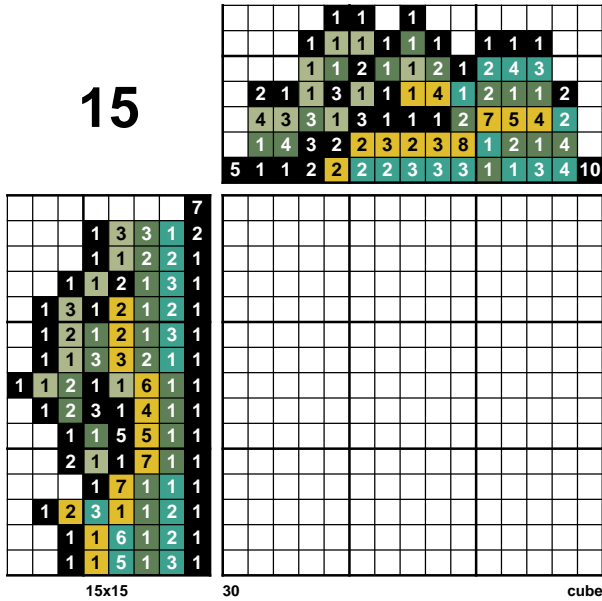
13



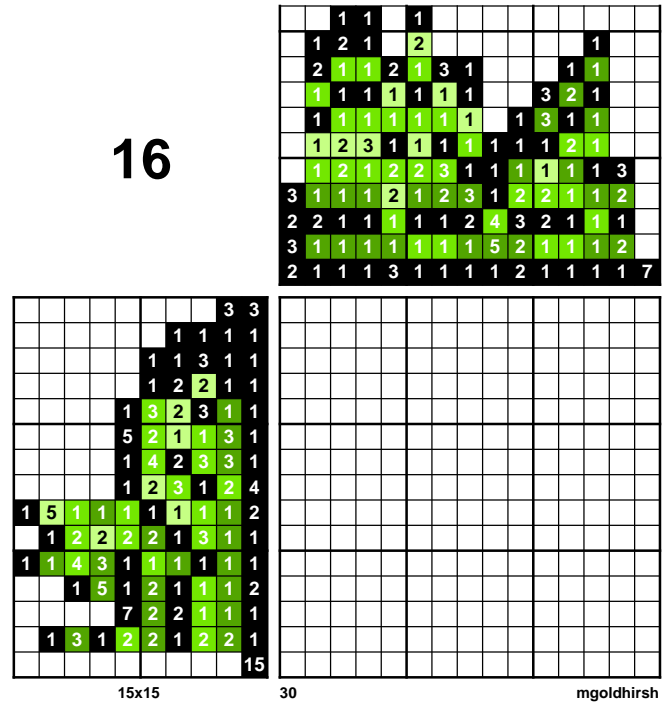
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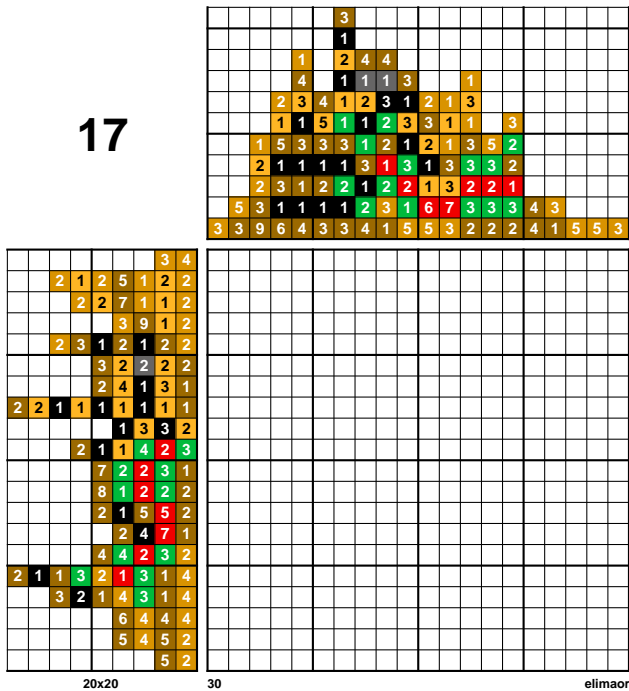
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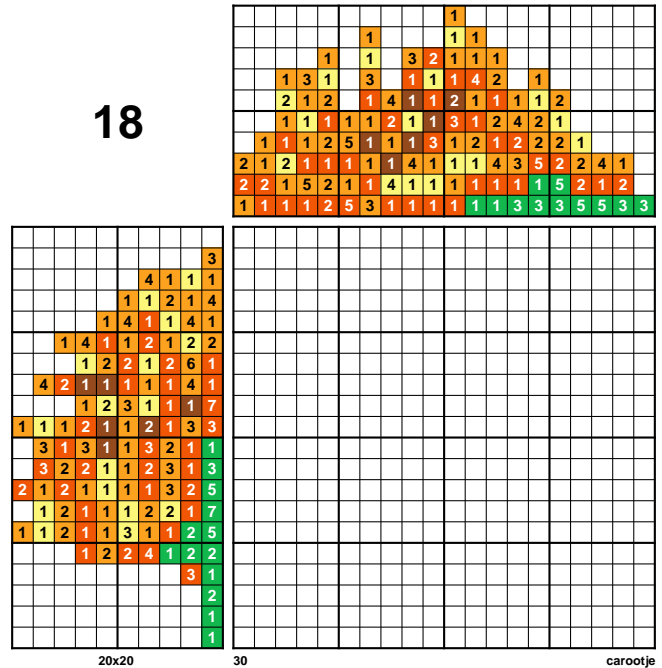
16



17



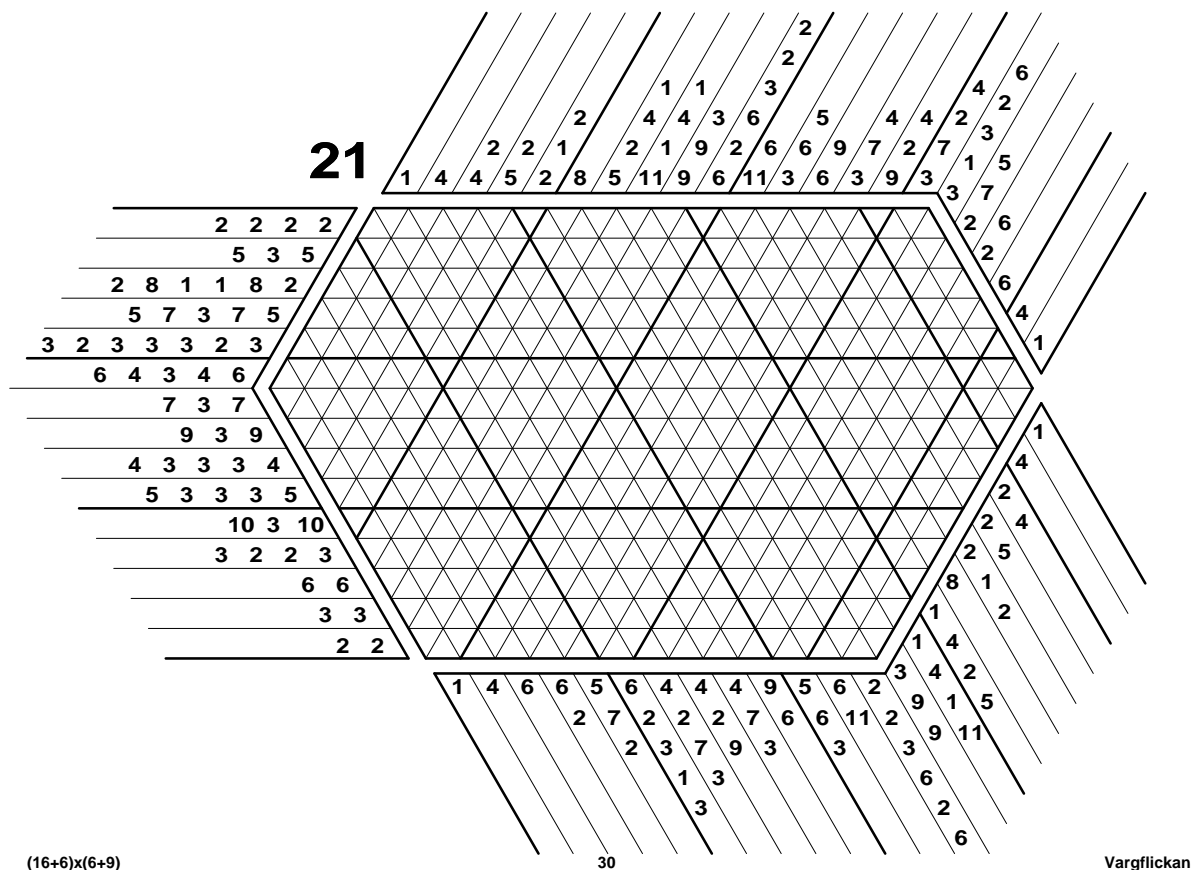
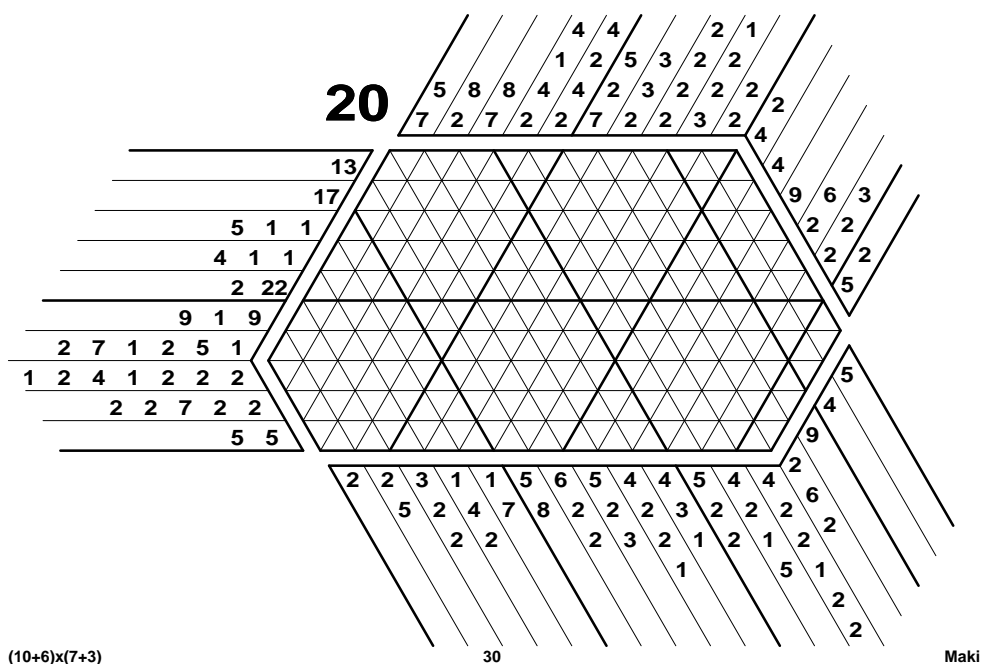
18

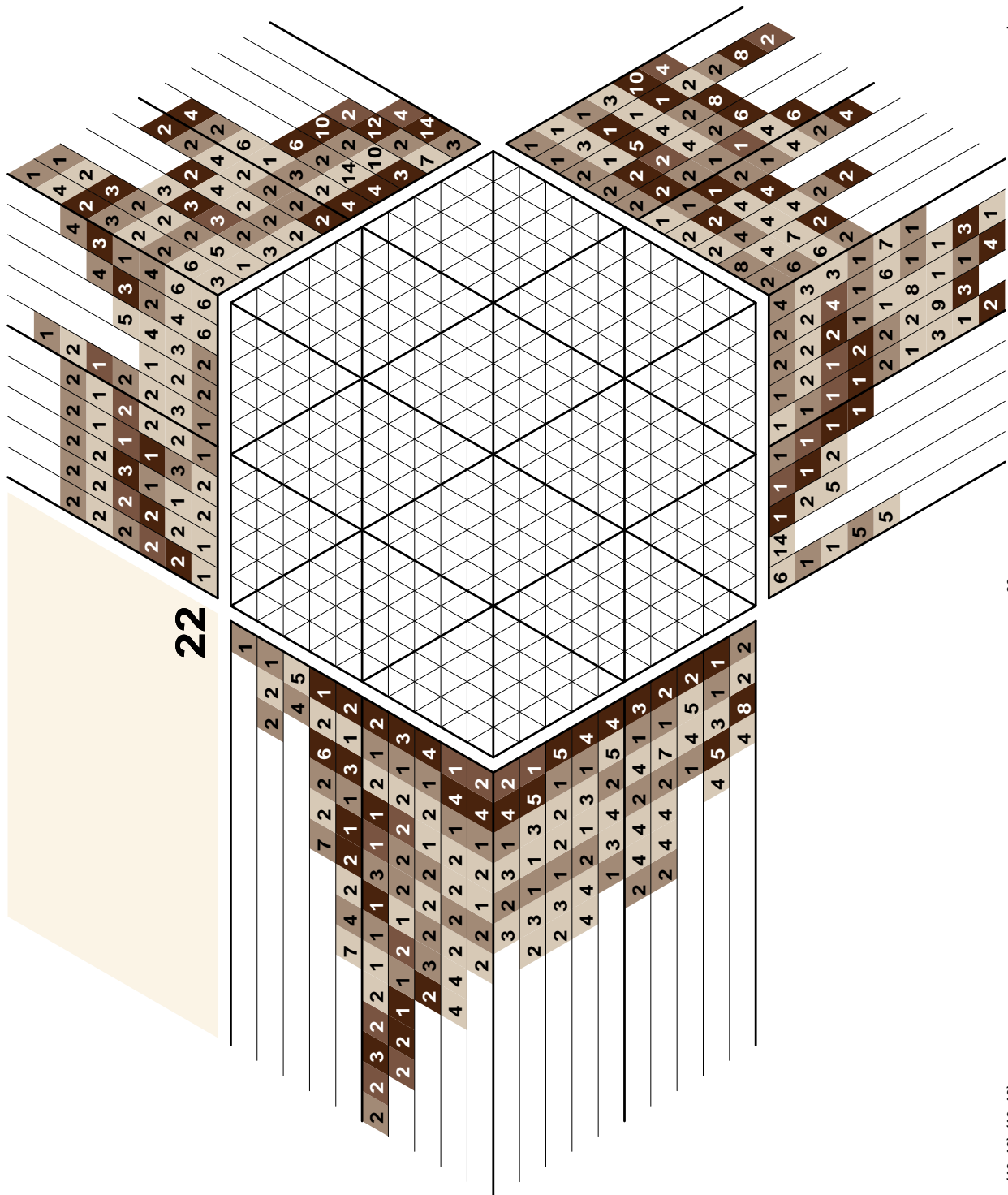




19

# Triddlers





# Sudoku

Sudoku is a logic-based, number-placement puzzle. The goal is to fill a grid with digits so that each column and each row contain the digits only once.

## No Blocks (Latin Square)

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

Latin Square is an  $n \times n$  array filled with  $n$  different digits, each occurring exactly once in each row and exactly once in each column.

### Latin Squares Rule:

- Each column and each row contain the digits only once.

**23** 30

		1		
	3		5	
5		4		2
	2		1	
		5		

**24** 30

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

**25** 30

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

**26** 30

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

**27** 30

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

## Diagonal Variants

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

It is common to add limits on the placement of the digits, beyond the usual row and column. One of the limits is the Diagonal Variant.

### Diagonal Variants Rule:

- Every diagonal line contains each of the digits only once.

**28** 30

				3	
			5		
				5	
	4				3
1		6			
			3		

**29** 30

		1			
			1		2
	5				
	4				
			2		3
		6			

**30** 30

				5	
1			2		
	4				
				2	
		6			5
	2				

**31** 30

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

**32** 30

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

## Rectangular Blocks

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

The most common limit is the Rectangular Blocks. A 9x9 grid has 9 blocks, as seen in the picture.

### Rectangular Blocks Rules:

- Each column and each row contain the digits only once.
- Every block contains each of the digits only once.

**33**

30

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

**34**

30

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

**35**

30

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

**36**

30

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

**37**

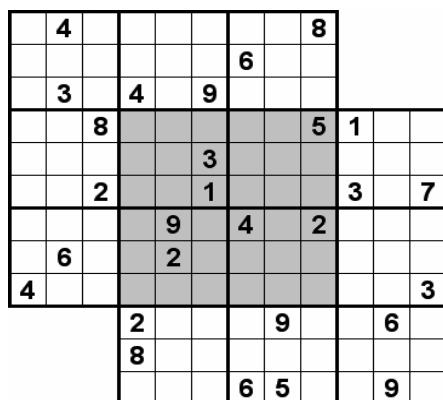
30

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

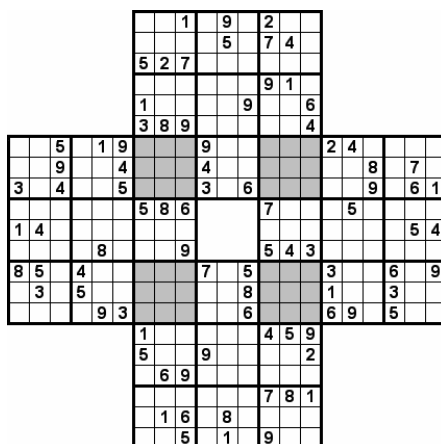
## Overlapping Variants

Overlapping variant consists of several puzzles. Shared blocks are highlighted by a different color. Here are some examples of overlapping Sudokus:

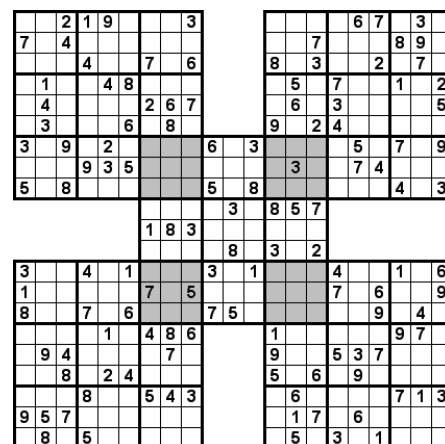
Double-Doku



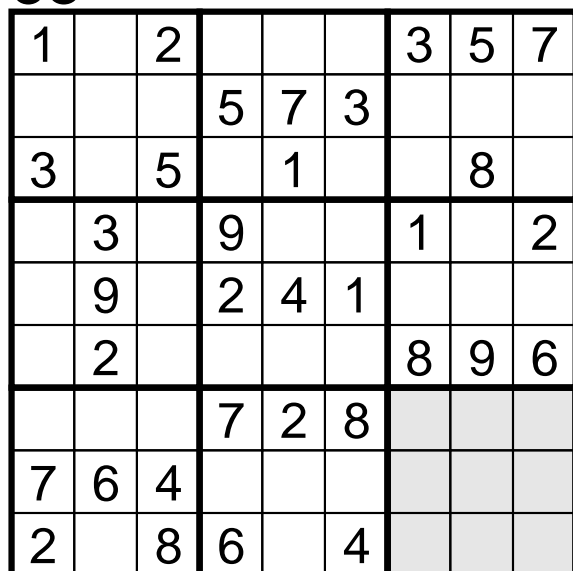
Sohei



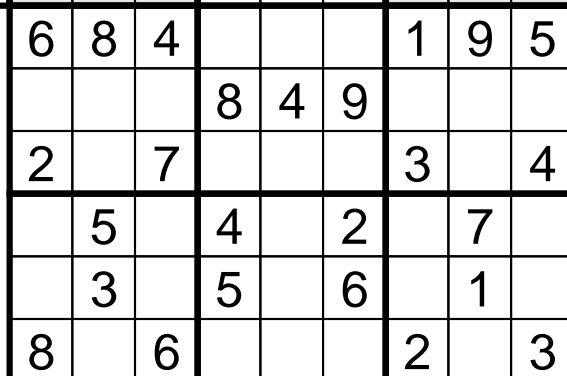
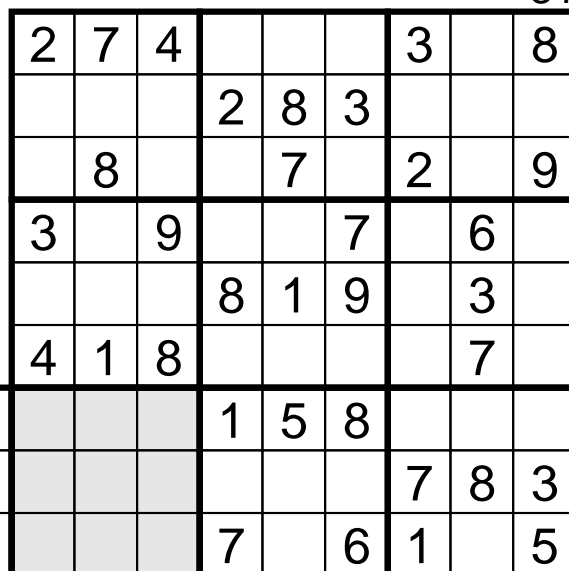
Samurai



38



31



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16

## iGridd – Demo book

---

31

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



## Irregular Blocks (Jigsaws)

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

Jigsaw puzzle is played the same as Sudoku, except that the grid has Irregular Blocks, also known as cages.

### Irregular Blocks Rules:

- Each column and each row contain the digits only once.
- Every cage contains each of the digits only once.

**41** 31

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

**42** 31

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

**43** 31

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

**44** 31

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

**45** 31

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

## Killer Sudoku

9		8		5
4	7			
		3	12	9
7	8			
			3	

The grid of the Killer Sudoku is covered by cages (groups of cells), marked with dotted outlines. Each cage encloses 2 or more cells. The top-left cell is labeled with a cage sum, which is the sum of all solution digits for the cells inside the cage.

### Killer Sudoku Rules:

- Each column and each row contain the digits only once.
- All digits in a cage should be distinct.

**46**

**31**

10		10		4
	6			
7		6		2
6	7		8	9

**47**

**31**

10	5		10	5
				5
8		9		
	6			5
6		6		

**48**

**31**

11		6	8	5
5		8		5
11		5		
	8		3	

**49**

**31**

15		12	9		14	22		
13			10			15		
	12	4		12	17			
5		16					11	
	7		20		13		8	12
13		17			6	16		
	31						13	
			12		6		14	
		9		14		7		

**50**

**31**

27		9		15		14	7	15
			18					
11		19			18		6	
	18			27			16	9
6								
	22	12			25		15	
				6			4	
11		12			3	10	26	
12			12					

## Greater Than / Less Than

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

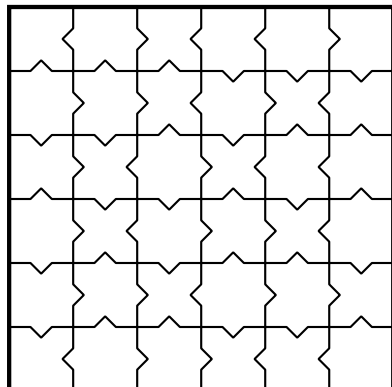
Greater Than (or Less Than) Sudoku has no given clues (digits). Instead, there are "Greater Than" ( $>$ ) or "Less Than" ( $<$ ) signs between adjacent cells, which signify that the digit in one cell should be greater than or less than another.

### Greater Than / Less Than Rules:

- The goal is to fill a grid with digits so that each column and each row contain the digits only once.
- Digits must obey the inequality signs.

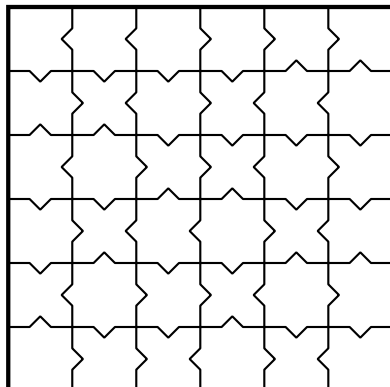
**51**

31



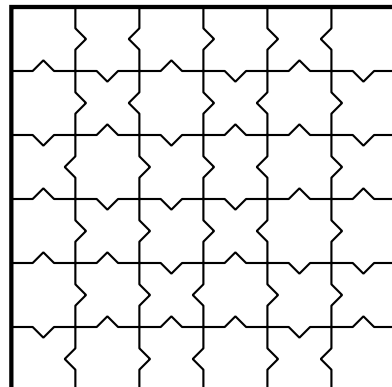
**52**

31



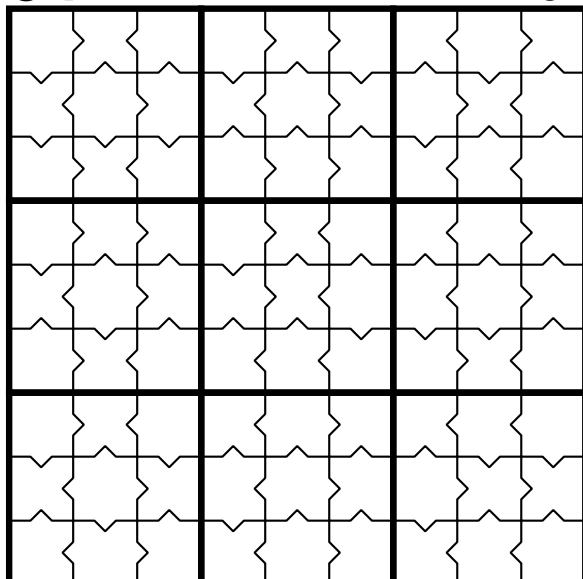
**53**

31



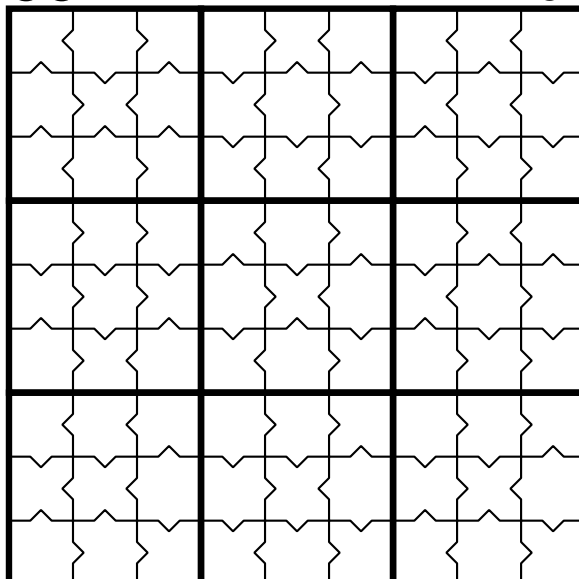
**54**

31



**55**

31



## Kakuro

	3	25		28	17
10	1	9	16	7	9
32	2	6	7	9	8
	7	2	4	1	6
24	5	1	8	6	4
16	9	7	7	5	2

Kakuro is played on a grid of filled and barred cells, "black" and "white" respectively. The grid is divided into "entries" (lines of white cells) by the black cells. The black cells contain a slash from upper-left to lower-right and a number in one or both halves. These numbers are called "clues".

### Kakuro Rule:

- The goal is to insert digits from 1 to 9 inclusive into the white cells in such a way that the sum of the digits in each entry matches the clue associated with it and that no digit is duplicated in any entry.

56

31

		11	3		
	6			30	6
	12				
9	10		13		
19			7		
		8			

57

31

		11	14		
	10			16	12
	28				
10	17		4		
23			13		
		8			

58

31

				16	5
			5		
		19			
	14	17			
16					
18					
8					

59

31

				6	12			19	11
	12	19	34				17		
20							19		
22					24	8			
	10			21					
		34		14					
		23				11			
		16						22	
	5					16			3
24	17				13	6			
17				21					
				6					

60

31

			14	4	17	27		40	9
	13	26					16		
33		42					8		
13							16		
8			29						
		9							11
	22						3		
	11						16		
	15			6	8		10		
15			3			10			
42			16			11			
	14				9				

## Kenken

The grid is divided into heavily outlined cages (groups of cells). The numbers in the cells of each cage must produce a certain "target" number when combined using a specified mathematical operation (either addition, subtraction, multiplication or division).

### Kenken Rules:

- The goal is to fill a grid with digits so that each column and each row contain the digits only once.
- Digits may be repeated within a cage as long as they are not in the same row or column.

20x	4x	12+	8+		7+
				8x	
3+	90x	4-			
			8x	1-	
3+	3-			2+	
		2-		6+	

**61** 32

3+	3x	
	6x	
1-		

**62** 32

3+		3x
1-	6x	

**63** 32

1-	1-	
	7+	
2x		

**64** 32

1-		6x
3x	6+	

**65** 32

3x		6x
7+		

**66** 32

2-		8x		
5+		20x	4x	
8+			2-	
		1-	7+	3-
4x				

**67** 32

3x	20x		2÷	
	6+	1-		7+
1-		5x		
		1-		1-
7+		4x		

**68** 32

24x			7+	7+
15x	3-			
		9+		
2÷	2-		8x	2-
	20x			

**69** 32

3-	9+	1-	3÷	8+		8+
				2-	30x	
2-	8+	3÷				14x
		1-	4x	7+	7+	
2÷						24x
2÷	2÷		2-		14x	
	1-		7x			

**70** 32

21x			4-		3-	7+
3÷	168x			7+		
	1-		3÷		168x	
12x	10+			11+	7+	
	4-		140x			21x
3-		2÷		3÷	2÷	
2-						

## Futoshiki

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

Futoshiki is played on a grid that may show some digits at the start. Additionally, there are "Greater Than" (>) or "Less Than" (<) signs between adjacent cells, which signify that the digit in one cell should be greater than or less than another.

### Futoshiki Rules:

- The goal is to fill a grid with digits so that each column and each row contain the digits only once.
- Digits in adjacent cells with inequality signs must obey the greater than or less than signs.

71

		2	3

72

3			

73


74


75

				3	1	5

## Straights

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

Straights (Str8ts) is played on a grid that is partially divided by black cells into compartments. Compartments must contain a straight - a set of consecutive numbers - but in any order (for example: 2-1-3-4). There can also be white clues in black cells.

### Straights Rules:

- Each column and each row contain the digits only once.
- Each compartment, vertically or horizontally, must contain a straight.
- Clues in black cells remove that digit from the row and column, and are not part of any straight.

**76**

32

						7	
5		1	2				
				5	6		
		5					
		6				1	
2							1
	3				5		

**77**

32

6				2	3		
	5		7				
					2	1	
		1					
	3			6			
			3			6	
2							5

**78**

32

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

**79**

32

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

## Skyscrapers

The Skyscrapers puzzle has numbers along the edge of the grid. Those numbers indicate the number of buildings which you would see from that direction if there was a series of skyscrapers with heights equal the entries in that row or column. For example: if the line has 4 cells and if the first number in the cell is 4, you will see only one skyscraper because the 4-floor skyscraper hides the 1-floor, 2-floor, and 3-floor skyscrapers.

### Skyscrapers Rules:

- The goal is to fill in each cell with numbers from 1 to N, where N is the size of the puzzle's side.
- Each column and each row contain the numbers only once.

0	2	1	2	3	3	3	
2	4	6	5	3	1	2	4
1	6	5	1	2	3	4	3
5	1	3	4	5	2	6	1
4	2	1	3	4	6	5	2
2	5	2	6	1	4	3	3
3	3	4	2	6	5	1	3
	3	3	2	1	2	4	

**80** 32

0	3	3					
3							
2							2
1							4
	1	2	2	4			

**81** 32

0	3	3					
2							2
2							3
2							3
1							
							4

**82** 32

0	2	2					
1							2
3							3
							2
							1
	3	1	2				

**83** 32

0	3	1	2	2	4	3	4
							6
3							3
2							2
2							1
4							2
1							3
4							3
	2	3	4	2	1	2	3

**84** 32

0	3	3	2	2	2	4	1
4							1
2							2
3							3
3							2
4							2
1							5
2							3
	1	3	3	3	2	3	



## Sum Skyscrapers

The numbers along the edge of the Sum Skyscraper grid indicate the sum of heights of the visible buildings.

### Sum Skyscrapers Rules:

- The goal is to fill in each cell with numbers from 1 to N [or 1 to N-(No. of Parks) in Sum Skyscrapers with parks] where N is the size of the puzzle's side.
- Each column and each row contain the numbers only once.

Number of Parks					Sum Skyscrapers indication
1	6	7	10	Σ	
9	2	3	4	1	5
5	1	4	3	2	
4	4	2	1	3	7
	3	1	2	4	
	7	7	9	4	

85					32
0	14	8			
9					
12					5
					9
					14
					12
	7	5	9	12	

86					32
0	9	11	8		
5					10
12					5
					9
9					
	9	5			

87					32
0					
12					8
9					
	5				

88					32
0	21	7	17	18	13 23
					14
18					9
24					10
					13
					7
7					18
	7	11	11	16	18 12

89					32
0	17	17	7	13	12 9
11					21
13					12
14					7
7					15
12					13
16					13
9					17
	17	7	18	8	13 21

## Binary

Complete the grid with zeros (0's) and ones (1's) until there are just as many zeros and ones in every row and every column.

### Binary Rules:

- No more than two of the same number can be next to or under each other.
- Rows or columns with exactly the same content are not allowed.

1	0	0	1	0	1
0	1	1	0	1	0
0	0	1	0	1	1
1	1	0	1	0	0
0	1	0	1	1	0
1	0	1	0	0	1

**90** 32

1			
0		0	
			0
		0	

**91** 32

1			1
		1	
	0		1

**92** 32

1			
			0
	0		0

**93** 32

0	0		
		0	
1			1

**94** 32

					0
0	1			0	
	1		0		
				0	

**95** 32

0	0			0	1
		0			
			1		

**96** 32

1							1
	0				0		
							1
			1			0	0
			1	0			
						1	
1	1		0				0
					1		0

**97** 32

	0						
	0		1	0	1		
				1		0	0
0			1			1	1
					1	1	
			0			0	
1					1	0	
		0	0		0		0

## Word Search



A word search, word find, word seek, word sleuth or mystery word puzzle is a word game that is letters of a word in a grid. The goal of the game is to find and mark all the words hidden inside the grid. The words may appear horizontally, vertically or diagonally, from top to bottom or bottom to top, from left to right or right to left. A list of the hidden words is provided. (From Wikipedia, the free encyclopedia).

iGridd books contain Word Search Puzzles with a special addition. Each puzzle has a text and underscores ( \_ \_ \_ ) to indicate missing word(s). If the puzzle is solved successfully, the remaining letters on the grid complete the missing words.

Special version of these puzzles is Word Search by Pictures where the words are expressed in pictures. These puzzles are more challenging than usual.

## 98: Greeting

Solution p.: 33

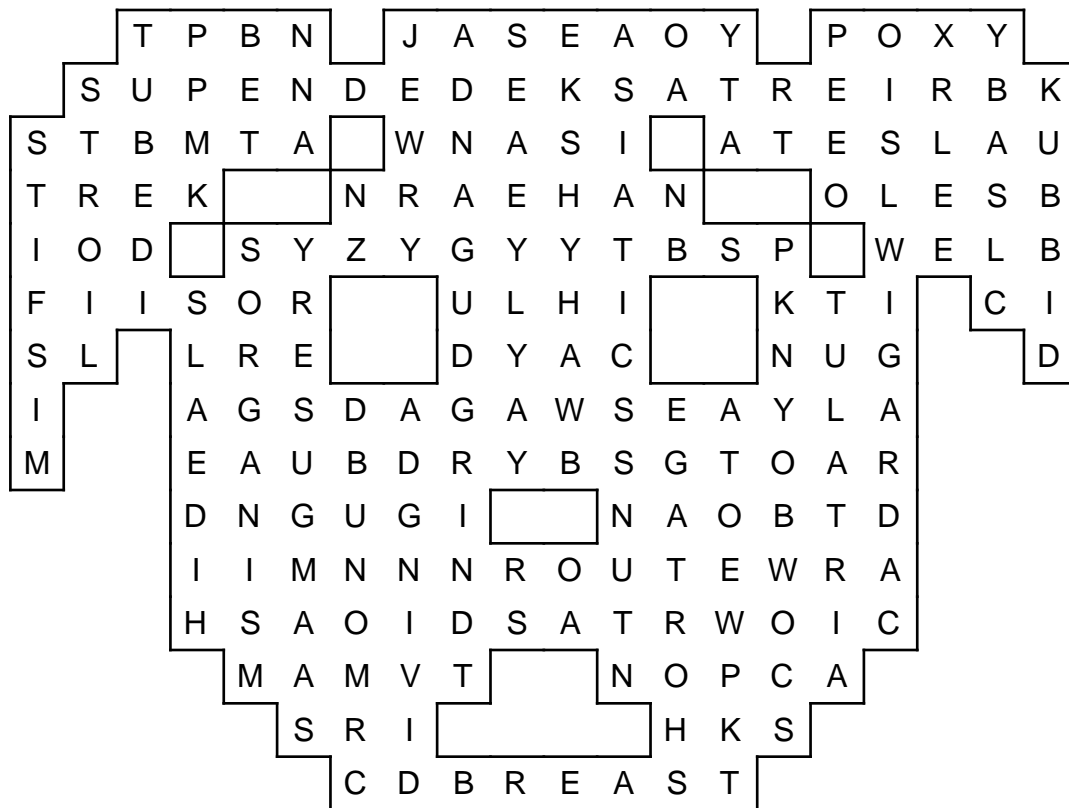
The first known instance of the usage of the words " \_ \_ \_ \_ \_ " and " \_ \_ \_ \_ \_ " together in computer literature occurred earlier, in Kernighan's 1972 Tutorial Introduction to the Language B.

S R E E N I G N E Q	BORSCHT	PAUNCHIER
H U E V E A L O U M	CIAO	PIMP
T O L I L O L I Y E	CYCLER	POEMS
S H O S H O N I S S	ECHO	QUINCE
R E L C Y C O K O O	EELS	RATE
U W E O E P N A E M	ENGINEERS	ROSE
B E E S O R O U R O	GALS	SHOSHONIS
N S T E R E O R A R	GOYS	STEREO
U L M A L D P I M P	HOUR	SUNBURST
S S B O R S C H T H	KAURI	VISCOSE
	MEAN	
	MESOMORPH	
	MOIL	

## 99: Poodle

Solution p.: 33

Poodles have taken top honors in many conformation shows, including "\_\_\_\_\_"  
"\_\_\_\_\_" at the Westminster Kennel Club Dog Show in and at the World Dog Show.



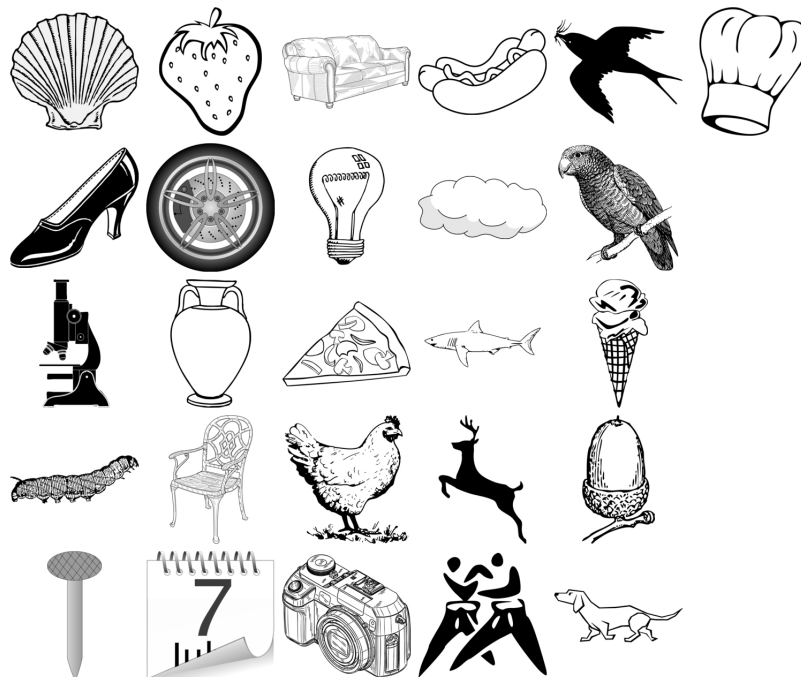
AGNOSTIC	DIBBUK	IRAN	PUTT	SYZYGY
ASIATIC	DIVING	JEWRY	ROIL	TBSP
ASKED	DROP	KOTO	ROUTE	TECH
BADLY	FOEMEN	LATRIA	SARD	TING
BLEW	GADS	MAID	SETA	TREK
BREAST	GARDA	MISFITS	SHORTAGE	TUBED
BRIE	GESSO	NIMS	SKINS	TWEAK
BYRD	GLASGOW	ORGANISM	SKUA	UGANDA
CAST	GRIND	OTTO	SLIP	UGLI
CELERY	HADJ	PEAN	SMUDGY	UPEND
COWBOY	IDEALS	POXY	SWAG	USER

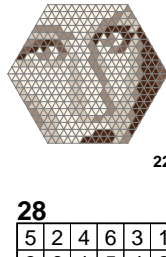
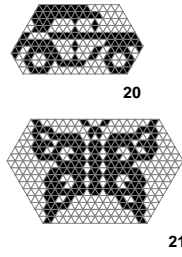
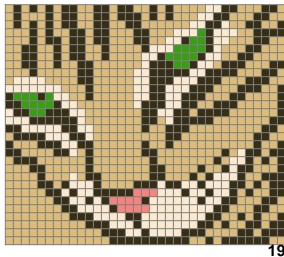
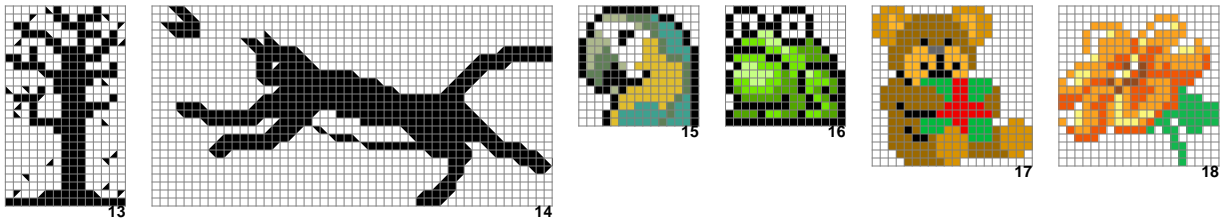
## 100: Athletics

Solution p.: 33

Athletics is a term encompassing the human competitive sports and games requiring physical skill, and the systems of training that prepare athletes for \_\_\_\_\_

\_\_\_\_\_.





**23**

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

**24**

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

**25**

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

**26**

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

**27**

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

**28**

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

**29**

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

**30**

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

**33**

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

**34**

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

**35**

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

**31**

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

**32**

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

**36**

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

**37**

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

[illegible][illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

		11	3					
	6	5	1	30	6			
	10	12	3	2	6	1		
9	7	2	13	8	5			
	19	3	1	6	9			
		8	1	7				

		11	14					
	10	2	8		16		12	
	17	28	5	6	8	9		
10	9	1		4	1	3		
				13				
23	8	3	7	5				
		8	6	2				

[illegible]

					6	12				19	11
	12	19	34	1	4			38	17	8	9
20	4	2	1	5	8		19	8	9	2	
22	8	9	5				8	6	2		
	10	8	2		21	14	7	9	5		
		34	7	6	8	4	9			22	
		23	6	8	9		11	2	9	3	
	5	17	1	4			16	7	8	1	
24	8	7	9		21	13	6	9	4	1	5
17	9	8			6	4	2				

				14	4	17	27		40	9	
		13	42	6	3	8	9	16	9	7	
33	2	6	8	1	9	7		16	8	6	2
13	4	9			16	6	12	3	7	2	
8		7	1		29	7	2	8	9	3	11
		7	2	9	4					1	2
		11	4	7				16	7	2	
15		7	8	3	1	2		10	2	8	
42		8	2	7	5	6	9	1	4		
		14	5	9			9	2	7		

**61**

2	1	3
1	3	2
3	2	1

**62**

1	2	3
2	3	1
3	1	2

**63**

3	1	2
2	3	1
1	2	3

**64**

2	1	3
1	3	2
3	2	1

**65**

1	3	2
3	2	1
2	1	3

**66**

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

**67**

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

**68**

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

**69**

4	2	3	6	7	1	5
1	7	4	2	6	5	3
7	5	1	3	4	6	2
5	3	6	1	2	4	7
2	1	7	4	5	3	6
6	4	2	5	3	7	1
3	6	5	7	1	2	4

**70**

7	3	1	2	6	4	5
3	4	7	6	5	1	2
1	5	6	3	2	7	4
2	7	3	1	4	5	6
6	1	5	4	7	2	3
5	2	4	7	3	6	1
4	6	2	5	1	3	7

**71**

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

**72**

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

**73**

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

**74**

4	5	7	6	1	2	3
5	2	6	7	4	3	1
6	4	5	3	2	1	7
1	3	2	5	7	6	4
2	7	1	4	3	5	6
3	1	4	2	6	7	5
7	6	3	1	5	4	2

**75**

2	6	7	4	3	1	5
5	1	4	2	6	7	3
7	2	5	6	1	3	4
6	7	3	5	2	4	1
1	3	2	7	4	5	6
3	4	6	1	5	2	7
4	5	1	3	7	6	2

**76**

1	2				7	6
5	6	1	2	3	4	7
3	1	2	4	5	6	
6	7	5	3	4	2	
7	5	6			1	2
2	4	7	5	6	3	1
4	3		6	7	5	

**77**

6	7			2	3	
4	5	6	7	3	1	2
5	4	7	6		2	1
7	6	1		5	4	
	3	5	4	6	7	
1	2	4	3		5	6
2	1	3			6	5

**78**

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

**79**

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

**80**

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

**81**

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

**82**

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

**83**

3	1	2	2	4	3	4
5	7	6	4	3	2	1
3	3	5	4	7	1	6
2	4	3	7	2	5	1
2	6	2	1	5	4	3
4	2	1	5	3	6	7
1	7	6	3	1	2	4
4	1	4	2	6	7	5
	2	3	4	2	1	2

**84**

3	3	2	2	2	4	1
4	4	5	3	2	6	1
2	6	1	2	7	3	4
3	2	6	7	3	4	5
3	5	2	4	6	1	7
4	1	3	5	4	7	2
1	7	4	6	1	5	3
2	3	7	1	5	2	6
	1	3	3	3	2	3

**85**

14	8					
9	4	2	3	5	1	
12	3	1	2	4	5	5
	1	3	5	2	4	9
	5	4	1	3	2	14
	2	5	4	1	3	12
	7	5	9		12	

**86**

9	11	8				
1	5	4	2	3		
5	5	2	3	4	1	10
12	3	4	2	1	5	5
	2	1	5	3	4	9
9	4	3	1	5	2	
	9		5			

**87**

2						
5	4	1	3	2		
12	1	2	4	5	3	8
	2	5	3	1	4	
	3	1	2	4	5	
9	4	3	5	2	1	
					5	

**88**

21	7	17	18		13	23
3	7	4	5	2	6	1
18	5	3	6	1	4	7
24	2	4	5	6	7	1
	6	2	7	3	1	5
	4	1	2	7	5	3
	1	5	3	2	6	4
7	7	6	1	4	3	2
	7		11	11	16	18

**89**

17	17	7	13	12	9	
11	4	1	7	6	5	2
13	6	3	4	2	1	7
14	1	6	3	5	2	4
7	7	5	1	4	3	6
12	5	4	2	3	7	1
16	3	2	6	7	4	5
9	2	7	5	1	6	3
	17	7	18	8	13	21

**90**

1	0	1	0
0	1	0	1
0	1	1	0
1	0	0	1

**91**

1	0	0	1
0	1	1	0
0	0	1	1
1	1	0	0

**94**

1	0	0	1	1	0
0	1	0	1	0	1
0	1	1	0	1	0
1	0	1	0	0	1

**95**

0	0	1	1	0	1
0	1	0	0	1	1
1	0	1	0	1	0
1	1	0	1	0	0

**96**

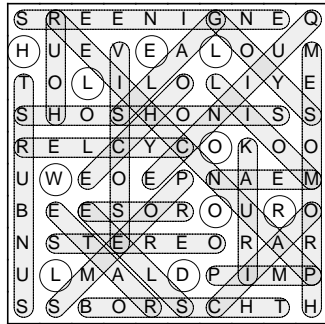
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0	1	1	0	1	0	1	0	1	0
0	0	1	1	0	1	0	1	0	1
1	1	0	0	1	1	0	0	1	0
1	1	0	1	0	0	1	1	0	0

**97**

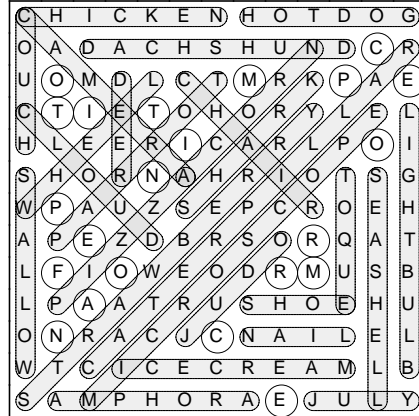
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0	1	0	1	1	0	0	1	1	0
1	0	1	0	1	0	1	0	0	1
0	0	1	0	1	0	1	0	1	1
1	1	0	1	0	1	0	1	0	0
1	1	0	0	1	0	1	1	0	0



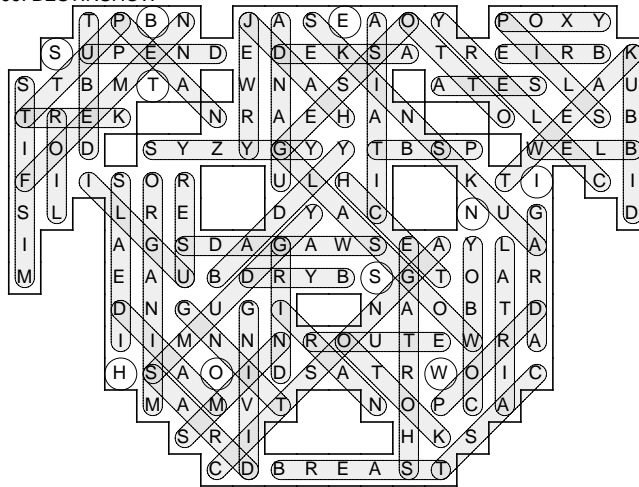
98: HELLOWORLD



100: COMPETITIONPERFORMANCE



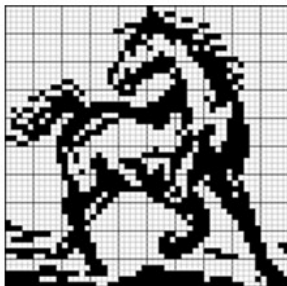
99: BESTINSHOW



## Puzzles available in iGridd books:

### Picture Logic Puzzles:

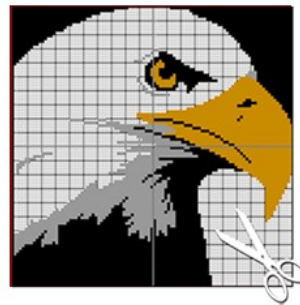
Griddlers



Triddlers



Multi



Word Search



### Number Logic Puzzles:

Sudoku

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

Jigsaw

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

Killer

3	12	6		6
5			6	
	7			
7	5	9	9	

Kakuro

			4	6	16
18	20	1	2	6	
15	5	1	3	4	2
14	9	5		12	4
7	4	3	4	7	1
	15	2	1	5	3
	14	9	3	2	

Less Than

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

Futoshiki

6	1	5	4	>	2	3
1	2	6	>	3	4	5
5	3	<	4	6	1	2
4	6	2	5	3	1	
2	<	4	3	1	5	6
3	<	5	1	2	6	>

KenKen

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

Straights

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