theGRiddLe.Net PRESENTS...

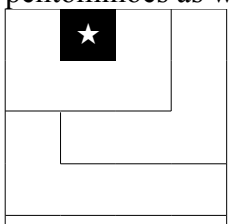
18th biRthday eXtRavaganza

18 Pages Of PUZZLES!

All puzzles in this pack created by David Millar in 2006 on the date specified for each puzzle.

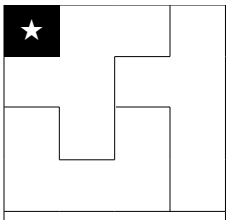
Pentomino Crosswords

Use the clues to fill in the grids with letters. Letter clues correspond to the pentominoes, whose 5-letter words can be oriented in odd ways (upside down, curved, never scrambled). Number clues correspond to 4-letter words in 3 of the rows (in order from the top). Grayed out grids require you to find the pentominoes as well as the words.



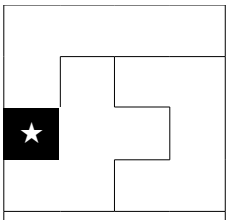
L: Oak tree thingy
U: What you write on
V: Opposite of curse
1. Our ancestors?
2. Physically possible.
3. Yellow vegetable.

March 21, 2006



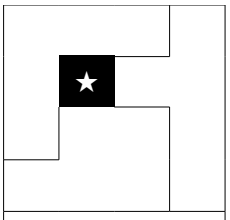
F: Snowy shelter.
U: Vapor.
Y: ____ pole.
1. Swag, winnings...
2. Not all or none.
3. Group.

March 21, 2006



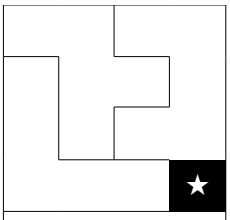
F: Red fruit.
L. Madrid, ____
U: Banquet.
1. Agony, hurt.
2. Place to store goods.
3. "Don't ____ Start"

March 21, 2006



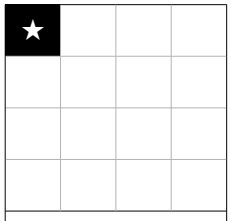
P: A style of knot tying
V: Small gift
Y: Opposite of savory
1. Consumes
2. High or low ___
3. Meanie

March 24, 2006



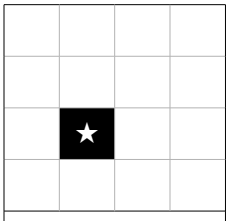
F: Center of a book
U: Stage, for battle
V: Beverage
1. Distance.
2. To eat.
3. Back, behind.

March 24, 2006



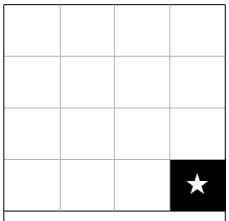
F: St. Patrick's Day
U: Unedited (movies?)
V: Indian garments
1. Business garment
2. Goo Goo Dolls song
3. Skin irritation

March 24, 2006



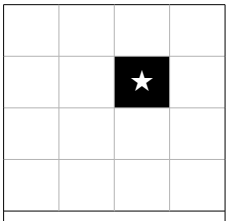
L: MPH, KmPH
P: wishy-___
V: Game with 75 balls
1. Like a bee but worse
2. On your foot.
3. To put together

March 24, 2006



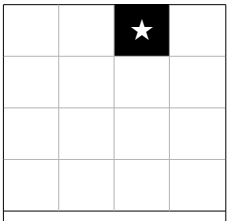
L: To divide/break up
U: Grime
X: Fumes, air
1. Choirs do this
2. Side
3. Flower holder

March 24, 2006



L: Grid, table, database
S: Connected or hyper
V: Where a play is at
1. To burn or broil
2. Wheel
3. Ripened

March 25, 2006

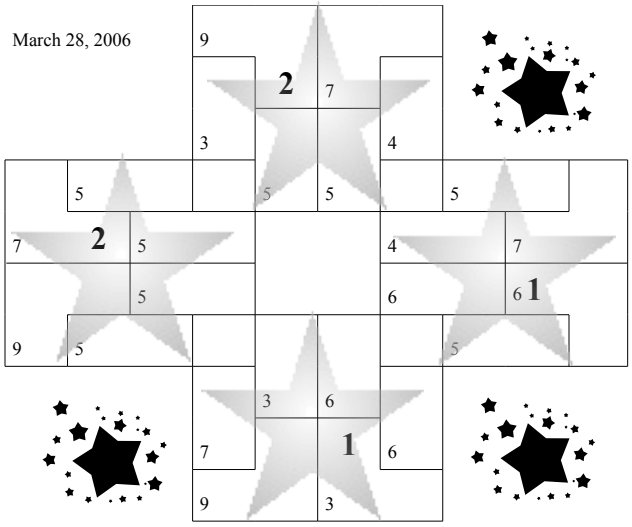


T: Parts of ships
U: Ice ___
Y: What you eat on
1. North, South, West
2. Guitar supplement
3. Not on time

March 25, 2006

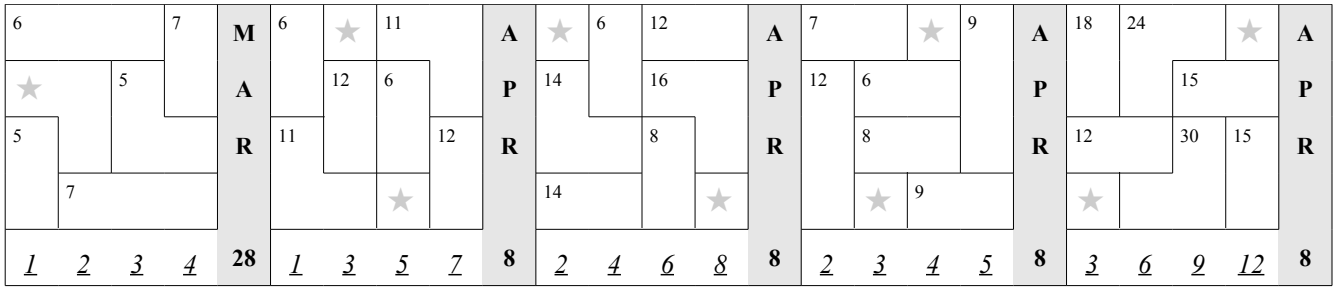
Multi Sum Sudoku

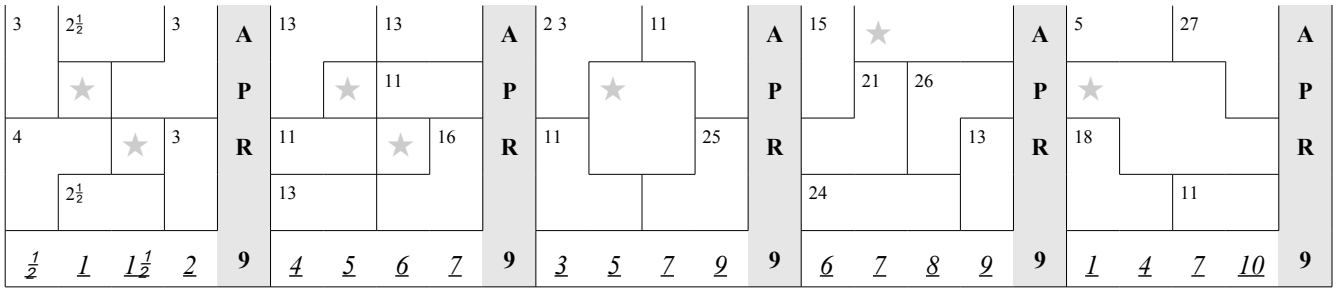
This is a set of 4 attatched sum sudoku. Each row and column in a separate 4x4 square has each digit 1-4. The sum of the digits in a section is given in the section (as well as 4 additional answered boxes as clue).



More Sum Sudoku

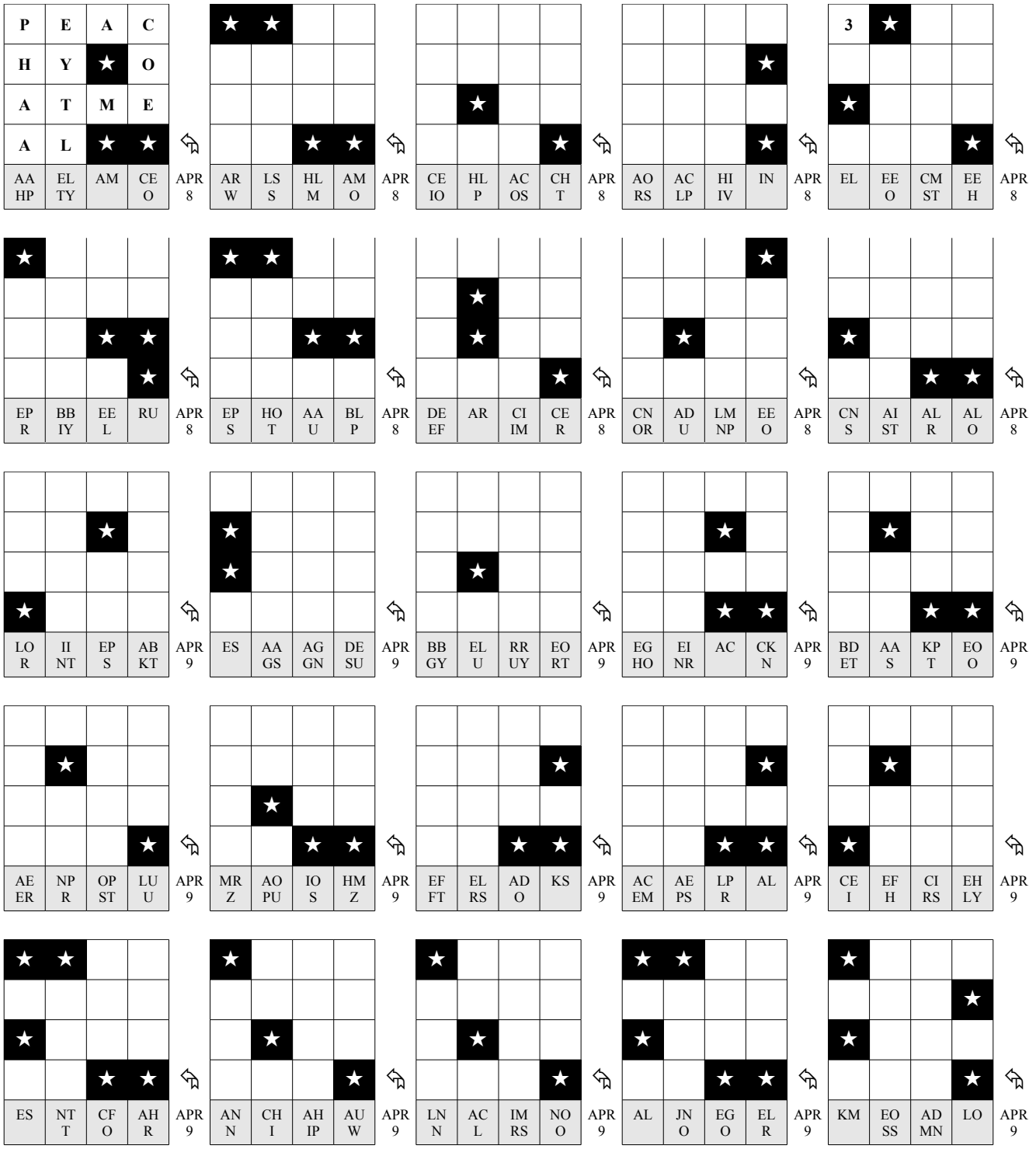
More sum sudoku like the above puzzle, except not attached. Each one has different numbers being used.





Food Scrambles

Unscramble the letters below each column to form the names of food (across and down the grid, like in 'peachy oatmeal' below). Words in the grid are separated by black squares, but not the end of rows.



Hawaiian Search Word – April 15.
Find these English words in Hawaiian in the grid below.

i	a	a	e
o	l	o	h
h	n	h	i
o	u	m	i

Grid 1:
- to run
- underground oven
- delicious
- yes

h	e	l	e
u	i	h	h
h	a	l	e
u	k	o	o

Grid 2:
- house
- angry
- saltwater/the sea
- walk

p	a	p	u
u	h	a	p
k	i	u	a
a	h	a	k

Grid 3:
- hole
- finished
- sacred or 'keep out'
- drum

l	a	l	p
i	a	l	a
a	k	n	l
p	h	a	i

Grid 4:
- a cliff
- heaven/sky
- crumbling lava
- path or road

n	h	l	h
i	a	o	k
u	n	l	i
u	a	o	h

Grid 5:
- work
- turtle
- coconut
- crazy

Word Sudoku – April 21.
Each row and column has all of the letters used in the puzzle. When complete, there will be a word in the puzzle denoted by stars. Some puzzles have double letter boxes. Two letters go in these boxes, but the pair of letters is not the same throughout the puzzle.

	S	T/O	
★/★	★	★	★
		P	/S
O	/		R

★	/	T	E
	★		/
	S	E/★	
A/T			M

N			I/P
	/		
A/			S
★	P	★/★	N

R			
A			R
			K
		P	

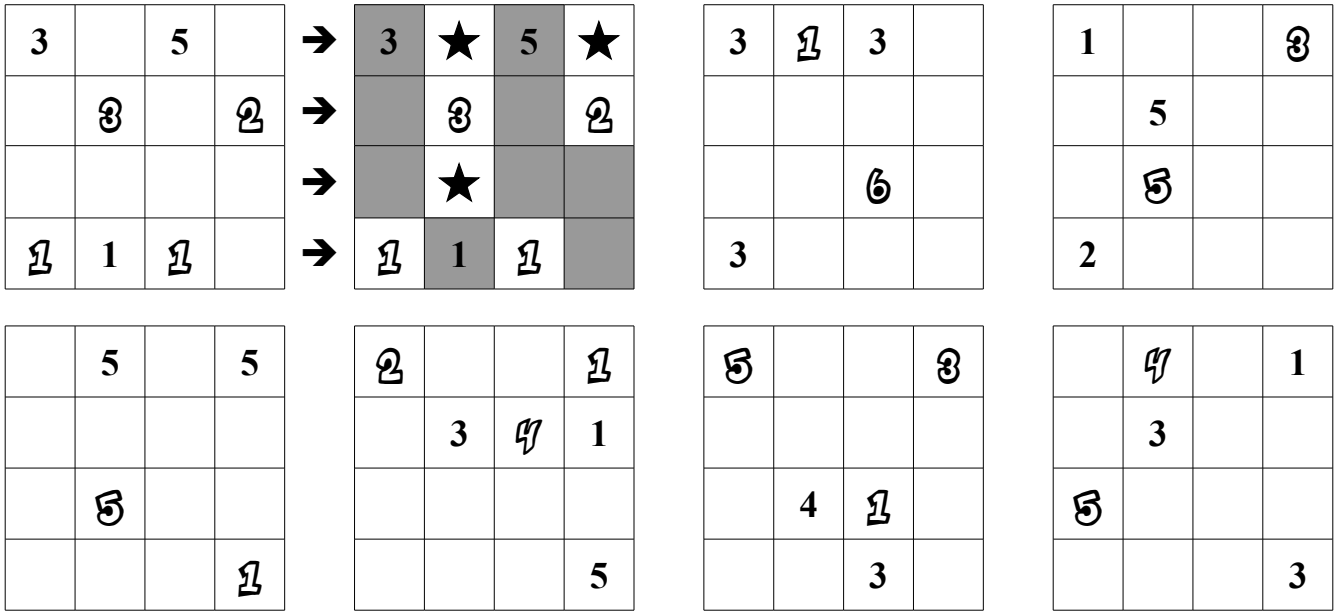
	I		N
		I	
			K
	N	G	

Greater-Than/Less-Than Sudoku – May 2.
Each row and column has each digit 1 to 4 with no repeats. Use the greater-than and less-than signs along with the clues to determine the position of the digits.

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

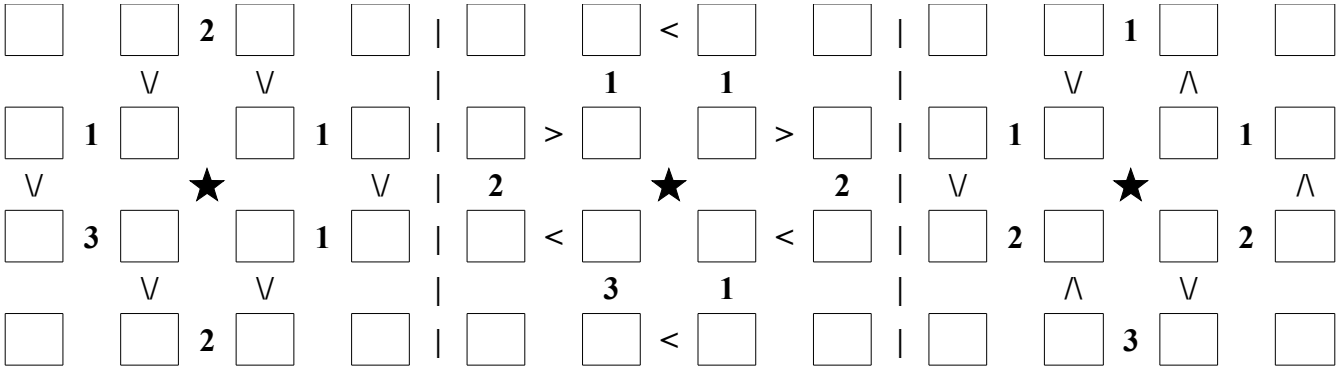
Contrast – May 13th/14th

Modeled after a puzzle I'd seen in the Nikoli Puzzle Cycolpedia, this puzzle contains several digits. Each digit *n* represents a polyomino of *n* size. Clear polyominoes contain only hollow digits, whereas shaded polyominoes contain a normal digit. Polyominoes of the same color cannot share borders, but may share corners. Every square is part of a polyomino with a digit. A sample solution is provided.



Greater-Than/Difference Sudoku – May 14th

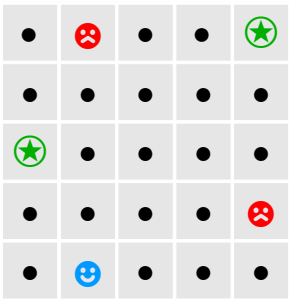
Each row and column has each digit 1 to 4 with no repeats. Use the greater-than and less-than signs to determine which digits are larger or smaller than other digits, and use the differences to determine how much of a difference there is between the two digits. (ie, a difference of 3 means that $|a-b| = 3$, so the boxes would have to be 1 and 4)

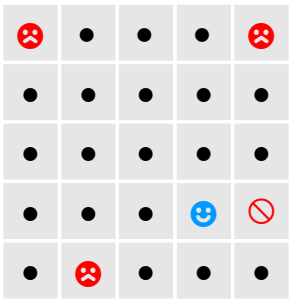


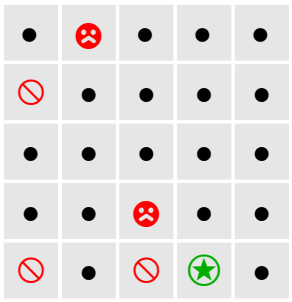
The One Ring – May 22/28

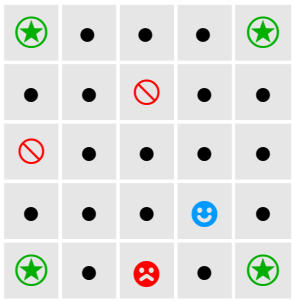
Form a loop by connecting the spots in the diagram. There can be only one loop with no intersections and it must follow the grid lines and follow these rules:

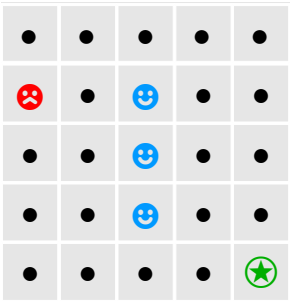
- A devil spot (☹) is always a spot where the line turns 90 degrees. Both the dots before and after a devil dot along the loop must follow straight through the dot (no turns). All devil spots are part of the loop.
- An angel spot (☺) is always a spot where the line goes straight (180 degrees) through the spot. One of the two dots before and after an angel spot must be a turn. All angel spots are part of the loop.
- A blocker spot (⃠) must NOT be part of the loop, but a force spot (✪) must be part of the loop.
- A number in the grid tells how many of the surrounding lines are walls.

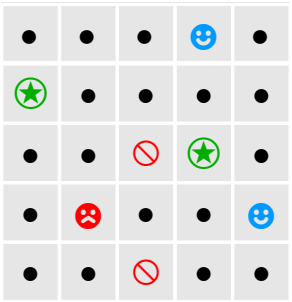


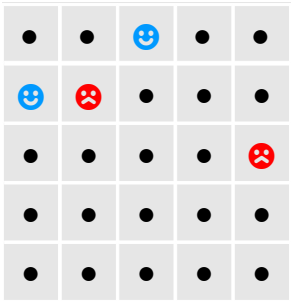


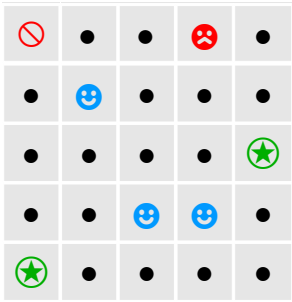












	1		
3			3
	3		
3			1

1		1	2
3			3
1	2		3

	3	3	
3			
	3		
3			1

2	1	3	
3		2	
	2		3

2		3	3
1	0		
		3	
	1	3	

0			0
	3		
3			2
	1		3

	3	3	3
1			1
		1	
	1		3

3			
3		3	3
3			
	3	3	3

0-2-5

The grid is divided into several shapes. Each shape either has all zeros, twos, or fives in its boxes. The numbers outside of the grid represent the sum of digits in the boxes in each row. A sample puzzle has been completed for you below.

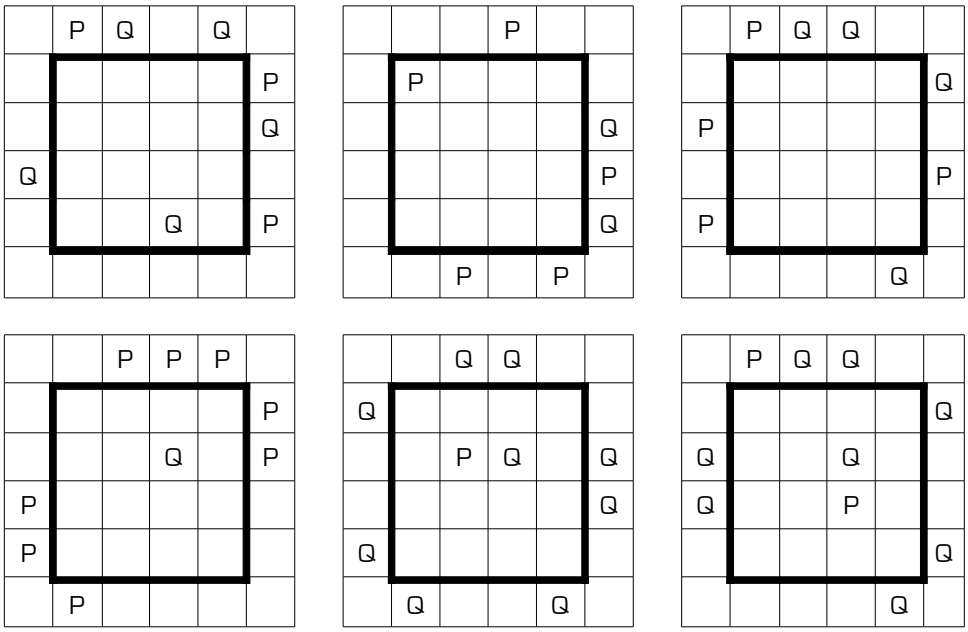
★	9	20	9	7	★	9	20	9	7	★	10	12	6	9
12					12	5	5	2	0	7				
9					9	0	5	2	2	6				
12					12	2	5	0	5	12				
12					12	2	5	5	0	12				

Created by David Millar on May 22, 2006.

★	12	11	4	11	★	12	14	4	17	★	14	14	7	5	★	5	10	7	9	★	17	7	17	9
12					14					12					7					17				
9					12					6					12					12				
11					10					7					10					12				
6					11					15					2					9				

Mind Your Ps and Qs – June 3

Each row and column has one P and one Q, and two starred squares. The letter on the outside of each column or row is the first letter in that column or row. A blank space on the outside of a column or row doesn't necessarily mean that the first square contains no letter.



Bottles – May 28

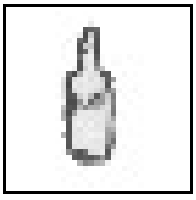
There are 9 bottles on a table. 3 red, 3 blue, 3 yellow. Each color has 3 sizes; smallest (1), medium (2), and tallest (3). By looking at the color table on the edge of each row and column, determine where the bottles are in the grid. The color table represents the colors of the light coming through at each height. For example, green means that a yellow and a blue bottle are in that row/column and tall enough to reach the height where the green appears. The starred square contains no bottle.

	PURPLE	YELLOW	BLACK	BLACK
	PURPLE	YELLOW	ORANGE	BLUE
	PURPLE	WHITE	ORANGE	GREEN
RED				
RED				
GREEN				
BLACK				
ORANGE				
ORANGE				
GREEN				
GREEN			★	
GREEN				
BLACK				
YELLOW				
ORANGE				

	BLACK	BLACK	ORANGE	BLUE
	BLACK	YELLOW	ORANGE	PURPLE
	ORANGE	GREEN	WHITE	PURPLE
BLACK				
GREEN				
GREEN				
BLACK				
RED	★			
PURPLE				
YELLOW				
YELLOW				
ORANGE				
PURPLE				
PURPLE				
WHITE				

	BLUE	BLACK	YELLOW	RED
	BLUE	PURPLE	YELLOW	ORANGE
	GREEN	PURPLE	ORANGE	WHITE
BLACK				
RED				
WHITE				
GREEN				
GREEN				★
GREEN				
RED				
PURPLE				
PURPLE				
BLACK				
YELLOW				
ORANGE				

	BLUE	ORANGE	BLACK	BLACK
	BLUE	WHITE	YELLOW	RED
	PURPLE	WHITE	GREEN	ORANGE
BLUE				
WHITE				
WHITE				
BLACK				
BLUE				
PURPLE				
YELLOW				
YELLOW				
GREEN				
RED				
RED	★			
ORANGE				

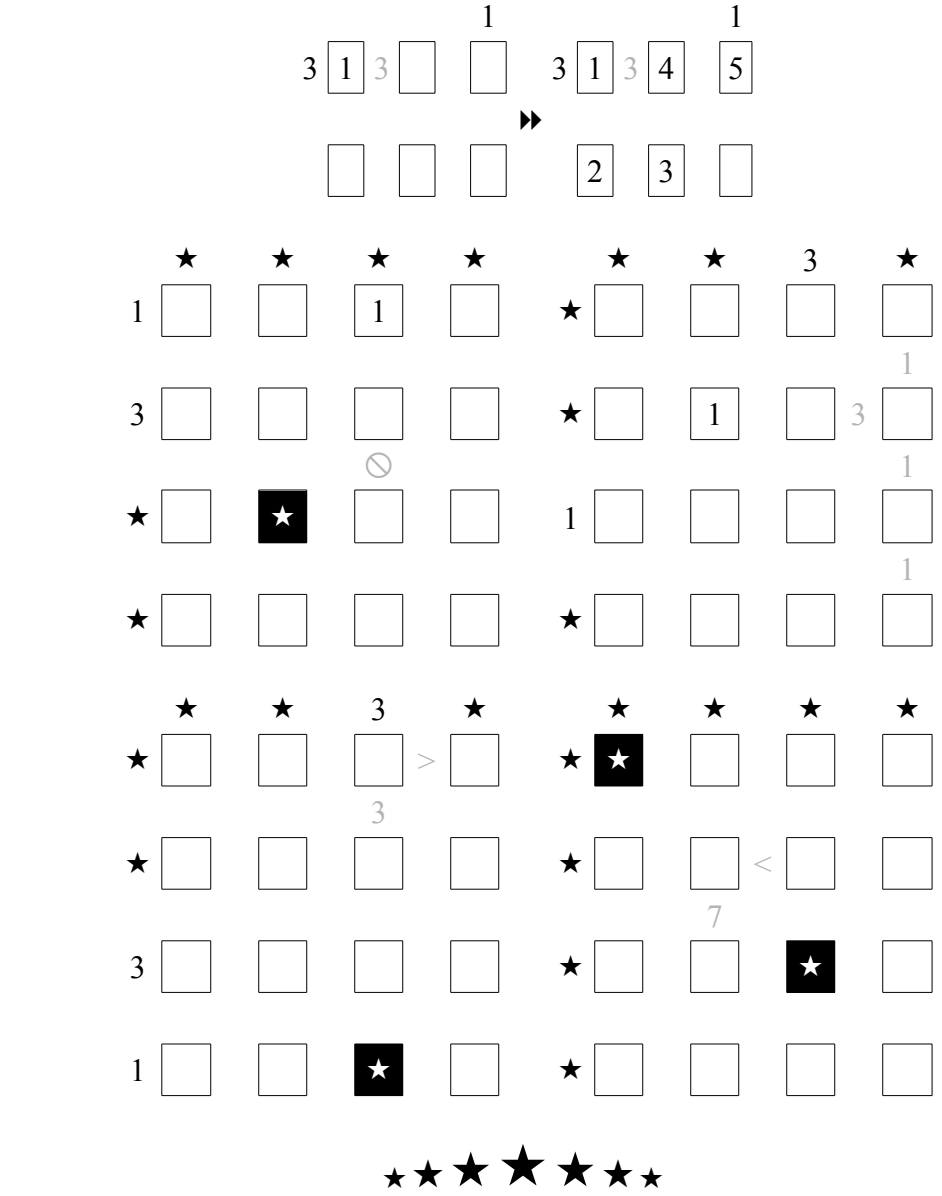


color chart

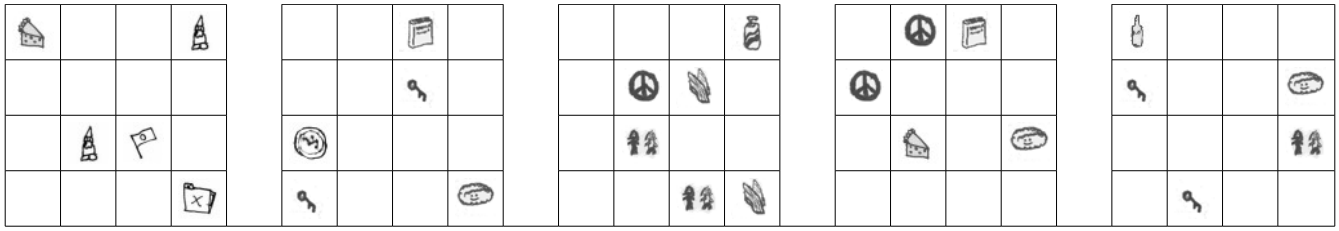
red + blue	purple
blue + yellow	green
red+ yellow	orange
red + blue + yellow	white
none	black

8 Foot Snake – June 4th

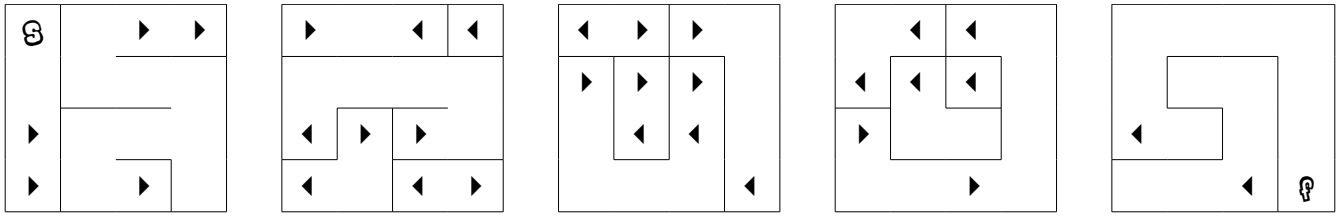
There's an 8 foot snake in the grid. Each section of the snake is numbered and takes up one square. Find the snake in the grid by locating all of the sections. Blackened squares are walls were the snake cannot be. Digits outside the grid represent the number of sections in that row or column. Black digits inside the grid represent sections of the snake. Grey digits inside the grid represent the difference in the number in the sections of the snake in neighboring squares. Grey symbols in the grid mean either one section is larger or smaller than the other's number, or there is no section in at least one of the two squares. Below is an example snake of length 5.



Funny Image Sudoku - June 4th
Each row and column has one *and only one* of each image.



Multi Level Maze
The maze is divided into several sections. When you encounter an arrow, you may move one grid in that direction.



Product Sudoku
The number in each shape of the grid is the product of the digits in each square of the shape. Each row and column must have each digit from 2 to 5, but shapes may include the same digit more than once.

15	16	
8 ★		15
	40 ★	
	12	

24		10	12
	★		
20	6	★	30

★	6	60
8		
60	8	
	6	★

40			15
★	12	8	
10			★
	60		

8	10	★
60		24
	10	
★	20	

20	10	18
	★	
30	★	20
	12	

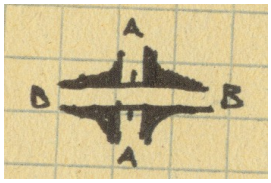
20	24		
	15	8	★
★			6
40			

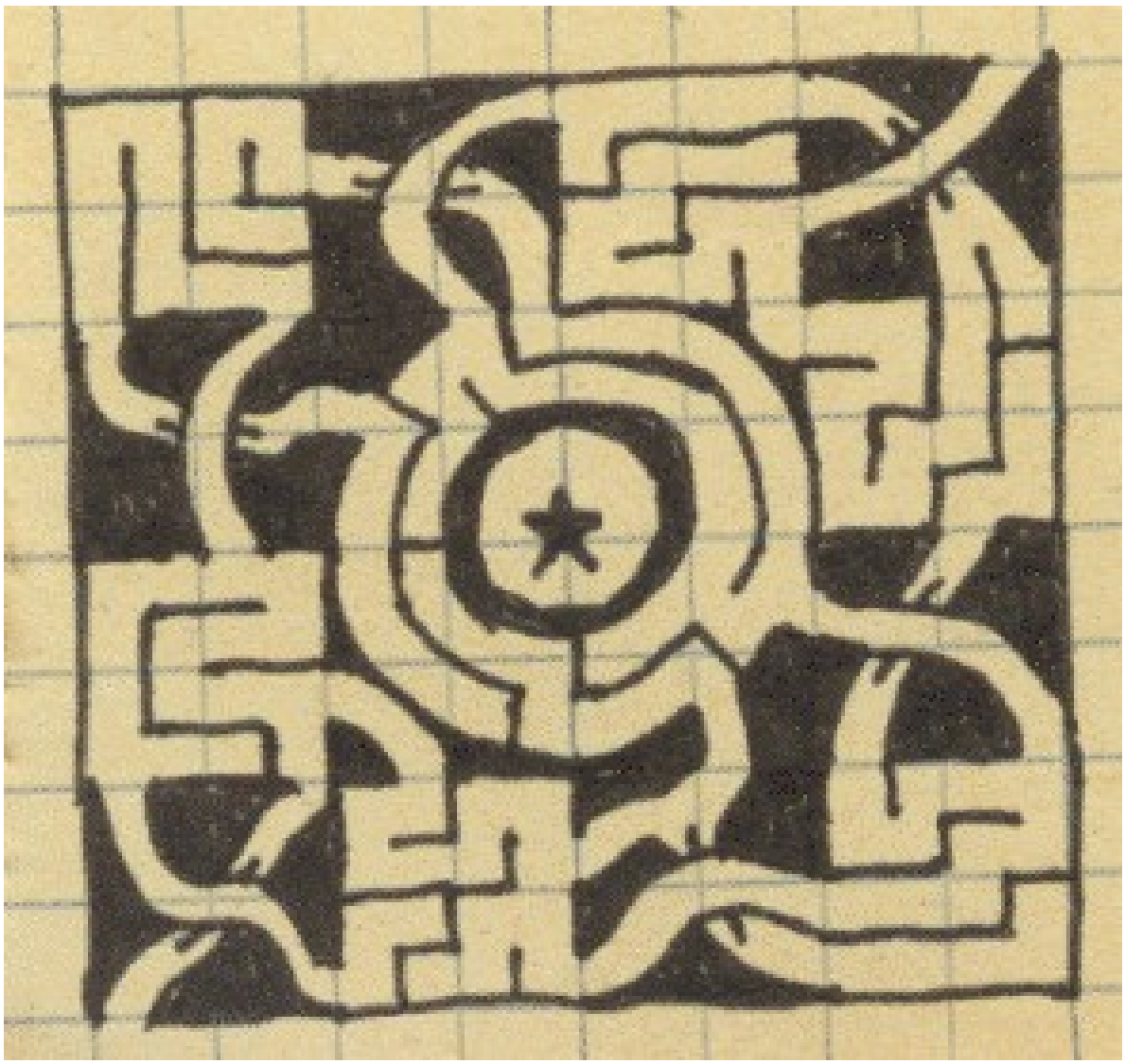
6	20	30	★
24		12	10
★			

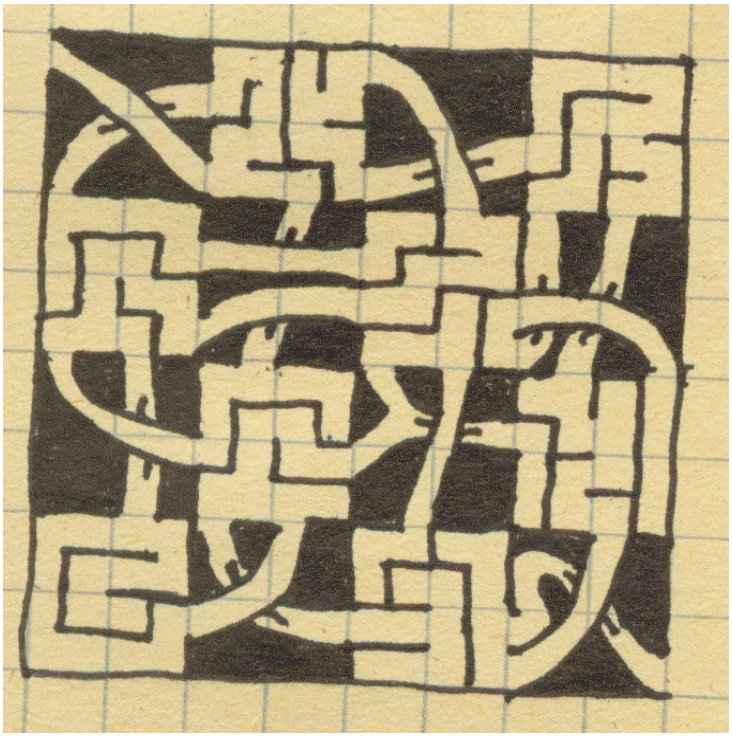
160	6	★	★
		60	
		20	
★	★		

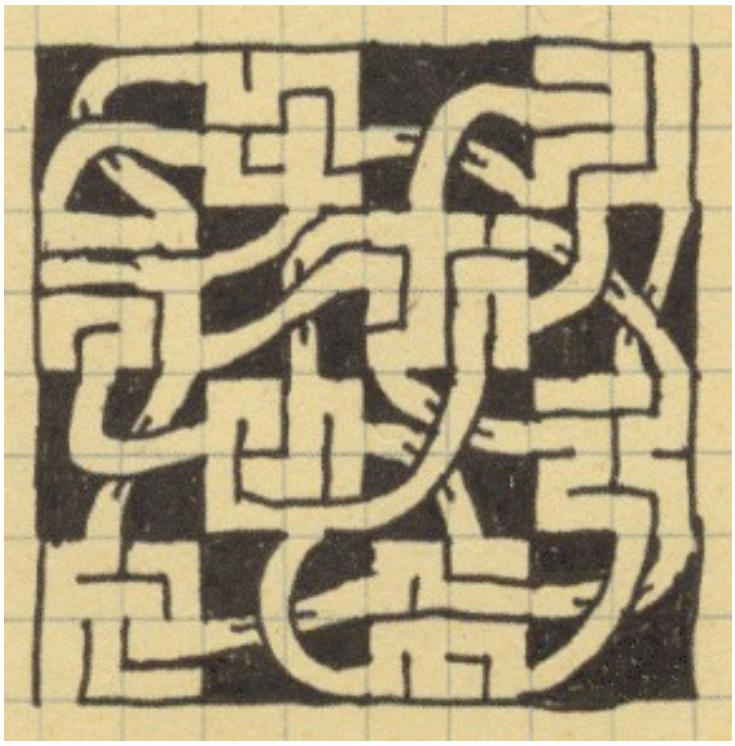
★	15	10
40		36
	8	
6		★

Mazes with Bridges
Get from start to finish. Some paths go under other paths via bridges as shown below.

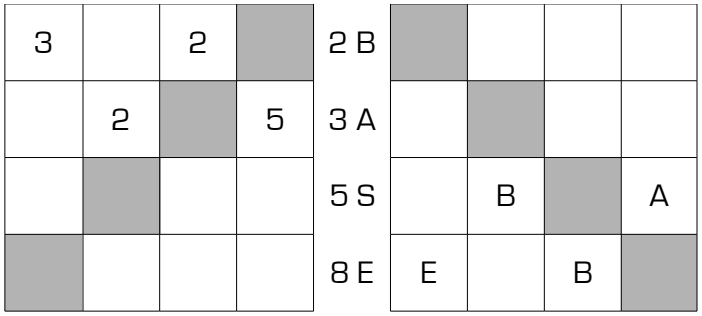


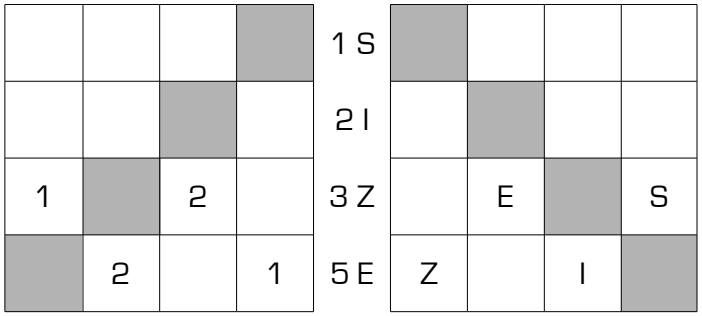


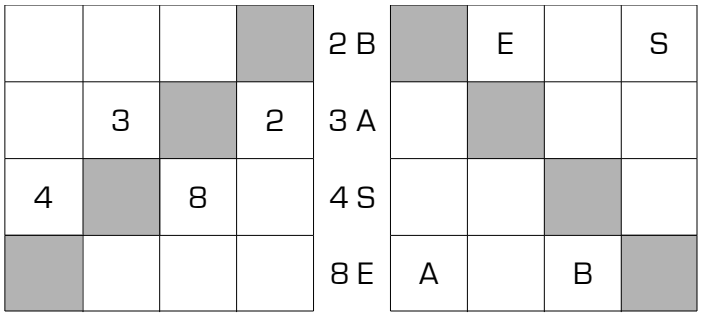




Mirrored Sudoku
The grey squares mirror from one grid to the other.
2 becomes S, 8 becomes B, 3 becomes E. 5 becomes Z, 1 becomes I. 4 becomes A.
The center column of each set contains the numbers and letters used – not the pairs that are mirrored.







Cross Out

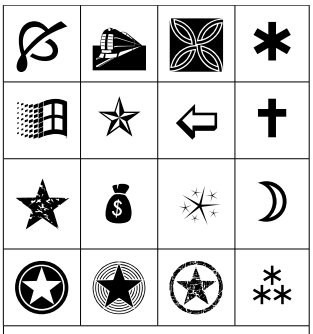
Each grid has a specific trait that describes some of the squares in the grid. Cross out the squares that are not described by the trait to reveal the name of a place.

51	7	2	4
27	21	3	77
15	11	33	42
12	19	29	58

prime

A	A	A	A
A	A	A	A
A	*A*	*A*	*A*
A	A	A	A

cursive



webdings

orange	orange	red	orange
yellow	green	orange	yellow
yellow	blue	red	yellow
red	purple	yellow	orange

contains blue

11	17	53	27
87	43	31	29
73	2	18	6
21	91	15	41

even

w	w	w	w
w	w	w	w
w	w	w	w
w	w	w	w

size 12

1101	1111	2	0000
1001	1100	0102	0011
1001	0111	0201	0010
1101	0110	1103	0111

binary

v	r	q	w
b	u	e	a
m	i	o	e
n	y	t	r

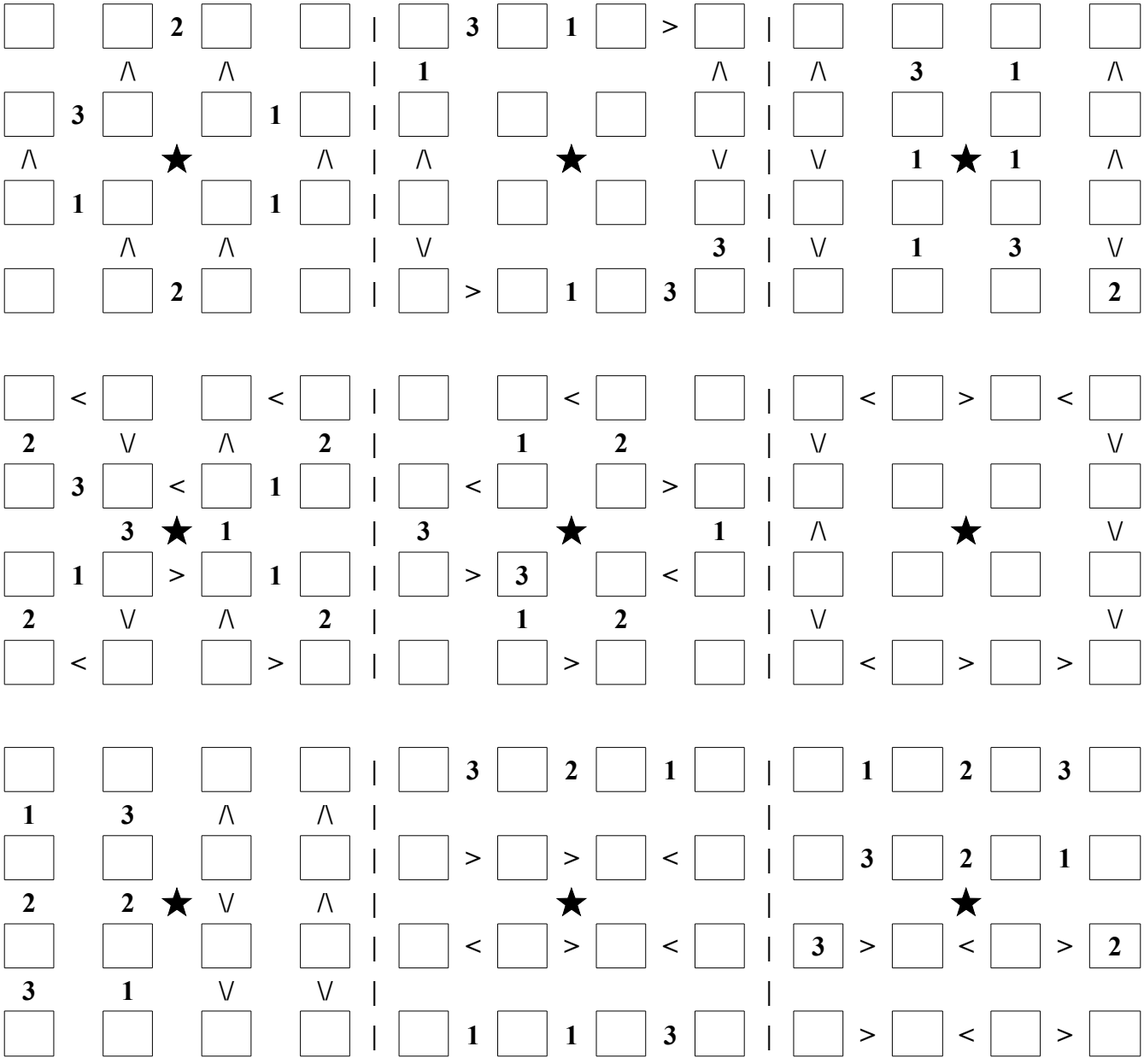
vowel

☺	☺	☺	☺
☺	★	★	☺
☺	★	★	☺
☺	☺	☺	☺

star

Greater-Than/Difference Sudoku – May 14th

Each row and column has each digit 1 to 4 with no repeats. Use the greater-than and less-than signs to determine which digits are larger or smaller than other digits, and use the differences to determine how much of a difference there is between the two digits. (ie, a difference of 3 means that $|a-b| = 3$, so the boxes would have to be 1 and 4)



Two-Doku

Fill each row and column of the grid with each digit 1-8. Each square should have two numbers, and the smaller digit comes first in each pair. The numbers in the bottom of the grid are the sums of the 2 digit numbers in each column. The shaded pairs of squares contain the same digits.

3_	_8	2_	_4
_6	1_	3_	7_
_7	_3	_8	5_
_8	_7	5_	_3
126	*153*	*135*	*171*

Word Sudoku

Each row and column contains each letter of the word being spelled.

G			
D		R	
	D		I

L		M	
I			
	E		I

T			E
		I	
	E		
R			

W			
			I
S			
I		H	S

		N	
E		I	
	W		N
N		W	

S	P		
			I
N			
	S		P

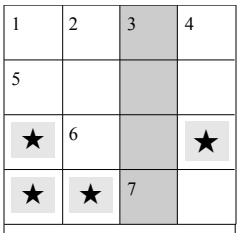
		S	
I			
T			L
	T	L	

	I		D
N		B	
			B
		I	

S			
I			K
		K	
		N	S

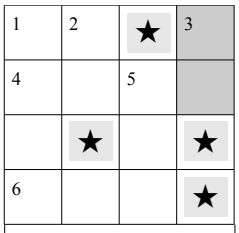
Multi-letter Crosswords

Each crossword puzzle has 2 letters per box. The shaded row or column contains an anagram for one or more words.



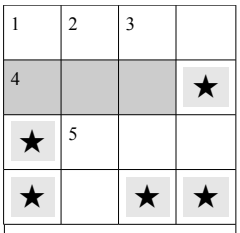
Across:
1. Jamaica flavored KoolAid is made from these flowers
5. Opposite of gives
6. Practice college entrance test
7. Connects upper and lower leg

Down:
1. Give employment
2. Upper arm muscle
3. ANAGRAM – vehicle and dog toy
4. Utilizes



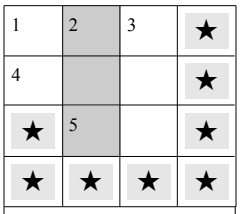
Across:
1. Labyrinth
4. North or South ___
6. Opposite of days.

Down:
1. ___ and Cheese
2. Numerical concept invented by the Mayans
3. ANAGRAM – not far
5. Shining objects



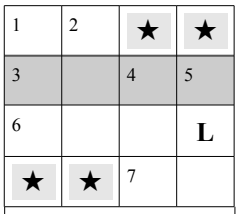
Across:
1. My router
4. ANAGRAM – to dispense, and the abbreviation of company
5. Lines, like of a poem

Down:
1. Moving air
2. Heals
3. Mechanical object with a pivot point



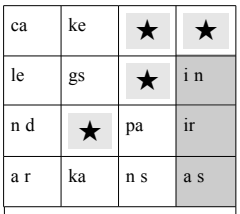
Across:
1. Like a cupcake
4. Form of dementia associated with older people
5. Sleeping devices

Down:
1. One of the nine Goddesses in Greek mythology associated with song and dance
2. ANAGRAM – casket
3. A body of water like a cove or bay



Across:
1. Pop
3. ANAGRAM – steals and a benefit
6. Everlasting
7. Rip or shred

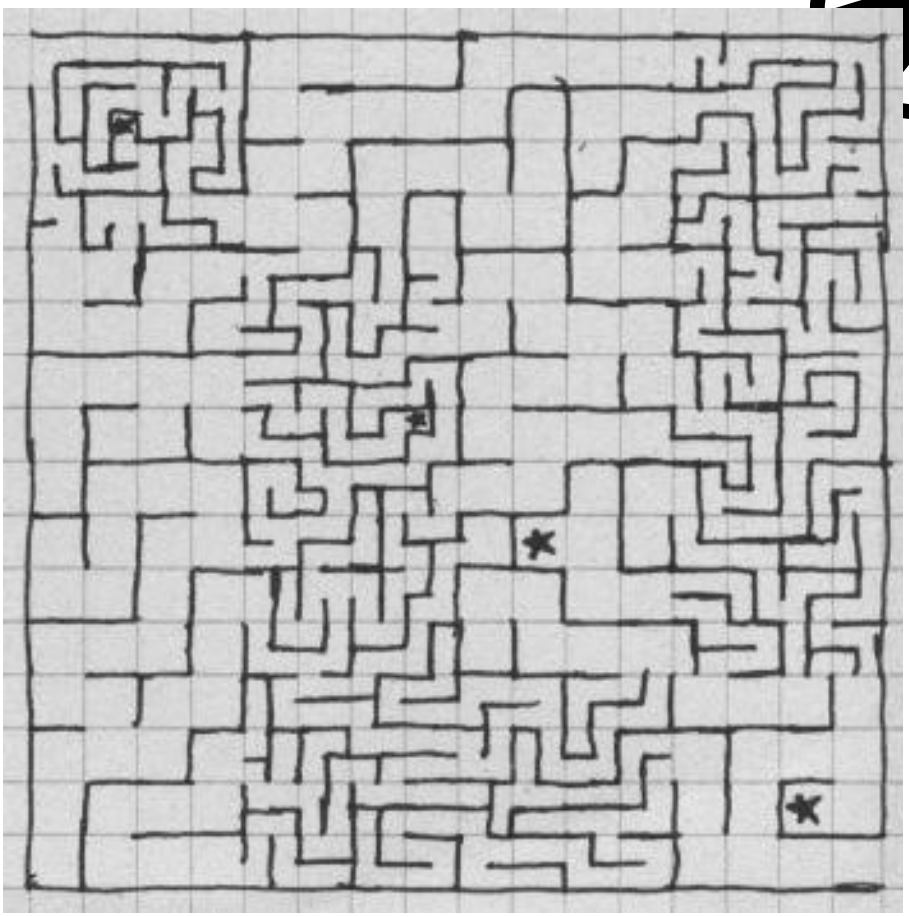
Down:
1. Fruit based ice cream type food
2. Less bright
4. One of the houses of Congress
5. Of or pertaining to one of the ends/extremes.



Across:
1. Baked treat
3. Walking body parts
5. Matching set of 2
6. US State whose name contains another state name

Down:
1. Planner for dates
2. Beer holders
4. ANAGRAM – dried grapes
5. Baking or cooking dish

maze
may 29



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the GRiddLe

Many thanks to:
My good friend Jay Bibby from JayIsGames.com who bought me this domain, my visitors, other puzzle enthusiasts (including Ed Pegg Jr. from MathPuzzle.com), my friend Chris Royer from Dexxent.com who hosts all of my other web design stuff that isn't on The Griddle, people on the internet that make lots of great fonts with neat stars in them that I have used in this pack (like “PizzaDude's Stars” and “Seeing Stars” and many more), and lots of classmates, teachers, and friends who tested and retested my puzzles. I hope you all enjoy this mega packet of puzzles!

David Millar (Web Designer/Puzzle Creator)