Classic Fillomino (1)

Divide the grid squares into polyominoes. Every number in the grid must be contained in a polyomino containing that quantity of squares. No two polyominoes containing the same quantity of squares may share an edge. A polyomino may contain one, more than one, or none of the numbers originally given.

This page has the first and second classic puzzles out of four.

Answer Entry: Enter the units digits of each square in the marked rows and columns, from left to right for rows and from top to bottom for columns.

Example grid:

7	7	7	1	3
2	2	7	7	3	(A)
1	7	7	1	3
7	2	2	7	7	(B)
7	7	7	7	1

Answer:
22773, 72277

Puzzle 1:

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

Puzzle 2:

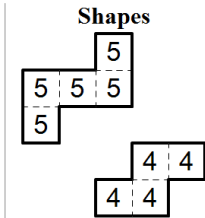|								
			2			3		
		1		3				6
	4		5		6		9	9
		7		9			9	
			8					
					2			
		8			1		3	
1		2		4		5		6
	2			7		9		
			8			8		

Classic Fillomino (2)

Divide the grid squares into polyominoes. Every number in the grid must be contained in a polyomino containing that quantity of squares. No two polyominoes containing the same quantity of squares may share an edge. A polyomino may contain one, more than one, or none of the numbers originally given.

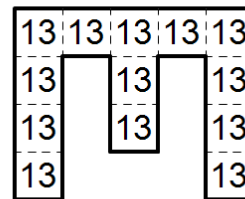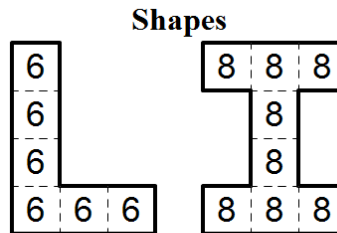**This page has the third and fourth classic puzzles out of four.**

Answer Entry: Enter the units digits of each square in the marked rows and columns, from left to right for rows and from top to bottom for columns.

	7	7	7	1	3
A	2	2	7	7	3
	1	7	7	1	3
B	7	2	2	7	7
	7	7	7	7	1

Answer:
22773, 72277

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

3									
A	4	4		4	4			2	
	4				4		5	12	
			4						
	4	1			4		4		
		4		4			2	4	
B						4			
	6	1		4				4	
	5			1	4		4	4	
									5

Shape Fillomino

Divide the grid squares into polyominoes. Every number in the grid must be contained in a polyomino containing that quantity of squares. No two polyominoes containing the same quantity of squares may share an edge. A polyomino may contain one, more than one, or none of the numbers originally given.
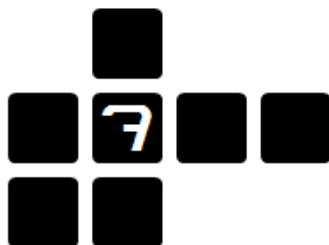
The shapes shown beside the puzzle must appear as polyominoes in the grid. Shapes may be rotated, but not reflected.

Answer Entry: Enter the units digits of each square in the marked rows and columns, from left to right for rows and from top to bottom for columns.

Shapes

A	4	4	5	5	5
	1	4	4	5	5
	5	5	1	4	4
B	2	5	4	4	3
	2	5	5	3	3

Answer:
14455, 25443

Shikaku Fillomino

Divide the grid squares into polyominoes. Every number in the grid must be contained in a polyomino containing that quantity of squares. No two polyominoes containing the same quantity of squares may share an edge. A polyomino may contain one, more than one, or none of the numbers originally given.

Every polyomino must be shaped like a rectangle.

Answer Entry: Enter the units digits of each square in the marked rows and columns, from left to right for rows and from top to bottom for columns.
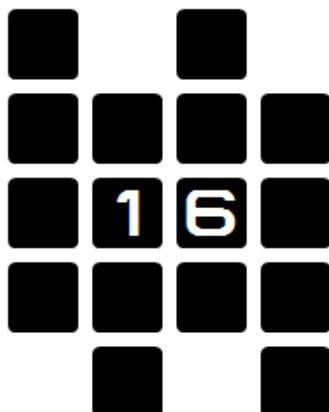
A▸	5	3	1	2	2
	5	3	2	4	4
	5	3	2	4	4
	5	6	6	6	2
B▸	5	6	6	6	2

Answer:
53122, 56662

Even-Odd Fillomino

Divide the grid squares into polyominoes. Every number in the grid must be contained in a polyomino containing that quantity of squares. No two polyominoes containing the same quantity of squares may share an edge. A polyomino may contain one, more than one, or none of the numbers originally given.

The odd numbers must form a single polyomino, and the even numbers must similarly form a single polyomino.

Answer Entry: Enter the units digits of each square in the marked rows and columns, from left to right for rows and from top to bottom for columns.

1	4	8	8	8
3	4	8	1	8
3	4	4	3	8
3	5	5	3	8
5	5	5	3	8

Answer:
34818, 35538

3		3		3		5
6		2		2		7
6		6		5		7
		10		3		
		10		10		
6		6		1		7
2		2		3		7
4		6		5		7

		5				2			
			2		7			3	
	2			2			3		
		4				3			2
			1		3			1	
	7			3		1			
7			3				1		
		3			10			1	
	3			3		3			
		4				4			

Cipher Fillomino

Divide the grid squares into polyominoes. Every number in the grid must be contained in a polyomino containing that quantity of squares. No two polyominoes containing the same quantity of squares may share an edge. A polyomino may contain one, more than one, or none of the numbers originally given.

The given numbers have been replaced by letters. All instances of a particular letter represent the same number, but two different letters must represent different numbers.
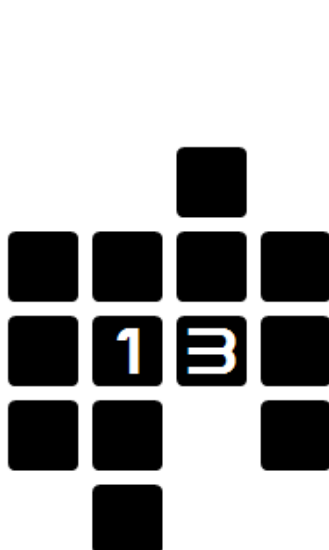
Answer Entry: Enter the units digits of each square in the marked rows and columns, from left to right for rows and from top to bottom for columns. Answers providing either the letters or substituted units digits will be accepted.

	A	A	B	B	B
A	C	B	A	A	D
	C	B	C	C	A
	C	B	A	C	A
B	C	D	A	C	D

Answer:
43221, 41241

	A	A	A	A	A	N	I	L	L	L
A	A									N
	A									L
	M		L	M	I	F				L
	O		O			I				M
B	F		N			L				L
	F		I	M	O	L				O
	I									O
	L									F
	I	I	N	M	L	N	L	F	F	F

Ч
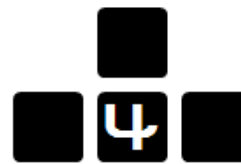
		A		A		B		C		A
	A		C		B		D		E	
		A		D		D		A		E
A	A		D		B		A		E	
		B								D
B	F								E	
		D		C		C		C		D
	B		B		C		D		C	
		D		A		F		F		F
	B		A		D		F		D	

9
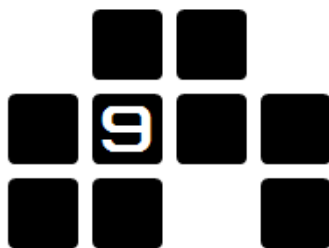
Greater-Than Fillomino

Divide the grid squares into polyominoes. Every number in the grid must be contained in a polyomino containing that quantity of squares. No two polyominoes containing the same quantity of squares may share an edge. A polyomino may contain one, more than one, or none of the numbers originally given.

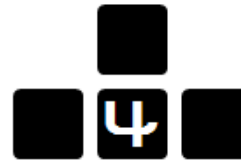**The grid will contain inequality signs. Each sign must point from a larger polyomino to a smaller one.**

Answer Entry: Enter the units digits of each square in the marked rows and columns, from left to right for rows and from top to bottom for columns.

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

Answer:
73225, 71333
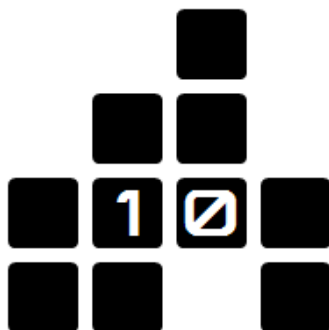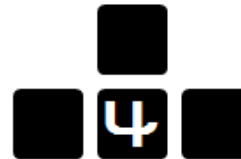
Sum Fillomino

Divide the grid squares into polyominoes. Every number in the grid must be contained in a polyomino containing that quantity of squares. No two polyominoes containing the same quantity of squares may share an edge. A polyomino may contain one, more than one, or none of the numbers originally given.

The grid contains some cages. The number at the top left of each cage gives the sum of all numbers that appear inside of it. Numbers may be repeated in cages.

Answer Entry: Enter the units digits of each square in the marked rows and columns, from left to right for rows and from top to bottom for columns.

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

Answer:
23544, 22332

Star Fillomino

Divide the grid squares into polyominoes. Every number in the grid must be contained in a polyomino containing that quantity of squares. No two polyominoes containing the same quantity of squares may share an edge. A polyomino may contain one, more than one, or none of the numbers originally given.
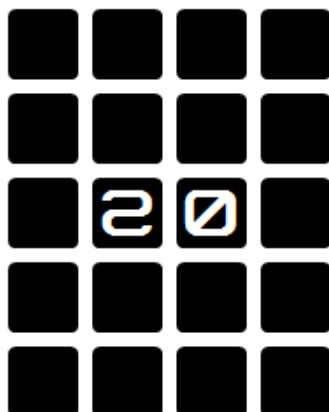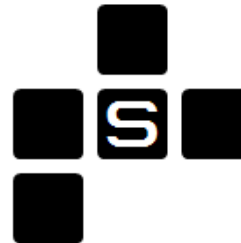
Not all of the cells will be contained in polyominoes; the remaining cells will contain stars. Every row and every column must contain two stars (one in the example), and no two stars may be in cells which share a corner or an edge.

Answer Entry: Enter the units digits of each square in the marked rows and columns, from left to right for rows and from top to bottom for columns. For a cell with a star, write S.

4	4	★	4	1
4	4	1	4	★
5	★	5	4	4
5	5	5	★	2
★	2	2	1	2

A → (row 2)   B → (row 5)

Answer:
4414S, S2212