

# EBONY & IVORY CLOSED CIRCUITS PQ

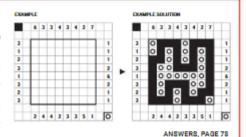


## **BY RODOLFO KURCHAN**

To solve these puzzles, put a black square or a white circle into each cell of the grid.

The numbers to the left of or above the grid indicate the length of the largest group of consecutive cells in that row or column that all contain black squares. Numbers to the right of or below the grid indicate the length of the largest group of consecutive cells in that row or column that all contain white circles.

The black squares should form a closed circuit that cannot cross itself. The circuit also may not form a 2×2 square, nor may different parts of the circuit touch each other, even diagonally.



#### **PUZZLE 1**

	7	1	3	3	1	3	1	2	1	4	
7											3
4											5
3											4
4	П										1
1											7
8	Т										1
1											8
4	Т										1
3	Т										3
3	Т										4
	2	5	2	1	3	1	2	1	2	1	0

#### **PUZZLE 3**

	4	2	1	3	1	3	1	3	1	6		
5	П				П					П	Г	1
2												3
3												2
1												6
6												1
1												5
3												3
4												5
3												4
6												1
	2	2	3	1	2	1	7	3	4	1		0

#### **PUZZLE 2**

	3	4	1	5	1	3	2	6	3	8	
4	г										2
4											2
2	Г										6
3											3
3	Г										1
1	Г										3
2	Г										3
3	Г									П	1
1	Г									П	3
5											1
	3	1	8	1	3	2	5	3	6	2	o

#### **PUZZLE 4**

	5	1	3	2	3	3	1	3	1	4	
5	Г										2
1											3
4											1
1											6
5											2
1											4
2											4
4											3
3											4
6											4
	2	3	2	2	2	5	7	2	2	2	o

## PUZZLE 5

	3	3	2	3	2	3	4	4	3	7	
3	т				Н	-	-	-			6
1											6
3											2
3		1									2
1											7
5											1
1											3
3	Т										1
3											3
5	L										4
+	5	3	5	2	2	3	4	4	5	2	0

# **PUZZLE 7**

	11	2	7	1	3	3	1	7	1	7	1	9	
100													
8													4
1													6
4													1
1													2
2	1												1
1													2
4													1
1													6
8													1
1													10
5													5
7	$\perp$											Ш	4
+	1	9	2	5	2	2	5	1	8	2	7	2	0



## **PUZZLE 6**

	3	4	1	4	2	2	3	4	3	8	
4	Т									П	2
2											2
3											2
1											7
3					_						3
2				-	-						2
2											2
2											2
1											2
4	L				_						2
+	2	1	8	4	3	4	2	3	6	2	О

## PUZZLE 8

	3	4	1	3	1	3	1	4	1	4	2	6	+
5												$\Box$	3
4													3
3													4
2													7
5	Т												3
1													6
3												$\Box$	1
1	Т											$\Box$	3
4													3
3													6
6													5
7	L												5
+	4	1	4	4	9	3	4	1	4	2	4	3	o

# STAR BATTLE HEXOMINOES 🕊

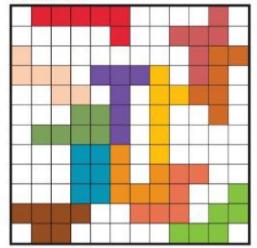


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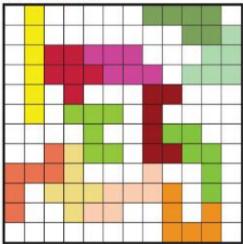
This is a variant on Star Battle Pentominoes, which appeared in our April issue. Your goal is to draw 2 stars in each hexomino so that there will be 2 stars in every row and every column. Stars cannot border other stars, not even diagonally. Puzzles are not arranged by difficulty. Only keen-eyed solvers will see why!

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## **PUZZLE ONE**

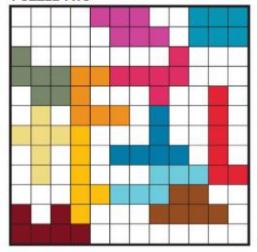


## **PUZZLE THREE**





## **PUZZLE TWO**



#### **PUZZLE FOUR**

