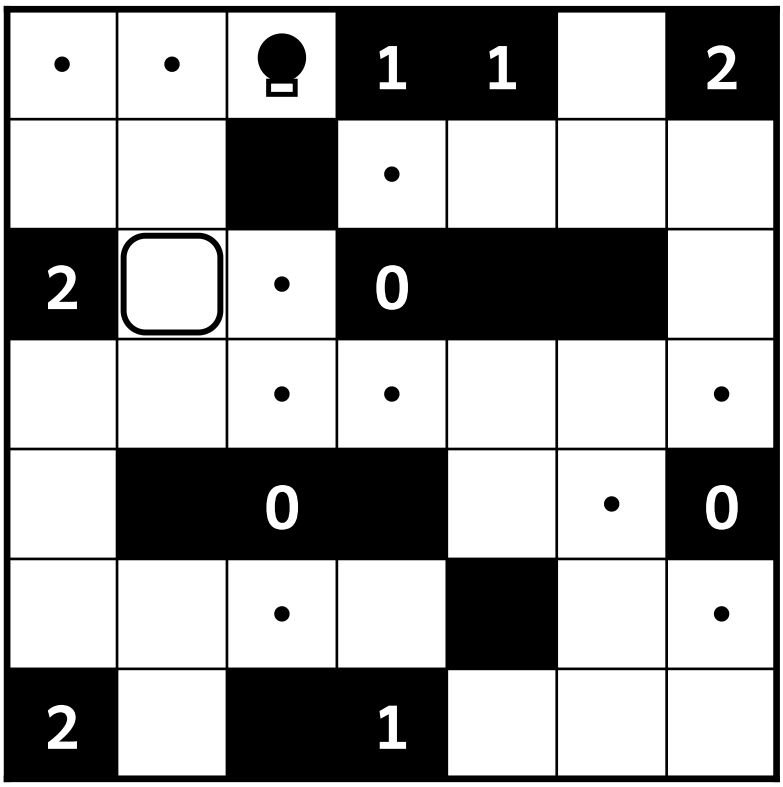
Learn a new puzzle

Light Up

Light every white square. Bulbs never shine on each other. A wall's number counts the bulbs beside it.



1. A 0 wall: no bulb beside it. Dot those squares.
2. A number with just enough open sides gets bulbs. Dot their light.
3. A square only one spot can light: the bulb goes there.

Why must the circled square get a bulb?

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1 Light Up

Light every white square. Bulbs never shine on each other. A wall's number counts the bulbs beside it. ☆

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

2 Light Up

Light every white square. Bulbs never shine on each other. A wall's number counts the bulbs beside it. ☆

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

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3 Light Up

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

4 Light Up

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		3			
0	3				
				1	1
1			0		

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5 Light Up

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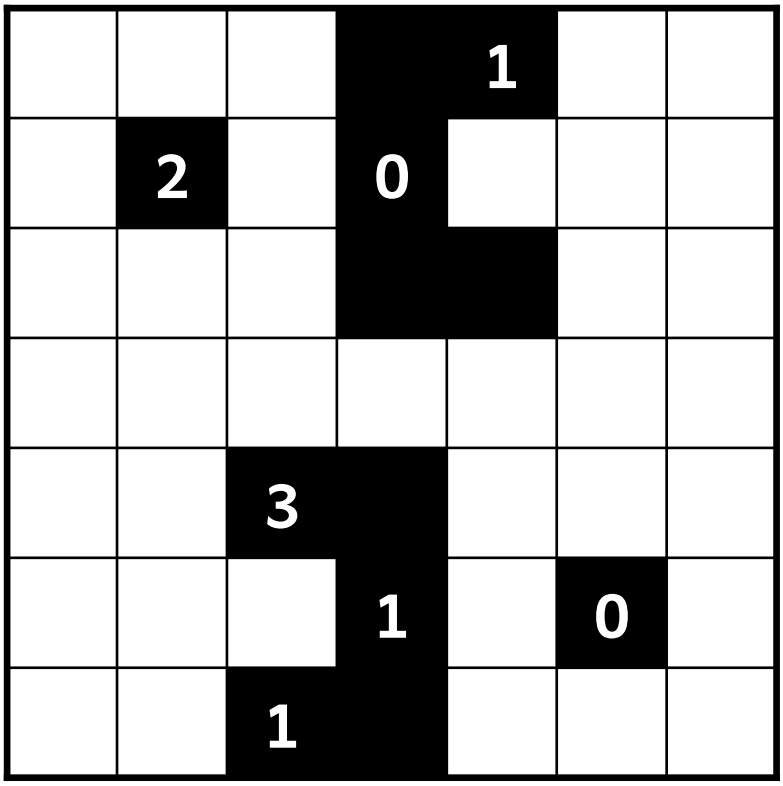
☆☆



6 Light Up

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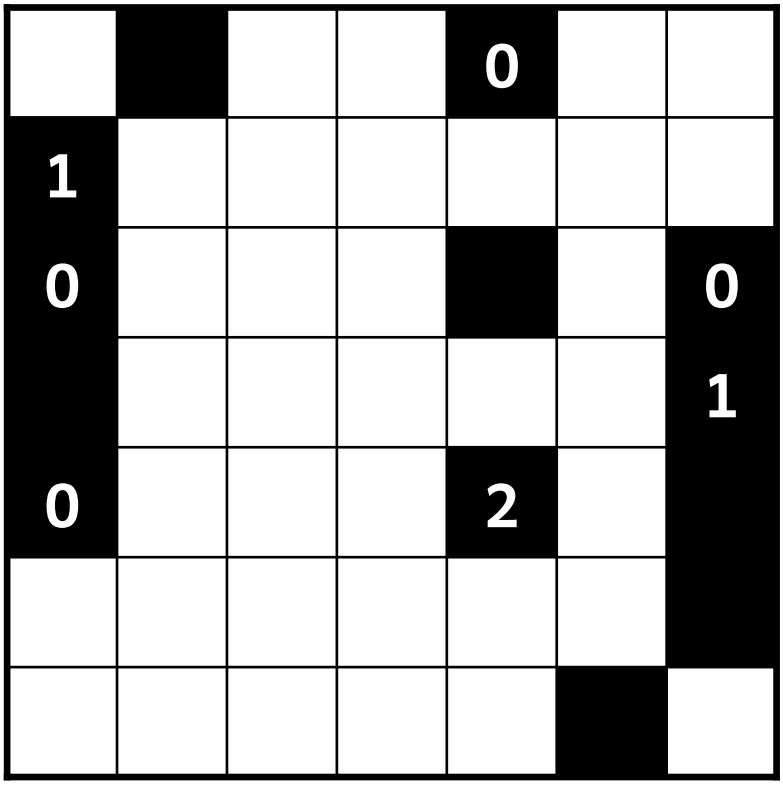
☆☆



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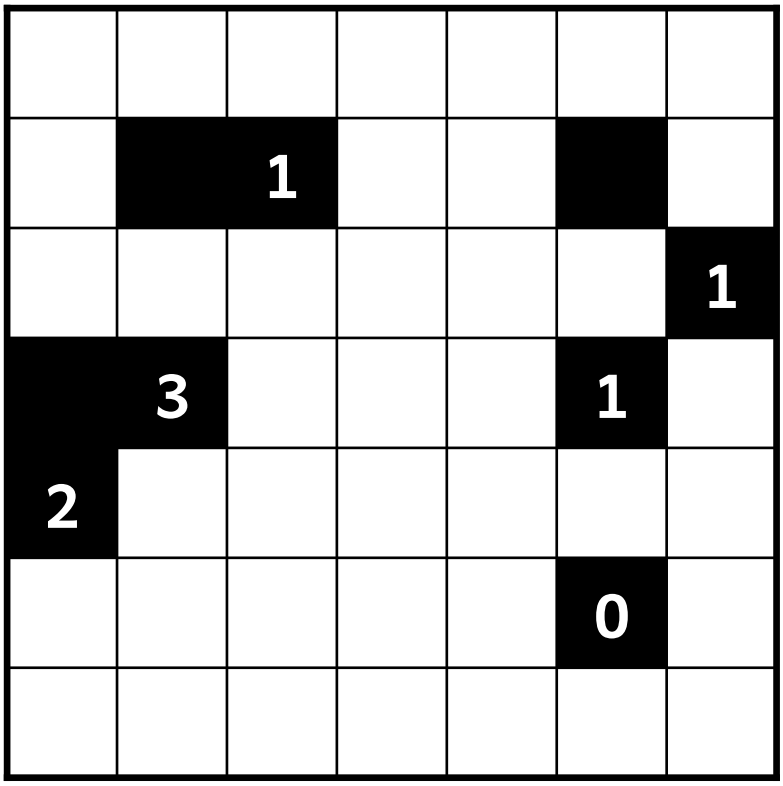
7 Light Up

Light every white square. Bulbs never shine on each other. A wall's number counts the bulbs beside it.

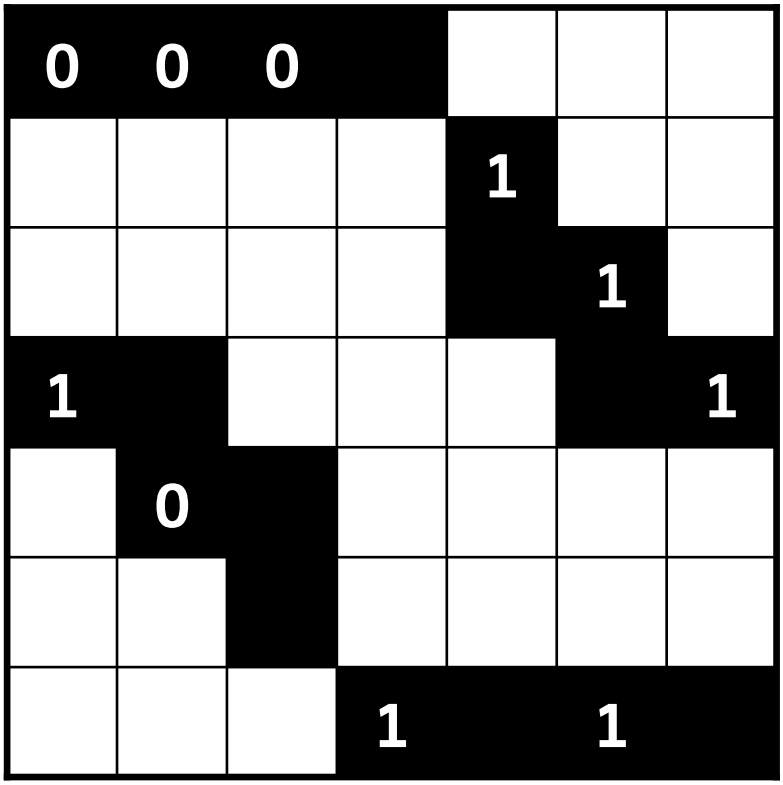
☆☆



8 Light Up

Light every white square. Bulbs never shine on each other. A wall's number counts the bulbs beside it.

☆☆



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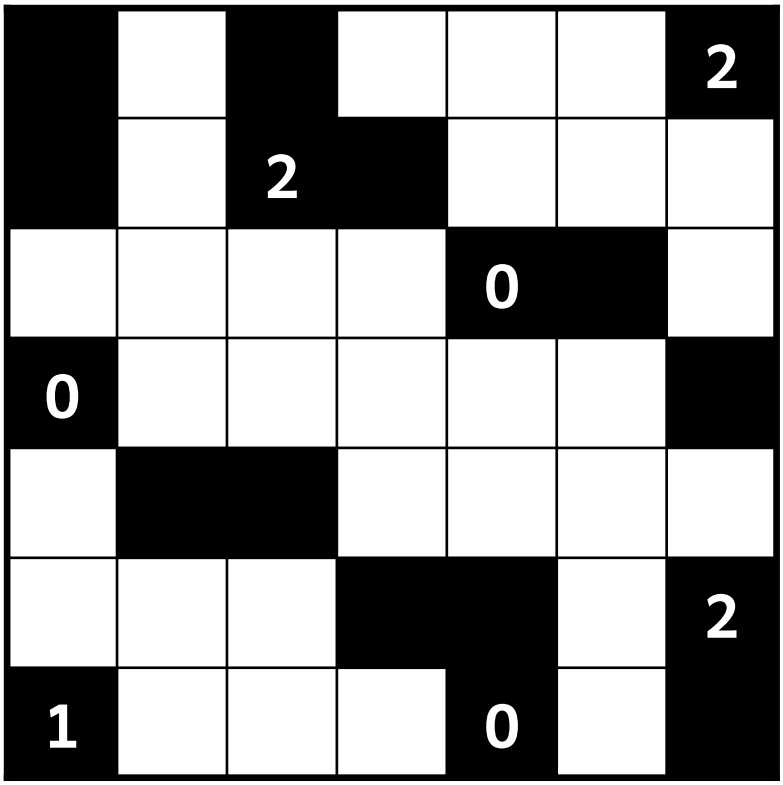
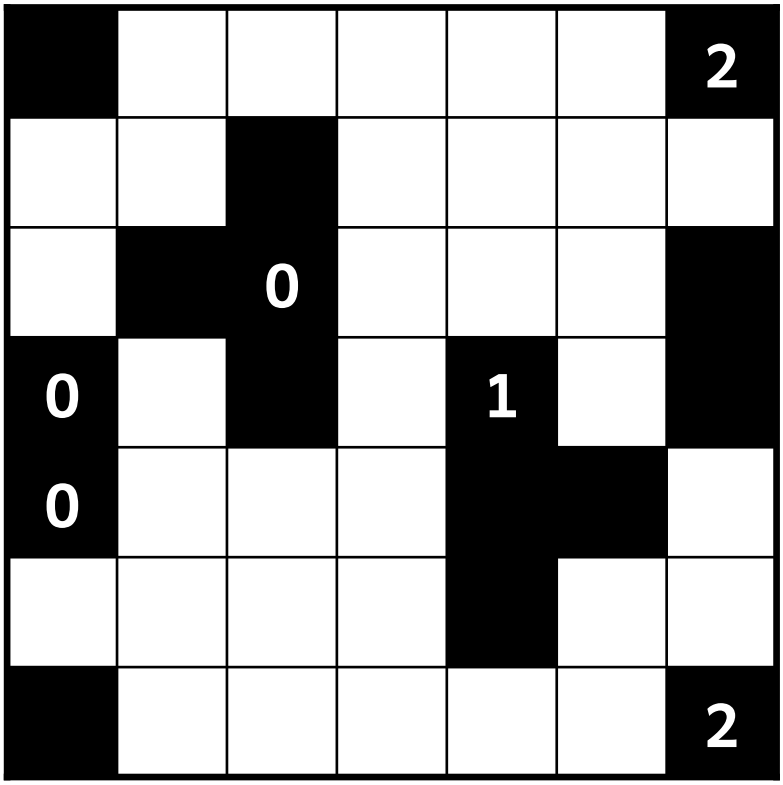
9 Light Up

Light every white square. Bulbs never shine on each other. A wall's number counts the bulbs beside it. ☆☆☆



10 Light Up

Light every white square. Bulbs never shine on each other. A wall's number counts the bulbs beside it. ☆☆☆



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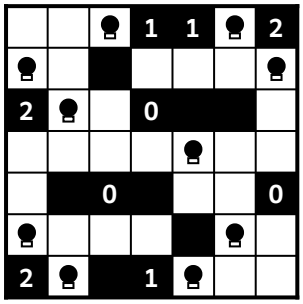
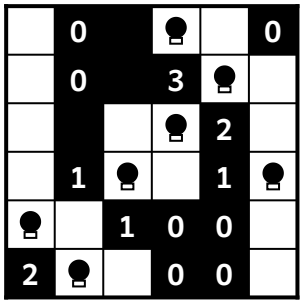
Answers

For grown-ups. Cut off or keep this page aside until the puzzles are done.

Learn · Light Up

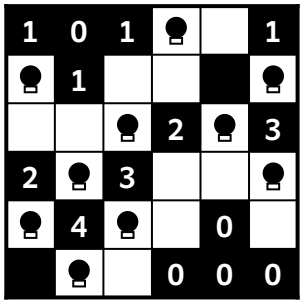


#1



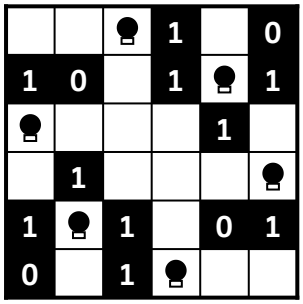
The 0 at row 1, column 2 has no bulbs beside it: row 1, column 1 gets none.

#2



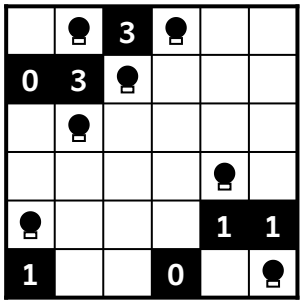
The 1 at row 1, column 1 needs every open side: row 2, column 1 gets a bulb.

#3



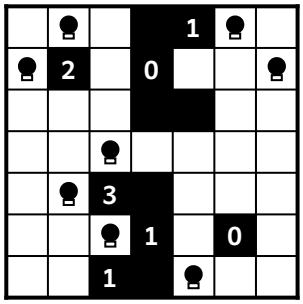
The 0 at row 1, column 6 has no bulbs beside it: row 1, column 5 gets none.

#4



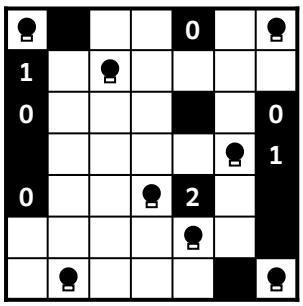
The 3 at row 1, column 3 needs every open side: row 2, column 3 gets a bulb.

#5



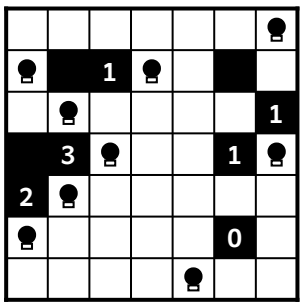
Only one square can still light row 2, column 5: a bulb at row 2, column 7.

#6



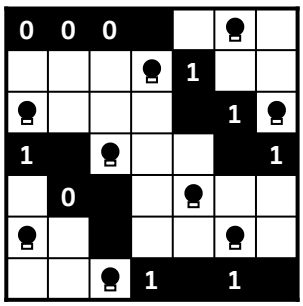
Only one square can still light row 1, column 1: a bulb at row 1, column 1.

#7



Only one square can still light row 2, column 7: a bulb at row 1, column 7.

#8



Only one square can still light row 2, column 2: a bulb at row 2, column 4.

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Answers

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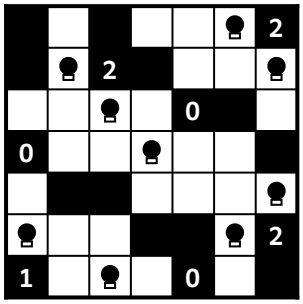
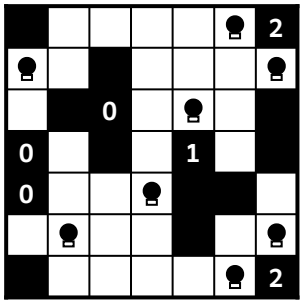
#9



Only one square can still light row 4, column 4: a bulb at row 4, column 4.

#10



Only one square can still light row 3, column 1: a bulb at row 2, column 1.

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