

# LÁZEŇSKÉ OŘÍŠKY - LOGIKA 2024/5 - 3. kolo

1.

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

2.

7    15    35    **85**    210

Pravidlo:  $a_n = a_{n-1} + 8 \times 2,5^{n-1}$

$a_0 = 7$

$a_1 = 15 = 7 + 8 \times 2,5^0$

$a_2 = 35 = 15 + 8 \times 2,5^1$

$a_3 = 85 = 35 + 8 \times 2,5^2$

$a_4 = 210 = 85 + 8 \times 2,5^3$

3.

1    3    2    1    1

1			●		1	
1	●	○	○	○	4	
2		○	●	○		
	○	●	○		2	
4	○	○	○		●	1
	3	2	3	3	1	

4.

206								
103		103						
51		52		51				
25		26		26		25		
13		12	14		12	13		
8	5		7	7		5	8	
6	2	3	4		3	2	6	

5.

Orange	Orange	Orange	Orange	Orange	Yellow	Cyan	Cyan
Green	Black	Light Blue	Yellow	Yellow	Black	Cyan	Cyan
Green	Light Blue	Light Blue	Yellow	Pink	Cyan	Cyan	Cyan
Green	Green	Light Blue	Pink	Pink	Yellow	Yellow	Yellow
Green	Orange	Orange	Pink	Yellow	Yellow	Yellow	Pink
Orange	Orange	Cyan	Green	Light Blue	Light Blue	Light Blue	Pink
Orange	Black	Cyan	Green	Green	Light Blue	Black	Pink
Cyan	Cyan	Cyan	Green	Green	Light Blue	Pink	Pink

6.

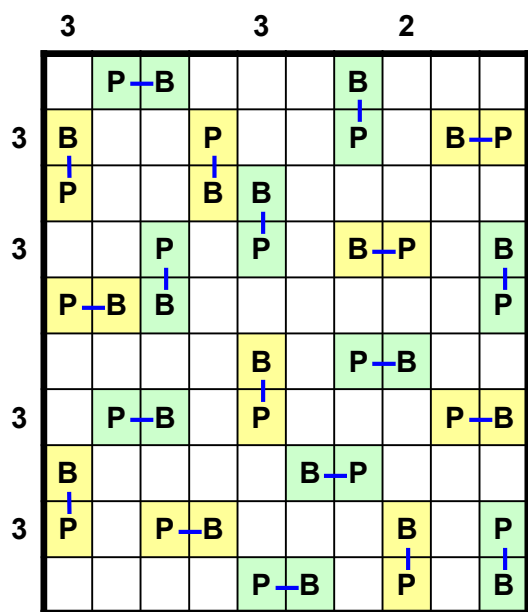
2    3    2    4    4

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

7.

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

8.



9.

