Puzzle – „Escher Cubes"

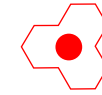|							
1	2	3	4	(17)			
5	6*	7*	8	(18)	(13)		
9	10*	11	12*	(19)	(14)	(9)	
13	14*	15*	16*	(20)	(15)	(10)	(5)
17	18*	19	20	00	(16)	(11)	(6)	(1)
[4]	[8]	[12]	[16]	[20]	(12)	(7)	(2)
[3]	[7]	[11]	[15]	[19]	(8)	(3)	
[2]	[6]	[10]	[14]	[18]	(4)		
[1]	[5]	[9]	[13]	[17]			
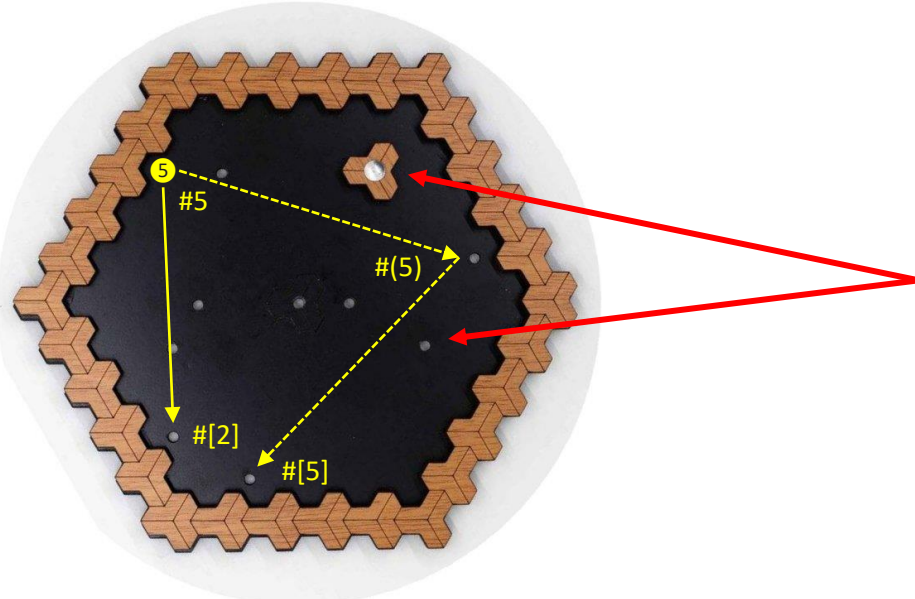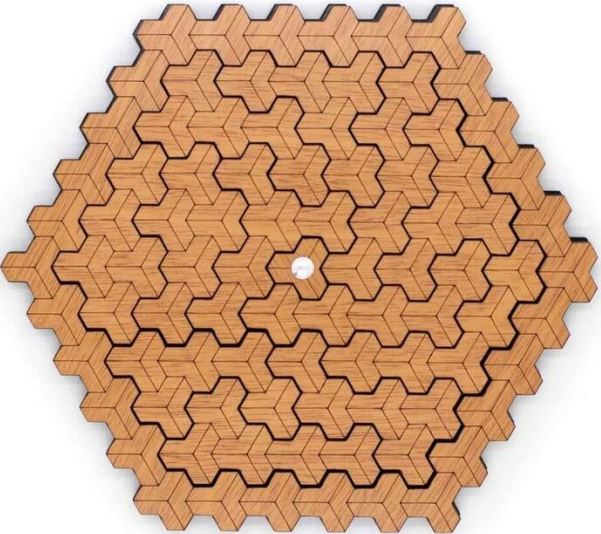
An extremely difficult puzzle with a total of 61 fields. 12 differently shaped pentominoes (five triangular base shapes) and the single triangular base element should completely fill the playing area.
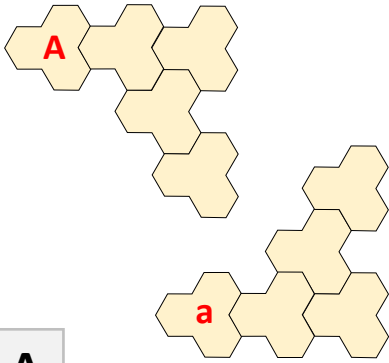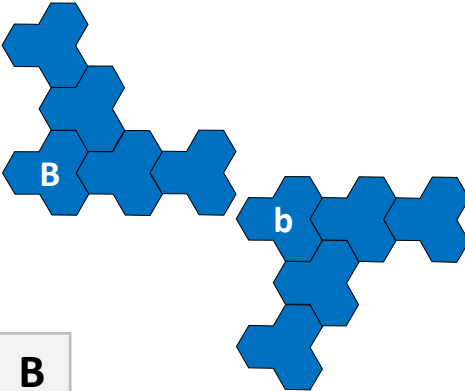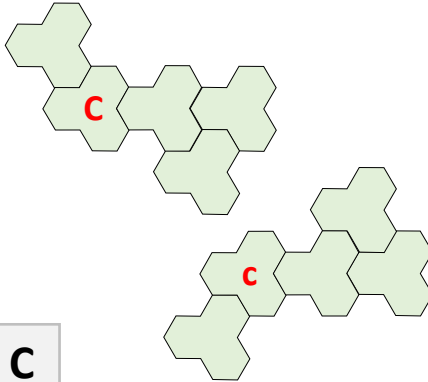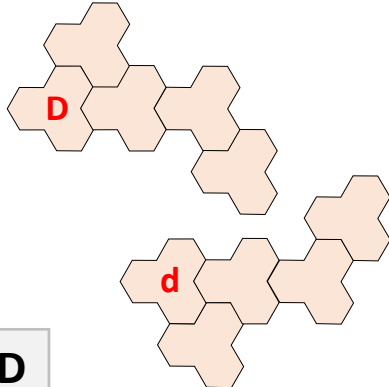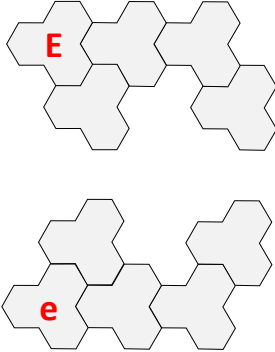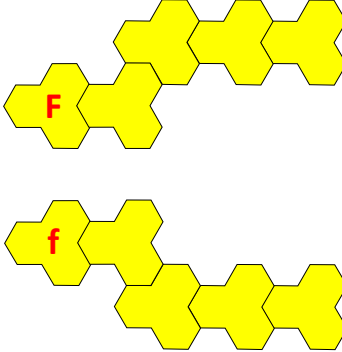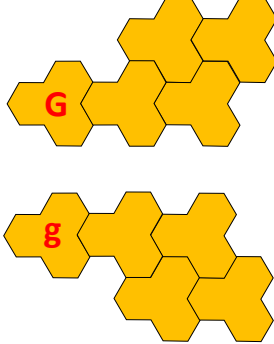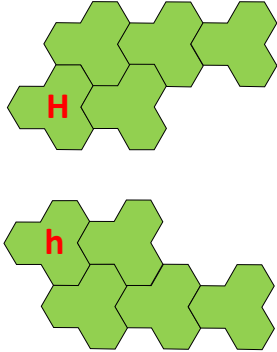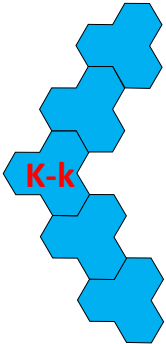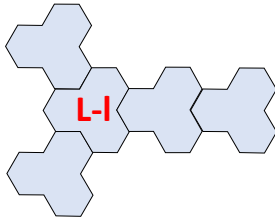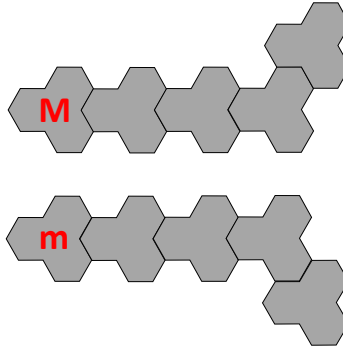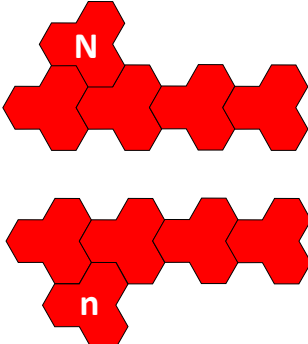
There are ten predefined positions for the base element. Solution #[2] and #[5] are derivatives of #5 >> #(5)

The puzzle has space for 21 solutions (marked in yellow). So far, 32 solutions have been found in 20 positions. Other positions can be reached by rotating it by 120 degrees. There is also the option of turning the entire playing field in space.
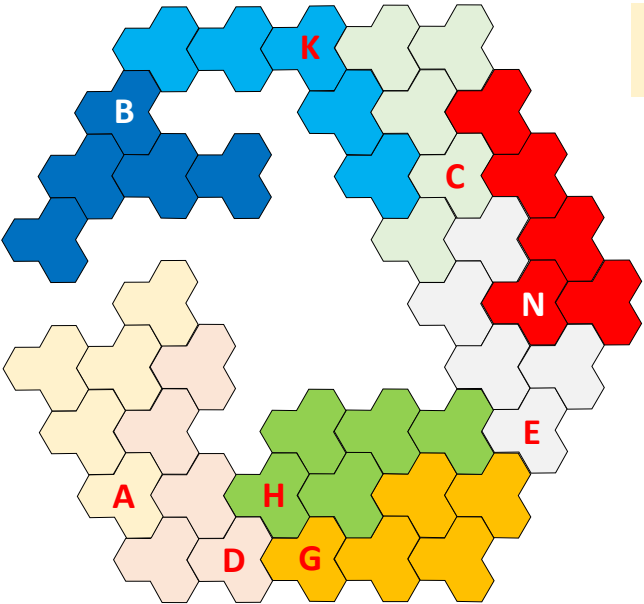
Escher-Cubes_O-09

Pentomino solutions

solution # 00
12 front side
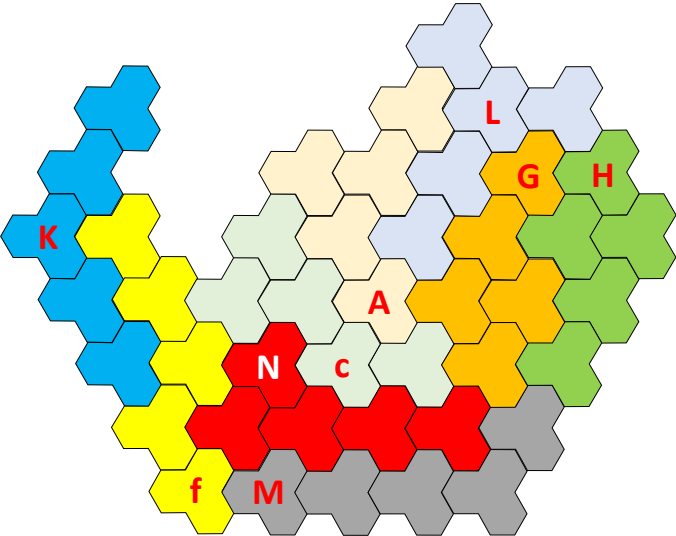
solution # 1
9 front side

solution # 2
7 front side

solution # 3
11 front side

Pentomino solutions

solution # 4
5 front side

solution # 5a
8 front side

solution # 5b
7 front side
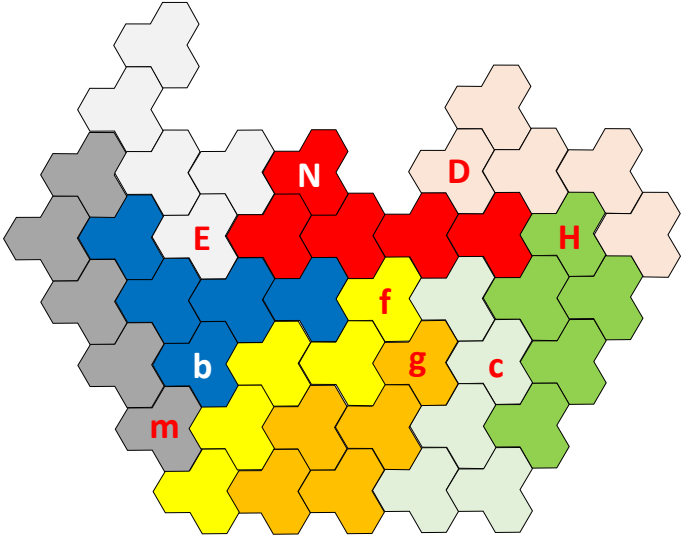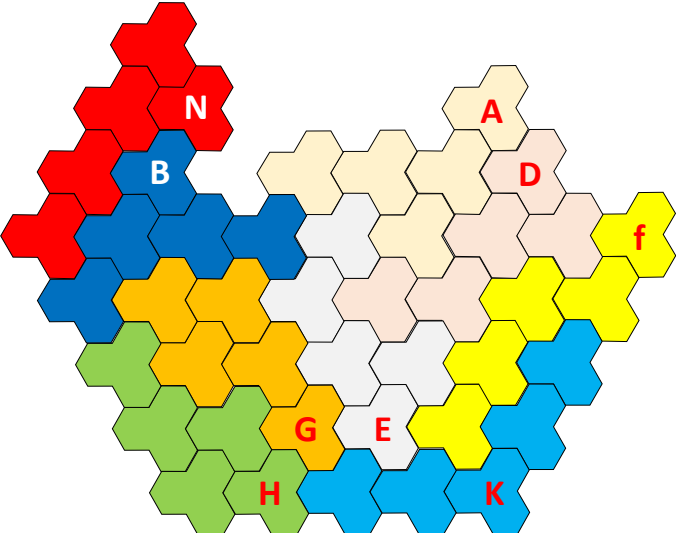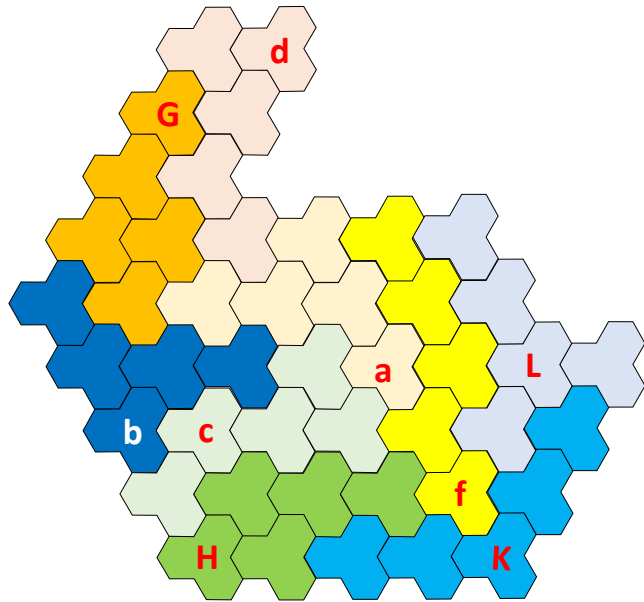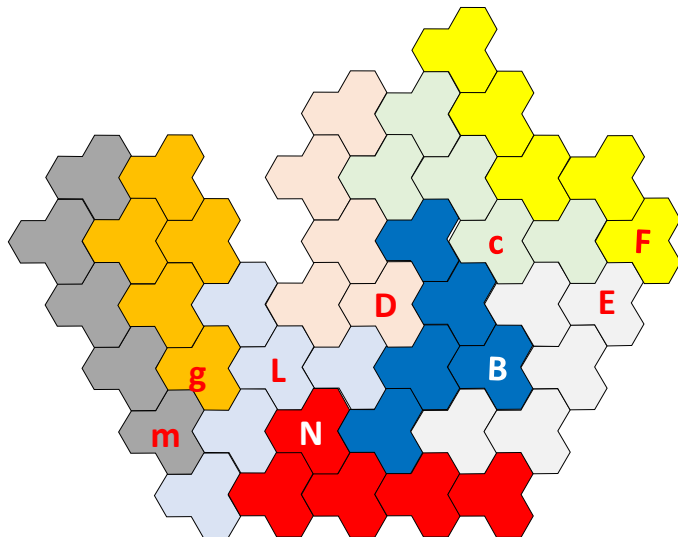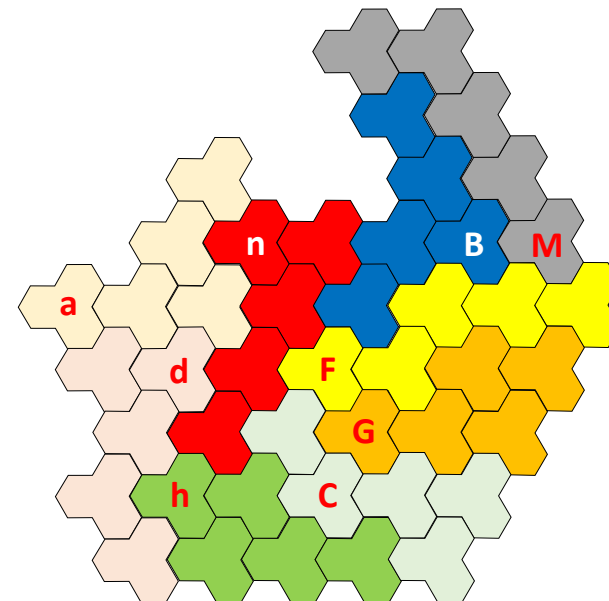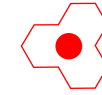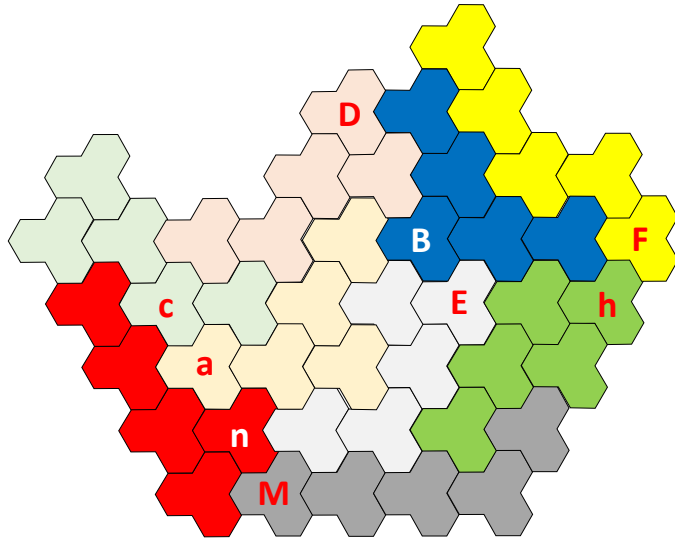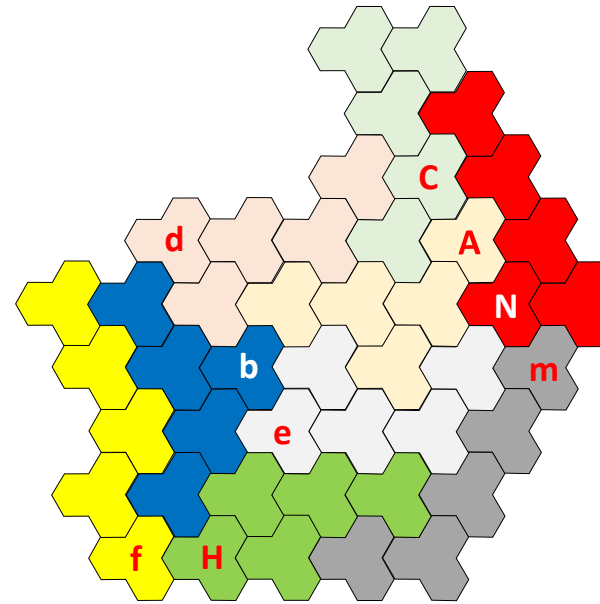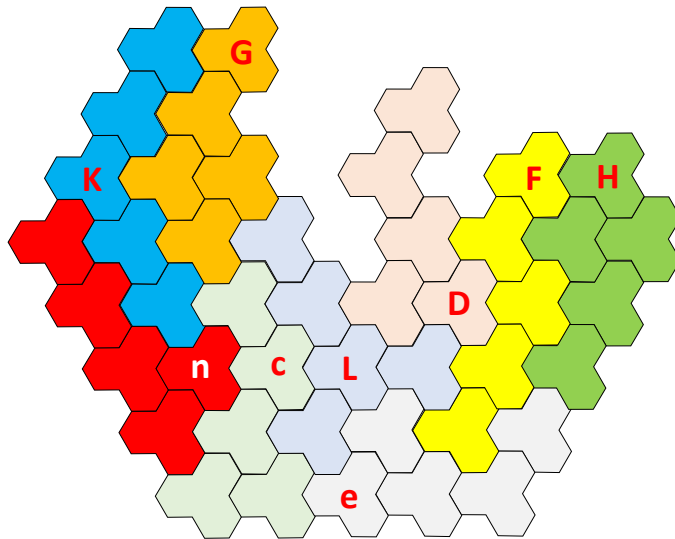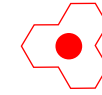
Pentomino solutions

solution # 6a
8 front side

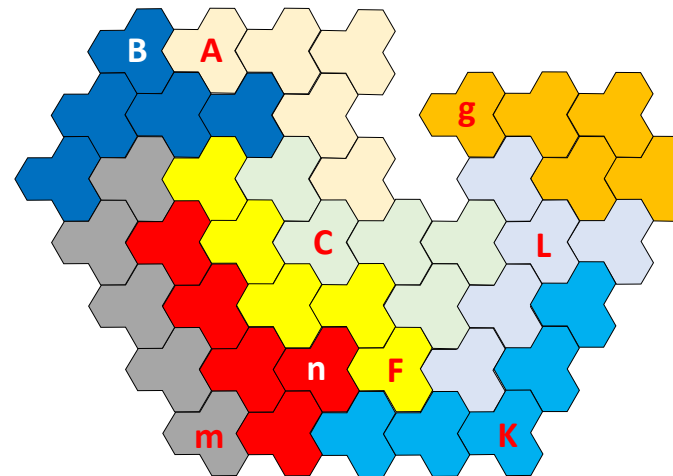**solution # 6b**
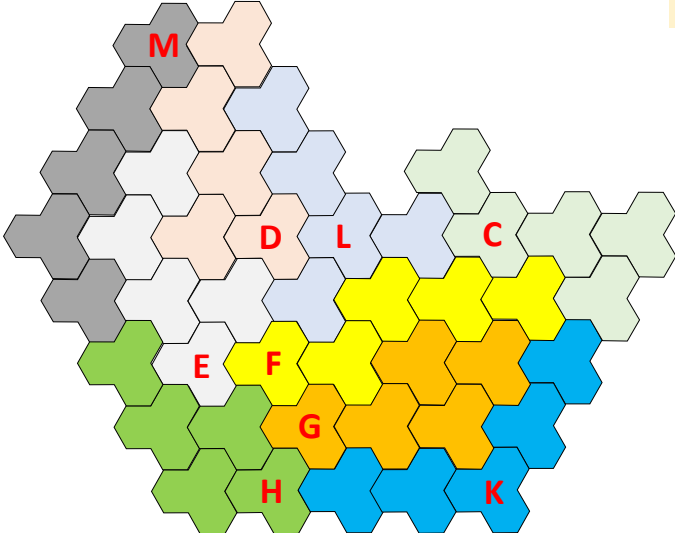**6 front side**

solution # 7a
8 front side

solution # 7b
7 front side
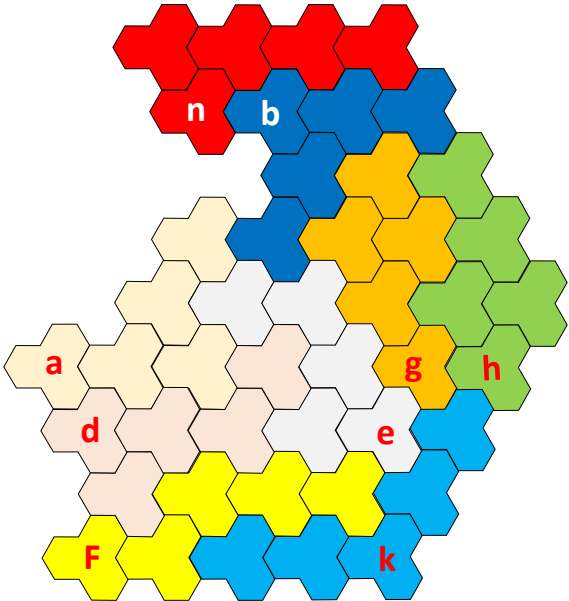
Pentomino solutions
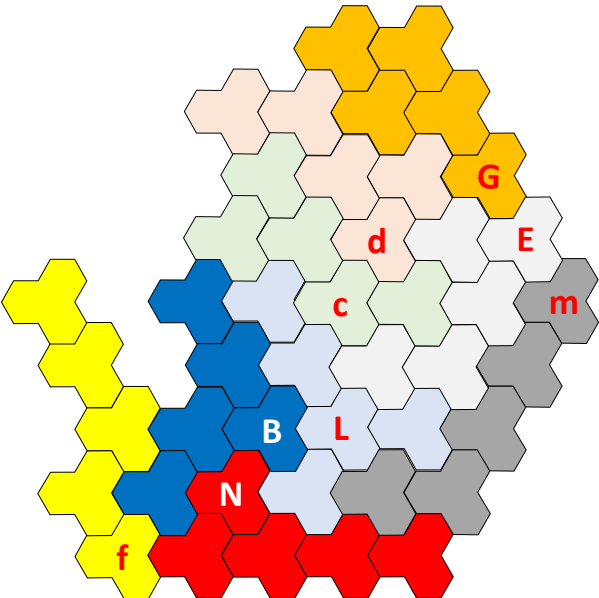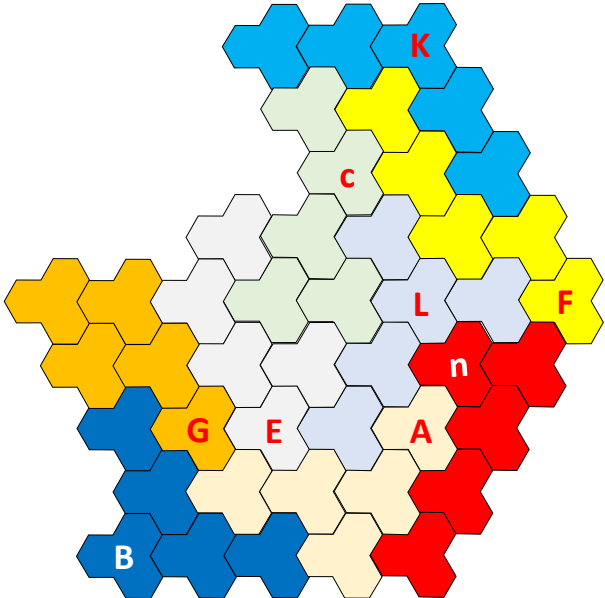
solution # 8
12 front side

solution # 9
11 back side

solution # 10a
8 front side

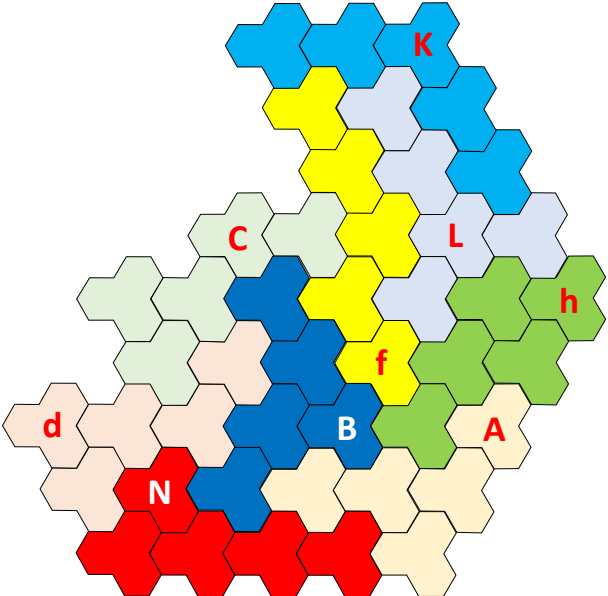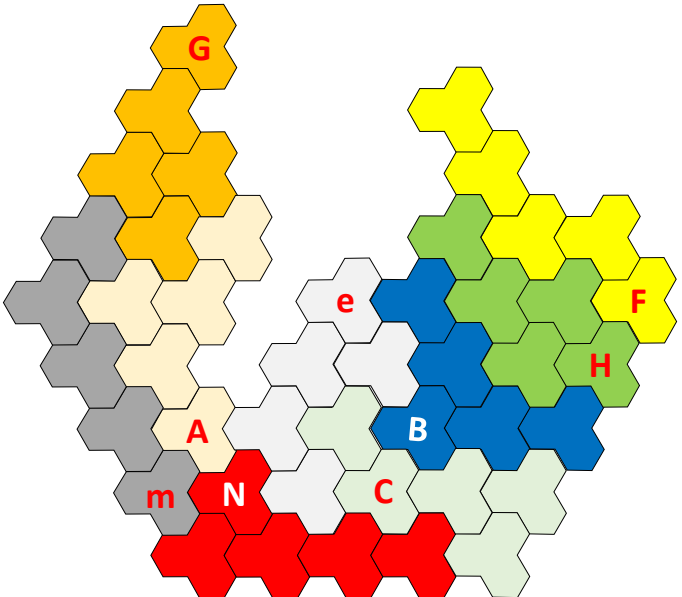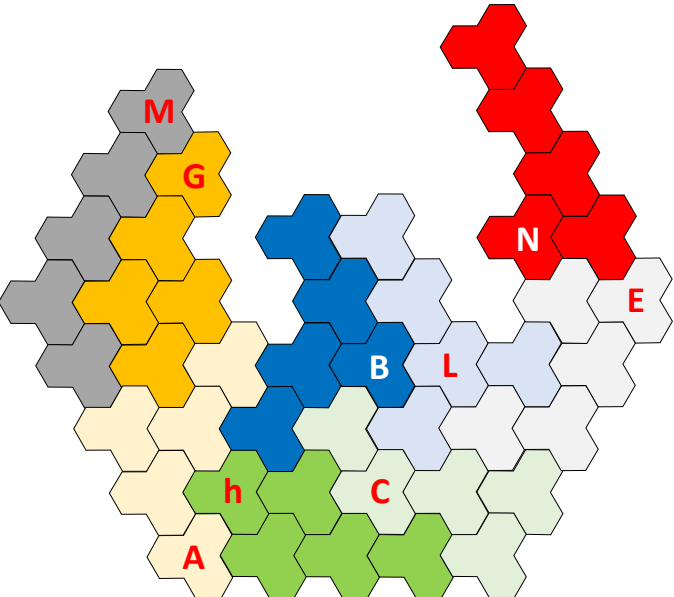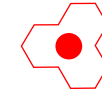

solution # 10b
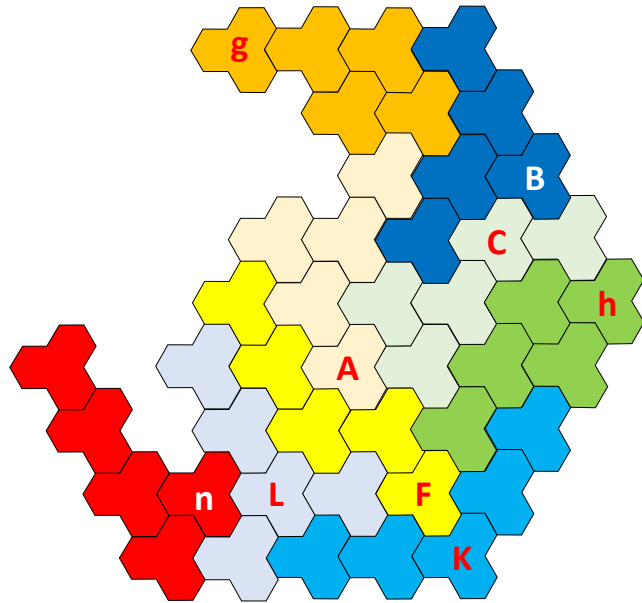8 front side

Pentomino solutions

solution # 11
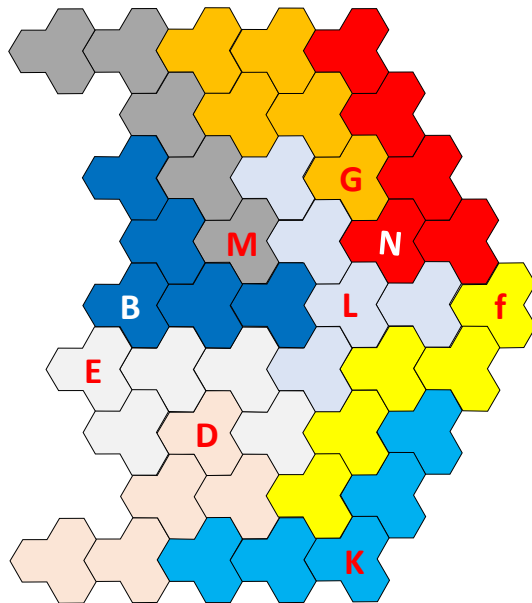8 front side

solution # 12a
10 front side

solution # 12b
9 front side

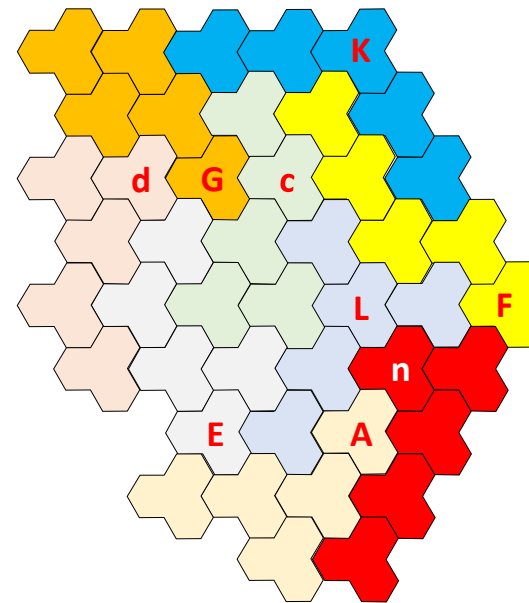# Pentomino solutions
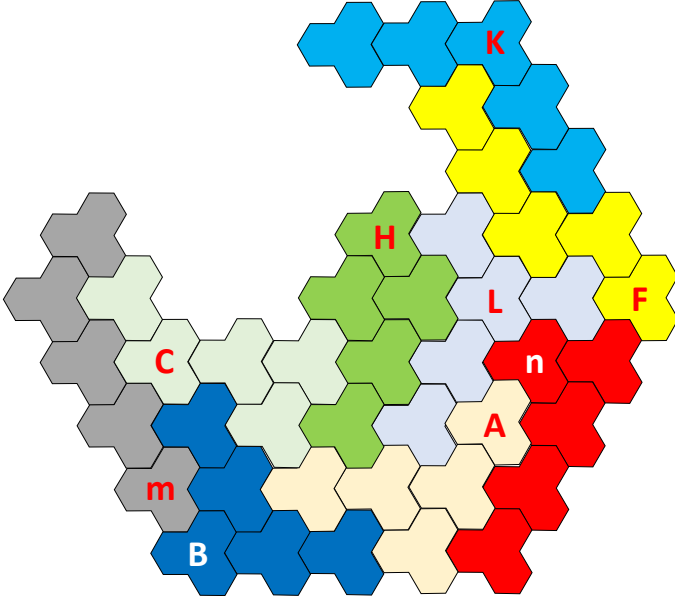
solution # 13
9 front side

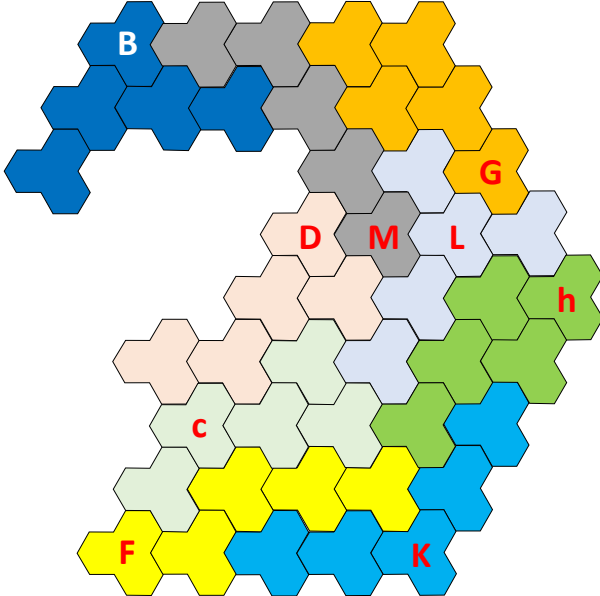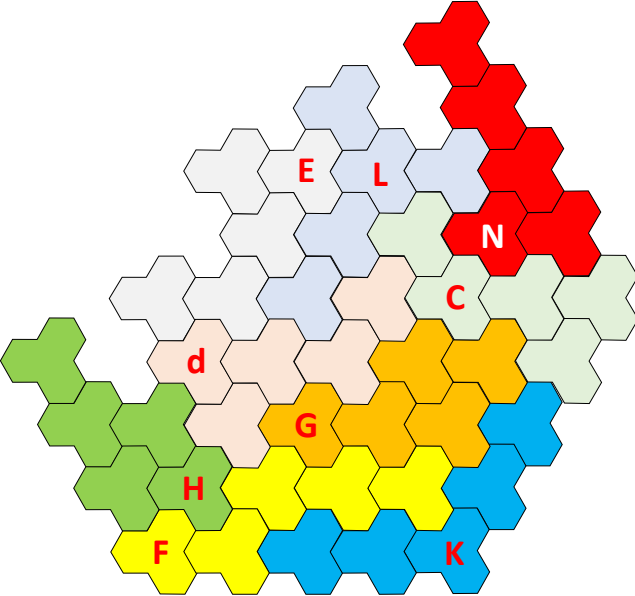solution # 14a
10 front side

solution # 14b
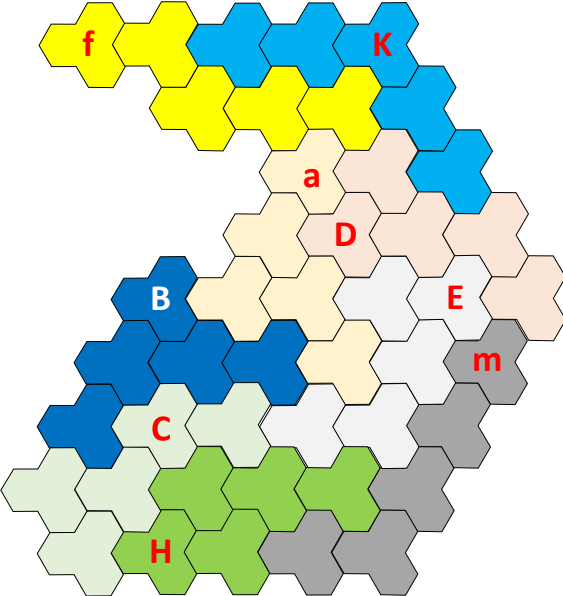8 front side

Pentomino solutions

solution # 15a
10 front side

solution # 15b
9 front side
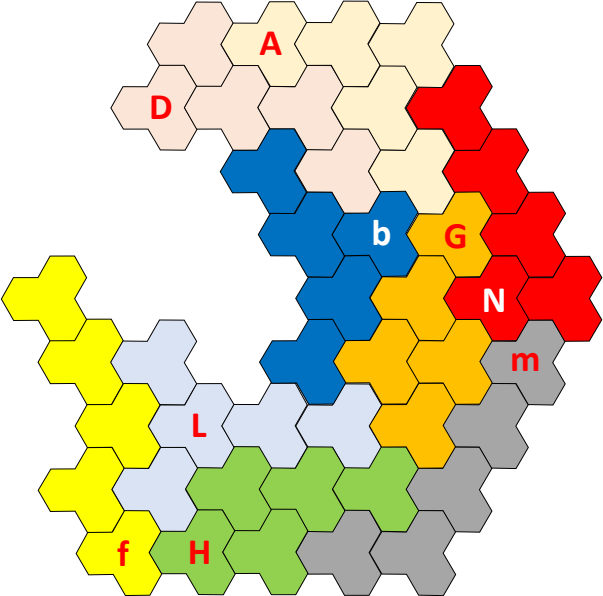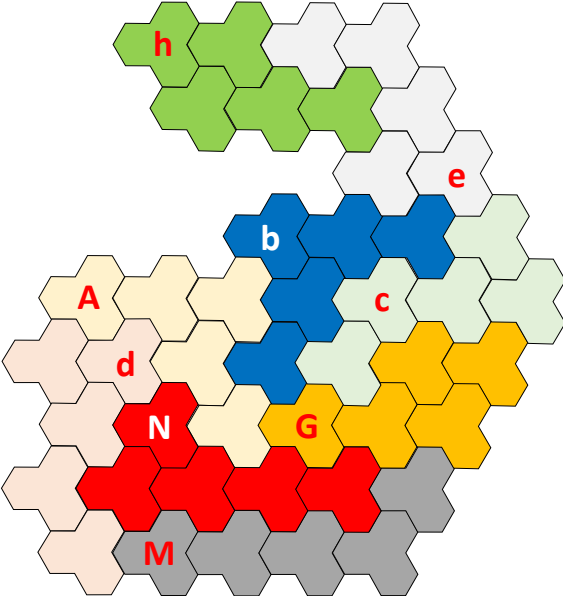

solution # 15c
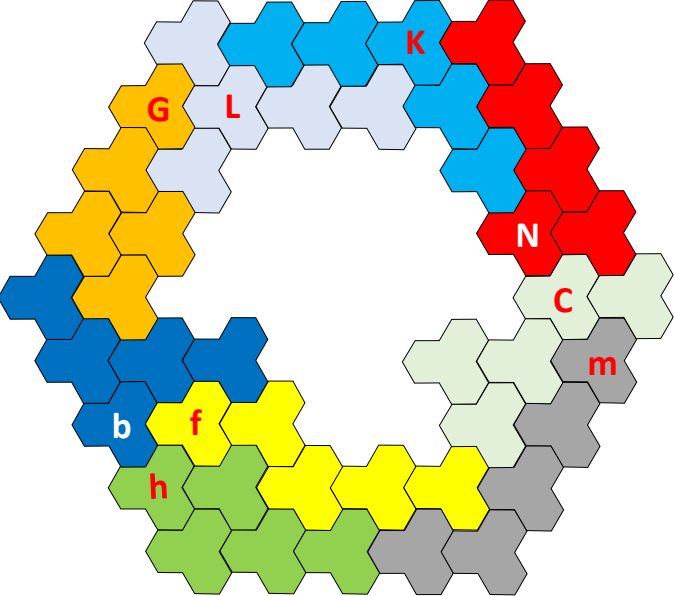8 front side

Pentomino solutions

solution # 16a
9 front side
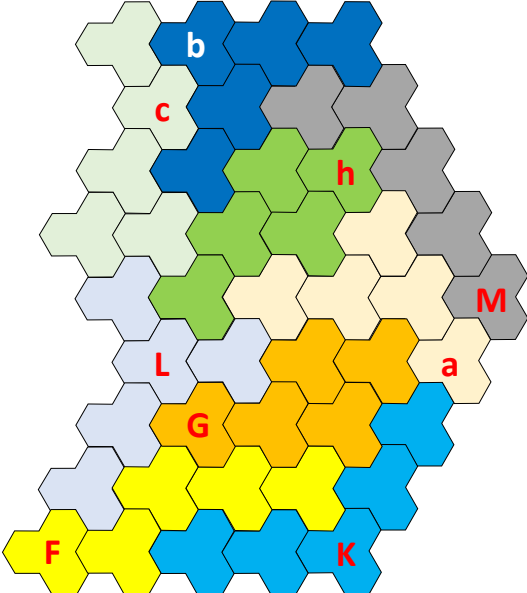

solution # 16b
9 front side
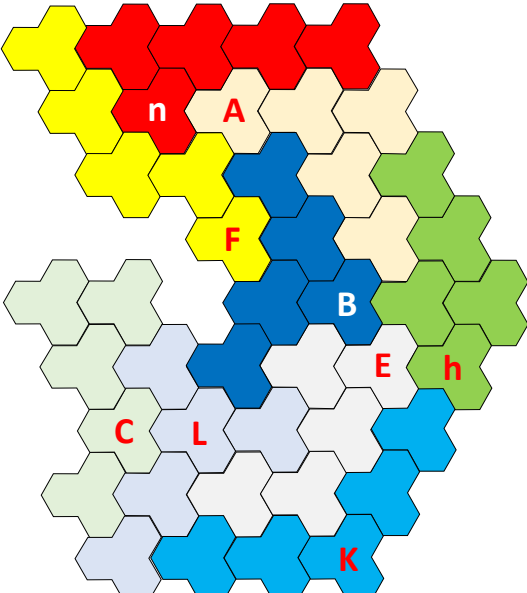

solution # 16c
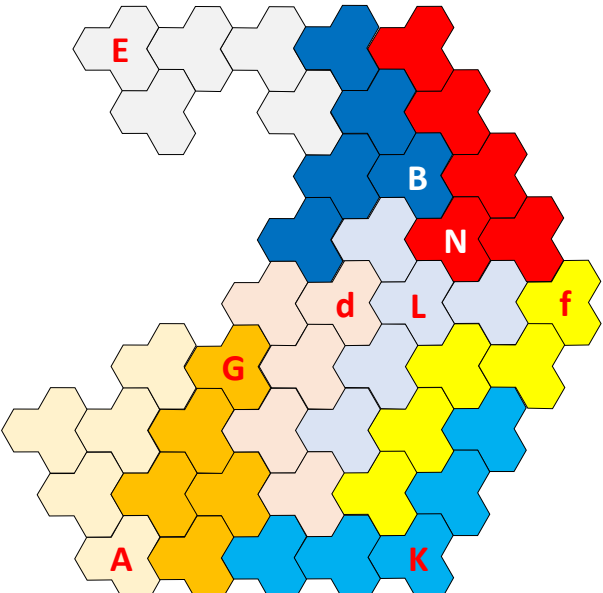7 front side

solution # 16d
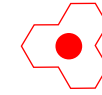6 front side

Pentomino solutions
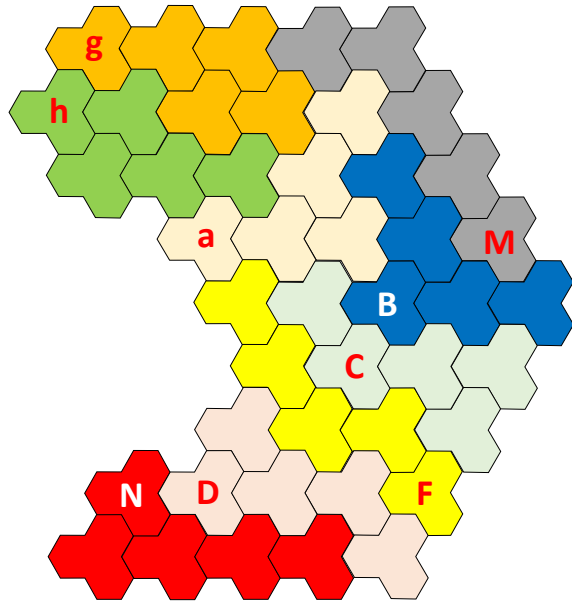
solution # 17
8 front side
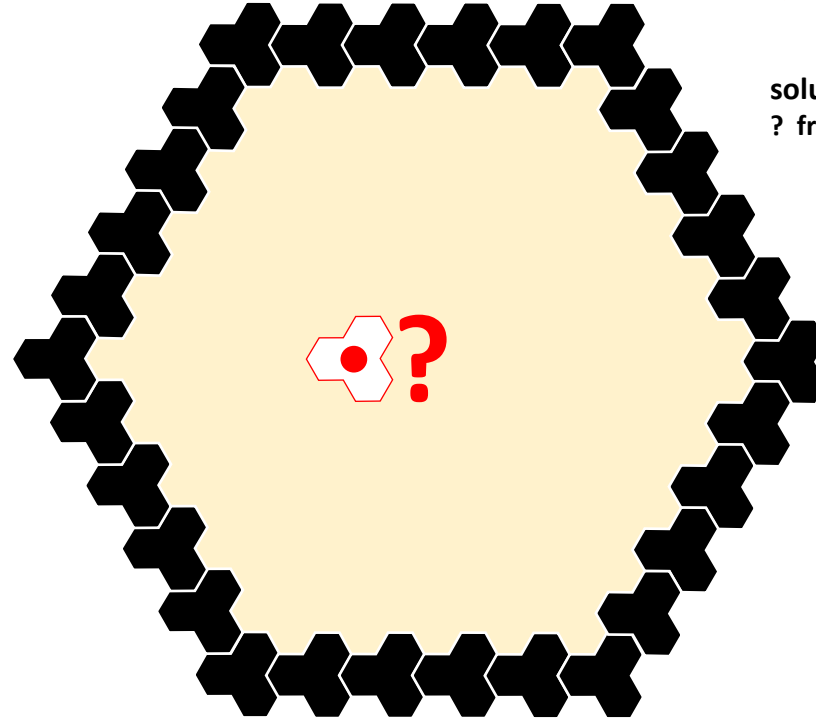

solution # 18a
9 front side

solution # 18b
8 front side

Pentomino solutions

solution # 19
8 front side

solution # 20
? front side