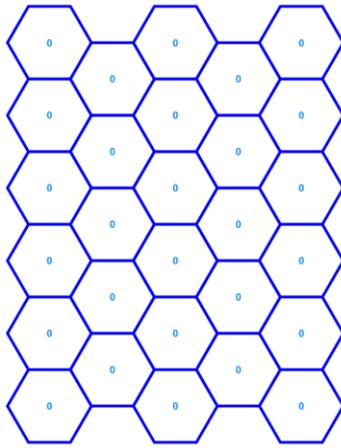


HexPack 2.0

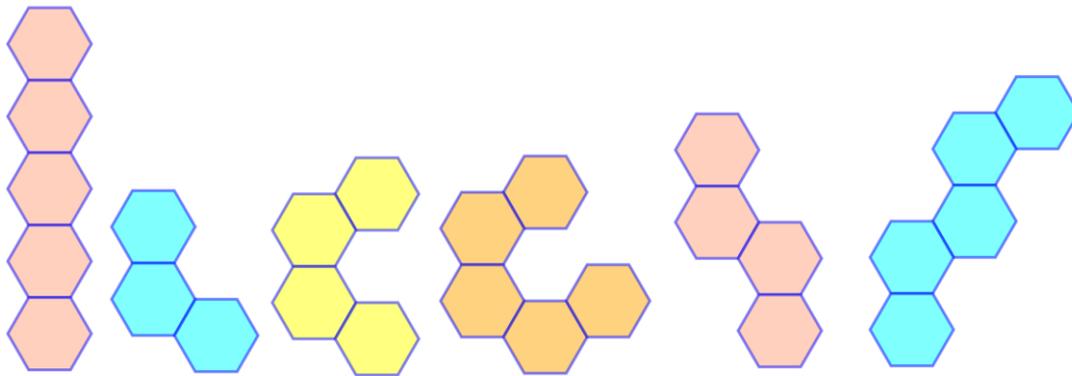
The HexPack puzzles require to place elements on a hexagonal grid with the goal of creating packings covering a maximum number of cells. A packing has the following characteristics:

- any two elements do not overlap
- an element is entirely on the grid

The hexagonal grid (the board) consists of 28 regular hexagons, arranged as in the picture below:



Elements are chains of regular hexagons with the same side length as the ones on the grid:



I5

C3

C4

C5

S4

S5

The designation rule is simple: the elements have the shape of an “I”, a “C” or an “S” and they consists of as many regular hexagons as indicated by the digit in their name.

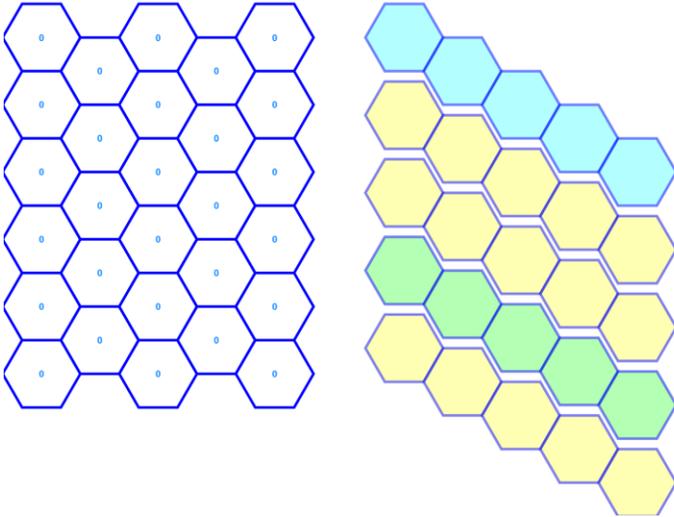
An element can be moved (mouse left click & drag) or can be rotated by 60 degrees counterclockwise (right click on the hexagon that is the center of the rotation).

If one element is completely placed on the board, each cell that is covered will received a point.

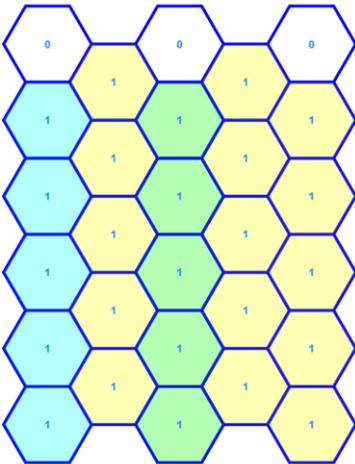
For each cell, the board will display the total numbers of hexagons from all the elements that cover that cell. A packing can show only zeros and ones. A counter greater or equal than 2 indicates the existence of at least one overlapping.

5 I5 Puzzle

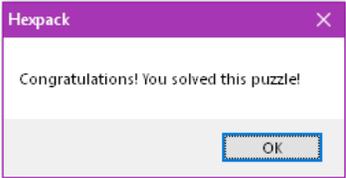
This puzzle requires the placement of 5 I5 elements on the board.



The solution to this puzzle is very simple: Rotate the elements to vertical position and place them as columns on the grid.



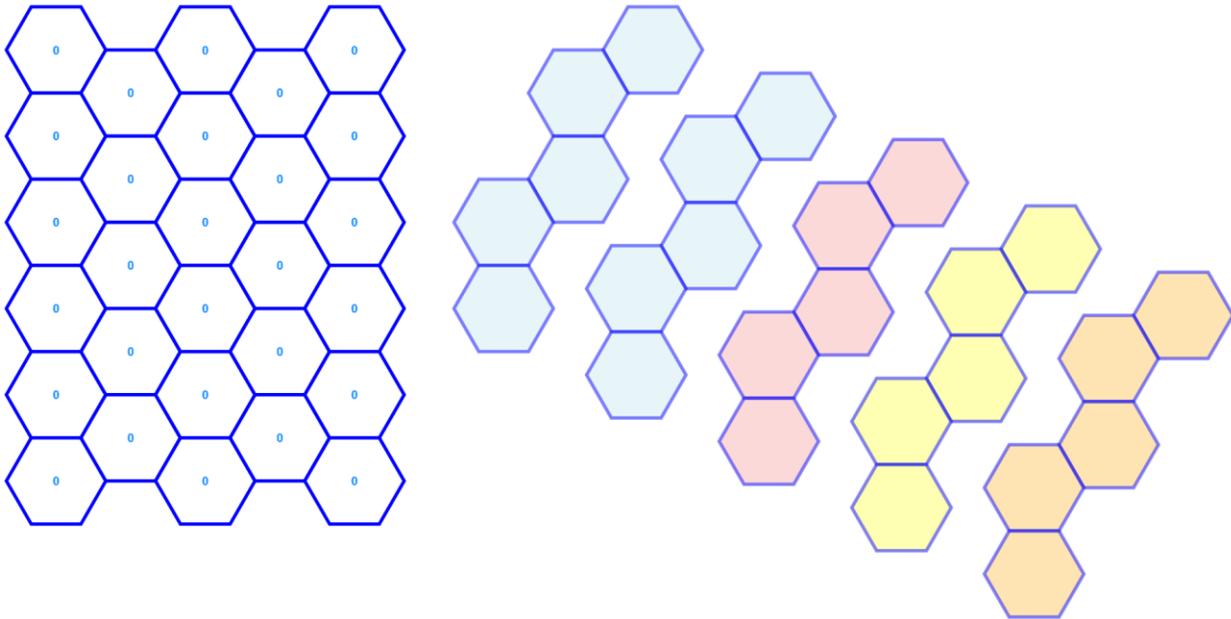
When you reach the optimal configuration, the following message will popup.



You can check that for this puzzle, the maximal score is 25.

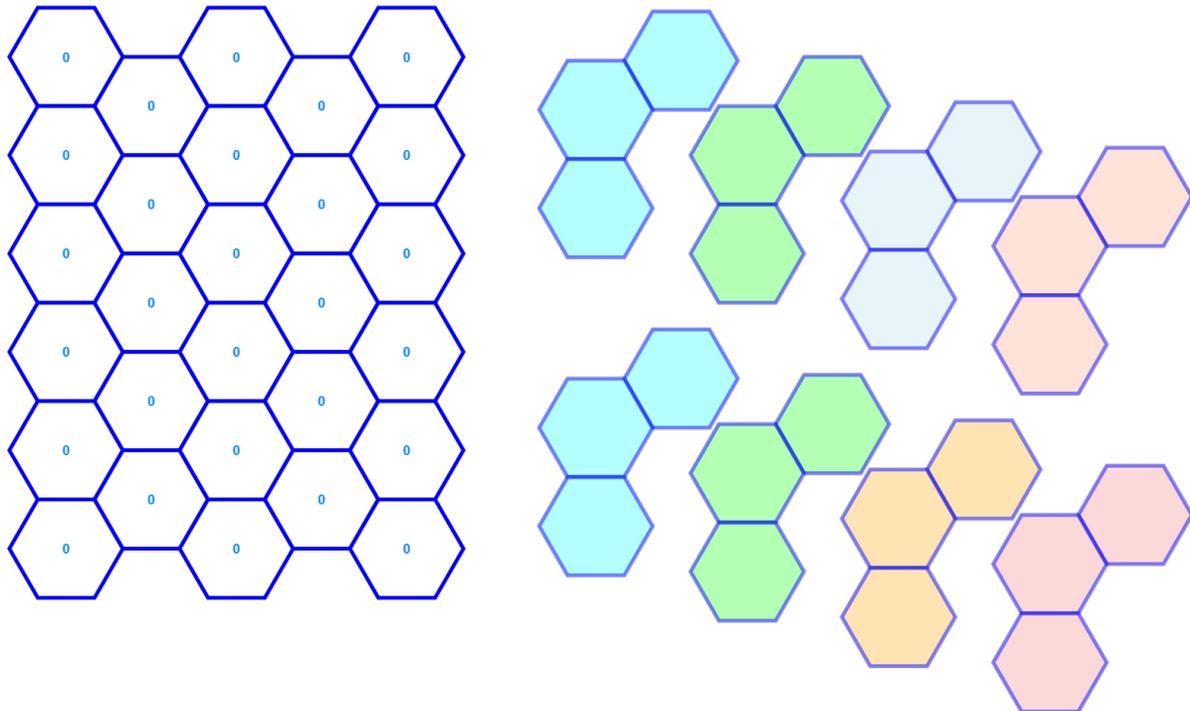
5 S5 Puzzle

Generate a packing with 5 S5 elements.



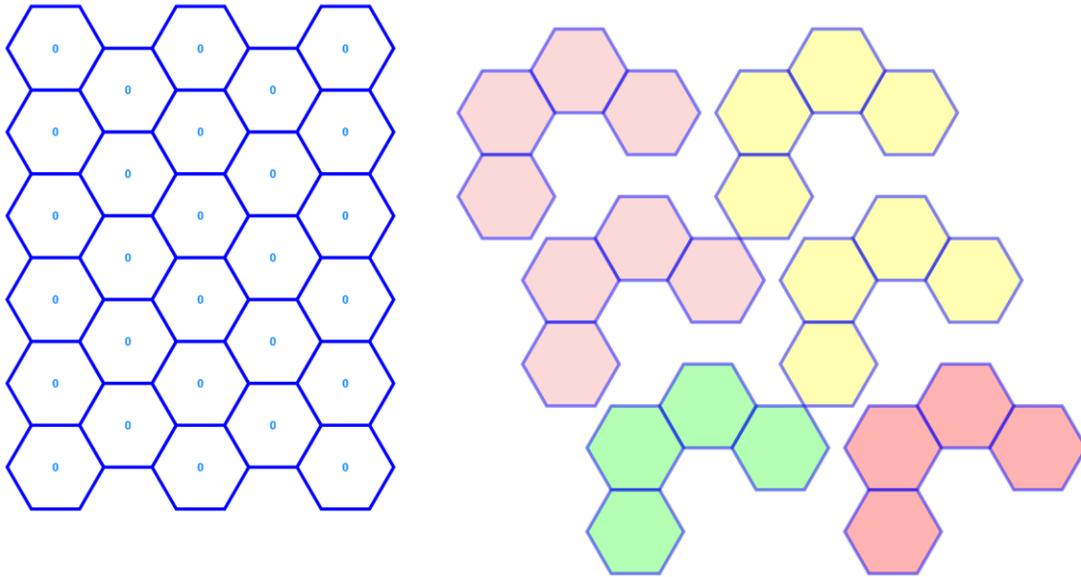
8 C3 Puzzle

Generate a packing with 8 C3 elements.



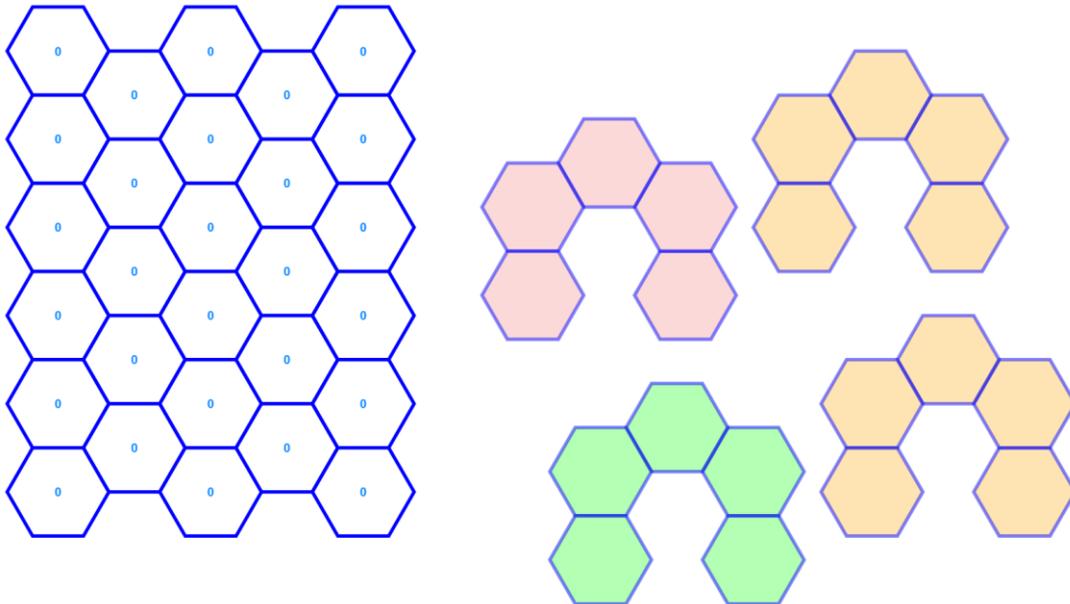
6 C4 Puzzle

Generate a packing with 6 C4 elements.



4 C5 Puzzle

Generate a packing with 4 C5 elements.



Free 28 Puzzle.

Generate a packing with any of the elements that are available (you can add elements, by selecting their name in the drop list and pressing the Element button). You solve this puzzle when the score equals 28. This packing is also a cover of the board (all cells are occupied).