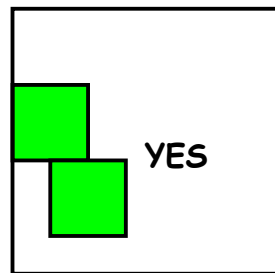
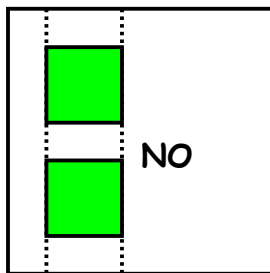


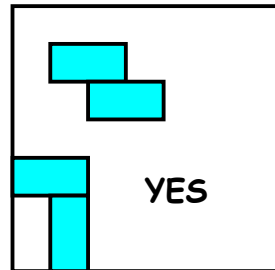
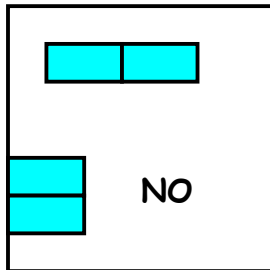
## 4 - THE COMBIS

Once upon a time, in Poitiers, France, a teacher who was a member of the APMEP (Association of the mathematics teachers teaching in the French state education system) wanted to tile his bathroom.

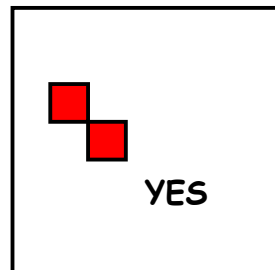
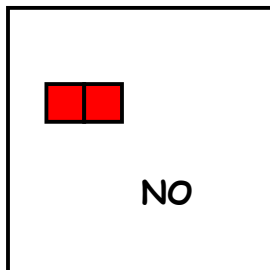
He had his bathroom filled with a strange tiling whose pattern allowed to cover a square with seven unit long sides. In order to have it look nice, he chose to observe the following rules:



1 - Two big squares can't be in the same row, neither horizontally nor vertically.



2 - Two rectangles can't be adjacent on the whole length of two same sides.



3 - Two small squares can't be adjacent.

4 - All the pieces have to be put.

Cover the square of the board respecting the four conditions indicated above.