

Polyomino tilings of square with side  $n$  such that all polyominoes are distinct : 1,2,44,10066

The sequence gives the number of distinct tilings by polyominoes of a square with side  $n$ , considering tilings that are formed of distinct polyominoes. As for “free” polyominoes, tilings that are reflections or rotations of each other are not considered distinct.

See also:

A268416 : Number of aligned free polyominoes that will fit in a square of size  $n * n$

Just 1 distinct tiling of the  $1*1$  square:



2 distinct tilings of the  $2*2$  square:



On the following page, the 44 distinct tilings of the  $3*3$  square.

