

PROBLEM # 657

Posted on: 18 Sep

Due on: 25 Sep

It is not possible to partition a square into two, three, or five smaller squares (without overlap). On the other hand, it is very easy to partition a square into four smaller squares.

- a) Show how a square can be partitioned into six smaller squares.
- b) Show that it is always possible to partition a square into N smaller squares, if N is a positive integer greater than five.

The problem of the week can also be found online here:

