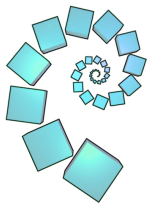


Sticky Numbers



Look at the following row of numbers:

10 15 21 4 5

They are arranged so that each pair of adjacent numbers adds up to a square number:

$$10+15=25$$

$$15+21=36$$

$$21+4=25$$

$$4+5=9$$

TASK

Try to arrange the numbers 1 to 17 in a row in the same way, so that each adjacent pair adds up to a square number.

Can you arrange them in more than one way?
If not, can you justify that your solution is unique?

1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	