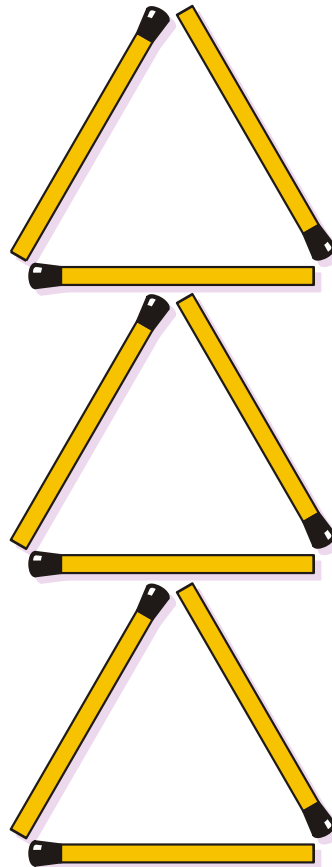


Treasure of Classic  
and Modern Puzzles

## Matchstick Puzzles



### Christmas Tree

by Serhiy Grabarchuk, Jr.

The Christmas Tree shown in the illustration contains exactly three equilateral triangles.

The object is to move three matches so that to get four equilateral triangles.

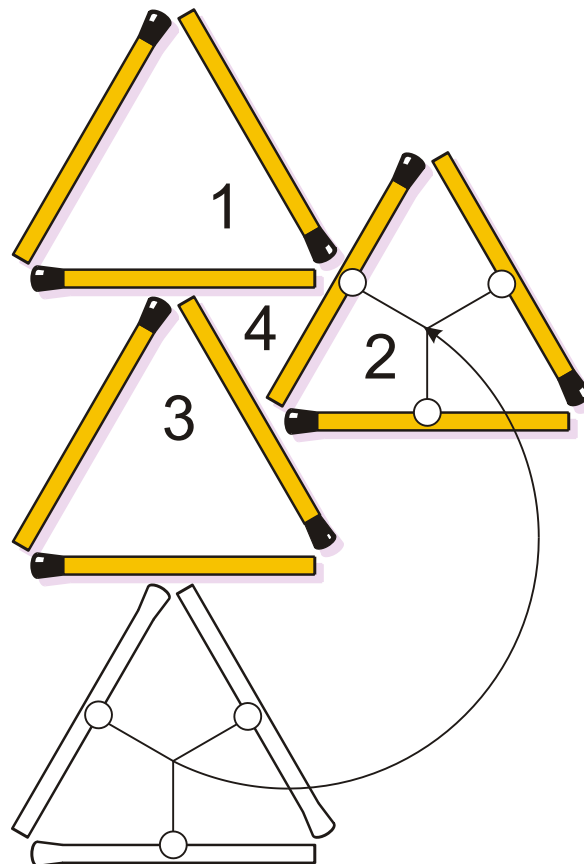
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## Matchstick Puzzles



### Christmas Tree (solution)

One of the basic solutions is given in the illustration. When you move the entire bottom triangle of three matches to the new position as shown, the three initial triangles remain plus one additional, smaller, equilateral triangle appears.