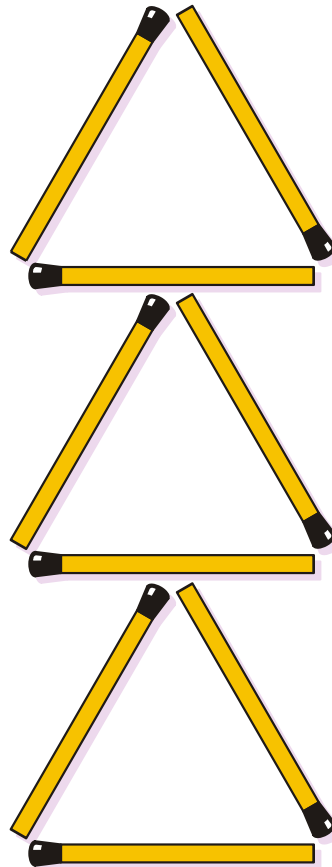


Treasure of Classic
and Modern Puzzles

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.

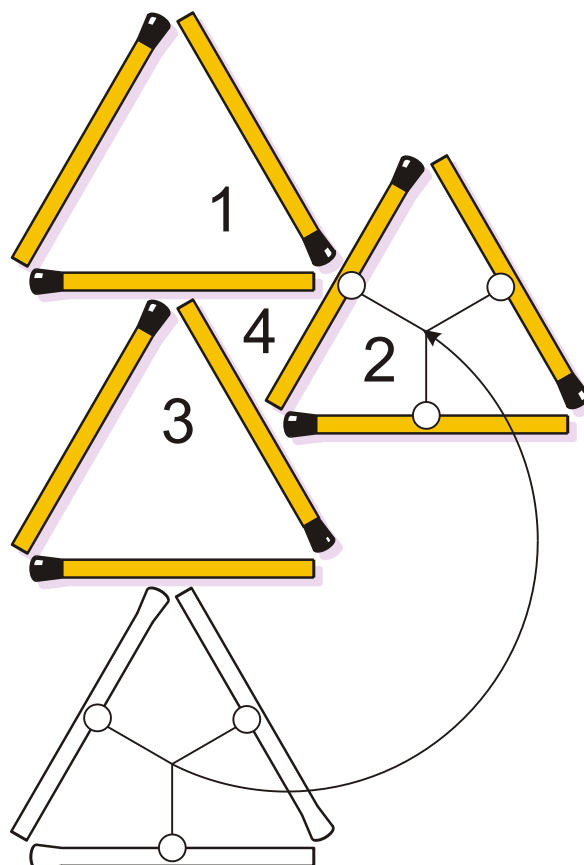
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Matchstick Puzzles



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.