

Arrange seven matches into the equation shown in the illustration. It can be seen the equation itself is not correct.

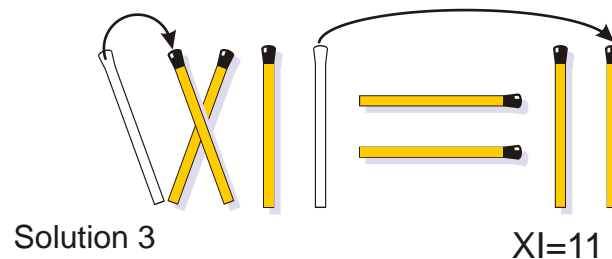
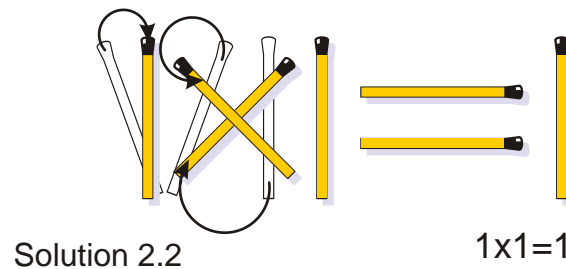
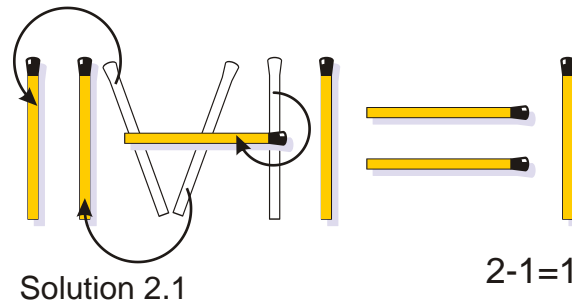
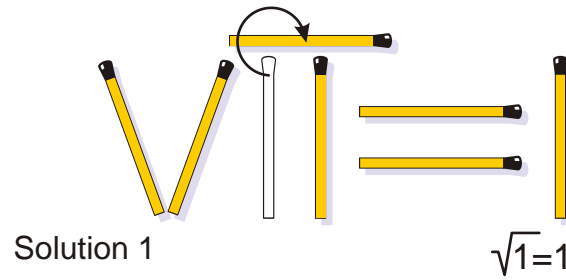
Puzzle 1. Move one match to a new position in order to make this equation correct.

Puzzle 2. Move three matches to new positions to get a correct equation. This puzzle can be solved in two different ways.

Puzzle 3*. Move two matches to new positions to get a correct equation.

In all three puzzles it is not allowed to break the matches and an equation sign has to remain in the final expression.

*The puzzle with a complete solution has been sent to us by Roger Kirkman. Many thanks!



The solution to the first puzzle is shown in the upper illustration.

Two different solutions to the second puzzle are shown in the two middle illustrations.

The solution to the third puzzle is shown in the bottom illustration. This solution as well as the puzzle itself was contributed by Roger Kirkman.