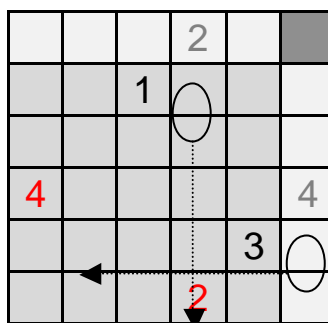


MAGIC SQUARES-3

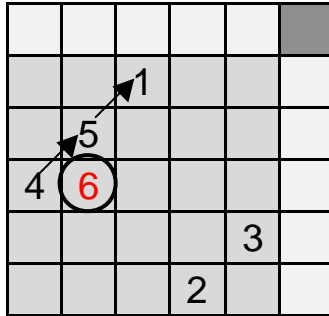
Magic squares of uneven order - 2

Next, it is described another procedure to build any magic square of uneven side:

1. Add more cells bordering the upper right sides, shading the added cell in the upper right vertex. Place the 1 in the central cell of the upper row of the original square.
2. As a general rule, place the following number in the adjoining cell that is above and to its right (in the diagonal), except when:
 - a) This supposes to write the following number outside the original square. In this case, come back to the original square, crossing it from the upper part to the lower or from the right part to the left.



- b) You reach a square that is already occupied by a number. In this case, the new number is placed right under the last one written.



- c) The shaded square must be considered as already occupied.

This method was well-known in Siam and was introduced in Europe by the French ambassador of Luis XIV.

Build, applying this method, a magic square of order 3 and another one of order 7.

YOU WILL NEED:

A board of game 3x3 and another one 7x7, and the respective counters of numbers.