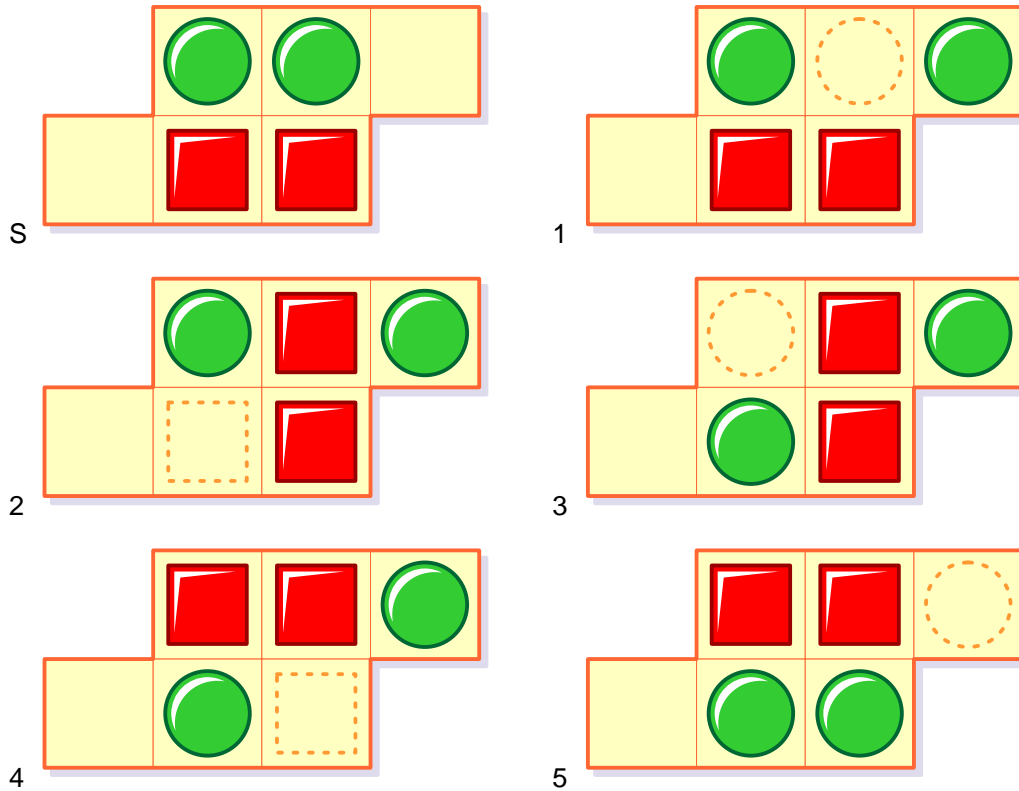
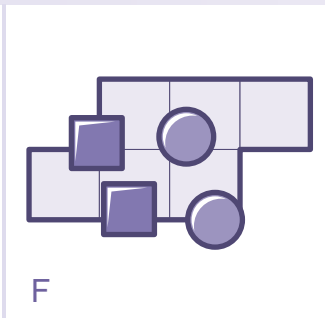
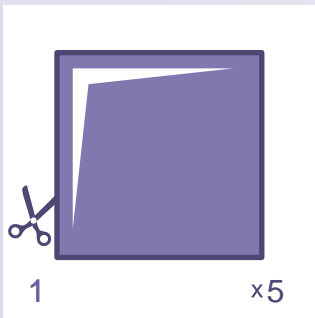
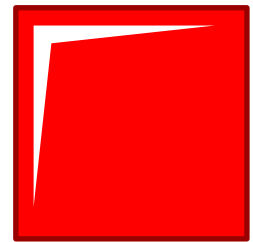
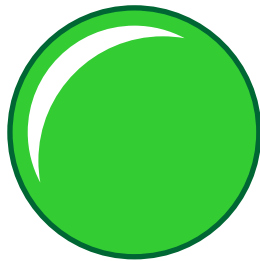
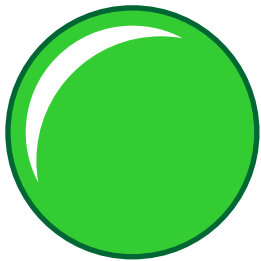
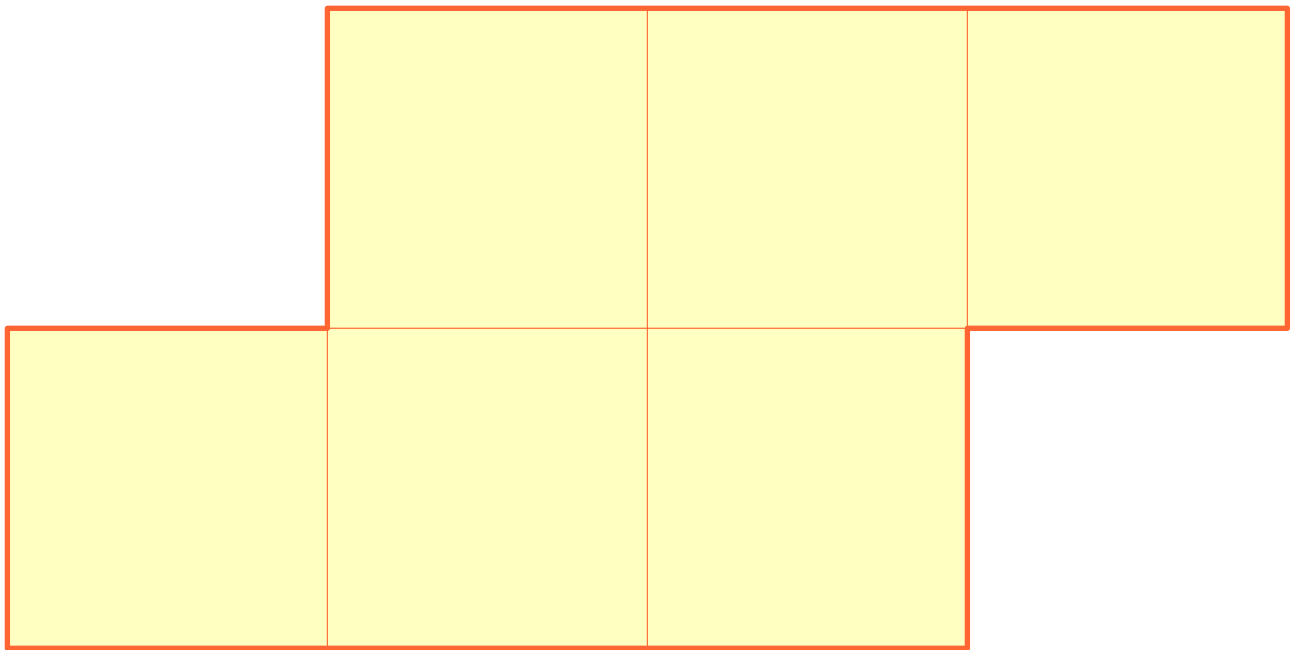


What is the minimum number of moves needed to interchange circles with squares? A piece - either a circle or a square at a time - can be moved on a vacant adjacent cell to the right, left, up, down or diagonally.



The solution consists of five steps which are shown in the diagram above.



To produce the pieces first print them out. Then follow the diagram shown above - from step 1 to step F (finish).