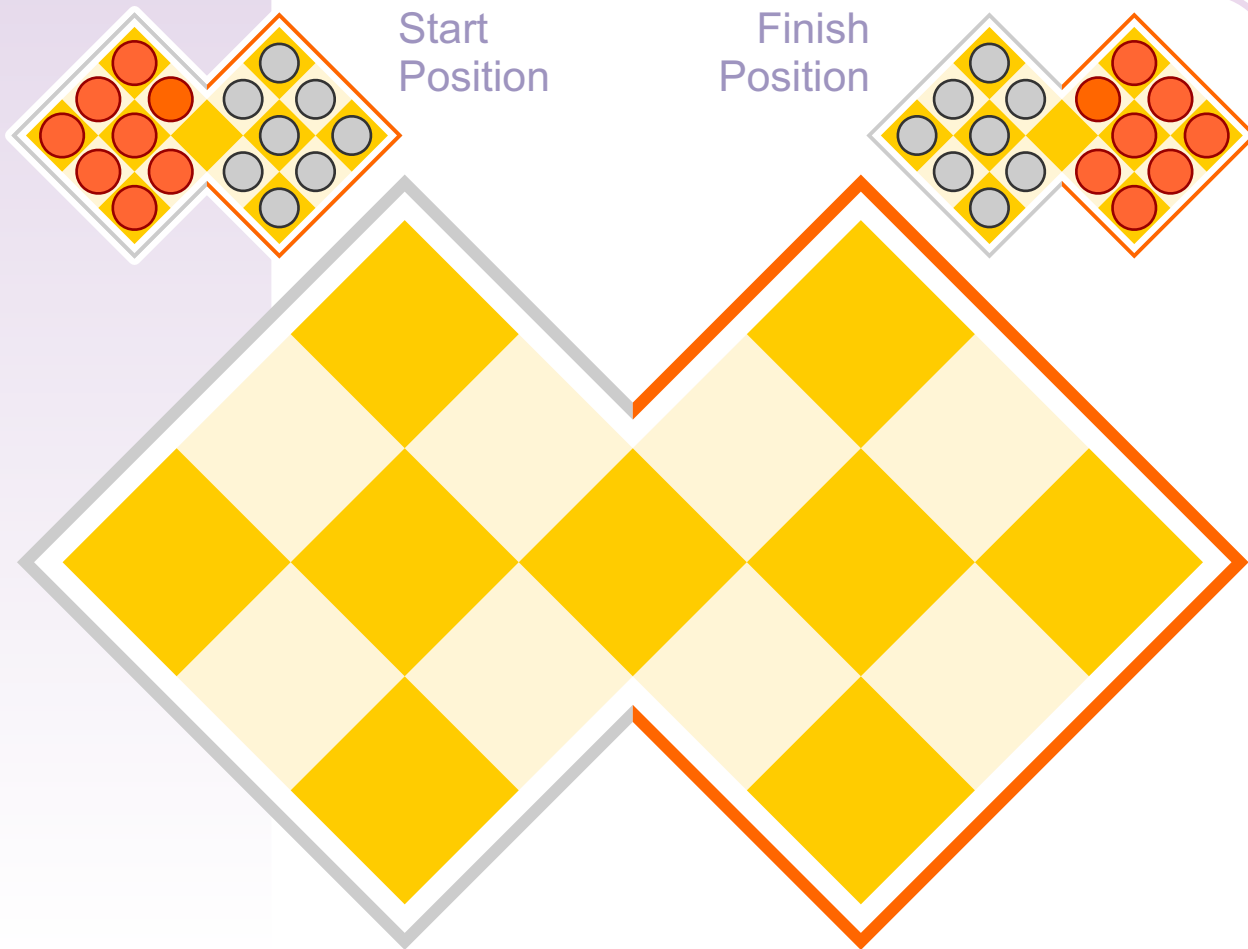


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## Our Collection



## English 16\*

Grab 16 coins - 8 of one type and 8 of another. Say, it could be nickels and dimes. Then place them on the big board in the illustration as shown in the Start Position above: 8 coins of one type on the left half of the board, 8 of another type - on the right.

The object of the puzzle is to transpose the positions of the coins as shown in the Finish Position in the fewest number of moves. The best solution consists of 46 moves. Can you find it?

A coin may either be moved to an adjacent vacant square, or jumped over an adjacent coin (of either type) to a vacant square. No diagonal moves or jumps are permitted.

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\*The English 16 puzzle was very popular in Victorian England and Europe.

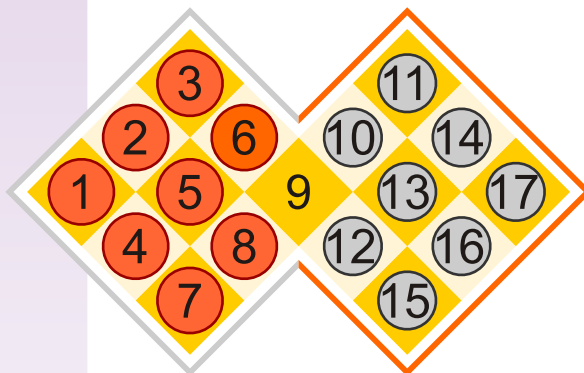
August 28, 2003

[www.puzzles.com](http://www.puzzles.com)

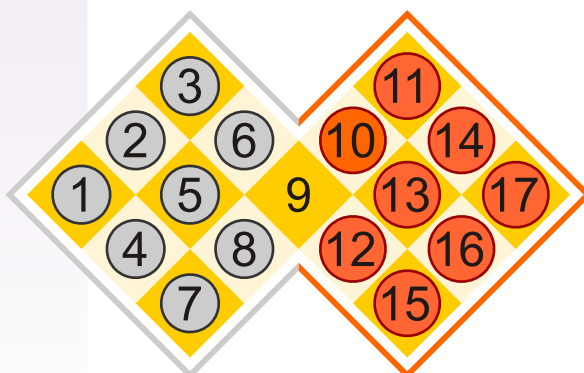
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## Our Collection



Start Position



Finish Position

10, 8, 7, 9,  
12, 6, 3, 9,  
15, 16, 10,  
8, 9, 11,  
14, 12, 6,  
5, 8, 2, 1,  
7, 9, 11,  
17, 16, 10,  
13, 12, 6,  
4, 7, 9, 10,  
8, 2, 3, 9,  
15, 12, 6,  
9, 11, 10,  
8, 9.

*46 moves*

## English 16 (solution)

The solution in 46 moves is shown above. After 23 moves the coins form the symmetrical pattern on the board. After that the second half of the solution is just the "mirror reflection" of its first half.