

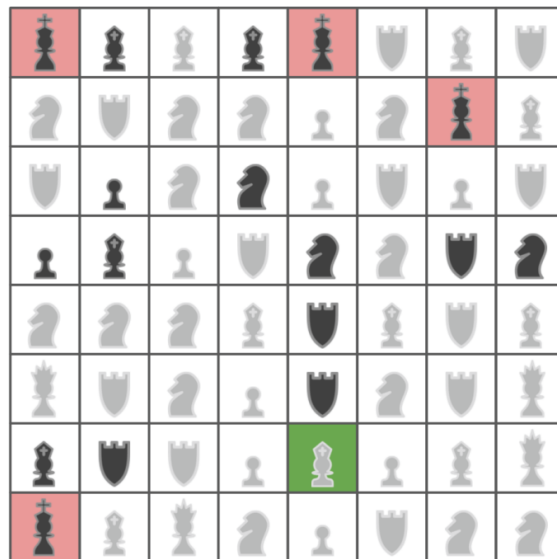
# Express Riddler

23 July 2021

## Riddle:

The following 8-by-8 grid is covered with a total of 64 chess pieces, with one piece on each square. You should begin this puzzle at the white bishop on the green square. You can then move from white piece to white piece via the following rules:

- If you are on a pawn, move up one space diagonally (left or right).
- If you are on a knight, move in an “L” shape—two spaces up, down, left or right, and then one space in a perpendicular direction.
- If you are on a bishop, move one space in any diagonal direction.
- If you are on a rook, move one space up, down, left or right.
- If you are on a queen, move one space in any direction (horizontal, vertical or diagonal).



For example, suppose your first move from the bishop is diagonally down and to the right. Now you’re at a white rook, so your possible moves are left or up to a pawn or right to a knight.

Your objective is to reach one of the four black kings on the grid. However, at no point can you land on any of the other black pieces. (Knights are allowed to hop over the black pieces.)

What sequence of moves will allow you to reach a king?

## Solution:

Here is my solution. I’m sure it’s not the only solution, and I have no idea if it’s the shortest solution.

