

Corner-to-Corner

Task

Start with a tic-tac-toe grid (3x3) with every square occupied by a person except for one of the corners. If the rules are that a person can only move into an adjacent empty square (no diagonal moves), then what is the minimum number of moves it will take to get person X into the empty corner?

Clarifying points :

Not everyone has to move.

Every move counts.

Possible extension:

Prove it!

What about 4x4? 5x5? etc.

X	O	O
O	O	O
O	O	