



Pegs numbered 1 to 50 are placed in order in a line, with number 1 on the left. They are then knocked over, one at a time, following these two rules: Starting with the first standing peg on the left, alternate pegs are knocked down, until the end of the row is reached. Each time the end of the row is reached, repeat the previous rule. What is the number of the last peg to be knocked down?

VMC

7C



