

# TOWER OF HANOI

## Instructions

The game consists of threading discs on another peg and moving only one disk at a time obeying the following rules:

- Begin by having all disks on one peg in descending size from bottom to top.
- One disk at a time may be moved to another peg.
- The top disk may be lifted from one of the three stacks and placed on a peg that is empty or placed on top of another stack, provided that the top disk on that stack is larger.
- A larger disk cannot go on a smaller disc.
- Keep track of number of moves.
- The fastest solution is  $2^n - 1$  where  $n$  is number of discs.

