





www.youtube.com/user/aabecker5

Tower of Hanoi

A B C

Goal: move all disks from leftmost peg to rightmost peg

Rules: Move only one disk at a time

No disk may be placed on top of a smaller disk

Recursive Solution:

label pegs A, B, C

number discs from 1 (smallest) to n (largest)

To move n discs from peg A to peg C:

- move $n-1$ discs from A to B.
This leaves disc n alone on peg A
- move disc n from A to C
- move $n-1$ discs from B to C so they sit on disc n



