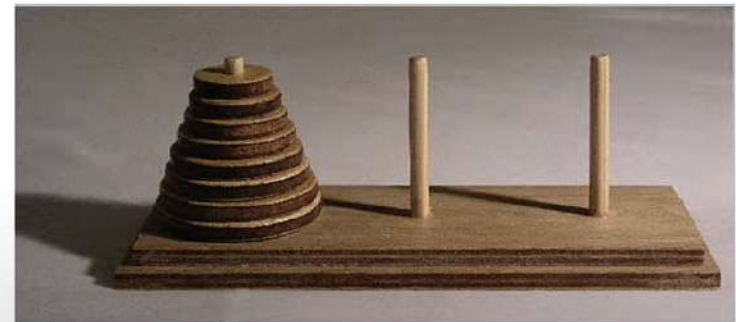


# Tower of Hanoi

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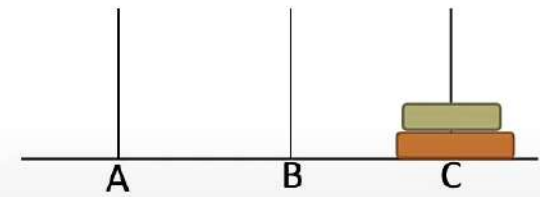
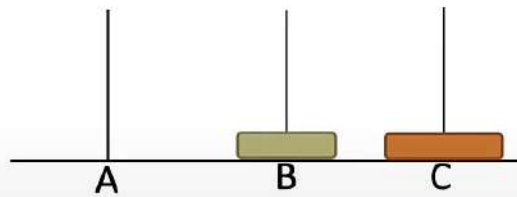
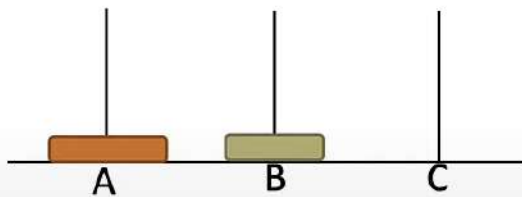
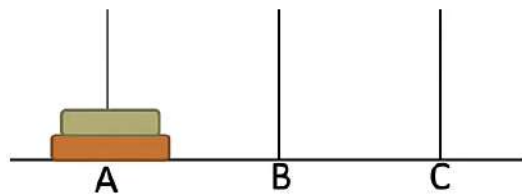
The objective of the puzzle is to move the entire stack to the last rod, obeying the following rules:

- Only one disk may be moved at a time.
- Each move consists of taking the upper disk from one of the stacks and placing it on top of another stack or on an empty rod. And lastly,
- No disk may be placed on top of a disk that is smaller.



# Tower of Hanoi example

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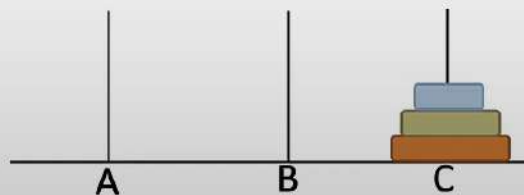
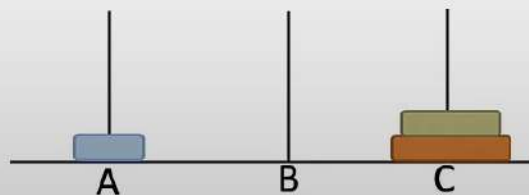
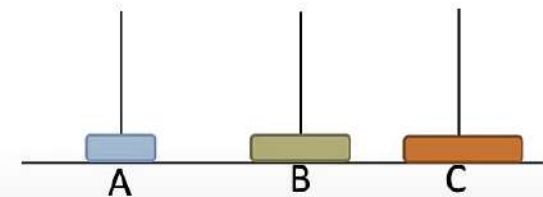
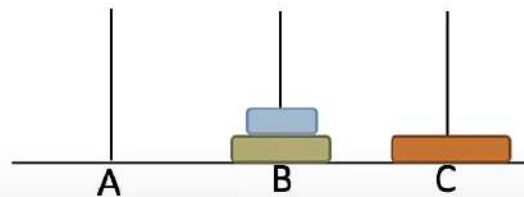
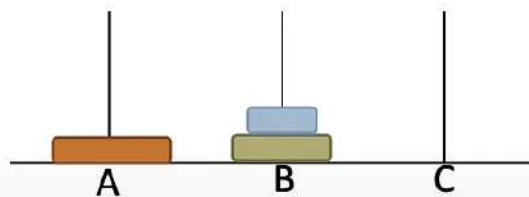
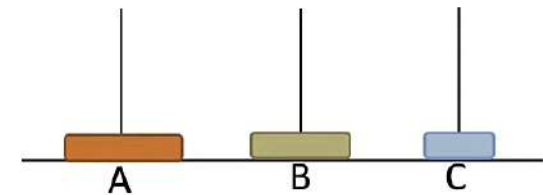
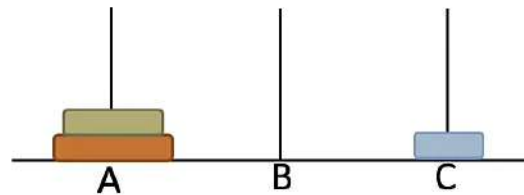
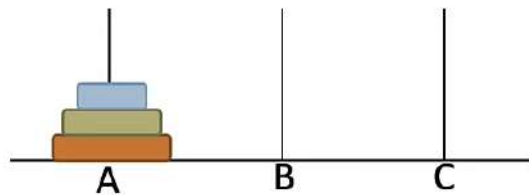


Shift ' $n-1$ ' disks from 'A' to 'B', using 'C' (when required)

Shift last disk from 'A' to 'C'

Shift ' $n-1$ ' disks from 'B' to 'C', using 'A' (when required)

# Tower of Hanoi example



Shift 'n-1' disks from 'A' to 'B', using 'C' (when required)

Shift last disk from 'A' to 'C'

Shift 'n-1' disks from 'B' to 'C', using 'A' (when required)