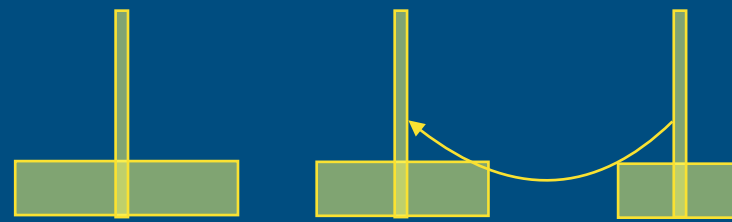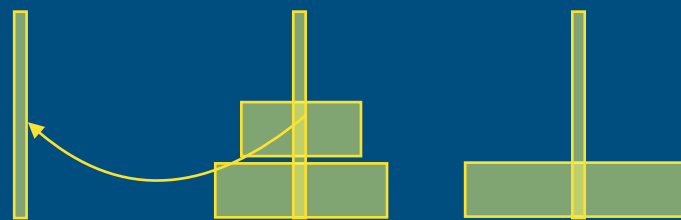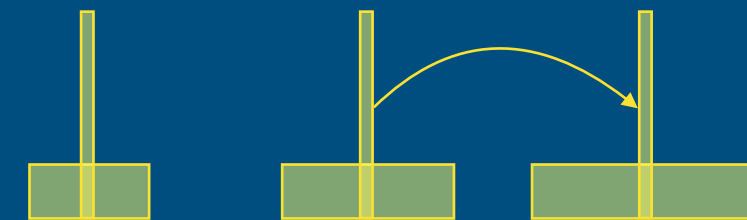A   B   C

(1) move_disk(1, A, C, B)

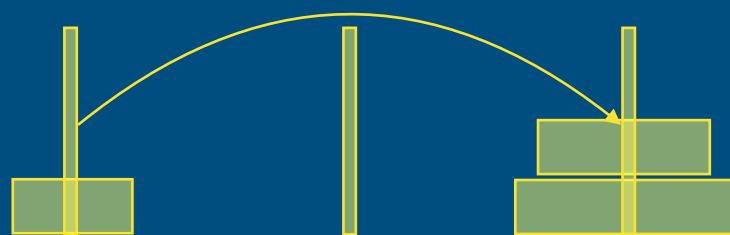(2) move_disk(2, A, B, C)

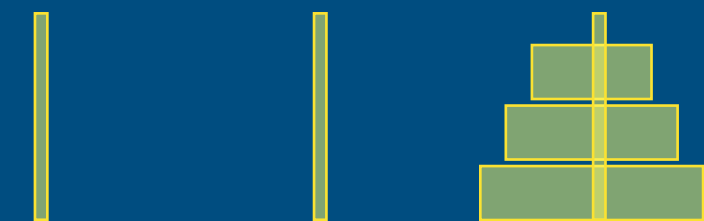(3) move_disk(3, C, B, A)

(4) move_disk(4, A, C, B)

(5) move_disk(5, B, A, C)

(6) move_disk(6, B, C, A)

(7) move_disk(7, A, C, B)

With 3 disks (n = 3) We have to move 7 times