[1.1.1.1.1.3]
[1.3.1.1.1.1.]
[1.1.1.1.3.1]
[1.1.1.1.3.1]
[1.1.1.1.3.1]
[1.1.1.1.1.3.1]
[1.1.1.1.1.3.1]
[1.1.1.1.1.3.1]
[1.1.1.1.3.1]

when nums(mid) = = = nums(right) or hums(mid) = = = nums(left).

We don't know the order within range.

we only know numstright] or nums[left]

is not the target.

so we can move left or right by 1.