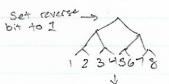
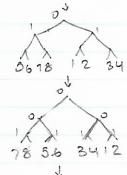
(6) In order to say that we will have this tree represented in reverse order, we put a 1 bit onto the root level. This is simply one operation, making the complexity O(1). The reverse bits in a node would then be pushed down to each of its children and then swapping the children. Then, by clearing the parent, you could consider finding the 1th value the same way as in 25.

For example, given a tree representing leaves with values 1-8



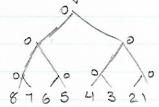
Assuming K=5 Lathis is finding the 14th number in the reversed tree

Zero bit and Push down to children and swap



574 > Search path for k is to the right counter = 5-4 -1

1<2 - Poth is to the left



Path of k is to the left again Making the element at k = 4 of the reverse

algorithm statue 8765 4521 the reverse Because the path to kis preserved we can derive split and concat in the same runtime