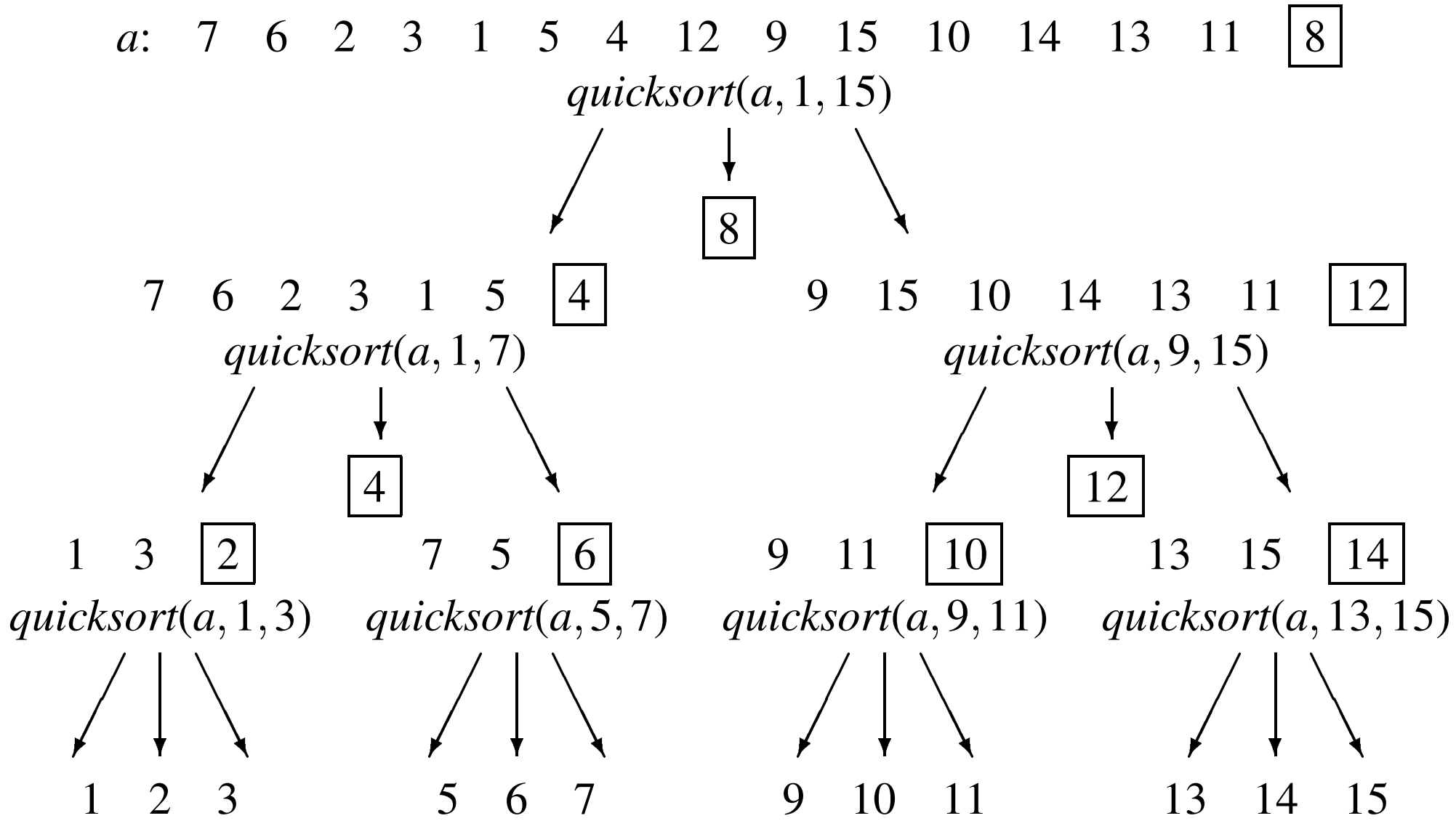
a: 7 6 2 3 1 5 4 12 9 15 10 14 13 11 8
quicksort(a, 1, 15)
8
7 6 2 3 1 5 4
9 15 10 14 13 11 12
quicksort(a, 1, 7)
quicksort(a, 9, 15)
4
12
1 3 2
7 5 6
9 11 10
13 15 14
quicksort(a, 1, 3)
quicksort(a, 5, 7)
quicksort(a, 9, 11)
quicksort(a, 13, 15)
1 2 3
5 6 7
9 10 11
13 14 15