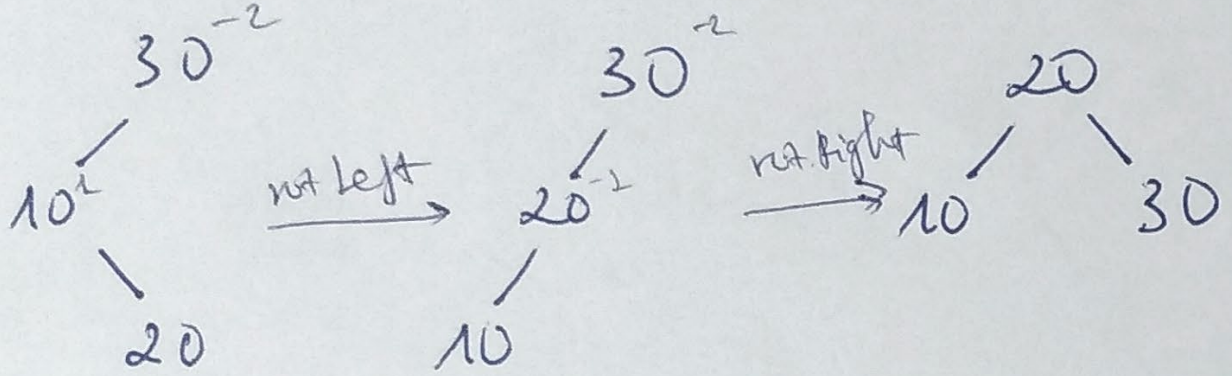
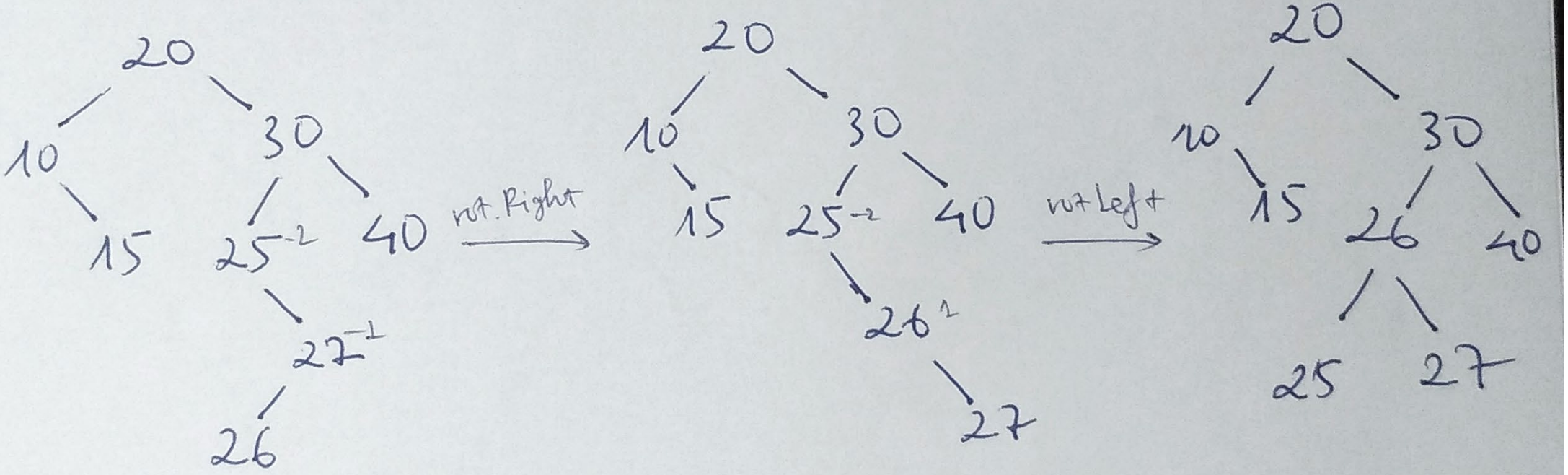
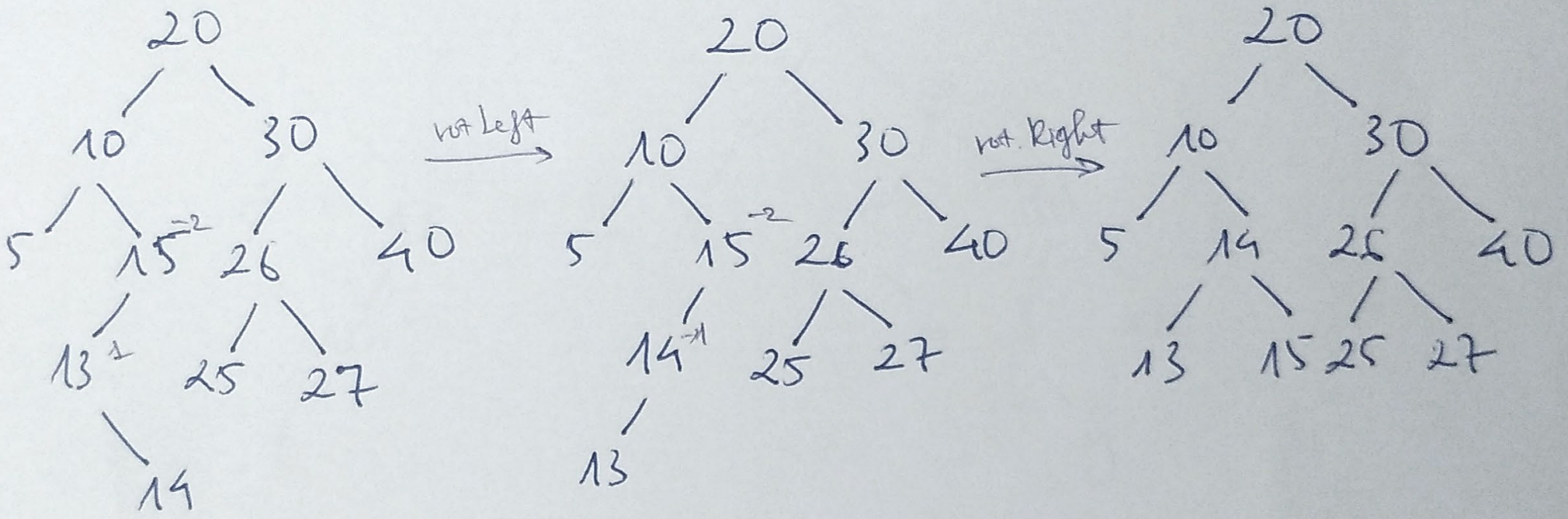
a)

30, 10, 20, 15, 40, 25, 27, 26, 5, 13, 14

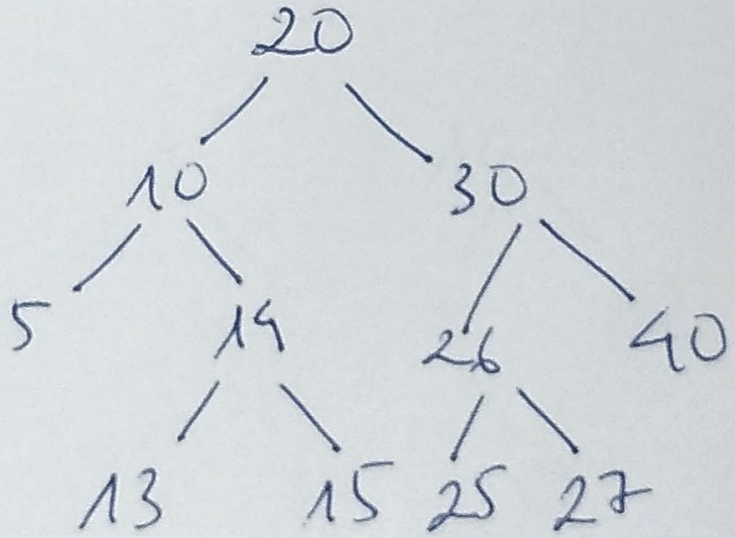




a)

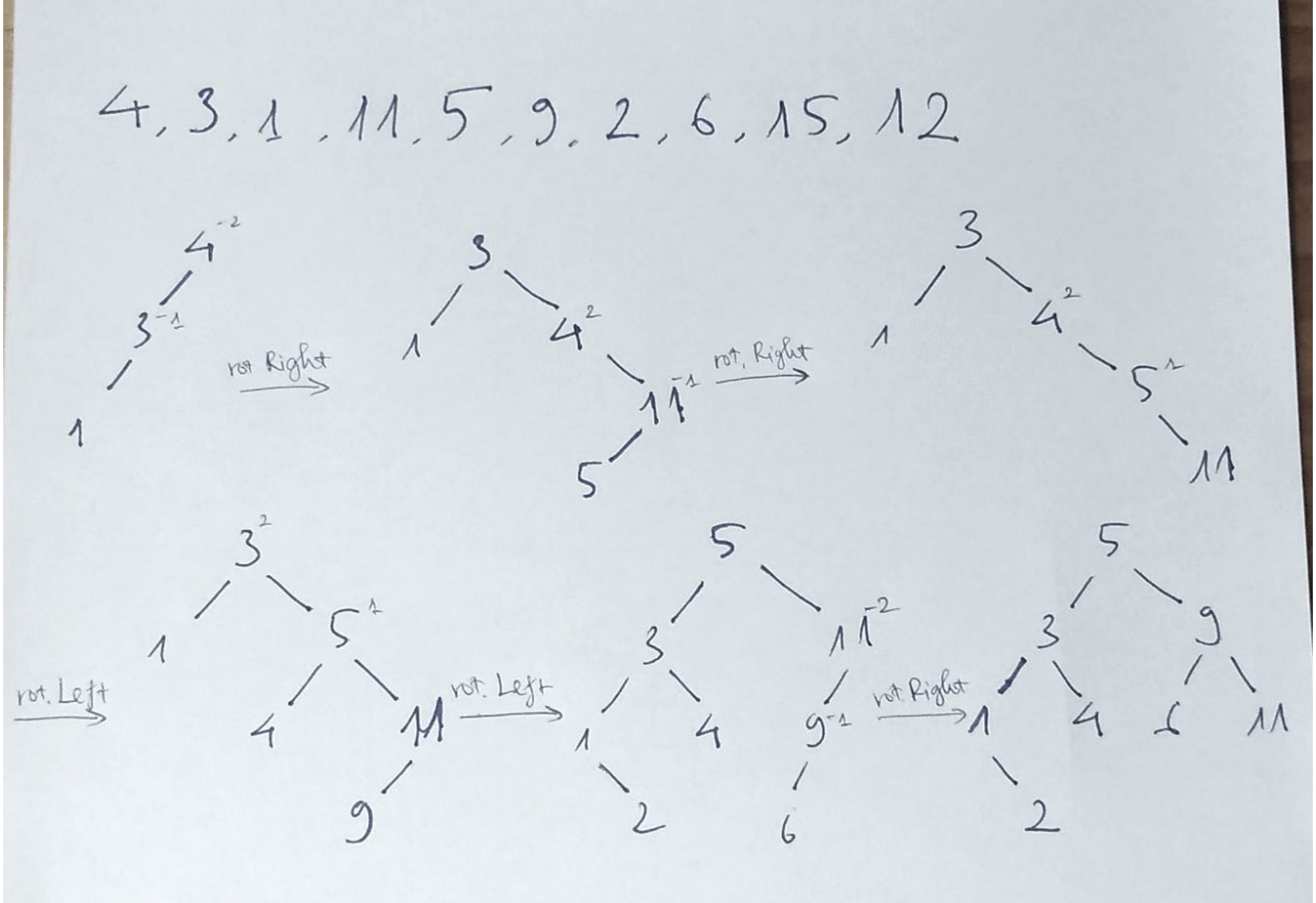

20
10
30
5
15
-2
26
40
13
1
25
27
14
rot Left
20
10
30
5
15
-2
26
40
14
-1
25
27
13
rot. Right
20
10
30
5
14
25
40
13
15
25
27

Final tree:

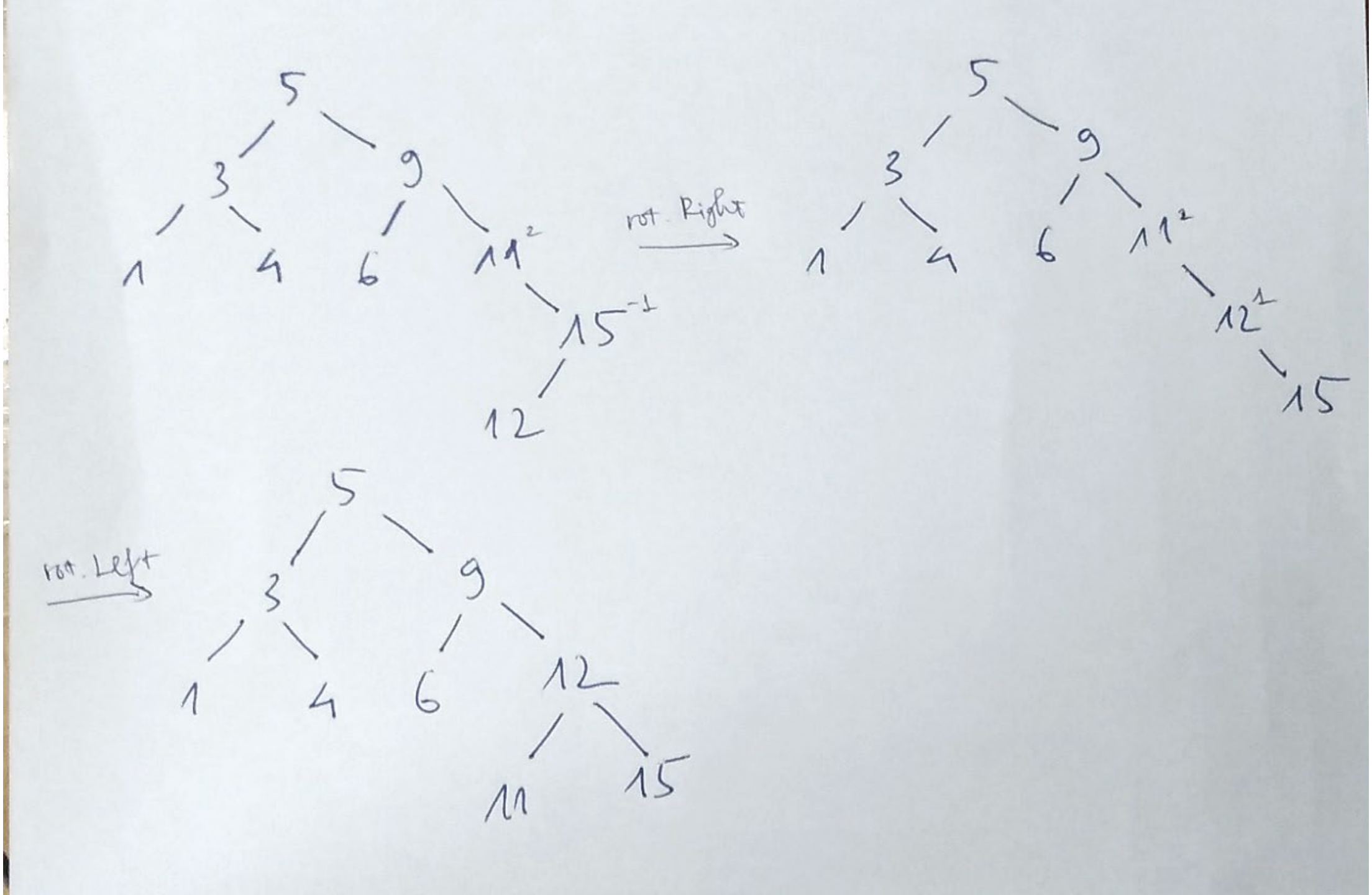

20
10
30
5
14
26
40
13
15
25
27

b)

4, 3, 1, 11, 5, 9, 2, 6, 15, 12

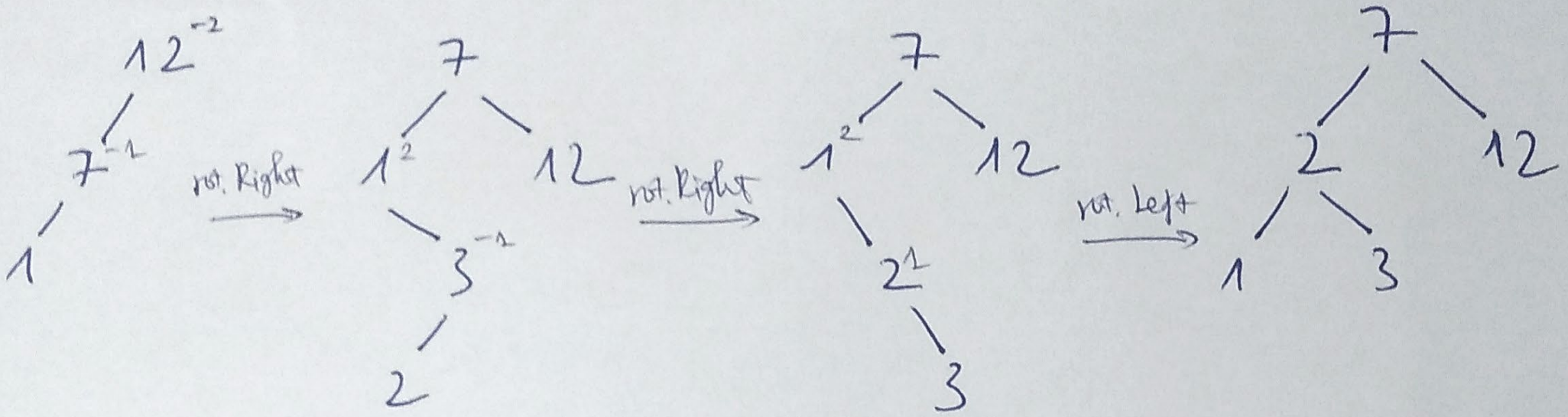


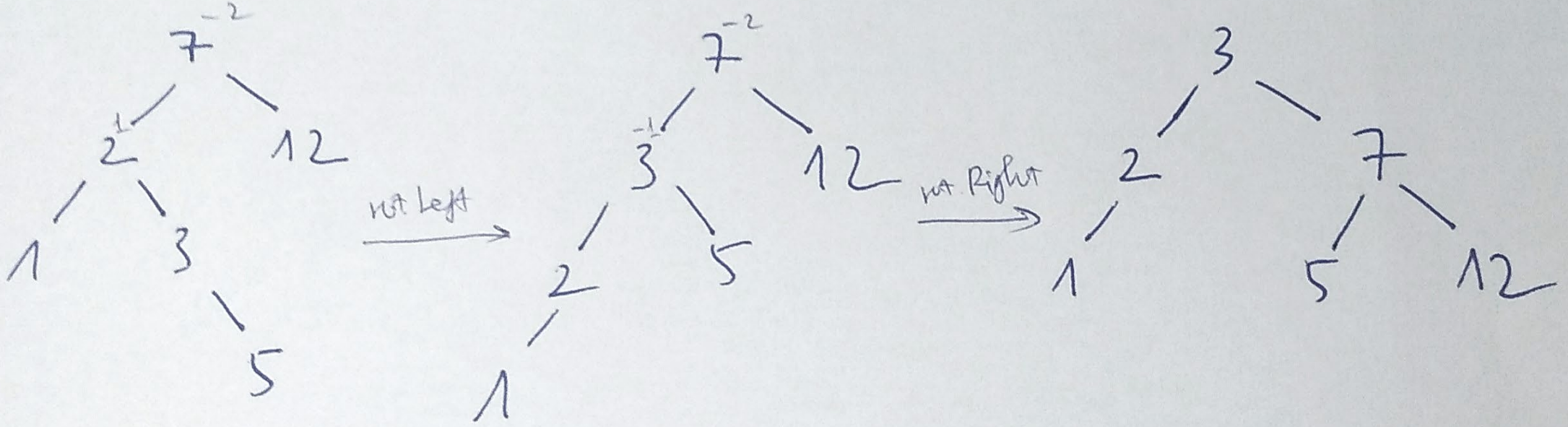
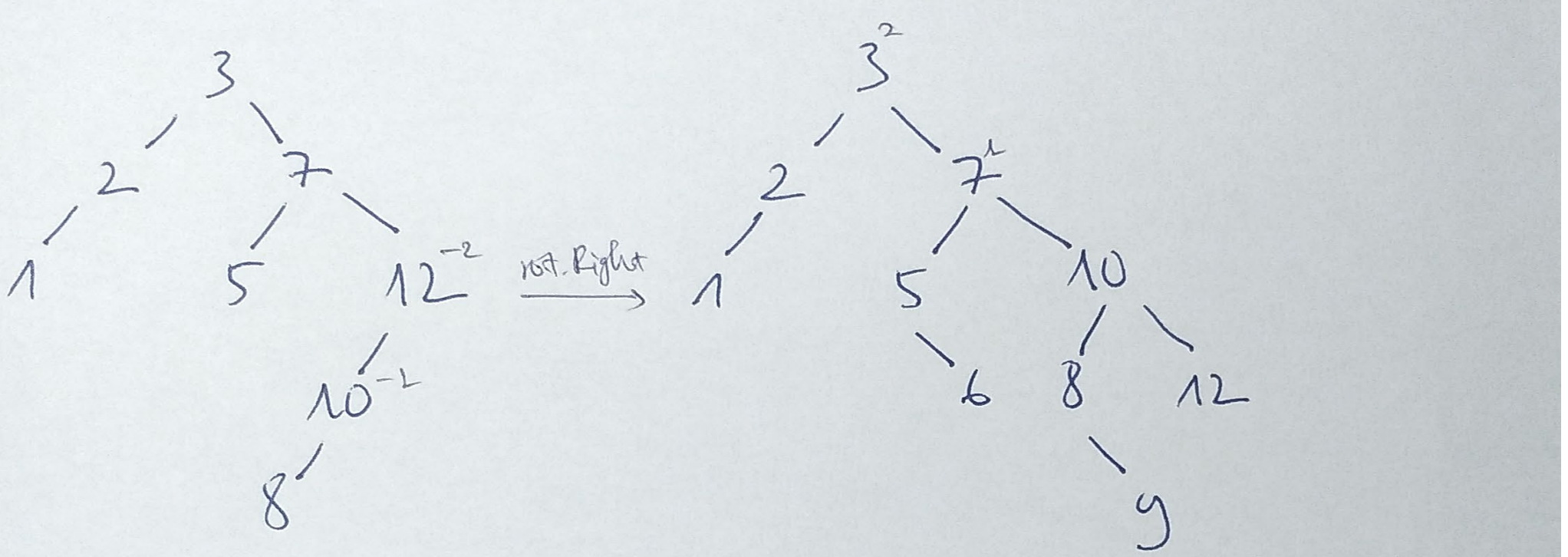
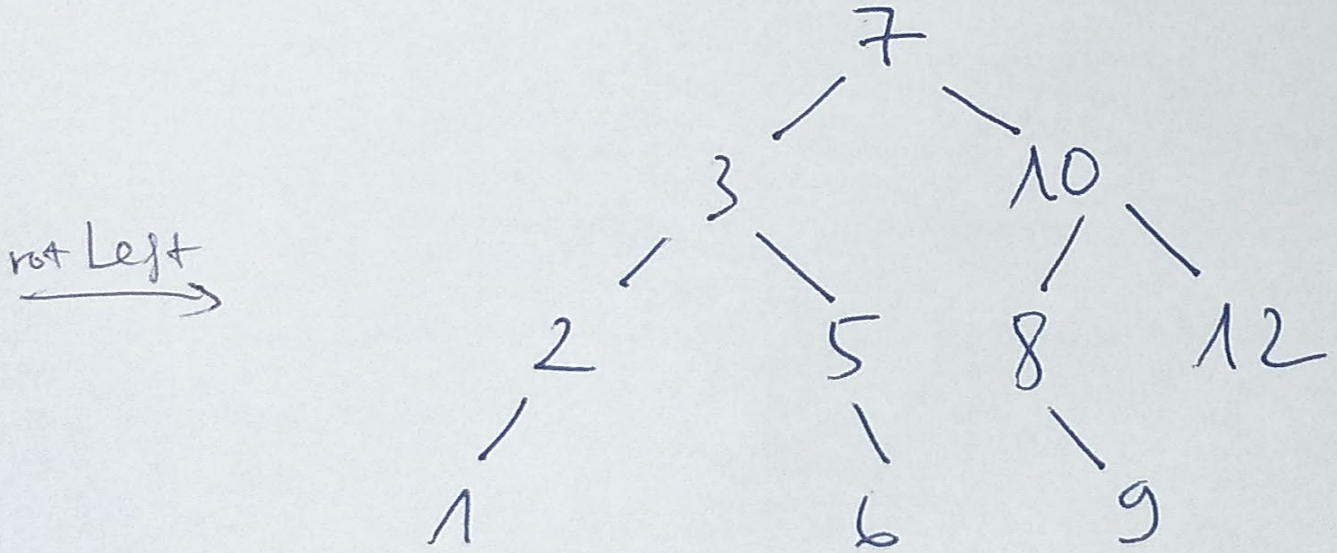
b)


5
3
9
1
4
6
11 2
15 -1
12
rot. Right
5
3
9
1
4
6
11 2
12 1
15
rot. Left
5
3
9
1
4
6
12
11
15

c)

12, 7, 1, 3, 2, 5, 10, 8, 6, 9





c)