

a) List 1: 1, 2, 3, 4, List 2: 5, 6.

m1 m2

1 5  
5 2  
2 6  
6 3  
3 null

llrec(5, 2) return 1  
llrec(2, 6) return 5  
llrec(6, 3) return 2  
llrec(3, null) return 6  
return 3

6 → 3  
2 → 6  
5 → 2  
1 → 5, and 3 → 4 unchanged.

b) List 1: null, List 2: 2

The list containing one element of 2 is returned.