Merging two sorted arrays

20	12	20	12	20	12	20	12	20	12	20	12
13	11	13	11	13	11	13	11	13	11	13	
7	9	7	9	7	9		9				
2	1	2									

1   2   7   9   11   12
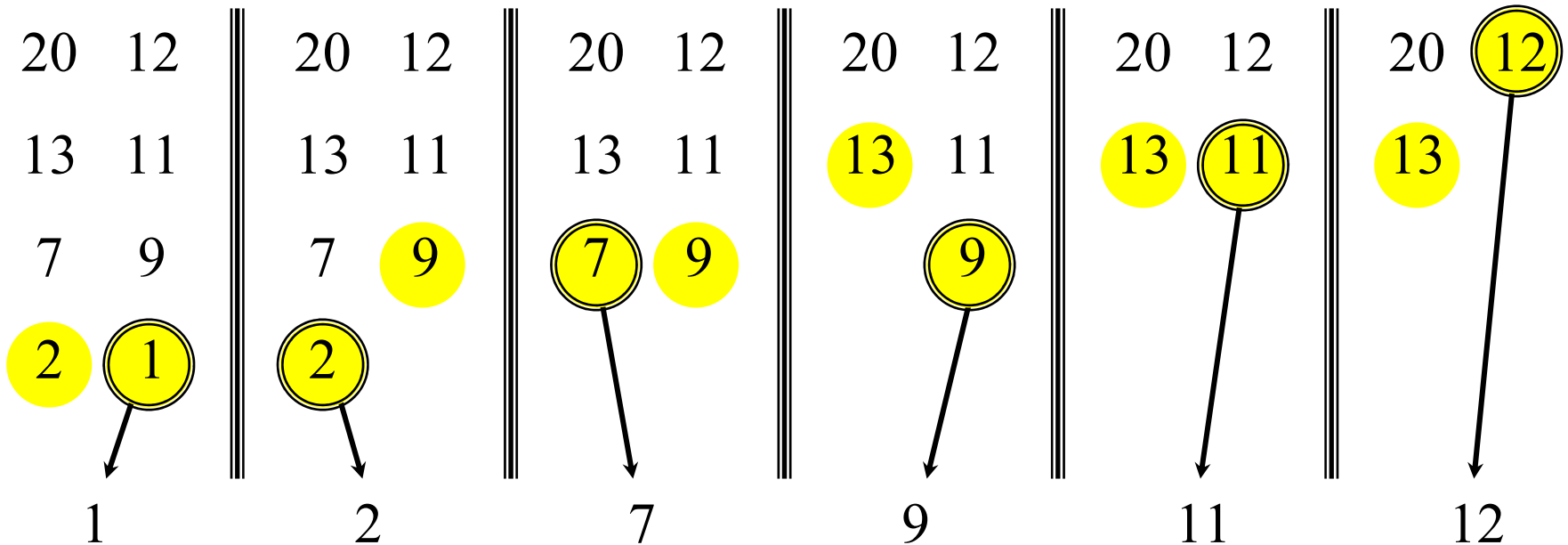
Time $= \Theta(n)$ to merge a total
of n elements (linear time).