

Array vs Linked List

Linear - $O(n)$
Binary - $O(\log n)$

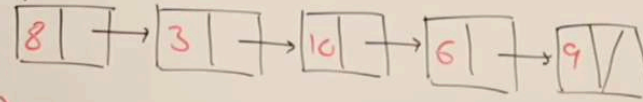
8	3	10	6	9	2				
0	1	2	3	4	5	6	7	8	9

$O(n)/O(n)$

$O(1)$
 $O(1)$

first

$O(1)$



Linear - $O(n)$
Binary - $O(n \log n)$

Sort
Insertion Sort
Merge Sort

$O(n)$