

	Insert Front	Insert at Index	Insert End	Delete Front	Delete at Index	Delete End	Search
Unsorted Array	$O(1)$ using swap if array still has space, $O(n)$ if need resize	$O(1)$ if array still has space, $O(n)$ if need resize	$O(1)$ if array still has space, $O(n)$ if need resize	$O(1)$ Using swap	$O(1)$	$O(1)$	$O(n)$
Sorted Array	$O(n)$	$O(n)$	$O(1)$, $O(n)$ if need resize	$O(n)$	$O(n)$	$O(1)$	$O(\log n)$ with binary search
Singly LL (Unsorted/Sorted)	$O(1)$	$O(n)$ if index is not the front or end	$O(1)$ with the tail	$O(1)$	$O(n)$	$O(n)$	$O(n)$
Doubly LL (Unsorted/Sorted)	$O(1)$	$O(n)$	$O(1)$	$O(1)$	$O(n)$	$O(1)$	$O(n)$
Singly LL (without a tail)	$O(1)$	$O(n)$	$O(n)$	$O(1)$	$O(n)$	$O(n)$	$O(n)$

Stack, Queue?

	Add an element	Remove an element
Stack	$O(1)$	$O(1)$
Queue	$O(1)$	$O(1)$