

	ResizableArraySet			LinkedSet		
	add( <b>new Entry</b> )	remove()	remove( <b>anEntry</b> )	add( <b>new Entry</b> )	remove()	remove( <b>anEntry</b> )
Best Case Time Complexity	O(1): Creating a new set and inserting a <b>newEntry</b> into it	O(1): Removing the last entry from a ResizableArraySet is always O(1) since the index of the last element can always be computed using the number of entries.	O(1): <b>anEntry</b> happens to be the first element inserted into a ResizableArraySet, so no traversal is required other than the first iteration of the search loop.	O(1): <b>anEntry</b> happens to be the first element in a LinkedSet, and therefore there is no traversal necessary.	O(1): the LinkedSet happens to be only one element long, meaning no traversal is necessary.	O(1): <b>anEntry</b> happens to be the first element in a LinkedSet, so no traversal is necessary
Worst Case Time Complexity	O(n): in order to add <b>newEntry</b> to a ResizableArraySet, we must traverse the Set to ensure it doesn't already exist, which takes O(n) time where n is the number of items within a set before <b>newEntry</b> is added.		O(n): the index of <b>anEntry</b> must be found iteratively, and if it is at the end of an array, it would take n iterations over the set to find <b>anEntry</b> , where n is the number of items in a ResizableArraySet.	O(n): LinkedSet must add items to the end of the list, meaning it will take n traversals to insert <b>anEntry</b> , where n is the number of items in the LinkedSet before <b>anEntry</b> is inserted.	O(n): in order to find and remove the last element from a set, we must traverse it to reach the end (assuming we are not actively keeping track of the tail).	O(n): <b>anEntry</b> happens to be the last element in a LinkedSet, meaning it will take n traversals to reach the end of a LinkedSet, where n is the number of entries in a LinkedSet before <b>anEntry</b> is removed