

	ResizableArrayBag			LinkedBag		
	union	intersection	difference	union	intersection	difference
Time Complexity in the Best Case	$O(n)$	$O(n^2)$	$O(n^2)$	$O(n)$	$O(n^2)$	$O(n^2)$
Time Complexity in the Worst Case	$O(n)$	$O(n^2)$	$O(n^2)$	$O(n)$	$O(n^2)$	$O(n^2)$

The efficiency of the union method in both cases are $O(n)$, because it needs to traverse the total number of entries of two bags to add to a new array. Other methods have identical time complexity since they are used for searching in the array, so it may need to traverse twice in two arrays to form the result.