Table 1. The time complexities of the three methods, where n and m are the respective total number of elements in each bag.

	ResizeableArrayBag			LinkedBag		
	union	**intersection**	**difference**	**union**	**intersection**	**difference**
Time Complexity in the Best Case	O(n + m)	O(n * m)	O(n * m)	O(n + m)	O(n * m)	O(n * m)
Time Complexity in the Worst Case	O(n + m)	O(n * m)	O(n * m)	O(n + m)	O(n * m)	O(n * m)