

Operation	Resizable Array (PileOfBooks.java)	Linked Nodes (PileOfBooksNodes.java)
getCurrentSize(), isEmpty()	$O(1)$	$O(1)$
add(newEntry)	$O(1)$	$O(1)$
remove()	$O(1)$	$O(1)$
clear()	$O(n)$	$O(n)$
peek()	$O(1)$	$O(1)$

Most of the operations are $O(1)$. This is because for the resizable array and linked node implementations of the bag, `getCurrentSize()`, `add(newEntry)`, `remove()`, and `peek()` these operations involve the most recently added book to the pile. The `isEmpty()` operation checks to see whether or not the pile has books in it, which would be done in constant time as well. The `clear()` operation is what would run in constant time, as the efficiency of this depends on how many books there are in the pile. It has to go through every book in order to clear the pile.