- 1. A. The worst complexity here would be O(lnx) this would be because it would have to traverse an entire branch of the heap in order to get to its place.
 - b. Delete min would have the same complexity as concatenate. Concatenate traverses along the branch of a tree in order to get to the proper position so again O(lnx).
 - c. Merge would be the same O(lnx)
- 2, The average case Complexity is about the same as the worst case. Since the swap function has to implement anyway.