Name :	Date:	
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A+ Big O Worksheet 1

The	sort has a best case run time of O(N).
Theworst case run time	sort has a best case run time of $O(N*Log_2N)$ and a of $O(N^2)$.
	is the Big O for adding to the front of an array.
	is the Big O for adding to the front of a linked list.
	is the Big O for adding an item to a TreeSet.
	is the Big O for adding an item to a HashSet.
The Bubble Sort ha	as a best case run time of
The Quick Sort has	a best case run time of
The Merge Sort has	s a best case run time of
The Quick Sort has	a worst case run time of
The Merge Sort has	s a worst case run time of
The Insertion Sort	nas a best case run time of
The Insertion Sort	nas a worst case run time of
	is the Big O for adding to the middle of an array.
	is the Big O for adding to a binary search tree.
	is the Big O for adding to the end of an ArrayList.
	is the Big O for deleting an item from an ArrayList.
	is the Big O for traversing a binary search tree.
	is the Big O for searching a binary search tree.
location of the item to	is the Big O for deleting an item from a linked list assuming that you kno