

_____ is an algorithm for matrix multiplication
Strassen's

The base of the _____ sort doesn't depend upon the number of elements.
radix

_____ is important to preserve order over multiple sorts on the same data set.
Stability

Which of the following terms is Not a term referring to binary search in computer science?
conquer algorithm

_____ Sort becomes slow when the element size is large but the radix is small.
Radix

The steps in the Divide-and-Conquer process that takes a recursive approach is said to be?
stopping condition

_____ is fragile, i.e. a simple mistake in the implementation can go unnoticed and cause it to perform badly
quicksort

Why is stable sorting algorithm useful?
it maintains the relative order of the items with equal sort keys.

_____ algorithm breaks the list down in half on every iteration, rather than sequentially combing through the list
binary search

_____ is a sorting algorithm that sorts an array by making comparisons.
merge sort