





Complexity	Notation	Performance	Example Algorithm
Logarithmic	$O(\log n)$	 Very Efficient	Binary Search
Linear	$O(n)$	 Moderate	Linear Search
Linearithmic	$O(n \log n)$	 Good	Merge Sort, QuickSort
Quadratic	$O(n^2)$	 Slow	Bubble Sort, Insertion Sort