When time complexity involved is of multiple types, take the most significant type.

Linear search algo – O(n), linear complexity, time taken is independent of the amount of data

Stack – O(1), constant complexity

Bubble sort – O(n^2), quadratic complexity

Binary search – O(log(n)), Logarithmic time, log(base 2, len(arr))

Merge sort – O(nlog(n)), Linearithmic complexity

Polynomial – O(n^k)

Exponential – O(k^n)