|  |  |  |  |
| --- | --- | --- | --- |
| **Sort** | **Worst case** | **Expected case** | **Best** |
| **Quick sort** | n^2 | nlogn | nlogn //n |
| **Bubble sort** | n^2 | n^2 | n |
| **Merge sort** | nlogn | nlogn | nlogn |
| **Insertion sort** | n^2 | n^2 | n |
| **Selection sort** | n^2 | n^2 | n^2 |
| **Heap sort** | nlogn | nlogn | Nlogn |

|  |  |  |
| --- | --- | --- |
| **Sort** | **adding** | **removeMin.** |
| **Insertion sort** | O(n) | O(1) |
| **Selection sort** | O(1) | O(n) |
| **Heap sort** | O(logn) | O(logn) |