

Assessment 7 Notations-

tinyArray	smallArray	mediumArray	largeArray	extraLargeArray
insert 88.6 μ s	insert 30.5 μ s	insert 297.1 μ s	insert 30.5714 ms	insert 2.5279697 s
append 207.7 μ s	append 40.4 μ s	append 105.3 μ s	append 1.0104 ms	append 10.221 ms

Extra Credit: The slower functions take longer because they have to iterate through a larger array, with more possibilities and comparisons than the other. The time taken is exponential because more characters means more possibilities. The larger you make your array, the more ridiculous the run times will become.