

| Array           | Insert        | Append        |
|-----------------|---------------|---------------|
| tinyArray       | 47.1 $\mu$ s  | 96 $\mu$ s    |
| smallArray      | 38 $\mu$ s    | 98.1 $\mu$ s  |
| mediumArray     | 131.8 $\mu$ s | 117.8 $\mu$ s |
| largeArray      | 6.2984 ms     | 493.6 $\mu$ s |
| extraLargeArray | 667.3506 ms   | 2.8024 ms     |

From these results I can tell that the append function would scale better because although the time it took for the tiny and small arrays was shorter in the insert function, it quickly increased the time as the arrays got bigger. Whereas the Append function times were a bit slower for the tiny and small arrays, it did not compound as the arrays got bigger. When looking at the medium through extraLargeArray times, I can see that the append function can handle increasingly larger arrays quicker and therefore more efficiently.