	TinyArr (10)	SmallArr (100)	mediumArr (1000)	LargeArr (10000)	ExtraLargeArr (100000)
Insert	102.4 µs	35.7 µs	105.4 µs	4.9163 ms	508.3535 ms
Append	135.4 µs	72.8 µs	95.2 µs	347.5 µs	3.969 ms

As insert scales, it increases at an increasingly faster rate than append. The unshift method has a time complexity of $O(n+x)$, which is linear in nature, where n is the number of items placed within the array and x is the number of elements within the array. The push method has a time complexity of $O(1)$ or constant. The unshift method has a linear time complexity due to shifting every individual item within the array to the right to insert the new item. The push method doesn't affect any other element and appends the new item to the end of the array thus being constant. So, the function recommended to use is the append function due to its scalability.