Array Used	doublerAppend(nums) [.push]	doublerInsert(nums)[.unshift]
tinyArray	102.743 μs	81.443 µs
smallArray	129.855 µs	85.884 µs
mediumArray	174.793 µs	247.301 µs
largeArray	750.362 µs	7.912166 ms
extraLargeArray	115.578014 ms	972.608452 ms

The doublerAppend function has a time complexity of O(n). .push() has a time complexity of O(1) meaning it has constant time complexity. This means that the runtime depends on which array it's looping over.

The doublerInsert function has a time complexity of O(n^2) due to the unshift() method. This is because the unshift method will move the array after each loop. The runtime will be worse than the append function because unshift will need to iterate through the array for each loop.