Name: _____

Username: _____

Running Times reported in seconds			
	Approach 1	Approach 2	Approach 3
N	`ArrayStack(N)`	`VectorStack(2500)`	`VectorStack(2500,2500)`
20000			
20000			
40000			
40000			
80000			
80000			
160000			
160000			
320000			
320000			

- Of the three methods, is there a clear winner? Explain.

- When you ran two trials of each experiment for fixed parameters, how likely was it that they produced the same running time? Were there times where the results were *drastically* different?

- For each of the three approaches, make an educated guess about how the running time increases relative to the value of N. For example, when N is doubled, does the running time go up by less than a factor of 2? more than a factor of 2? reasonably close to exactly a factor of 2?