

Name:

Lists Practice #2 – List Concepts Review

Answer these questions in your own words – do not Google the answers or look for formal definitions. What do these programming concepts mean to you?

What are some examples of lists in your everyday life?	
What is a variable?	
What is a limitation of a variable?	
What is a list?	
What is an index?	
What is an element?	
What is a list's length?	
How do you find a list's length?	

Lists Practice #2 – Check for Understanding

What is always the first index of a list?	
What is always the last index of a list?	
Given this list, indicate the value for each element.	my_numbers = [32, 64, 33, 0, 15, 26, 31]
myNumbers[0]	
myNumbers[1]	
myNumbers[3]	
myNumbers[6]	
myNumbers[7]	
Use this list for the next questions:	<pre> my_list = [15, 33, 25] my_list.append(13) my_list.append(myList[0] + my_list[3]) </pre>

What are the final elements in the list?	
What are the final indexes in the list?	
What is the final length of the list?	

SUCCESS CRITERIA:

- Work in a group to complete example C, D and E(optional)
- Define list, index and element
- Access a single element in a list
- Manipulate values in a list by changing an element, adding elements, and removing elements