Name: _____ List Worksheet

Code	Output
colors ← ["red", "yellow", "green", "blue"] DISPLAY(LENGTH (colors))	
colors ← ["red", "yellow", "green", "blue"] REMOVE (colors, 2) REMOVE (colors, 3) DISPLAY(LENGTH (colors))	
colors ← ["red", "yellow", "green", "blue"] APPEND (colors, "orange") APPEND (colors, "pink") DISPLAY(LENGTH (colors))	
colors ← ["red", "yellow", "green", "blue"] colors [1] ← ["pink"] colors [4] ← ["white"] DISPLAY(LENGTH (colors))	
nums ← [5, 3, 9, 2] DISPLAY(nums [2])	
nums ← [5, 3, 9, 2] Z ← nums [1] + nums [2] DISPLAY(Z)	
nums ← [5, 3, 9, 2] Z ← nums [1] * nums [2] DISPLAY(Z)	
nums ← [5, 3, 9, 2] X ← nums [3] Y ← nums [1] Z ← Y + X DISPLAY(Z)	
nums ← [5, 3, 9, 2] X ← nums [3] Y ← nums [1] Z ← Y MOD X DISPLAY(Z)	

Name: _____ List Worksheet

`colors ← ["red", "yellow", "green", "blue"]`	
What is the index of yellow?	
What is the position of blue?	
What is the index of red?	
What is the index of blue?	

Code	**List after Code Executes**
`animals ← ["cat", "dog", "fish"]` `APPEND ( animals, "bird" )`	*`["cat", "dog", "fish", "bird"]`*

`animals ← ["cat", "dog", "fish"]`
`APPEND ( animals, "bird" )`
`INSERT ( animals, 2, "horse" )`	

`food ← ["candy", "milk", "fish"]`
`APPEND ( food , "bird" )`
`INSERT ( food , 2, "horse" )`
`REMOVE ( food , 4 )`	

`names ← ["joe", "liam", "alex"]` `REMOVE ( names, 2 )`	

`ages ← [1, 3, 5]`
`APPEND ( ages, 7 )`
`APPEND ( ages, 9 )`
`ages[ 1 ] ← 0`	

`nums ← [9, 8, 7]`
`nums [ 1 ] ← 10`
`nums [ 2 ] ← 9`
`nums [ 3 ] ← 8`	

`nums ← [9, 8, 7]`
`temp ← nums [ 1 ]`
`nums [ 1 ] ← nums [ 2 ]`
`nums [ 2 ] ← temp`	