1. What is a nominal factor?	1 / 1 point
A factor with ordering.	
A factor with any type or number of elements.	
A factor that contains numeric data.	
A factor with no implied order.	
Correct A nominal factor is a categorical variable that has no implied order.	
2. Assume that the variable test_result contains the vector c(25, 35, 40, 50, 75). What is the result of the expression mean(test_result)?	1 / 1 point
O 40	
O 50	
45	
O 35	
Correct The mean() function returns the mean, or average, of the items in the vector.	
3. Assume you have variable called employee that contains the expression list(name = "Juan", age = 30). What is the correct command to change the contents of the age item to 35?	e 1/1 point
<pre>employee["age"] == 35</pre>	
employee["age"] <- 35	
<pre>employee[age] = 35</pre>	
<pre>employee[age] <- 35</pre>	
Correct This command correctly assigns the value 35 to the age item in the list.	

4.	What is the main difference between a matrix and an array?	1/1 point
	A matrix must be two dimensional, but an array can be single, two dimensional, or more than two dimensional.	
	A matrix can be arranged by rows or columns, but an array is always arranged by columns.	
	A matrix can contain vectors, but an array can only contain strings, characters, or integers.	
	A matrix can contain multiple types of data, but an array can only contain data of the same type.	
	 Correct A matrix is like an array but must be two-dimensional and can be arranged by columns or rows. 	
5.	Assume that you have a data frame called employee that contains three variables: name , age , and title . If you want to return all the values in the title variable, what command should you use?	1 / 1 point
	employee\$title	
	O employee[3]	
	O employee.title	
	<pre>employee[title]</pre>	
	 Correct Use the dollar sign symbol to access the title variable of the employee data frame. 	