Post-Lab Questions				
1.	Suggest several ways that the procedure might be changed to increase the amount of DNA extracted from the onion cells.			
2.	Suppose a student added ethyl alcohol directly to the onion cell filtrate without first centrifuging the sample. What do you think the student would observe? Would the student be successful in extracting the DNA? Explain.			
3.	Would you expect similar results if you were to use other cells, such as beef liver or yeast as sources of DNA? Explain your reasoning.			
4.	Consider a single-celled organism, such as a bacterium, whose DNA is not enclosed within a membrane bound nucleus. a) Would you predict that it would be easier or harder to extract the DNA from a bacterial cell compared to extracting DNA from onion cells? Briefly explain.			
	b) Would you predict that a single-celled bacterial organism would have as much DNA as a cell from a more complex organism, such as an onion? Explain.			

Name: _____

Section:

Name:	Section:	
Data and Observations		
Record your observations from		
Step 5:		
Step 7:		
Step 10:		
Step 14:		
Siep 14.		
Step 15:		
Step 18:		