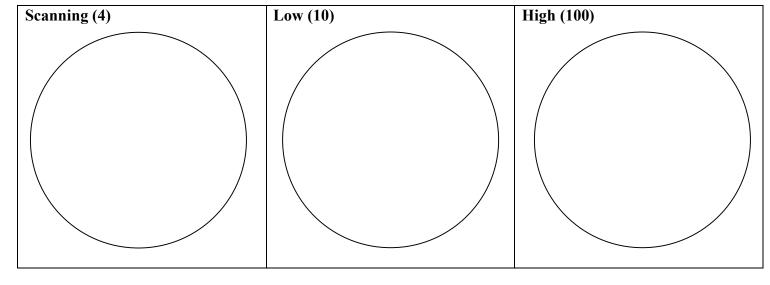
Human Cheek Cell Internet Lab using a Virtual Microscope

Name:	Date:	Hr.:
Introduction: If you missed the microscope microscope" which can be accessed on the microscope we used in the lab, but it will n	internet, The virtual microsco	
Access the Virtual Microscope at http://www.ithevirtual.nc. scope".	ww.udel.edu/biology/ketcham.	/microscope/ click on the link that says
 Familiarize yourself with the micro with. List the 3 parts of the Cell Theory a.) 	scope, run the tutorial and exa	nmine the parts you will be working
b.)		
c.)		
3.Decribe or define each of the followin	g	
Cell membrane –		
Cytoplasm –		
Nucleus –		
Organelle -		
3. View the slide labeled cheek smear Label on high power the Cell Mer	_	<i>C</i> , , <i>C</i>



4. The light microscope used in this lab is not powerful enough to view other organelles in the cheek cell. What parts of the cell were visible?	
5. List 2 organelles that were NOT visible but should have been in the cheek cell.	
6. Is the cheek cell a eukaryote or prokaryote? How do you know?	
6. Your saliva starts the process of chemically breaking down the food you eat. Keeping this in mind, what organelles do you think would be the most numerous inside the cells of your mou	