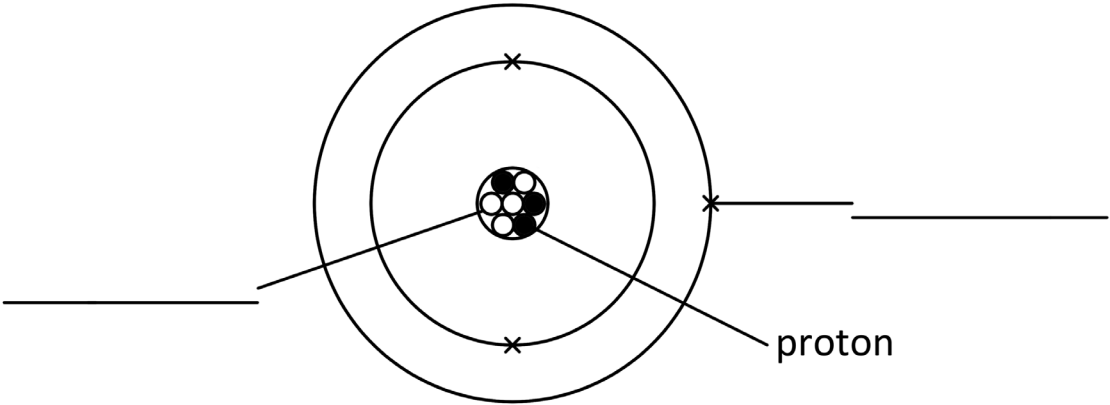


Chemistry 1 a Week Activity Foundation		1 st Week
Name:		Class: 
Describe a test to show that a gas is carbon dioxide. 	Calcium is in group of the periodic table of elements. Fluorine is in group of the periodic table of elements.	
Complete the diagram by labelling the other two particles shown. 		
Zinc reacts with dilute hydrochloric acid to produce zinc chloride and hydrogen. Write the word equation for the reaction of zinc with dilute hydrochloric acid. 		
The atomic number of lithium is? 	The relative mass of a proton is? 	
In what two states do ionic compounds conduct electricity? 	How do metals conduct electricity? 	
Give the electronic configuration of Na ⁺	Give the electronic configuration of O ²⁻	
A sample of gallium contains 60.2% of gallium-69 and 39.8% of gallium-71. Calculate the relative atomic mass of gallium. 		