•	the table to s atomic particl	how the properties e	of		Draw the electro	n structure for the foll	owing elements.	_
Particle Proton	Relative Charge	Relative Mass				Lithium	Sodium	
Neutron								
Define t	ne term isotop	De .	Complete these word e balanced symbol equat Magnesium + Oxygen Zinc + Hydrochloric Aci	tion underneath	reaction write a	CI	nlorine	Oxygen
	these keywor		Copper Oxide + Sulphu	ric Acid	Atomic !	Structure an	d	
Keywo Elemer		Definition				odic Table		
Compo	und			Descri		g technique and give a Description		e each can be used. Example
Mixtur	е			Filtrating	comique	Description	•	
Describe JJ Thomson's theory of the atom.			1.	Evaporation				
				Distillation				
				Chromatogra	phy			
Describ	e Rutherford's	s Gold leaf experime		cions Rutherford sa	w in his Gold leaf	experiment and the co	nclusions he made	

In the space below draw an atom and label it with the keywords

between metals a	nd non-meta	Is						ns (Group 7)	w the propertie	25 01
Property	Metals	Non Metals					Fluorine	Chlorine	Bromine	Iodine
Conduction of Heat/Electricity						Electron Structure				
Ability to bend (Malleable or not)				•						
Appearance					c Structure	State at room temperature				
Sound when hit					Periodic Table	Key information about the halogens			·	
Density Magnetism				Why are Gro		Reactivity				
				unreactive?	up o atoms	Products when				
Complete the tab the Alkali Metals		e properties of				reacted with metals				
lectronic Structure	Lithium	Sodium	Pot	otassium	Draw a timeline to o	describe how the periodi theories.	c table was d	eveloped throu	gh time. Includ	le the

In the space below draw an atom and label it with the keywords

Electronic Structure		
Melting point/ °C		
Flame Test Colour		
Reaction with water		
Products of reaction with water		

Complete the table to show the difference

 scientists and their theories.								

Complete the table to show the properties of