





Worksheet Number (2)

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duca	tiona	ıl Ou	tcon	ne: I	denti	fy Pe	eriod	ic Ta	ble								
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ctivit	v 1:	look	at th	e fol	lowi	ng fi	gure	and	ansv	ver t	he fo	llow	ing				
I IA																	18 VIIIA
H	2											13	14	15	16	17	³Не
Hydrogen 1008	Be											5 B	6 C	7 N	8 O	9 F	Ne
Na Na	Beryllum 9 20 (21831											13 AI	Si	Nitrogen 14 007	Oxygen 15 999	Fluorine 18 998403163	Neon 20.1797 18 Ar
Sodium 22 58975928	Magnesium 24305 Ca	SC	14 IVB	5 VB	Cr	VIIB 25 Mn	viiiB Fe	VIIIB PVIIIB	Ni	¹¹ Cu	¹² IIB Zn	Aluminium 24.9815385	Silicon 28.085	Phosphorus 30.972761998 33 As	Sulfur 32:06 34 Se	Chlorine 35.45 Br	Argon 39,948 Kr
Potassium 39,0983	Calcium ecora 38	Scandium 44:95:3908 39	Titanium 47,667	Vanadium 50.945 41	Chromium 51.9961 42	Manganèse 54.938044 43	Iron 55.845 44	Cobalt 58.933194	Nickel 56,6934 46	Copper 63.546 47	Zinc 65:38 48	Gallium 49.723	Germanium 72.630 50	Arsenic 74.921095	Selenium 78.971 52	Bromine 79,904	Krypton 83.798 54
Rb Rubidium 85.4678	Strontium 87.62	Y Vttrium 68.90584	Zr Zirconium 91,224	Nb Niobium 92.90637	Mo Molybdenum 95.90	Tc Technetium (98)	Ru Ruthenium 101.07	Rh Rhodium 102,90550	Pd Palladium 106.42	Ag Silver 101,6662	Cd Cadmium 172-914	In Indum 114,818	Sn Tin Tib.710	Sb Antimony 121760	Te Tellunium 12760	fodine 126.90447 85	Xe Xenon 131,293
Cs Caesium 132 90545198 87	Ba Banum 137327	57 - 71 Lanthanoids	Hafrium 178,49	Tantalum (80.94788	Tungsten :83.84	Re 8henum 185 207	Os Damium 190,23	Ir Indium 192,217	Pt Platinum 195.084	Gold 196.966569	Hg Mercury 200.592	Thelium 20438	Pb Lead 2072	Bi Bismuth 208,98040	Polonium (20%)	At Astatine (210)	Rn Radon (222)
Francium (223)	Ra Radium	89 - 103 Actinoids	Rf Autherfordium	Db Dubnium (266)	Sg Seaborgium (249)	Bh Bohrium (279)	Hs Hassium (209)	Mt Meitnerium (278)	Ds Darmstadtium (281)	Rg Roentgenium (282)	Cn Copernicum (285)	Nh Nihonum (284)	Flerovium (289)	Mc Moscovium (289)	LV Eivermorium (293)	Ts Tennessine (294)	Og Oganessor (294)
a. V	Wha	t is tl	he na	ıme (of thi	is fig	ure?										
b. Y	Wha	t is tl	he nı	ımbe	er of	grou	p th	at ha	ıs So	diun	ı (N	a)?		• • • • • •			• • • • •
c. I	Nam	e an	elem	ent 1	hat e	exist	in tł	ie sai	me g	roup	of H	Ieliu	m (F	Ie)			
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		or fa		<u> </u>		•	41										
1. 8	odiu	m an	id Po	tassi	um a	re in	the s	same	grou	p							
2. E	Elem	ents i	s the	sam	e gro	up d	o not	t have	e sim	ilar ı	orope	rties			_ 		

Outcome 2: compare between sodium and potassium

Use the following link to use an **interactive periodic table** that shows each elements properties, symbol and the uses of it.

 $\underline{https://elements.wlonk.com/ElementsTable.htm}$

Activity 2: Compare between Sodium and Potassium

	Sodium	Potassium
Latin name		
Symbol		
Color		
Shiny / dull		
Group number		
Metal / non metal		

Outcome 3: Identify the following metals (Gold – Chromium and Tin)

Gold is a shiny metal that is often made into The symbol of Gold is	Policy Po

Tin is a that used in	
The symbol of Tin is	

Outcome 4: Describe Sulphur and Neon

Watch the next 2 videos then answer

https://www.youtube.com/shorts/htbVB6ILHPI

https://www.youtube.com/watch?v=bj55Y9ERvgs

activity 4:

- a. Is Sulphur a metal or no-metal?
- b. What is the color of Sulphur?
- c. What is the symbol of Sulphur?
- d. Identify the state of matter of neon.
- e. What is the symbol of Neon?
- f. Explain, Neon can glow?

