North Nazimabad Boys Campus

E-Worksheet



Teacher Name: Class: Subject: Date:

Seema Adil 7 Science 2nd November 2017

TOPICS: DICHOTOMOUS KEY, ELEMENTS AND COMPOUNDS,

MIXTURES

Q.1 (a)- Give chemical symbols for the following elements.

Element	Its chemical symbol	Element	Its chemical symbol
Oxygen		Sulphur	
Silicon		Zinc	
Aluminium		Titanium	
Calcium		Neon	
Magnesium		Bromine	
Carbon		Argon	
Hydrogen		Chromium	
Nitrogen		Nickel	
Phosphorous		Boron	
Helium		Lithium	
Chlorine		Beryllium	
Cobalt		Manganese	
Iodine		Fluorine	

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(b). Give other names and the chemical symbols of these elements.

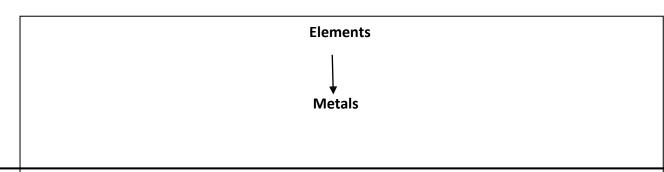
Element Its other name Its chemical symbols					
Element	its other hame	Its chemical symbol			
Iron					
Sodium					
Potassium					
Copper					
Silver					
Tungsten					
Gold					
Lead					
Mercury					
Antimony					
Tin					

O '	2. (2)	Give	reasons	Why
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(h) These are	different	wavs of	forming	compounds,	Give the	eir examı	oles.
v	, incocarc	united circ	ways or		compounds,	OIVC UII	cii caaiii	σ_{1}

- 1. Combining **two elements** during chemical reaction:
- 2. Combining **element** and **compound** during chemical reaction:
- 3. Combining **two compounds** during chemical reaction:

Q.3 (a) Make a dichotomous key to identify these elements, copper, sulphur, iron, Mercury



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(b) Sort out these elements into the columns below.

Titanium, carbon, neon, helium, calcium, copper, chlorine, sodium, Cobalt, Oxygen, Magnesium, Nickel, Iodine

Metallic elements	Non metallic elements

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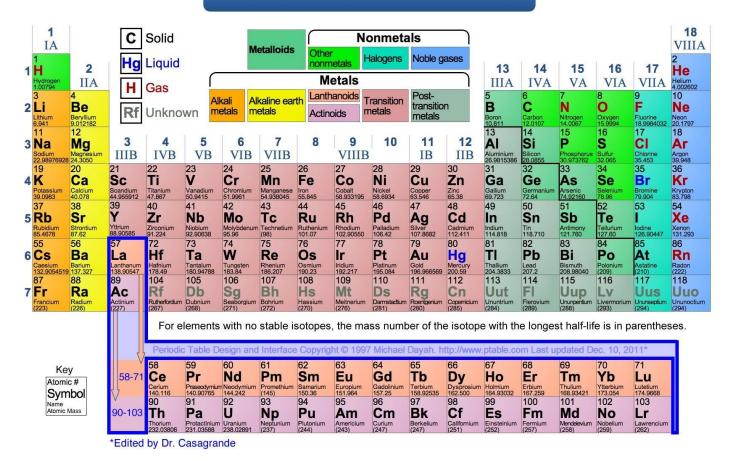


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Q.4 (a) Differentiate between:

Properties	Metals	Non metals
appearance		
Density		
Melting and boiling points		
Heat and electrical conductivity		
Can be drawn into wires		
Can be beaten into shapes		
e.g.		

Periodic Table of Elements



(b) Name the metalloids from the Periodic Table.

