

WORKSHEET

Element, Compound and Mixture

Write the names of the following elements!

H

N

C

O

Mg

Ra

Be

Ni

P

He

Na

Mn

Ag

Cu

Au

Cl

S

Al

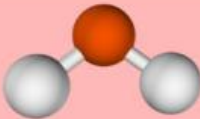
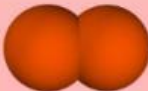
Ca

He

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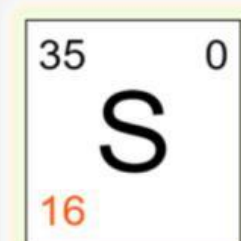
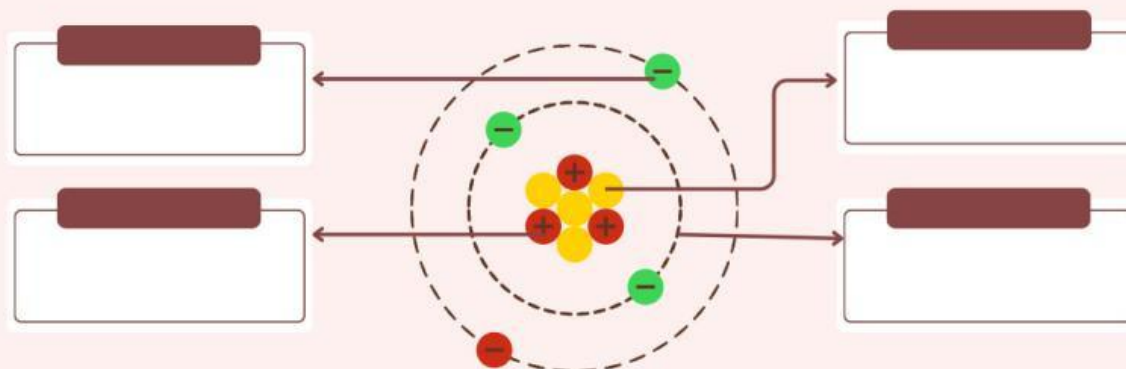
Element, Compound and Mixture

Identify the type of the following: element, element molecule, or compound molecule.

No	Example	Type of element
1		
2		
3		
4		
5		
6		



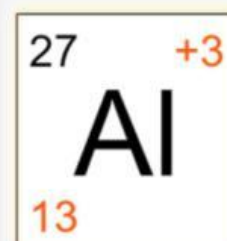
Determine the number of protons, neutrons, and electrons in the following atom!



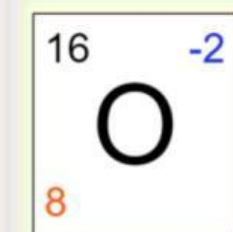
Sulfur

Nomor Atom :
 Nomor Massa :
 Jumlah proton :
 Jumlah neutron :
 Jumlah elektron :

Nomor Atom :
 Nomor Massa :
 Jumlah proton :
 Jumlah neutron :
 Jumlah elektron :



Aluminum



Oxygen

Nomor Atom :
 Nomor Massa :
 Jumlah proton :
 Jumlah neutron :
 Jumlah elektron :

Understanding Three Types of Elements in the Periodic Table

Metal

Non-Metal

Metalloid

Logam:

3 Li Litium	19 K Kalium
28 Ni Nikel	29 Zn Seng

Nonlogam:

7 N Nitrogen	9 F Fluorin
34 Se Selenium	35 Br Bromin

Metalloid:

5 B Boron	14 Si Silikon
1 Sb Antimon	1 Te Telurium

Draw a line to connect the chemical formula to the correct name of the substance or compound!

NaCl

H₂O

NH₃

CO₂

SO₄

CO₃

Carbon dioxide

Sulfat

Salt

Water

Carbonate

Ammonia

Write the names of the following compounds according to the rules of chemical nomenclature!

No	Element	Name of Compound
1	N ₂ O	
2	N ₂ Cl ₄	
3	SO ₃	
4	NaCO ₃	
5	CaSO ₄	

Determine the type of mixture separation that corresponds to the figure!

