

AL-REEYADA INTERNATIONAL SCHOOL

MAHASEN ARAMCO, AL-AHSA, KINGDOM OF SAUDI ARABIA

SCIENCE – 6**Home activity # 8**

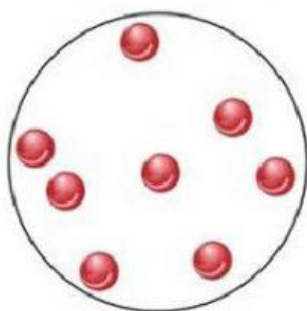
Name: _____ Class: _____ Section: _____

Clue: students should read the page no – 110 & 111 of the Science textbook thoroughly, then solve the home activity by referring the Science textbook. **[Do not use all capital letters for writing answers]**

Complete the definition of a compound.

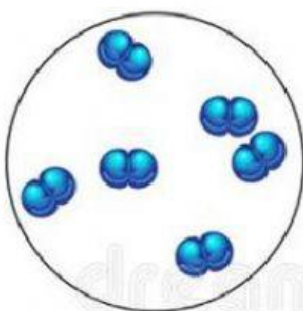
Ans: A compound _____ of _____ or more _____
_____ combined _____.

Now, observe the image given below and read the type of atoms that forms an Element, compound, or a mixture.

Oxygen

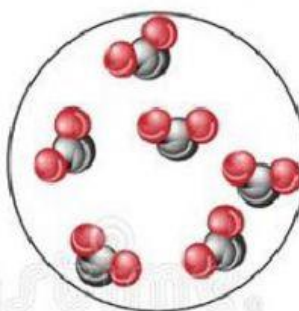
Atoms of an
element

contains only
Oxygen atoms

Nitrogen

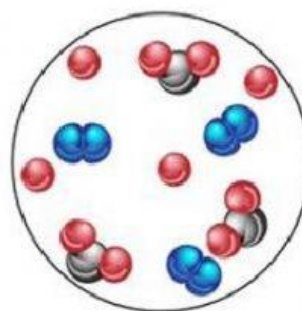
Molecules of
an element

contains only
Nitrogen atoms

Carbon Dioxide

Molecules of
a compound

contain atoms of
oxygen and carbon

Air

Mixture of
elements and
a compound

contain atoms of
oxygen, nitrogen,
carbon dioxide,
hydrogen, etc.

I. Identify the following substances as an element, compound or a mixture.

a) Carbon dioxide – _____.

b) Salt – _____.

c) Air – _____.

d) Nitrogen – _____.

e) Water – _____.

f) Sugar – _____.

II. Choose the *Elements* present in the following from the drop-down box:

1. Water – _____.

2. Air – _____.

3. Carbon dioxide – _____.

III. Fill in the blanks: -

i. When compounds form _____ is either given out or taken in as _____ and sometimes _____.

ii. A _____ is used to describe a _____.

iii. complete the word equation: _____ + _____ $\longrightarrow$ water