

AL-REYYADA INTERNATIONAL SCHOOL
MAHASEN ARAMCO, AL-AHSA, KINGDOM OF SAUDI ARABIA

SCIENCE – 6

Home activity # 8

Name: _____ Class: _____ Section: _____

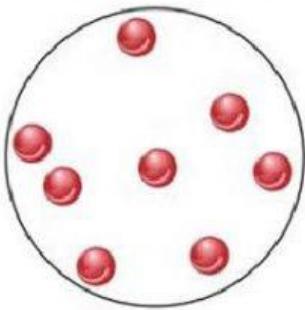
Clue: students should read the page no – 110 & 111 of the Science textbook thoroughly, then solve the home activity by referring the Science textbook. **[Do not use all capital letters for writing answers]**

Complete the definition of a compound.

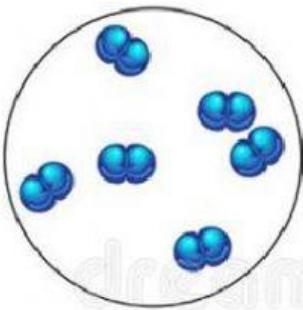
Ans: A compound _____ of _____ or more _____ combined _____.

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

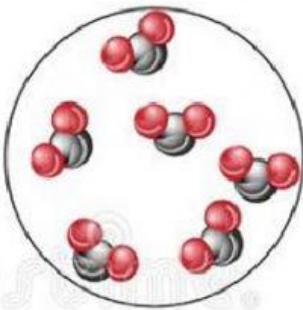
Oxygen



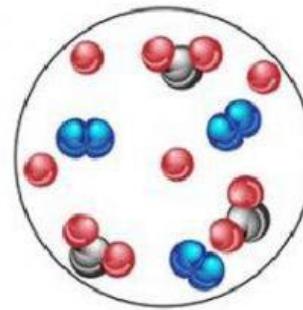
Nitrogen



Carbon Dioxide



Air



Atoms of an element

contains only Oxygen atoms

Molecules of an element

contains only Nitrogen atoms

Molecules of a compound

contain atoms of oxygen and carbon

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: _____ + _____ → water