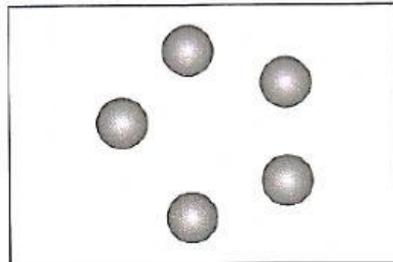
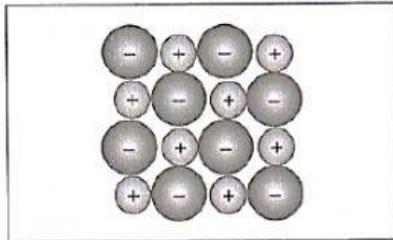
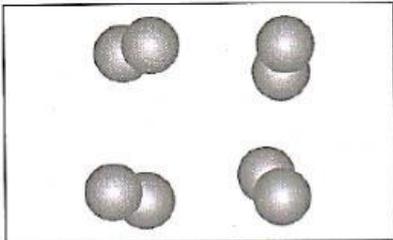


8.1 Matter

1. are the smallest particles of an element that take part in chemical reactions.
2. consists of two or more atoms which are chemically joined together.
3. is a charged particle which is formed when an atom loses or gains electrons.
4. Metals and noble gases are substances made of
5. When a non-metal reacts with another non-metal, a compound made of is formed. Examples are and
6. When a metal reacts with a non-metal, a compound made of is formed. Examples are and

7. Match the following diagram with the correct names.



Atom
Atom

Molecule
Molekul

Ion
Ion

8. Complete the diagram below using the words given. Drag and drop the answers.

Carbon

Carbon Dioxide

Atom

Sodium chloride

Smoke
..... molecule



Salt.
..... ion



Aluminium foil
Aluminium

Charcoal
..... atom

9. Classify the following substances.

- | | | | | | |
|-----------|------------|-------------|-----------|-----------------|-------------|
| Limestone | Gold ring | oxygen | Iron nail | Ice cube | Copper wire |
| Sulphur | Zinc sheet | Common salt | Sugar | Copper Sulphate | Iron rust |

ATOMIC SUBSTANCE	MOLECULAR SUBSTANCE	IONIC SUBSTANCE

10. State the form of carbon element in the substances below:

Carbon dioxide gas :

Charcoal :