

## EXERCISE 6.1 CLASSIFICATION OF ELEMENTS

1. Fill in the blank with the correct answer.

- a) All matter consists of atoms which are particles that are minute and .....
- b) An atom cannot be seen with our naked eyes and can only be seen using an .....
- c) Atom consists of ..... nucleus at its centre
- d) Neutron is ..... charged
- e) Atoms are neutral (no charged) because they have ..... number of protons and electrons
- f) Matter which consists of atoms of the same type is called an .....

2. Choose the correct answer.

3. Match the correct pair for metals and non metals

METAL

SULPHUR  
ALUMINIUM  
CARBON  
COOPER

NON METAL

4. Fill in the table below with the correct characteristic for metals and non metals.

METAL	DIFFERENCES	NON-METAL
<input type="text"/>	<b>APPEARANCE</b>	Dull
Ductile	<b>DUCTILITY</b> (able to be pulled into wire)	<input type="text"/>
<input type="text"/>	<b>MALLEABILITY</b> (able to be shaped)	<input type="text"/>
<input type="text"/>	<b>TENSILE STRENGTH</b>	Low (break easily)