

## 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)