

Metals and Nonmetals

Physical and chemical properties of metals and nonmetals

Activity 1

Identify the samples given to you.

Observe the various physical properties like color, luster, malleability and conductivity and the reaction with acid of the samples.

Record your observation in the table given below and classify the samples as metals and nonmetals.

No.	Name	Color	Luster	Malleability*	Ductility*	Conductivity of electricity	Melting & Boiling point	Reaction with acid	Nature of oxide (acidic/basic)	Classification
1.										
2.										
3.										
4.										
5.										
6.										

*Malleability - able to be hammered or pressed permanently out of shape without breaking or cracking.

*Ductility - able to be drawn out into wire.

What other properties of metals and nonmetals can you identify?