

WORK SHEET
SUBJECT- Science
Lesson-6: Metals and Non-Metals

CLASS- VIII**Q.1 Fill in the blanks:**

- a) Phosphorus is a very _____ non-metal.
- b) Metals are _____ conductors of heat and _____.
- c) Iron is _____ reactive than copper.
- d) Metal reacts with acids to produce _____ gas.

Q.2 Some properties are listed in the following table. Distinguish between metals and non-metals on the basis of these properties.

PROPERTIES	METALS	NON-METALS
1. Appearance 2. Hardness 3. Malleability 4. Ductility 5. Heat 6. Conduction 7. Conduction of Electricity		

Q.3 Give reasons of the following:-

- a) Aluminum foils are used to wrap food items.
- b) Immersion rods for heating liquids are made up of metallic substances.
- c) Copper cannot displace zinc from its salt solution.
- d) Sodium and potassium are stored in kerosene.

Q.4 Can you store lemon pickle in aluminium utensil? Explain.**Q.5 What happens when:**

- a) Dilute sulphuric acid is poured in copper plate?
- b) Iron nails are placed in copper sulphate solution?
