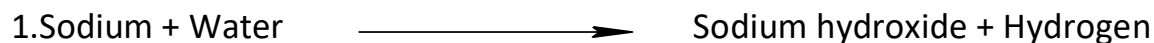


# P.S. Senior Secondary School

## CLASS X CHEMISTRY WORK SHEET 1

Write the balanced chemical equation for the following word equation:



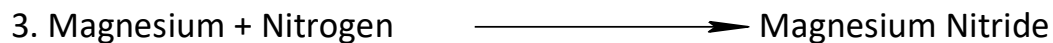
**Skeletal Equation** : \_\_\_\_\_

**Balanced Equation:** \_\_\_\_\_



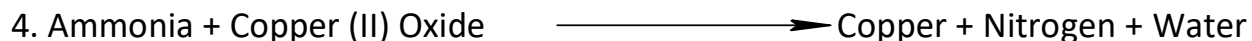
**Skeletal Equation** : \_\_\_\_\_

**Balanced Equation** : \_\_\_\_\_



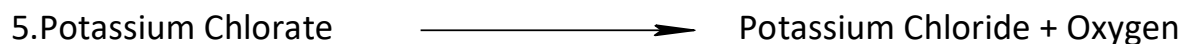
**Skeletal Equation** : \_\_\_\_\_

**Balanced Equation** : \_\_\_\_\_



**Skeletal Equation** : \_\_\_\_\_

**Balanced Equation** : \_\_\_\_\_



**Skeletal Equation** : \_\_\_\_\_

**Balanced Equation:** \_\_\_\_\_

**WORK SHEET NO: 2**

**GIVE AN EXAMPLE FOR THE FOLLOWING TYPE OF CHEMICAL REACTIONS WITH A BALANCED CHEMICAL EQUATION**

1. A Photolytic decomposition reaction

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2. A Combination reaction which is also exothermic

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3. A Thermal decomposition reaction

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4. An Electrolytic decomposition reaction

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5. A single displacement reaction

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6. A Double displacement reaction which is also a precipitation reaction

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7. An Exothermic reaction

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8. An Endothermic reaction

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9. A Double decomposition Endothermic reaction

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10. A Redox reaction

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**WORK SHEETNO:3**

**WRITE BALANCED CHEMICAL EQUATIONS AND 2 CHARACTERISTICS OF THE FOLLOWING CHEMICAL REACTIONS :**

1. Burning of magnesium ribbon : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. Heating of ferrous sulphate crystals: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Reaction of quick lime with water: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4. Reaction between zinc and dilute sulphuric acid: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. Heating of lead nitrate crystals: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6. Reaction between iron filings and copper sulphate solution: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

7. Reaction between lead nitrate solution and potassium iodide solution: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

8. Reaction between Barium chloride solution and sodium sulphate solution

\_\_\_\_\_