

Assignment 1 – Chemical reactions and Equations

- In chemical reactions new substance is formed with new properties
 - True
 - False
- Boiling of water is a chemical reaction
 - True
 - False
- What observations help us to know if a chemical reaction has taken place or not?
 - Change in state
 - Change in colour
 - Evolution of gas
 - Change in temperature
 - All of the above.
- Mention five types of chemical reactions?
- In **decomposition reaction** two or more reactants react to produce one product
 - True
 - False
- Combination reactions are endothermic in nature
 - True
 - False
- What are three types of decomposition reactions?
- Why is magnesium ribbon cleaned before burning in air?
- In a chemical equation, products are mentioned on the left side of arrow while reactants are mentioned on the right side of arrow
 - True
 - False
- Decomposition reactions need energy in the form of heat, electricity or light to breakdown the reactants
 - True
 - False