

Topic: → Chemical Reaction and Equation.

Teacher: → M. Rafique.

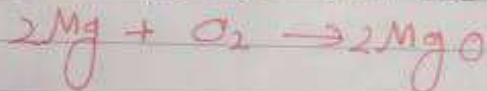
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Chemical Reaction: → Whenever a Chemical Change occurs we can say that a Chemical reaction has taken place.

Ex: → 1 food gets digested in our body
2 Rusting of iron.

Chemical equation: → A Chemical reaction can be expressed symbolically by using Chemical equation.

Ex: → magnesium is burnt in air to form magnesium oxide can be represented as.



Symbols Used in Chemical equation.

We use (g) for gas. (l) for liquid.

(s) for solid (aq) for aq. sol.

Balancing equation: → We balance the chemical equation so that number of atoms of each element involved in the reaction remain same at the reactant and product side.

Ex: $\text{Fe} + \text{H}_2\text{O} \rightarrow \text{Fe}_2\text{O}_3 + \text{H}_2$ can be written



Q(1) Write 10 example of Chemical Change

Q(2) Learn 20 elements name symbol.
Atomic number and their mass.