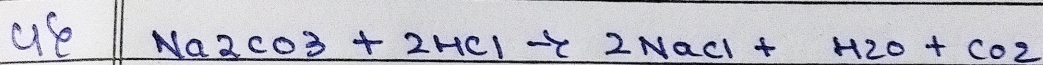
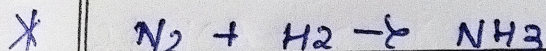
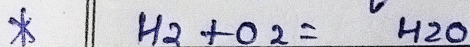


* Q. It shows both the number of molecules and the number of atoms involved in the reaction.

* Q. It makes the study of chemistry universally standardized.



Q. Examples of skeletal equations



Home assignment

- 1. Write any two skeletal equations.
- 2. Write the word equations for the following.
 - a. $KClO_3 \rightarrow KCl + O_2$
 - b. $Fe + H_2O \rightarrow Fe_2O_3 + H_2$
- 3. Mention the significance of balancing a chemical equation.
- 4. Balance the equation $Na_2CO_3 + HCl \rightarrow NaCl + H_2O + CO_2$

Answers

- 2a. $2KClO_3 \rightarrow 2KCl + 3O_2$
- b. $2Fe + 3H_2O \rightarrow Fe_2O_3 + 3H_2$
- 3. The significance of a balanced chemical equations.

A balanced chemical equations is a wonderful way of representing a lot of information in a concise manner.

* It shows which substances are taking up part in a chemical reaction and what products are obtained as a result of it.