



Change the following word equations into balanced symbolic equations:

1- Sodium hydroxide + hydrochloric acid → sodium chloride + water

.....

2- Iron + hydrochloric acid → Iron II Chloride + hydrogen

.....

3- sodium nitrate + Sulphuric acid → sodium sulphate + nitric acid

.....

4- Potassium chloride + Silver nitrate → Potassium nitrate + Silver chloride

.....

5- Iron II carbonate → iron II oxide + carbon dioxide

.....

6- iron II oxide + oxygen  $\xrightarrow{\Delta}$  Iron III oxide

.....

7- Iron III oxide + carbon monoxide  $\xrightarrow{\Delta}$  iron + carbon dioxide

.....

8- Iron III oxide + carbon monoxide + hydrogen  $\xrightarrow{\Delta}$  iron + carbon dioxide + water

.....

9- iron + chlorine  $\xrightarrow{\Delta}$  Iron III chloride

.....

10- iron + sulphur  $\xrightarrow{\Delta}$  iron II sulphide

.....

11-iron+ sulphuric acid  $\xrightarrow{\text{dil.}}$  iron II sulphate + hydrogen

.....



