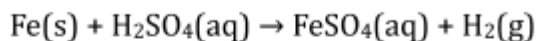


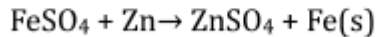
Q.1 Which gas is produced when dilute hydrochloric acid is added to a reactive metal? Write the chemical reaction when iron reacts with dilute H_2SO_4

Q.2 What would you observe when zinc is added to a solution of iron (II) sulphate? Write the chemical reaction that takes place.

Sol.1 Hydrogen gas is liberated when dilute HCl is added to a reactive metal.



Sol.2 Zinc is more reactive (more electro positive) than iron. Therefore, Zinc displaces Iron from its salt solution. The colour of ferrous sulphate is pale green, which turns colourless.



Light green Zinc sulphate (Colourless)