

WORKSHEET -2

TOPIC 1

(1) Write balanced chemical equations and ionic equations for the following reactions.

(a) cobalt + aqueous iron(II) sulfate

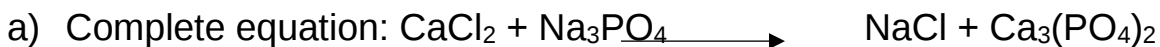
(b) zinc + aqueous nickel(II) nitrate

(c) fluorine gas + aqueous sodium chloride

(d) a iron nail is placed in an aqueous sulfuric acid solution

(e) a copper bracelet is dipped into an aqueous solution of gold(I) nitrate.

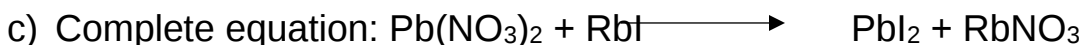
(2) Balance each of the following equations, and then write the net ionic equation.



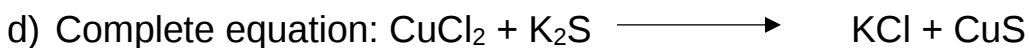
Net ionic equation:



Net ionic equation:



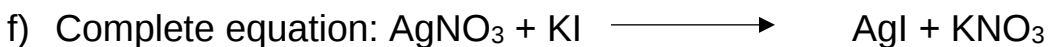
Net ionic equation:



Net ionic equation:



Net ionic equation:



Net ionic equation:



Net ionic equation:



Net ionic equation: