

CLASS - VIII
CHAPTER - 6SUBJECT - CHEMISTRY
TEACHER - ANAMIKA

26.08.24

Revision

Q:- Give reason for the following:-
a) Though lead is above hydrogen in the activity series, it is not used to prepare hydrogen.

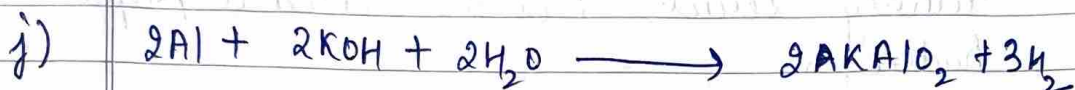
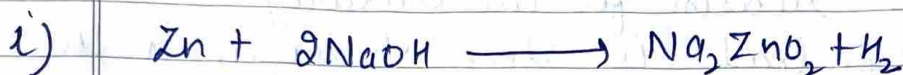
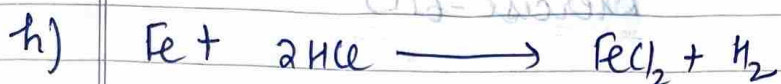
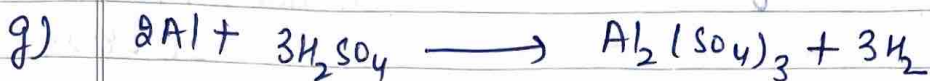
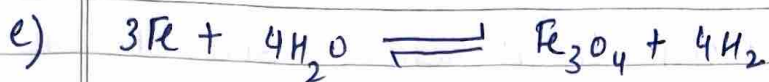
b) K and Na are not used for the reaction with dilute ~~hydro~~ HCl or dil H_2SO_4 in the lab. preparation of hydrogen.

Ans:- a) Pb react with dil H_2SO_4 or HCl and forms an insoluble coating of $PbSO_4$ or $PbCl_2$. Therefore, further reaction is prevented. Hence, it is not used to prepare hydrogen.

b) K and Na reacts violently with acid, hence they are not used for reaction with dil HCl or dil H_2SO_4 in the lab.

Q:-2 Complete & balance the following.

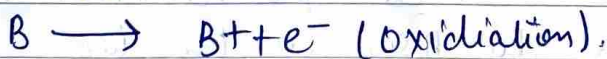




Q:- Write half reaction for the following:
 $\text{A} + \text{B} \longrightarrow \text{A} + \text{B}^+$ and name the following

- Oxidizing agent
- Substance oxidized.
- Reducing agent

Ans:- Half Reaction



a) A, as it is oxidized B by accepting electrons

b) B, as it is losing electrons

c) B, as it is reducing A by providing electrons.