

# Study of first element- Hydrogen

as it has only 1e- short of nearest noble gas	iron
as it forms coating of insoluble salts	zinc
downward displacement of water	Potassium
it is a very strong oxidizing agent	Lead
impurities have a catalyzing effect	due to its electropositive character

Drag the option to the correct blank:

1. Hydrogen resembles alkali metals \_\_\_\_\_.
2. Hydrogen resembles halogens \_\_\_\_\_.
3. \_\_\_\_\_ reacts violently with water producing  $H_2$  gas & KOH.
4. Reaction of \_\_\_\_\_ with water is reversible.
5. \_\_\_\_\_ does not react with water.
6. Nitric acid cannot be used for the production of  $H_2$  gas because \_\_\_\_\_.
7. Lead cannot be used to react with dilute HCl or  $H_2SO_4$  \_\_\_\_\_.
8. \_\_\_\_\_ reacts with acid as well as base to form salt & water.
9. Granulated zinc is preferred as \_\_\_\_\_.
10. Hydrogen is collected by \_\_\_\_\_.