

When a metal is surrounded by solvent molecules, the phenomenon is termed \_\_\_\_\_.  
solvation

\_\_\_\_\_ is an isotope of hydrogen.  
deuterium

The high boiling and melting points of water is attributed to \_\_\_\_\_.  
Hydrogen bonding

The most common and abundant compound for the manufacture of hydrogen is \_\_\_\_\_.  
water

Hydrogen has how many neutrons \_\_\_\_\_.  
0

The stability of alkali salts depends on the \_\_\_\_\_ of the salts  
enthalpy of formation

Hydrogen reacts with alkali metals to form \_\_\_\_\_.  
hydrides

Consider the following elements Ca, C, Be, Cl, which one will be the most electropositive.?  
Ca

Which of the following elements will be the least electronegative, O, N, F, C?  
C

Hydrogen is placed in group 1 as the alkali metals in the periodic table because \_\_\_\_\_.  
it has outer electronic configuration of the alkali metals (ns<sup>1</sup>).

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