

_____ forms an oxide also known as heavy water.

b.

Deuterium

_____ hydrogen bond is formed between two atoms of the same molecule.

a.

Intramolecular

Atoms of element with the same atomic number but different mass number are called_____

a.

Isotopes

A phenomenon that occurs when a metal is surrounded by water is called

d.

hydration

Which law state\'s that the properties of elements are periodic functions of their atomic number?

b.

modern periodic law

The main credit of the Periodic Table goes to _____.

b.

Dmitri Mendeleev

In the group of the alkali metals the degree of hydration _____ down the group.

d.

decreases

Ionization energy _____ down the group within the alkali metals

a.

decreases

Atomic radii increases?

a.

down the group

Combustion of hydrogen is highly?

b.

exothermic

Which of these hydrogen isotopes is called heavy hydrogen ?

d.

Deuterium

In what group of the periodic table is calcium found?

c.

group 2

LiOH on heating decomposes to?

a.

Li₂O

Which of these hydrides has the highest boiling point?

c.

water