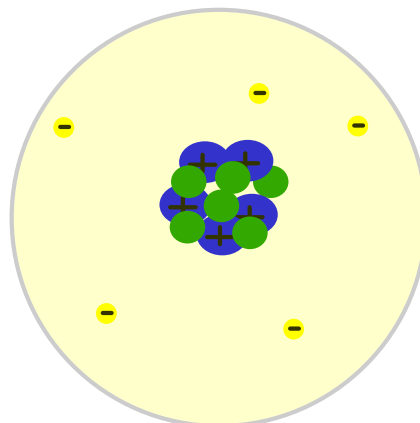


How are Biology and Chemistry related?

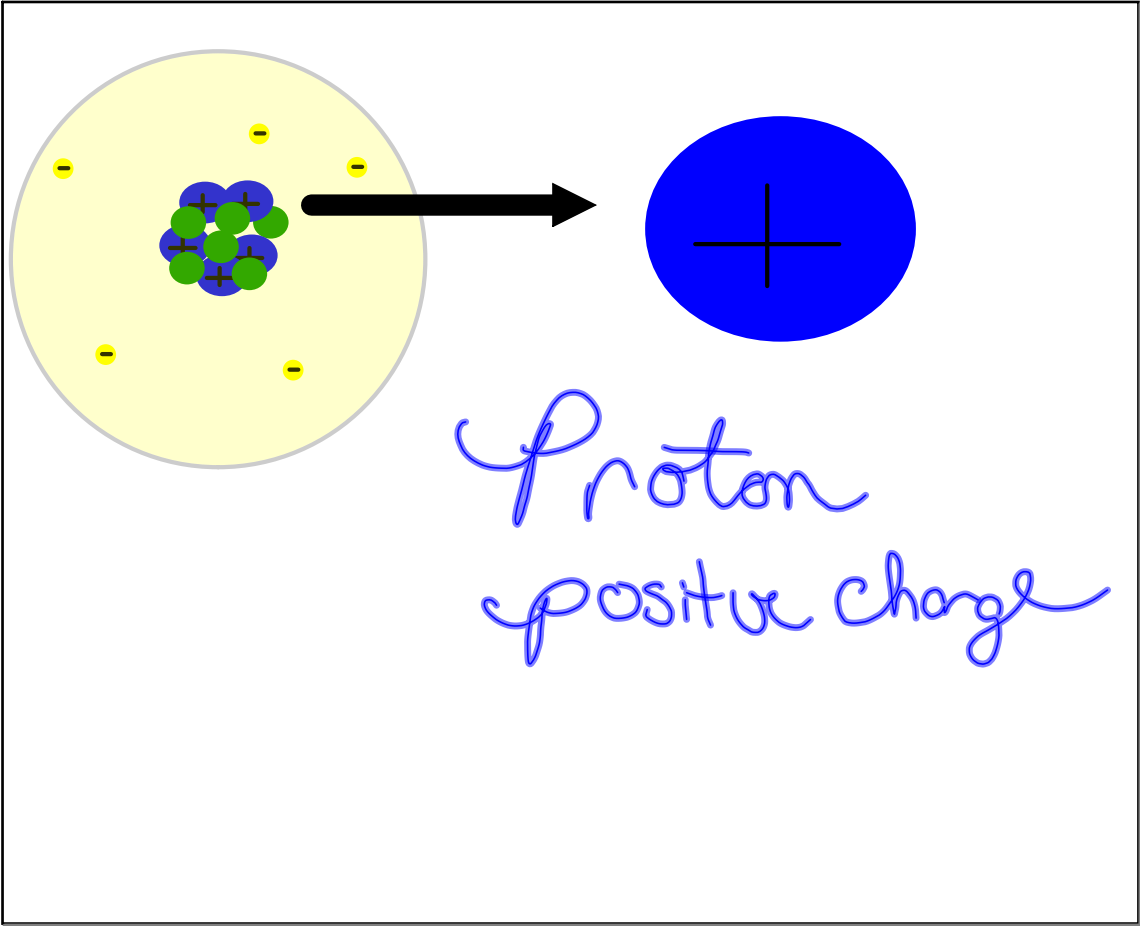
*The stuff in
biology is made up of
the stuff in chemistry*

Sep 6 - 3:14 PM

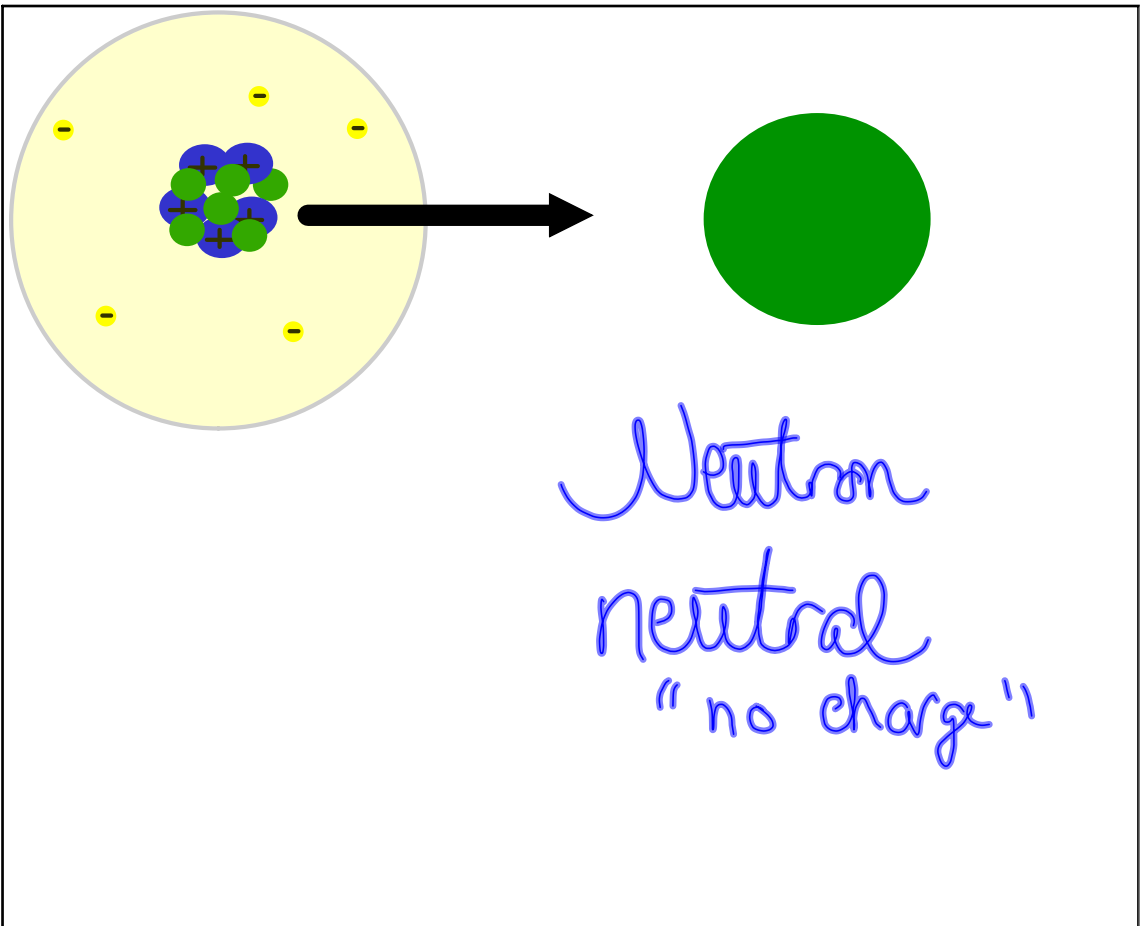
Atom- the smallest
unit of matter



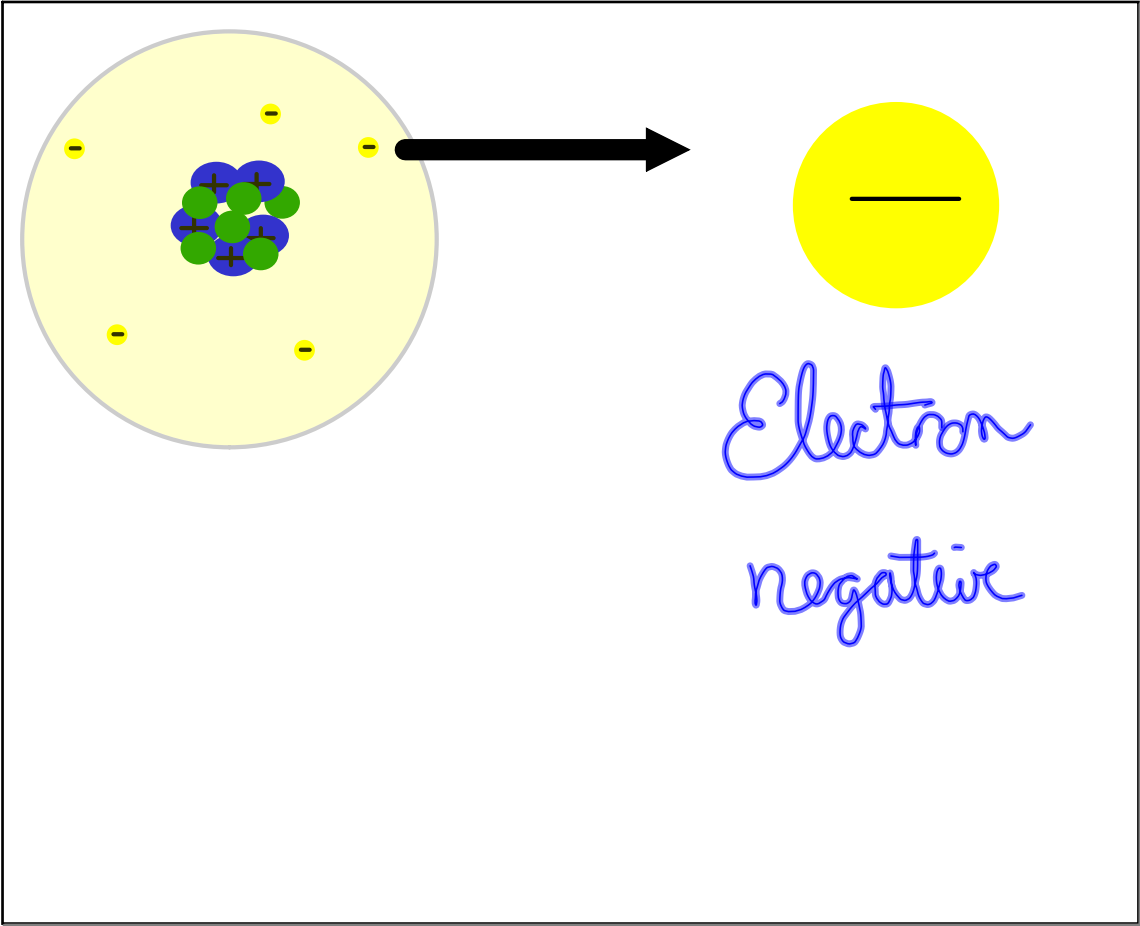
Sep 6 - 3:16 PM



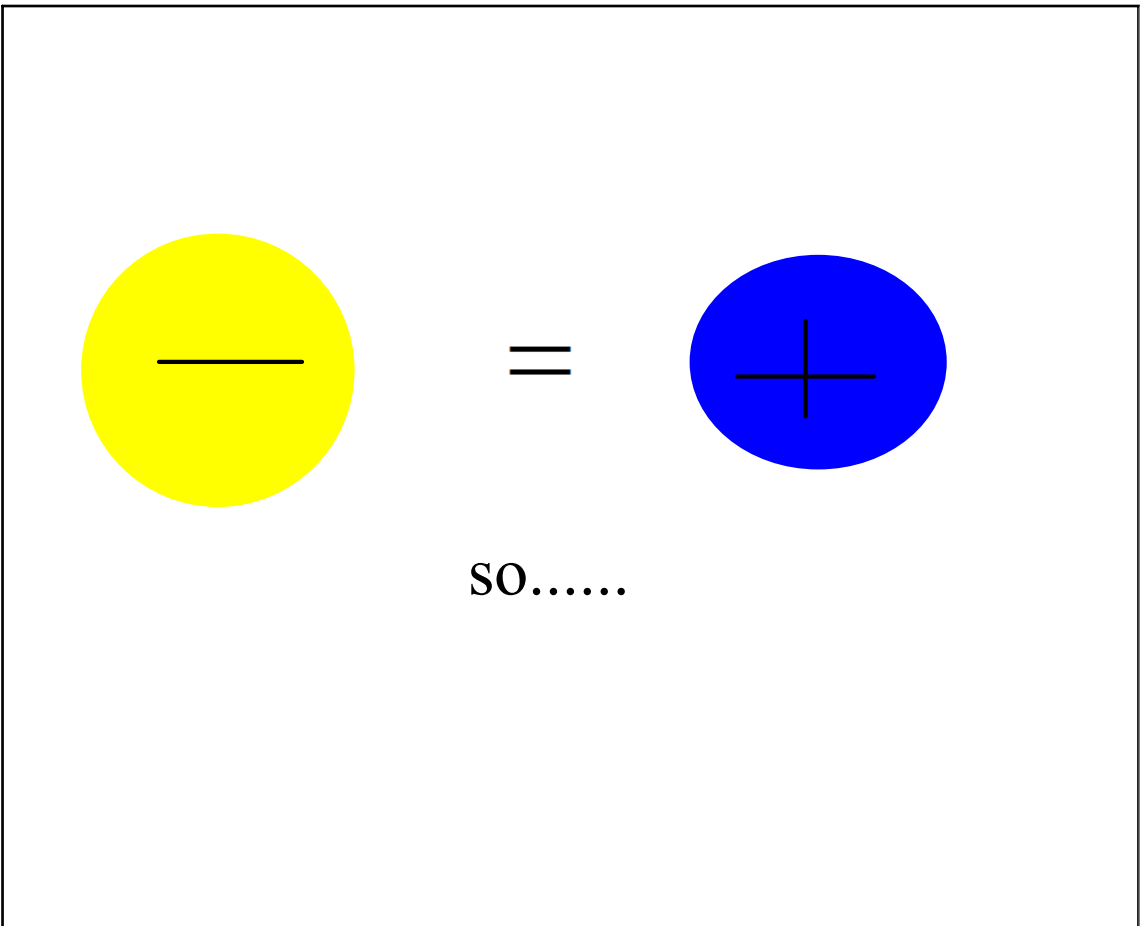
Sep 6 - 3:19 PM



Sep 6 - 3:19 PM

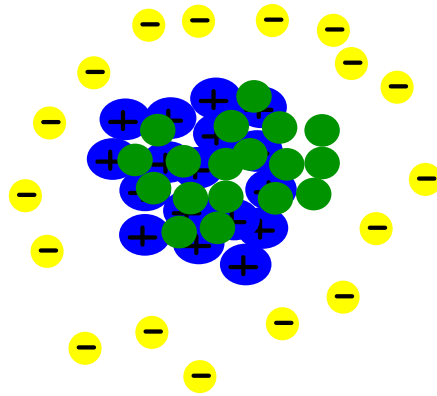
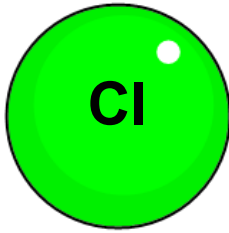


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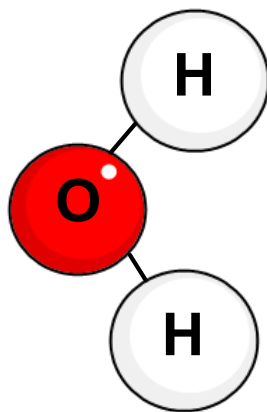
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Element- a substance made of only one kind of atom and therefore pure



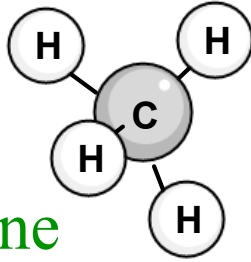
Sep 6 - 3:22 PM

Compound- a substance made of two joined atoms of one or more elements

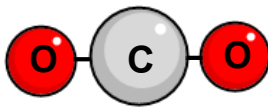


H_2O
Water

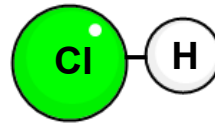
Sep 6 - 3:29 PM



Methane



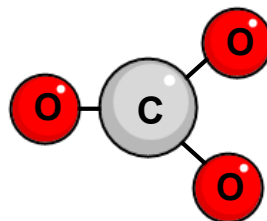
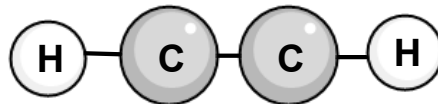
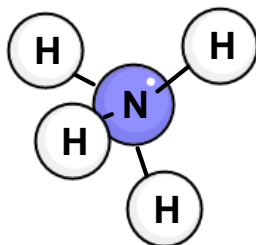
carbon dioxide



hydrochloric acid

Sep 6 - 3:30 PM

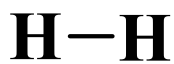
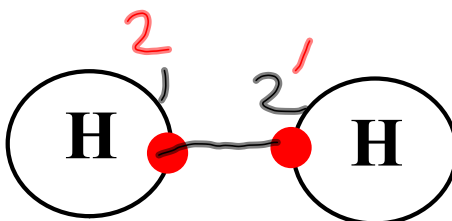
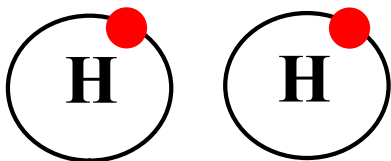
Molecule- a groups of atoms held together by covalent bonds



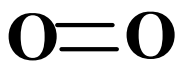
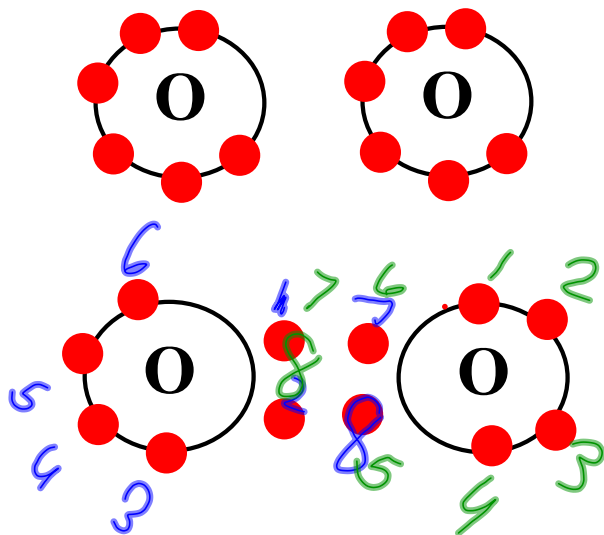
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Covalent bond

- share electrons



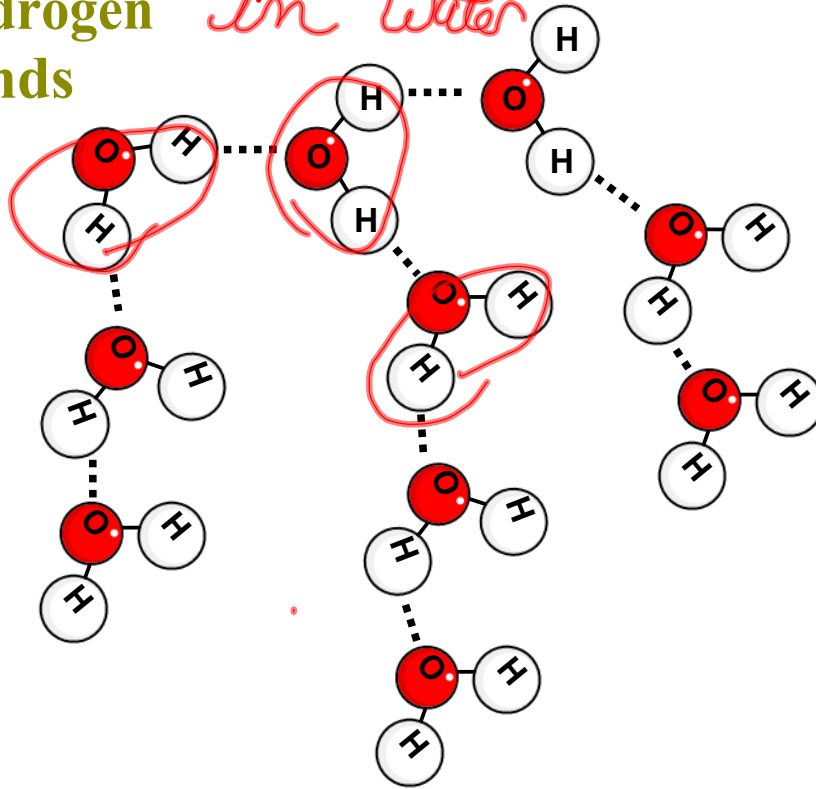
Sep 6 - 3:22 PM



Sep 7 - 10:54 AM

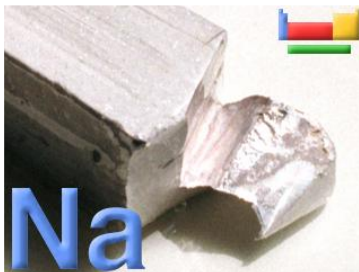
Hydrogen Bonds

in water



Sep 6 - 3:21 PM

Ion- an atom or a molecule that has gained or lost one or more electrons



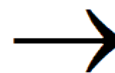
Chemistry Periodic Table sodium key information



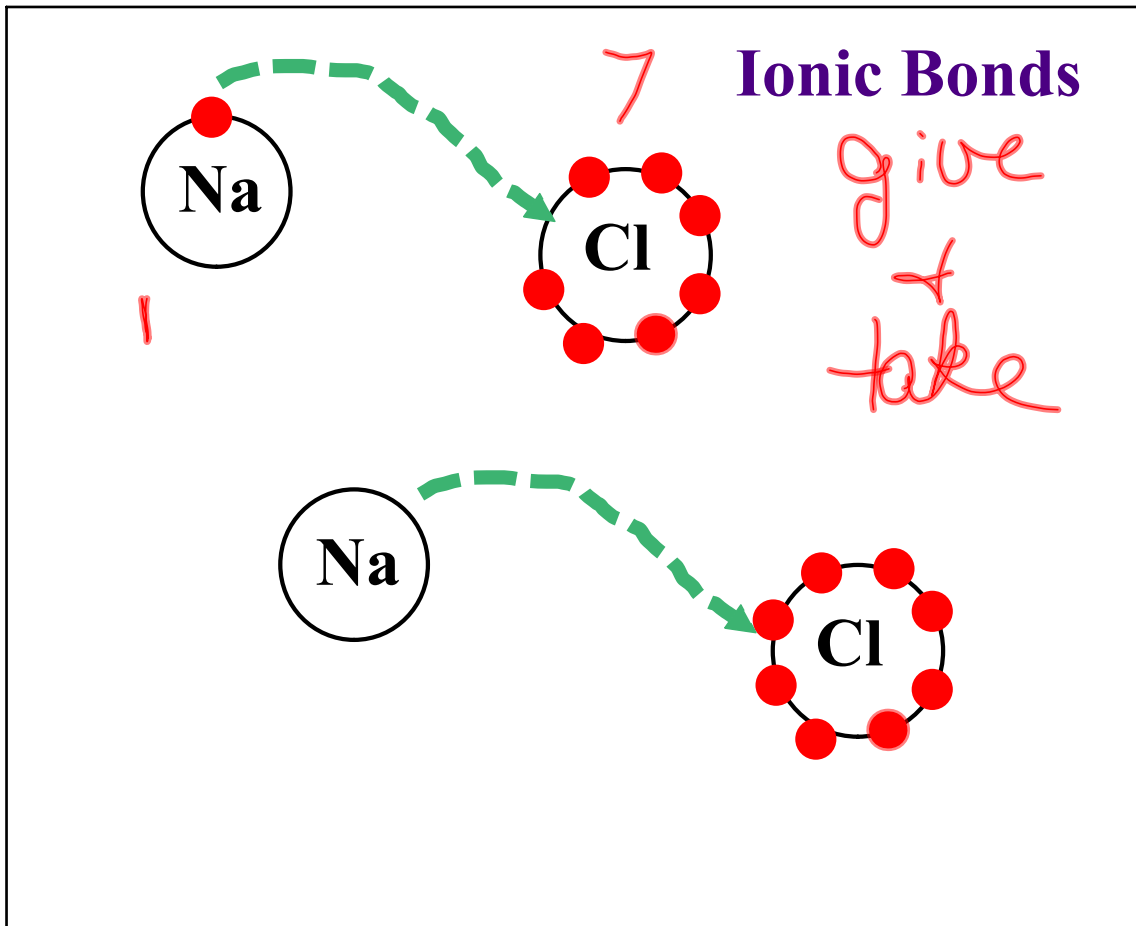
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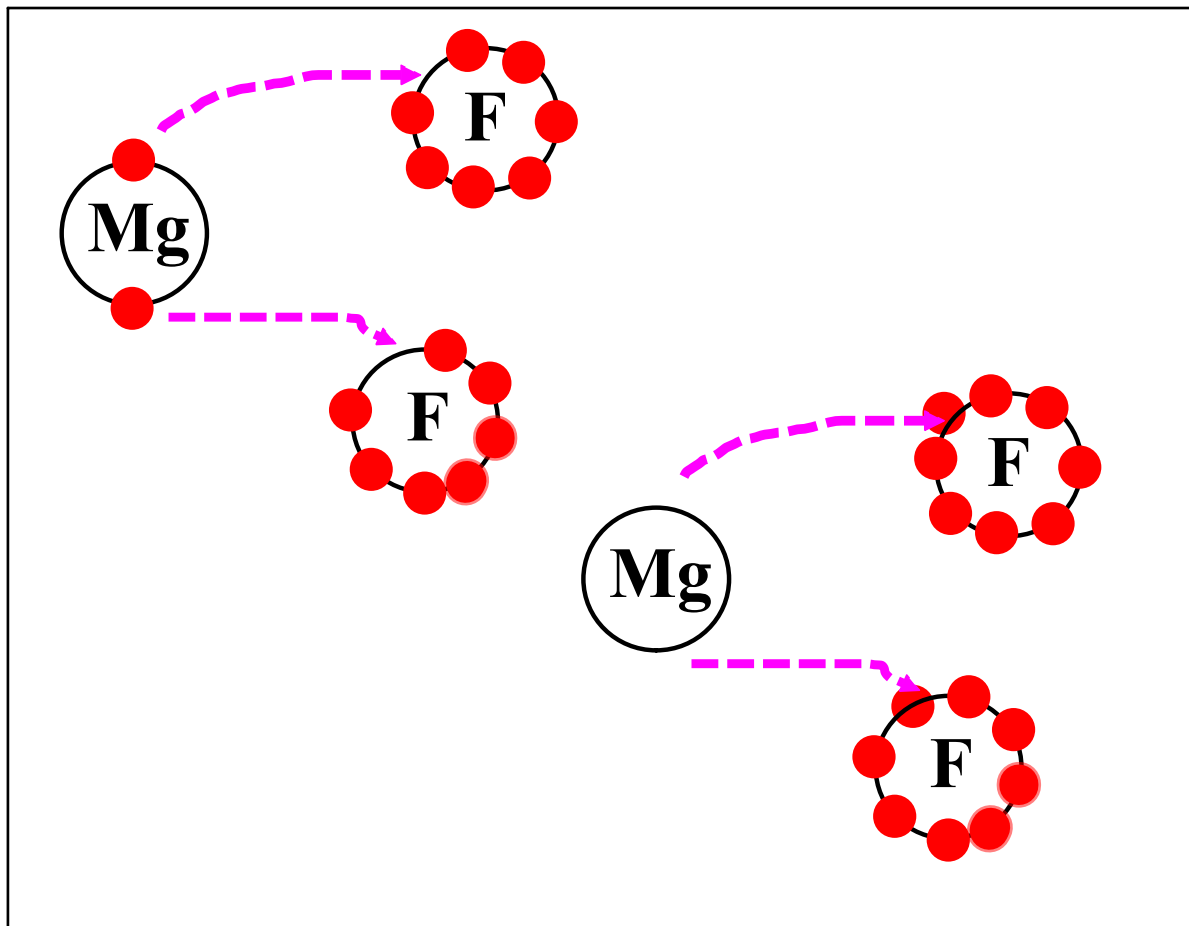
Image adapted with permission from Prof James Marshall's (U. North Texas, USA) Walking Tour of the elements.co.
Chemistry Periodic Table chlorine key information



Sep 8-10:20 AM



Sep 7 - 11:00 AM



Sep 7 - 11:00 AM