

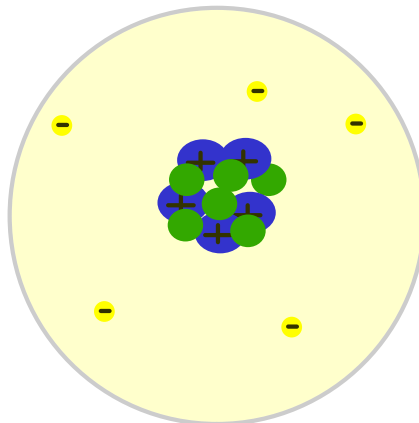
Ch 2-1 **How are Biology and Chemistry related?**

chemicals
in living
things

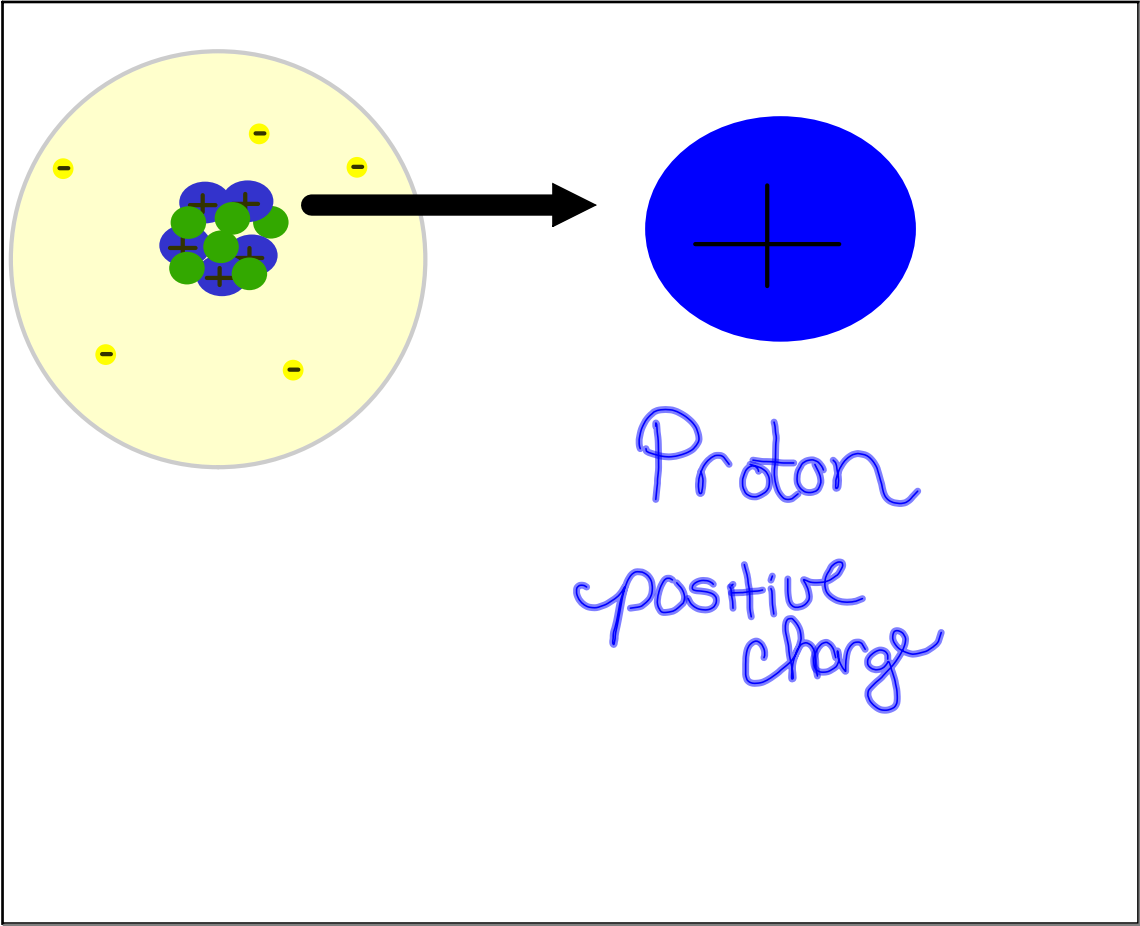
both
science

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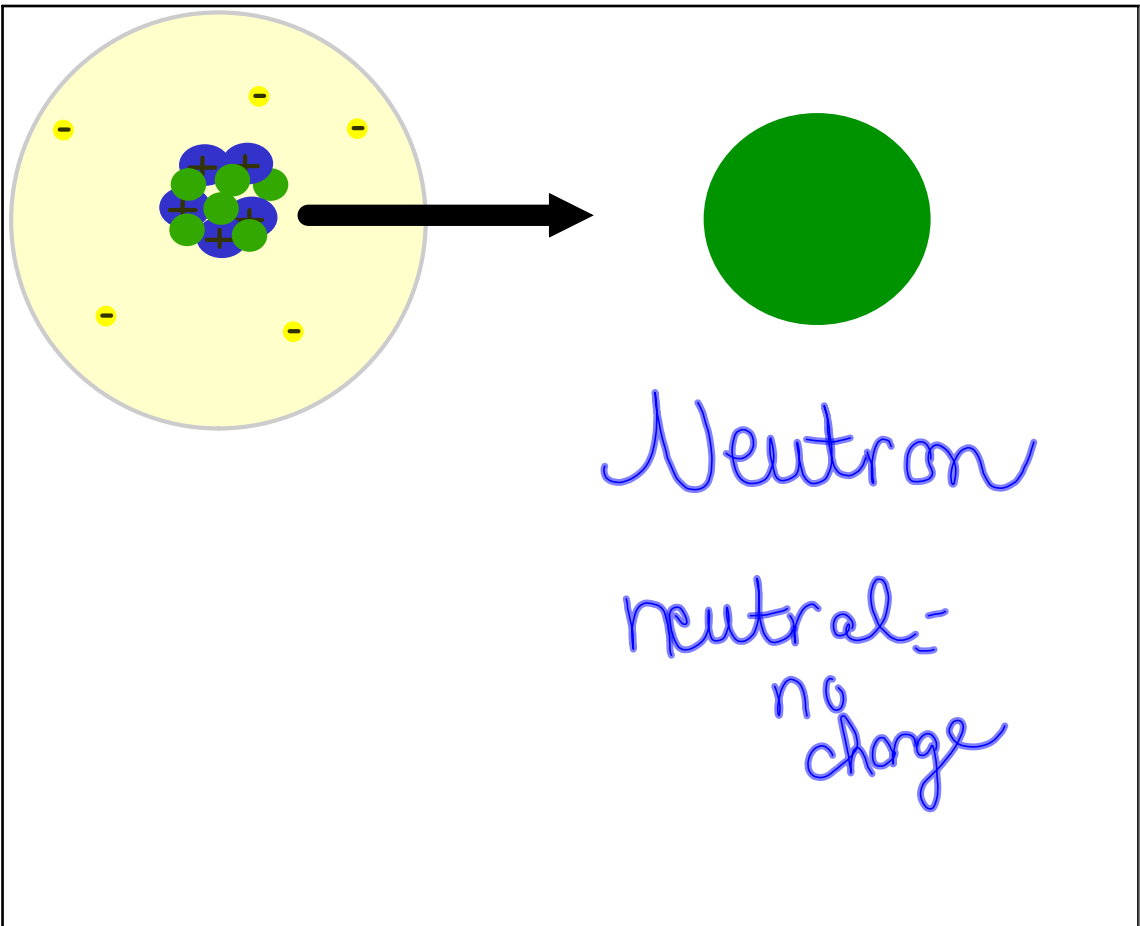
Atom- the smallest
unit of matter



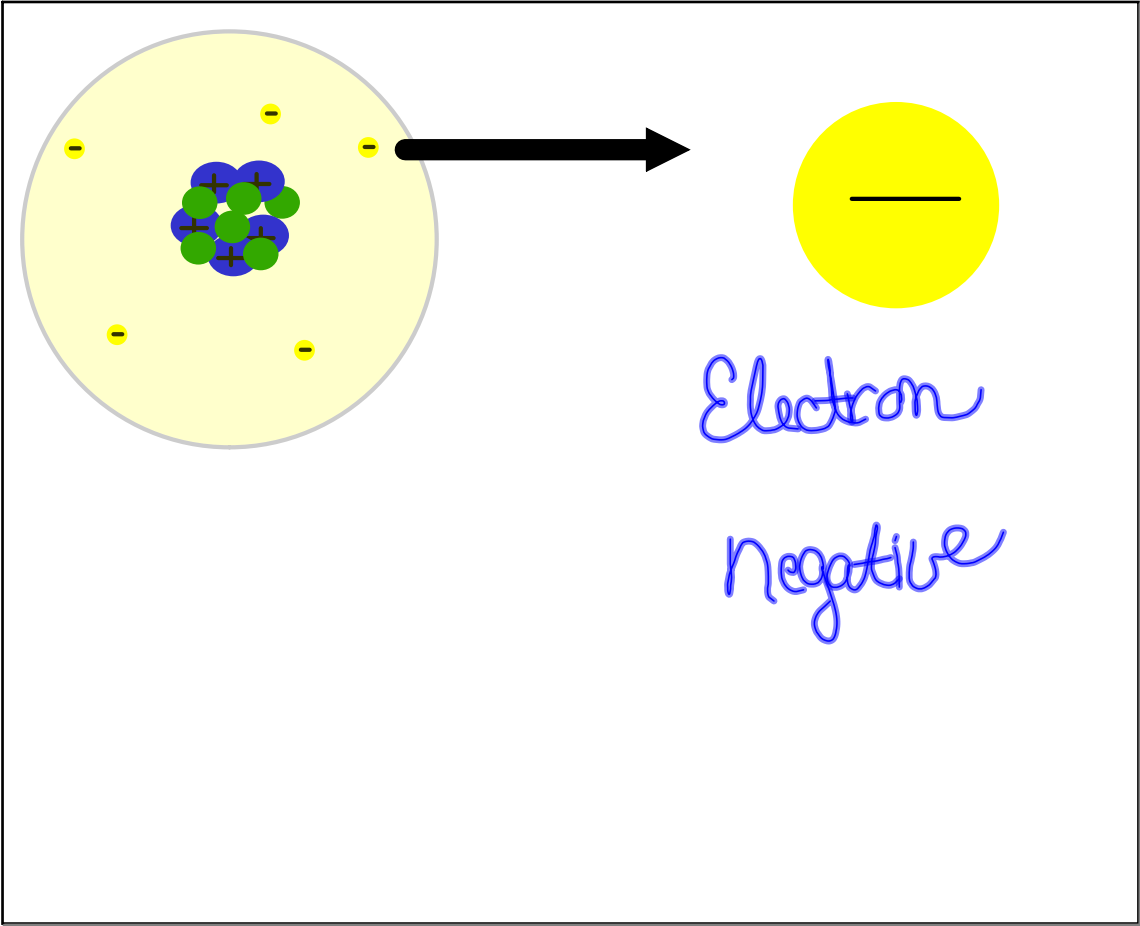
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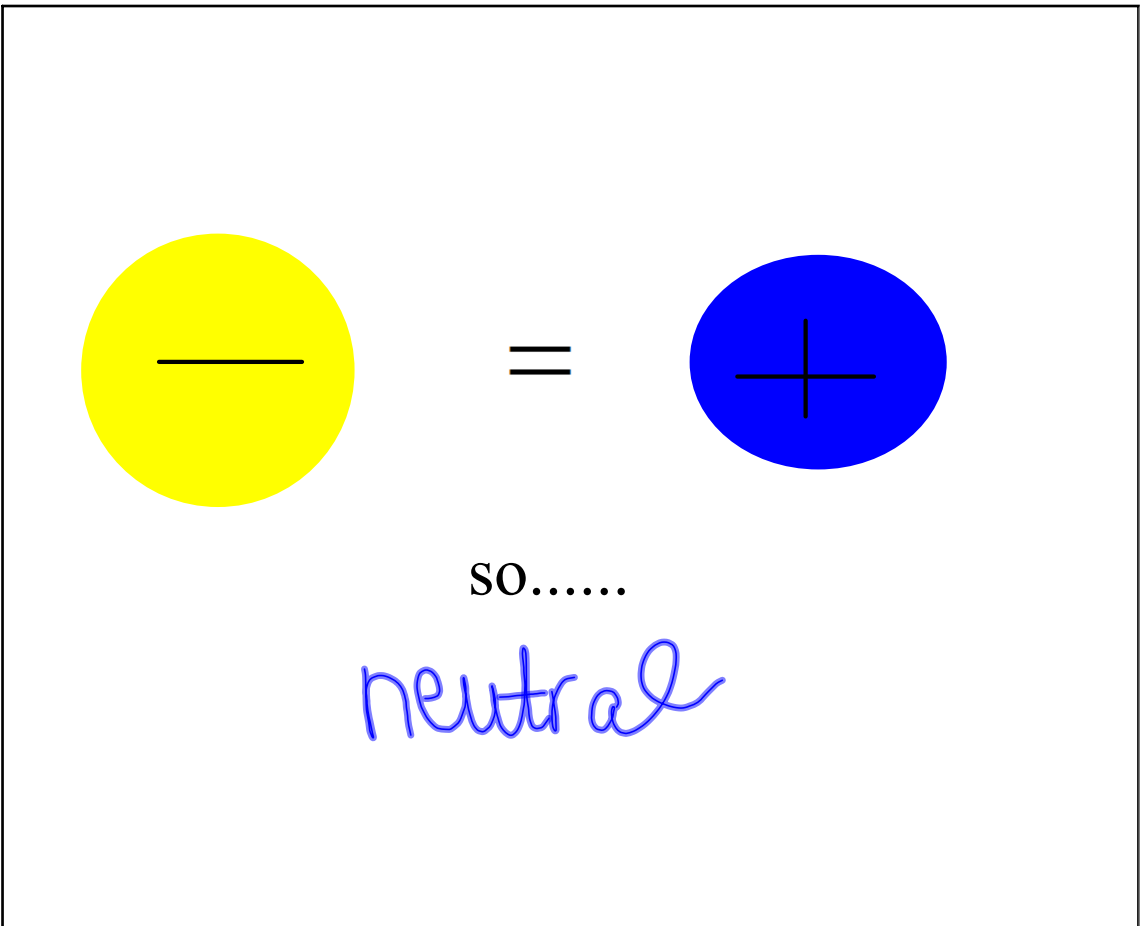
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1																	2										
3	4											5	6	7	8	9	10										
11	12											13	14	15	16	17	18										
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36										
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54										
55	56	57	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86										
87	88	89	104	105	106	107	108	109																			
														58	59	60	61	62	63	64	65	66	67	68	69	70	71
														90	91	92	93	94	95	96	97	98	99	100	101	102	103

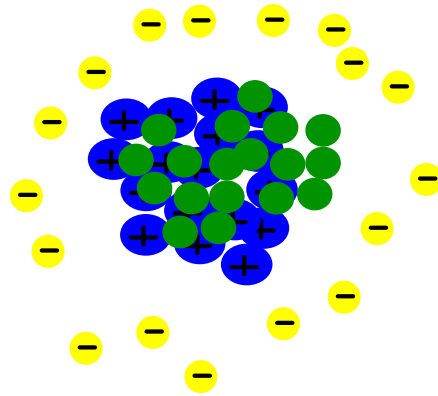
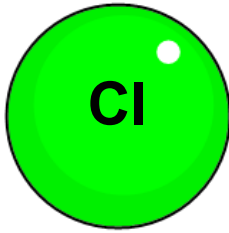
Periodic table - blank

H Hydrogen																	He Helium														
Li Lithium	Be Beryllium											B Boron	C Carbon	N Nitrogen	O Oxygen	F Fluorine	Ne Neon														
Na Sodium	Mg Magnesium											Al Aluminum	Si Silicon	P Phosphorus	S Sulfur	Cl Chlorine	Ar Argon														
K Potassium	Ca Calcium	Sc Scandium	Ti Titanium	V Vanadium	Cr Chromium	Mn Manganese	Fe Iron	Co Cobalt	Ni Nickel	Cu Copper	Zn Zinc	Ga Gallium	Ge Germanium	As Arsenic	Se Selenium	Br Bromine	Kr Krypton														
Rb Rubidium	Sr Strontium	Y Yttrium	Zr Zirconium	Nb Niobium	Mo Molybdenum	Tc Technetium	Ru Ruthenium	Rh Rhodium	Pd Palladium	Ag Silver	Cd Cadmium	In Indium	Sn Tin	Sb Antimony	Te Tellurium	I Iodine	Xe Xenon														
Cs Cesium	Ba Barium	La Lanthanum	Hf Hafnium	Ta Tantalum	W Tungsten	Re Rhenium	Os Osmium	Ir Iridium	Pt Platinum	Au Gold	Hg Mercury	Tl Thallium	Pb Lead	Bi Bismuth	Po Polonium	At Astatine	Rn Radon														
Fr Francium	Ra Radium	Ac Actinium	Rf Rutherfordium	Db Dubnium	Sg Seaborgium	Bh Bohrium	Hs Hassium	Mt Meitnerium																							
																		58	59	60	61	62	63	64	65	66	67	68	69	70	71
																		Ce Cerium	Pr Praseodymium	Nd Neodymium	Pm Promethium	Sm Samarium	Eu Europium	Gd Gadolinium	Tb Terbium	Dy Dysprosium	Ho Holmium	Er Erbium	Tm Thulium	Yb Ytterbium	Lu Lutetium
																		90	91	92	93	94	95	96	97	98	99	100	101	102	103
																		Th Thorium	Pa Protactinium	U Uranium	Np Neptunium	Pu Plutonium	Am Americium	Cm Curium	Bk Berkelium	Cf Californium	Es Einsteinium	Fm Fermium	Md Mendelevium	No Nobelium	Lr Lawrencium

Chemistry WebElements Periodic Table

Periodic table

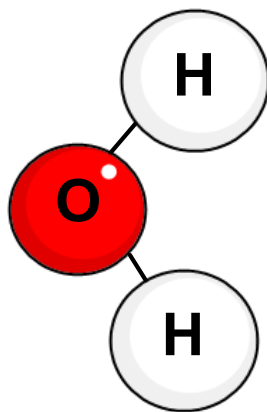
Element- a substance made of only one kind of atom and therefore pure



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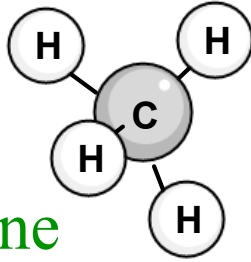
Compound- a substance made of two joined atoms of one or more elements

Salt

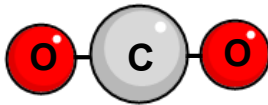


Water

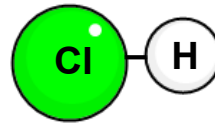
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Methane



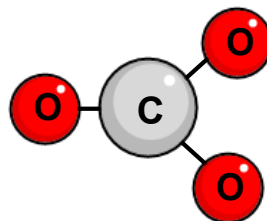
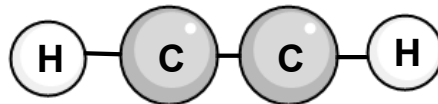
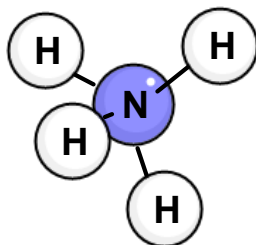
carbon dioxide



hydrochloric acid

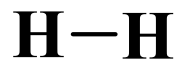
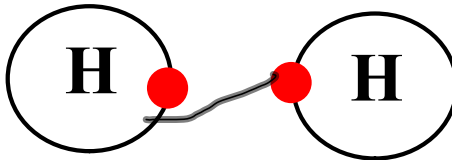
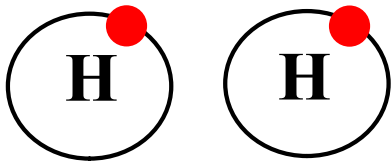
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Molecule- a groups of atoms held together by covalent bonds

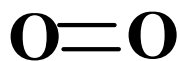
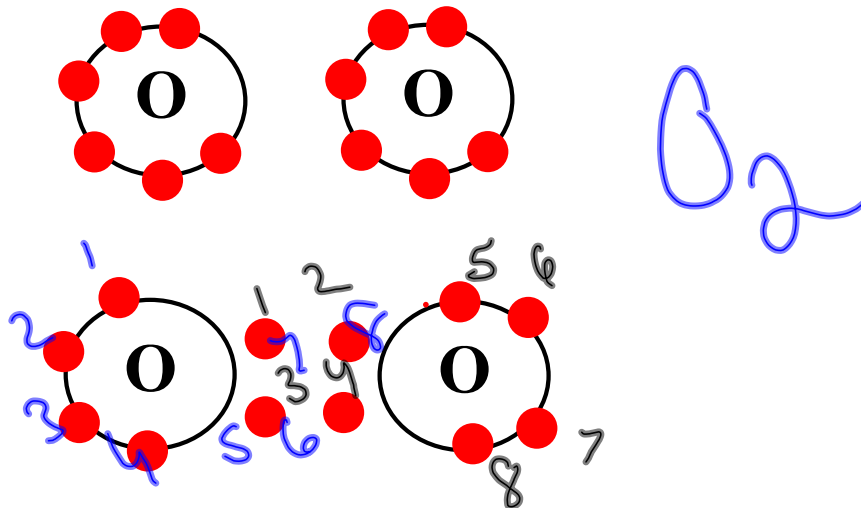


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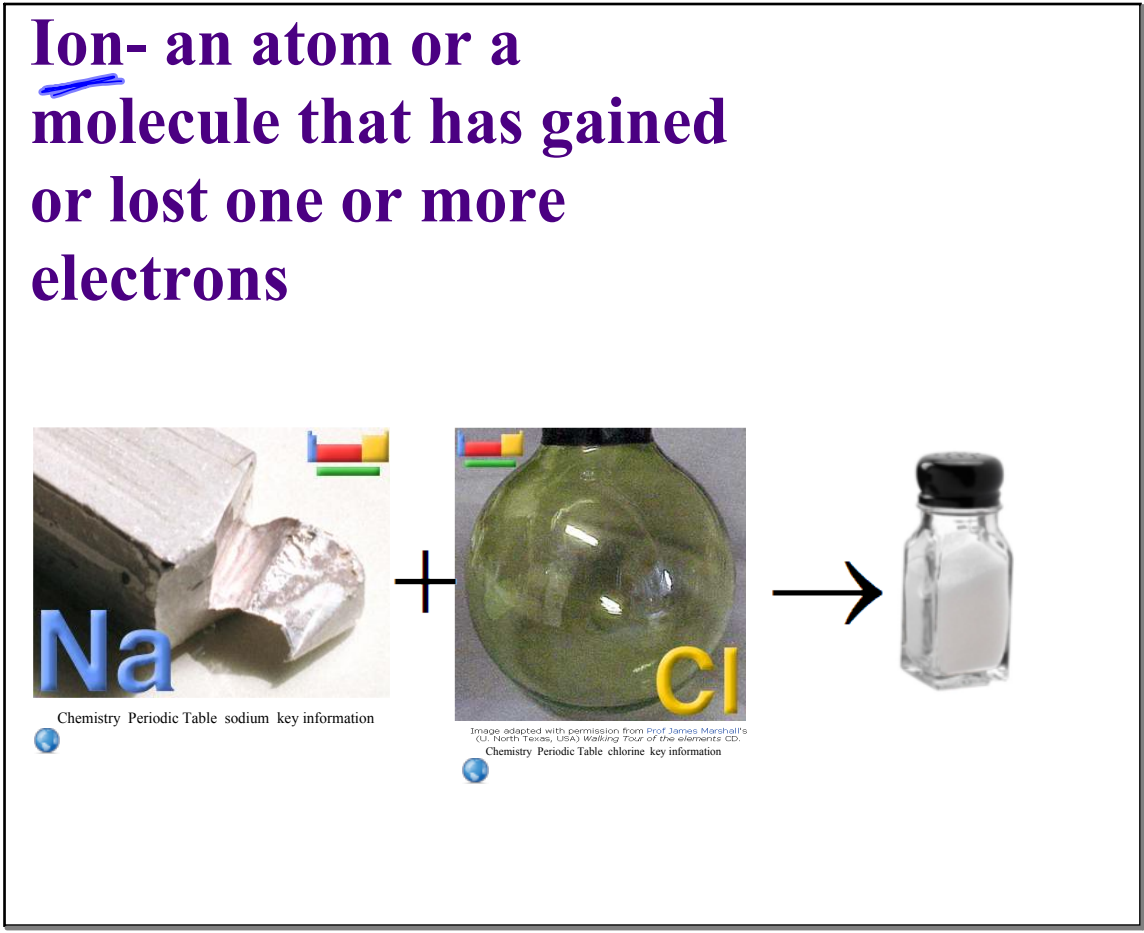
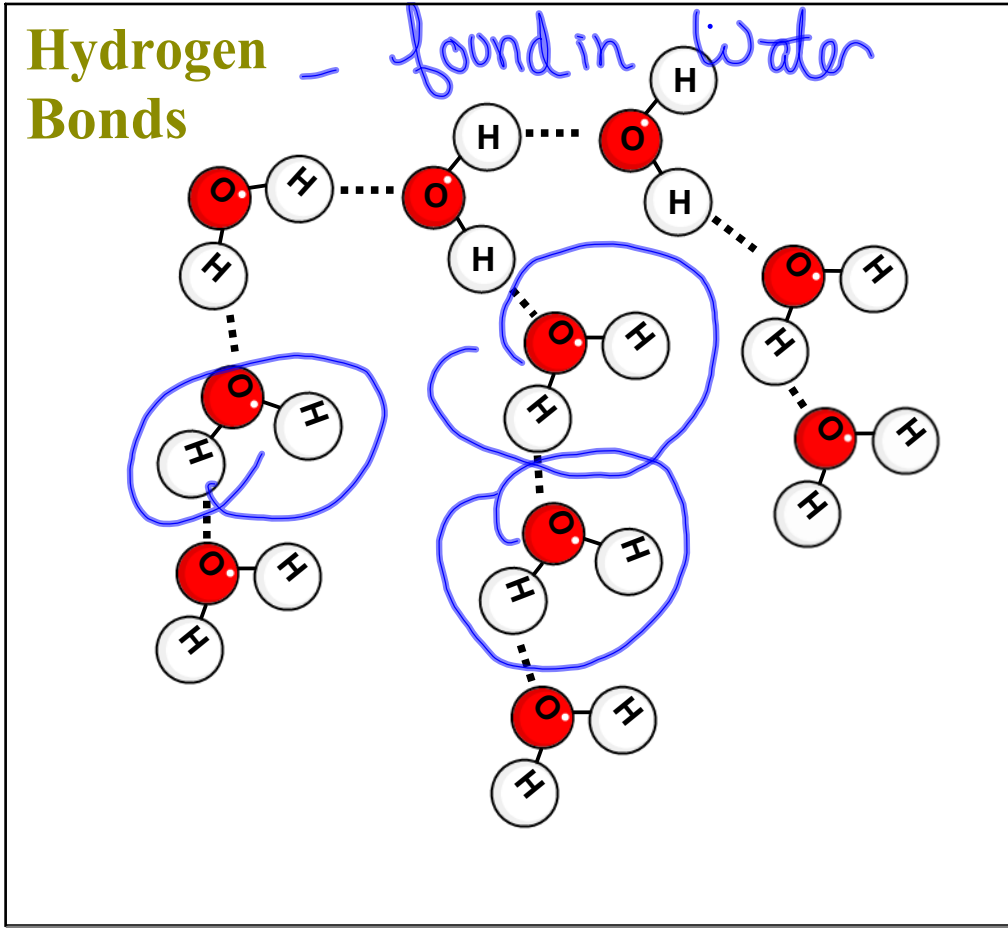
Covalent bond - share electrons

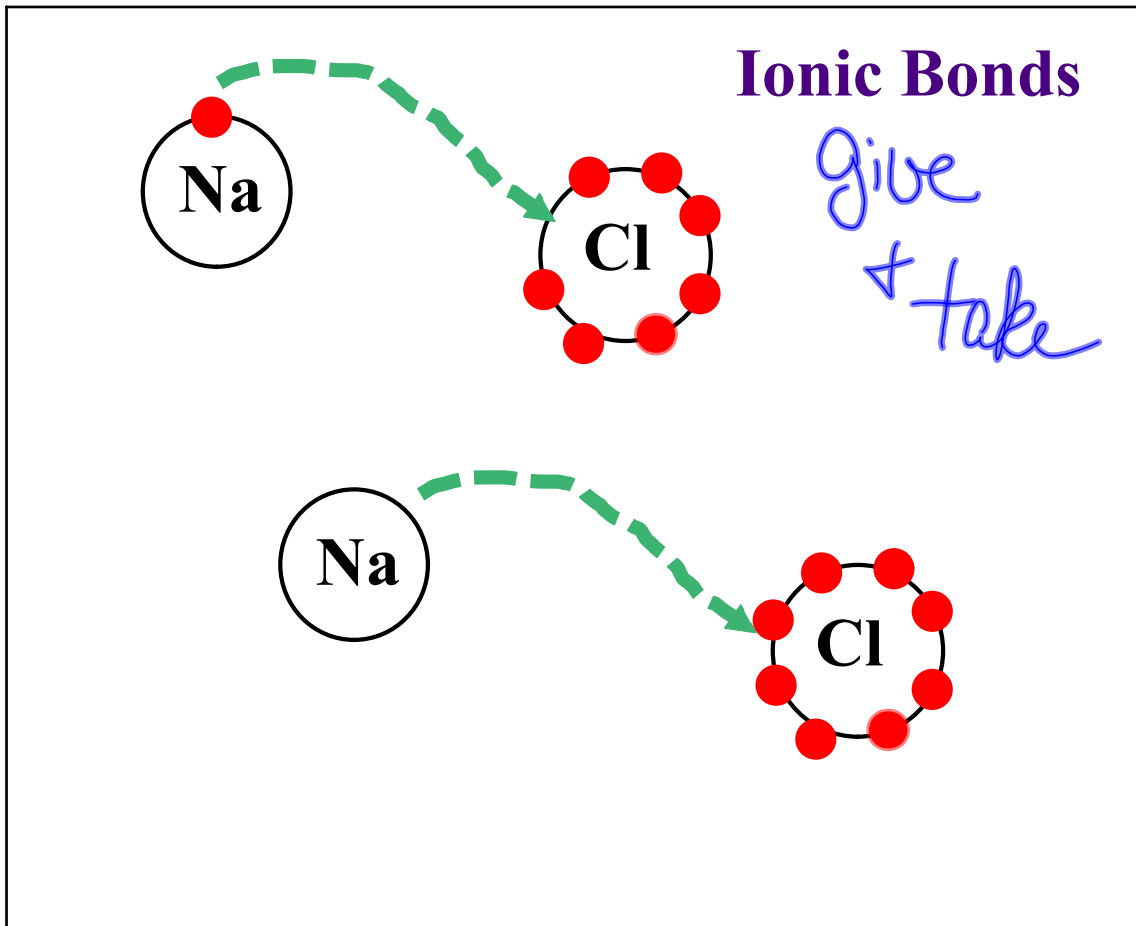


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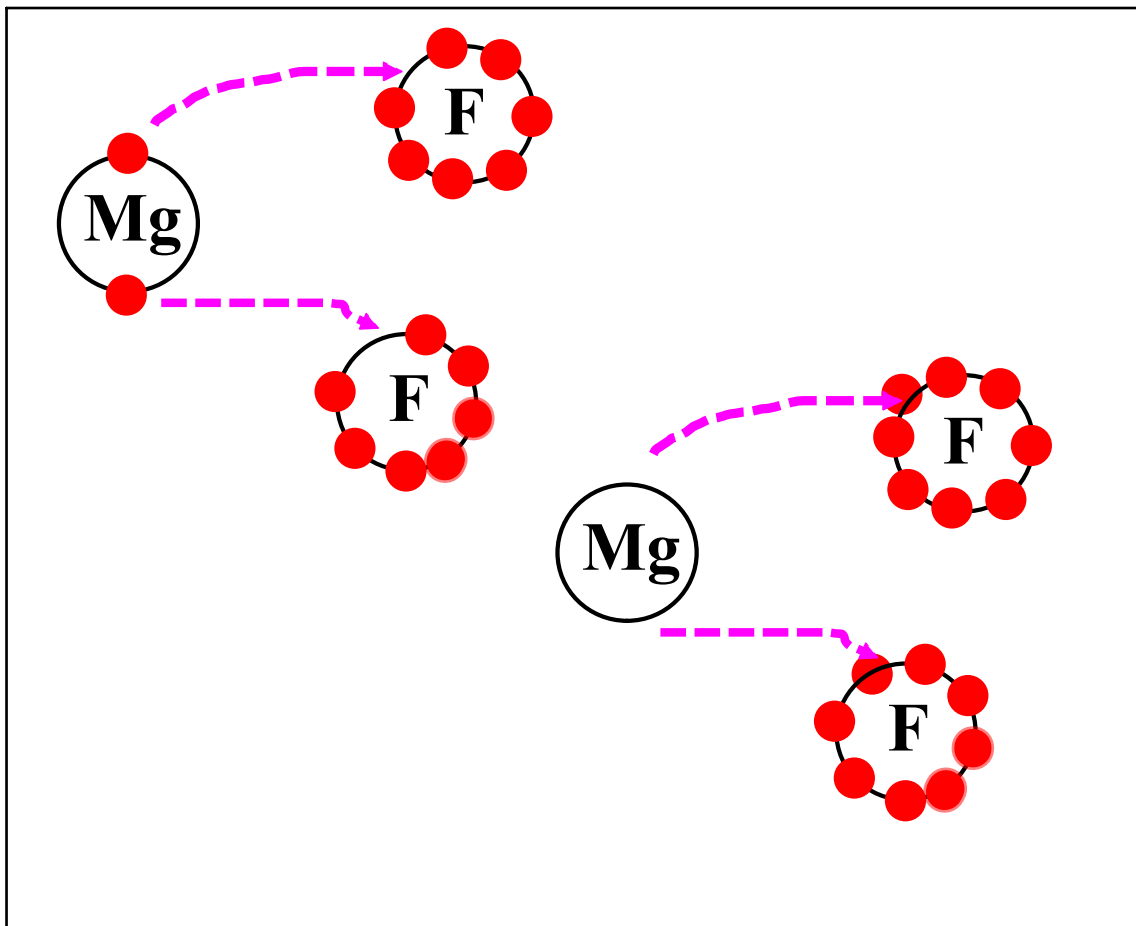


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Sep 7 - 11:00 AM



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