

tea + sugar

Solvent

Solute

" Usually the
Smaller amount
of the two "

gas solution

N_2 solvent

O_2 solute

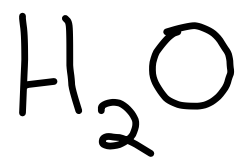
gas and liquid solution-

Soda

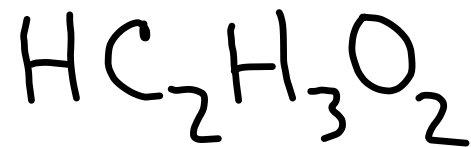
H_2O solvent

CO_2 solute

liquid and liquid solution



Solvent



Solute

Solid and liquid

Bleach

H_2O	solvent
ClO_2^-	chlorine tablets

dental amalgam

Hg (x) Solute

Ag Solvent

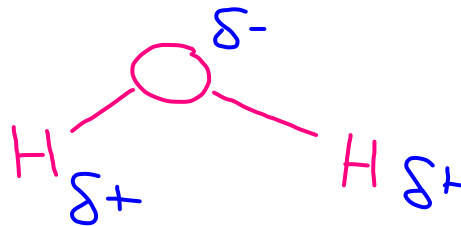
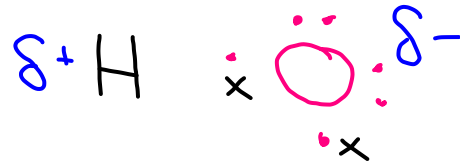
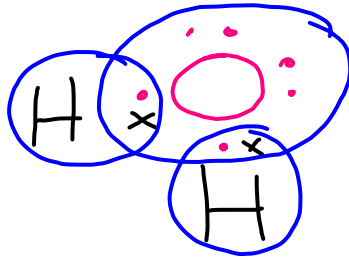
Solid and solid

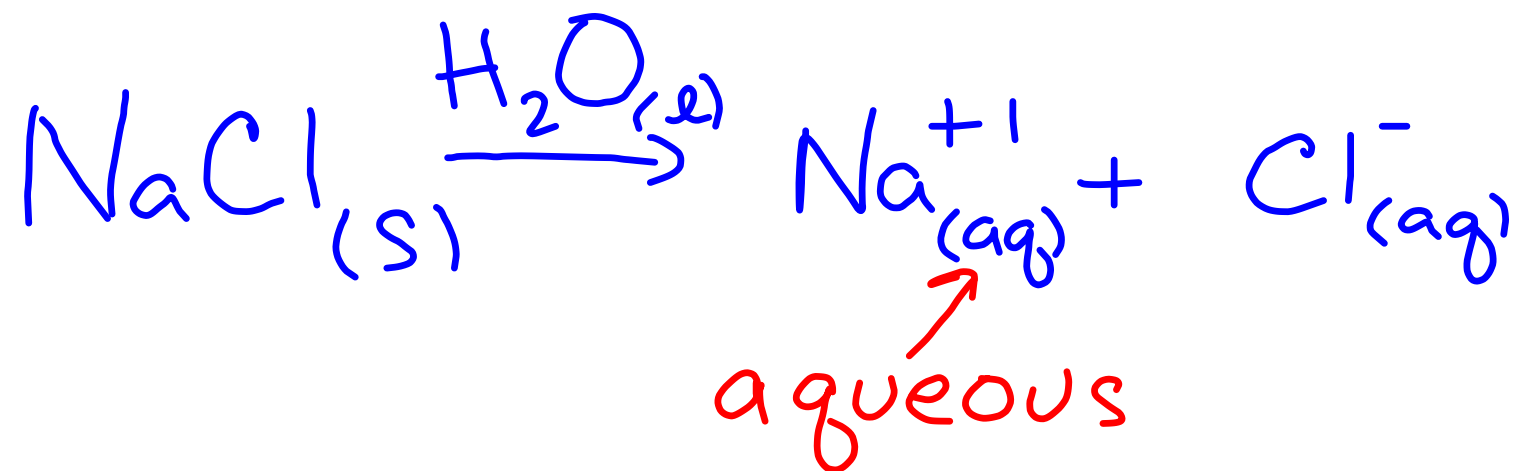
Steel	carbon solute	iron solvent
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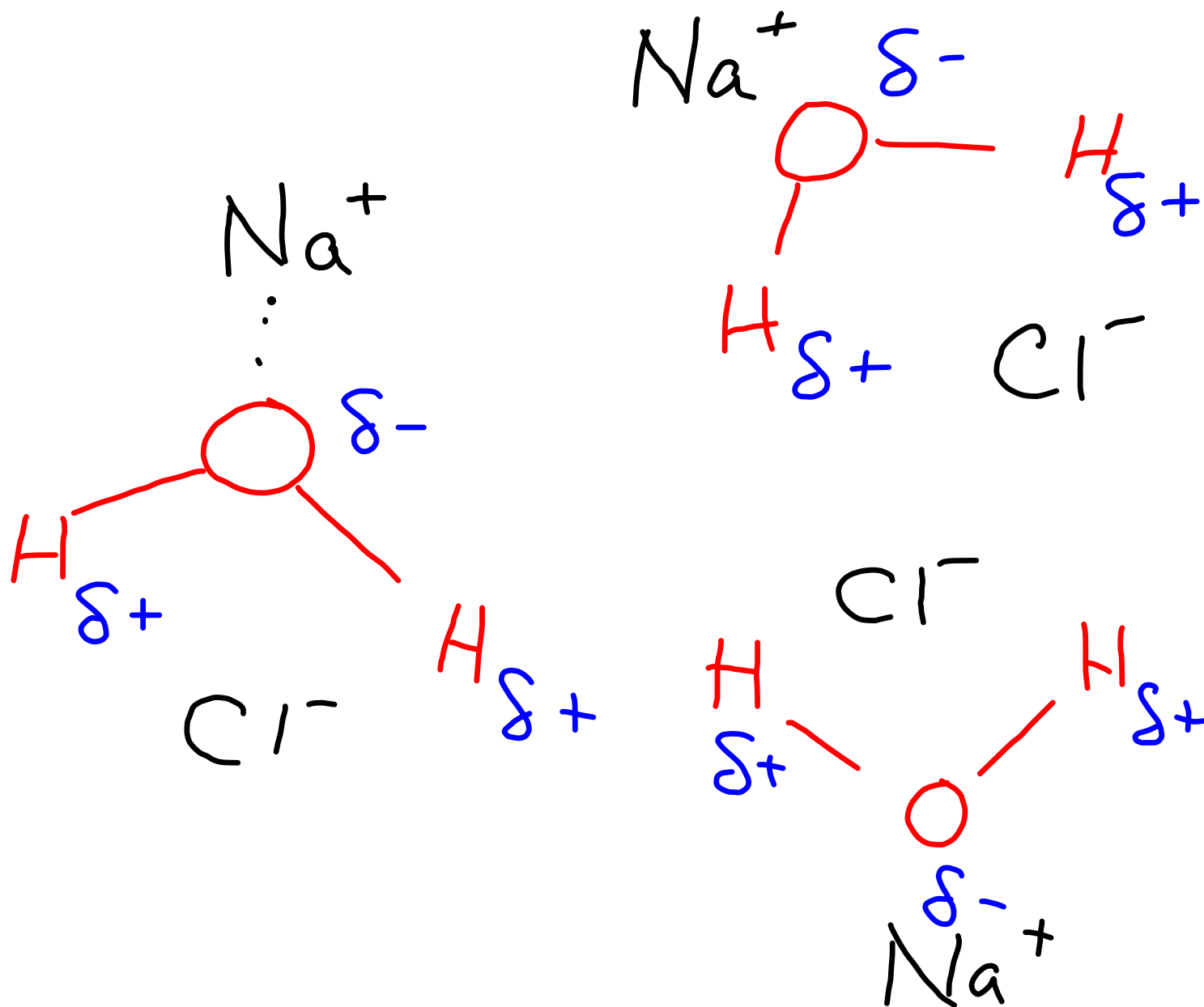
brass	zinc solute	copper solvent
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Universal solvent =
 H_2O

Water is polar





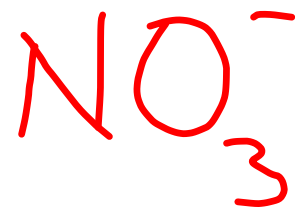
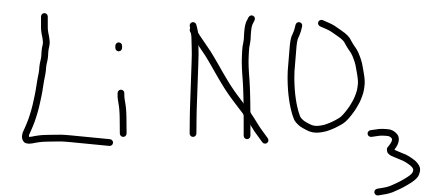


"Like dissolves like"

polar dissolves in polar

- Salts dissolve in water
- Sugar dissolves in water

nonpolar dissolves in nonpolar
oil in gasoline



7.1, 7.5, 7.11, 7.23
7.27

Electrolytes -
conducts electricity

All salts and acids
conduct electricity in H_2O .