ATOMS AND BONDING

IONIC BONDS:

- 2 atoms with opposite charges attract
- EX: sodium and chloride (have a 1:1 ratio)

COVALENT BONDS:

- -2 atoms share one or more pairs of outer shell electrons
- EX: connects 2 hydrogen atoms

Nonpolar:

- -electrons are shared evenly
- -both compounds will be close in electronegativity

-pulling of shared, negatively charged electros Sale.co.uk
-makes the atom partially

npound that removes an H+ nomethe solution

-basic solutions called alkaline

BUFFERS: a substance that minimizes changes in PH level

- Removes an H+ when there is too many, but donates an H+ when there are too few)
- EX: carbonic acid (located in the blood stream)
- EX: sodium bicarbonate(located in the pancreas)

PROPERTIES OF WATER

-the overall charge of a water molecule is polar(the bonds between hydrogen and oxygen are polar)

-allows water to be a UNIVERSAL SOLVENT

Cohesion: the attraction of water molecules

Adhesion: the attraction of water molecules to other things