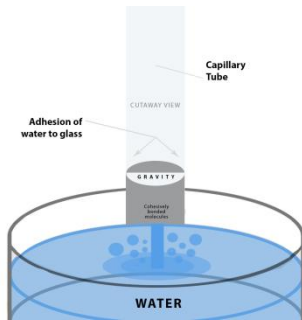


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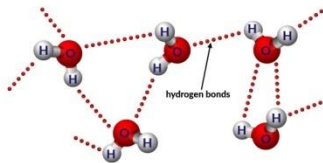
Clue/Hint

Definition

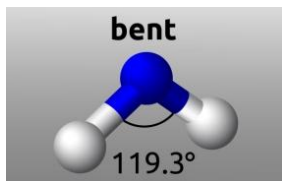


Adhesion

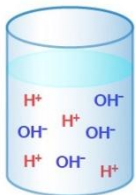
Cohesion



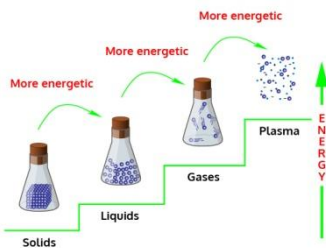
Latent heat



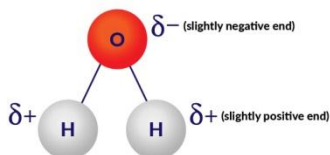
Molecular geometry



Neutral



Phase change

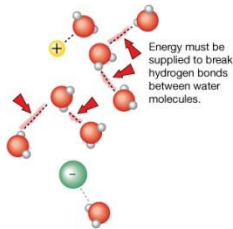
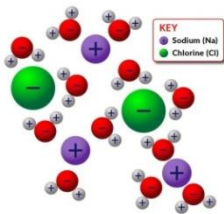


Polar molecule

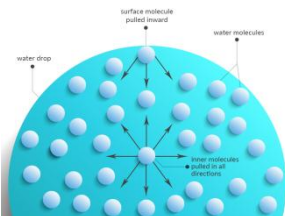
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SOLUTION



SURFACE TENSION IN A WATER DROPLET



Solute

Solution

Solvent

Specific heat capacity

Surface tension

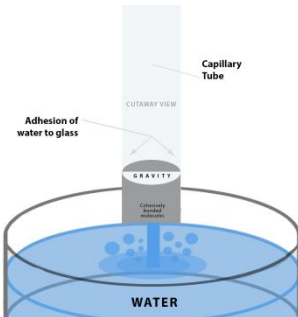
Universal solvent

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Answers:

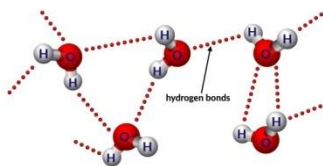
Clue/Hint

Definition



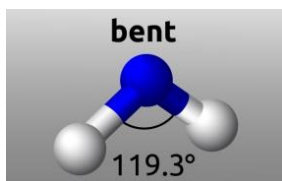
Adhesion

The attraction between molecules of different types e.g. glass and water.



Cohesion

The attraction between molecules of the same type e.g. two water molecules.

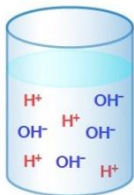


Latent heat

The amount of energy required to melt or boil 1 gram of substance.

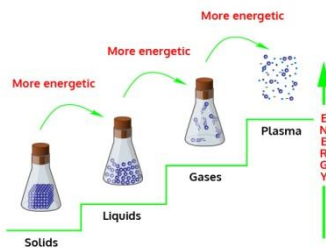
Molecular geometry

The shape a molecule takes as a result of the repulsion of its valence electrons.



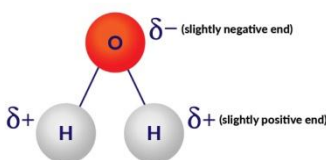
Neutral

Substances which have the same number of hydrogen and hydroxide ions and are therefore pH 7.



Phase change

When a substance changes from a solid to a liquid, liquid to a gas etc due to the addition or removal of heat energy.



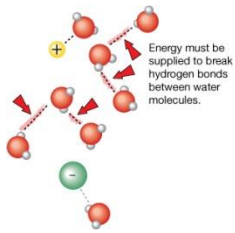
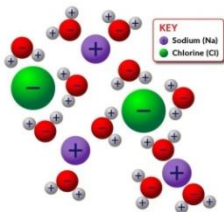
Polar molecule

A molecule which has a region of slight positive charge and slight negative charge.

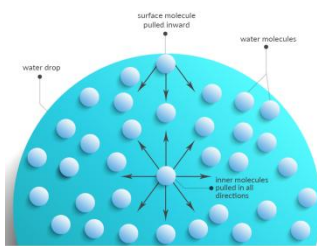
Properties of Water Vocabulary Worksheet – Teacher Edition



SOLUTION



SURFACE TENSION IN A WATER DROPLET



Solute

The solid substance which is dissolved into the solvent.

Solution

When a solute is dissolved evenly into a solvent.

Solvent

The liquid substance which dissolves the solute.

Specific heat capacity

The amount of energy required to change the temperature of 1 gram of a substance by 1 degree Celsius.

Surface tension

The ability of a liquid to take up the minimum surface area possible.

Universal solvent

A substance which is able to all other polar and/or covalent molecules.