

Particle model

Unscramble the phrases in the table to make the correct definitions for the key terms listed in column A (phrases can be used once, more than once, or not at all). Then write out the definitions in full, in the spaces provided below the table.

A	B	C	D	E
A solute	is when a liquid is heated,	gains energy and turns into a gas; this	solute to	the boiling point.
A solvent	is a substance that	when	a solute dissolves	
A solution	is when the surface of a liquid	energy is transferred from the gas to	a solvent to	make a solution.
Condense	is when a gas is cooled,	dissolves the	can happen below	the gas turns into a liquid.
Evaporate	is the mixture produced	gains energy and turns	the gas' surroundings and	in a solvent.
Boil		dissolves in	into a gas,	at its boiling point.

A solute _____

A solvent _____

A solution _____

Condensation _____

Evaporation _____

Boil _____

Connection completion

Choose the letter from the table below which contains the correct row of connective words to complete these sentences.

Evaporation and boiling _____ involve liquids changing state to become gases. _____, boiling happens to all of a liquid at once and occurs only when the liquid reaches its boiling point. _____, evaporation can happen below the boiling point of a liquid but only to the particles at the surface of the liquid.

A	hence	So	Thus
B	both	However	Whereas
C	nevertheless	But	Hence
D	could	Consequently	As a result