

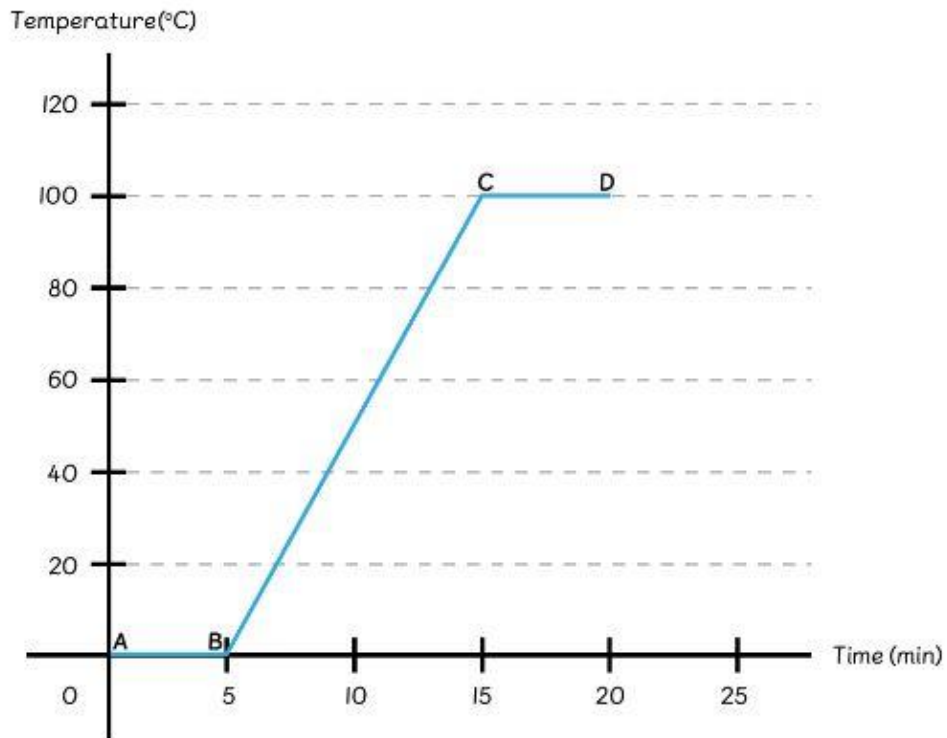
Practice Worksheet

I. Tick (✓) the correct box beside each sentence.

	True	False
The melting point of water is 0°C.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
When water is left to boil, the temperature of water increases beyond 100°C.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
When water changes into ice, it expands.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Some solids have the ability to dissolve in some liquids.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water can dissolve many substances.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A solution forms when a solute is dissolved in a solvent.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The particle model can be used to describe solutions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Once a solution is formed, the solute and solvent cannot be separated.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Salt cannot be separated from salt solution by filtration.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Some ice cubes are heated in a beaker placed over a burner. The temperature changes are shown in the line graph below.

Changes in Temperature



(a) At which point has all the ice melted? Point B

(b) At which point did the water start to boil? Point C



3. Complete the sentences using the words below.

solute

solution

solvent

(a) A solid that dissolves in a liquid is known as the .

(b) The liquid in which solids dissolve is the .

4. Hassan collected some seawater near a beach. There is a mixture of salt and sand in it.

He separated the sand from the seawater as shown in the diagram.



(a) This method is known as .

(b) What can Hassan do to separate the salt from the seawater?