

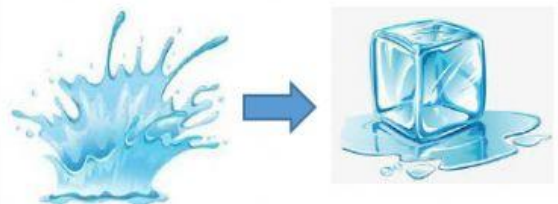
Name :

Date :

|               |                |
|---------------|----------------|
| boiling point | 0°C            |
| 100°C         | freezing point |

|                                                                                          |                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (a)<br> | <ul style="list-style-type: none"><li>• In the freezing process, water will start changing to ice when it reaches _____.</li><li>• The freezing point of water is _____.</li></ul>    |
| (b)<br> | <ul style="list-style-type: none"><li>• In the boiling process, water will start changing to water vapour when it reaches _____.</li></ul> <p>The boiling point of water is _____</p> |

Fill the blanks with correct answer.

|                                                                                                    |                                                                                                     |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <br>Situation X | <br>Situation Y |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|

(a) Which situation shows that the water is gaining heat?

\_\_\_\_\_

(b) Which situation shows that the water is losing heat?

\_\_\_\_\_

(c) State the effect on a substance when :

i) it gains heat : Substances become \_\_\_\_\_

ii) it loses heat : Substances become \_\_\_\_\_

(d) State the temperature of a substance when :

i) it gains heat : Temperature of a substance \_\_\_\_\_

ii) it loses heat : Temperature of a substance \_\_\_\_\_