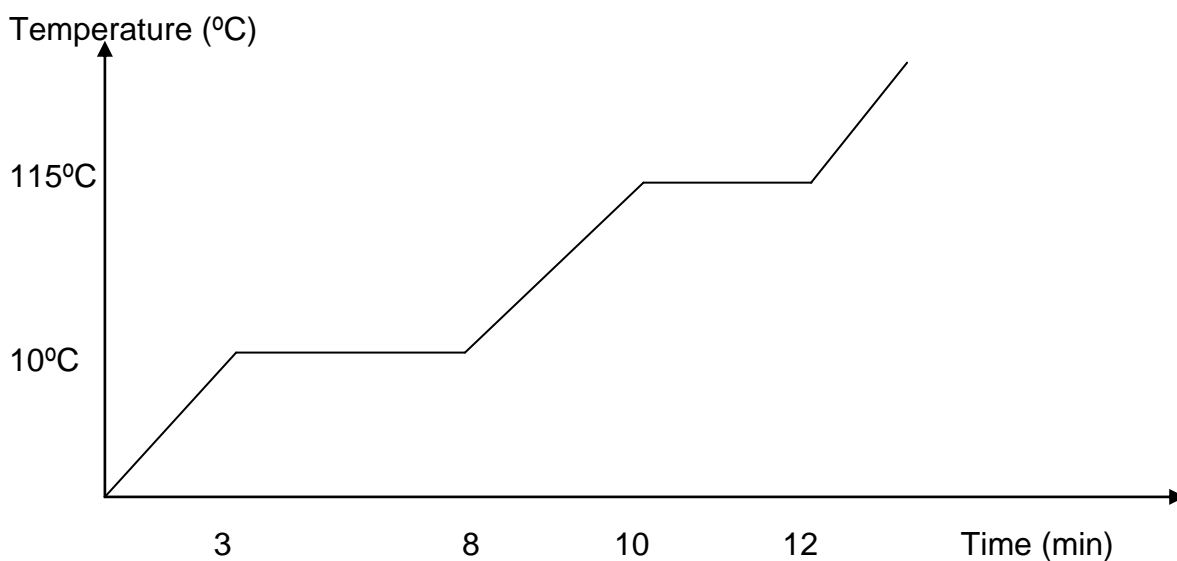


1.- The figure in the graph demonstrates the heating curve of a pure substance. It represents the increase in temperature of a solid until it begins to melt and change into a liquid that begins to boil.



- Label the graph where the substance changed states of matter
- What is the melting point of the substance?
- What is the boiling point?
- What happened with the temperature while the solid was melting?

2.- A liquid at 80°C is left in the kitchen found at 10°C. Look at the data table:

Time (min)	0	2	4	6	8	10
Temperature (°C)	80	78	76	74	72	70

- Draw a graph with the temperature (°C) and its corresponding time (min).
- Write down the corresponding equation.
- What temperature will the liquid be at 5 minutes?
- How long will it take until the liquid reaches 10°C?

