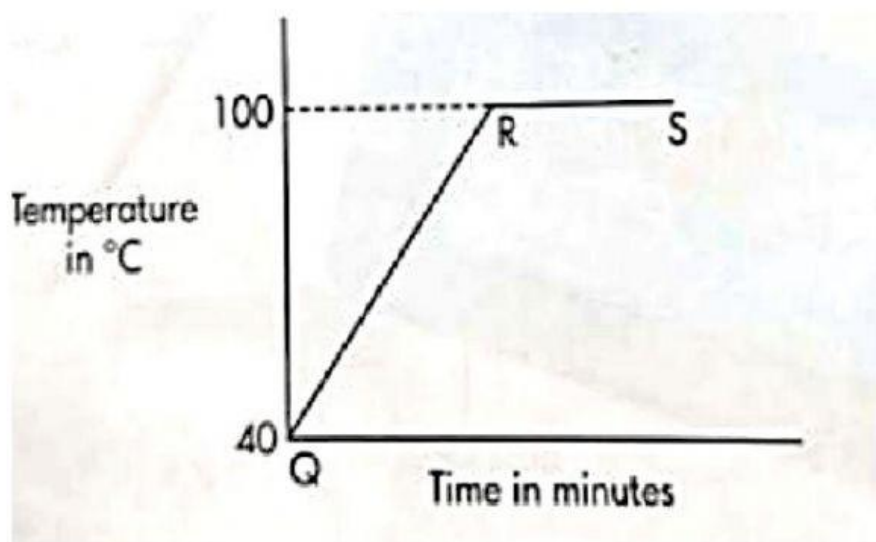




Boiling and Melting

Look at the picture. Laila used the results of her experiment to draw this graph.



Study the graph. Discuss the following:

1. What was the temperature of the water before it was heated?

2. Which part of the graph, QR or RS, shows when the temperature of the water was rising?

3. Which part of the graph, QR or RS, shows when the temperature of the water remained the same as it was heated? What was this temperature?

4. What was happening to the water from R to S in the graph?

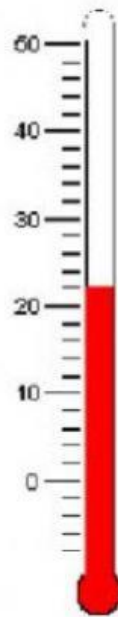
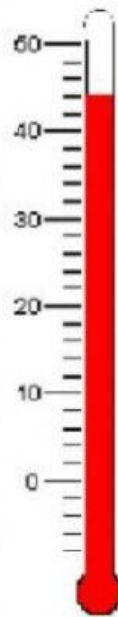
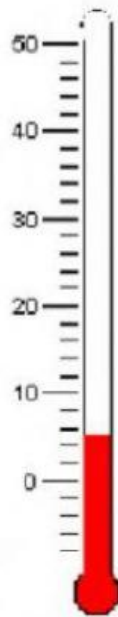
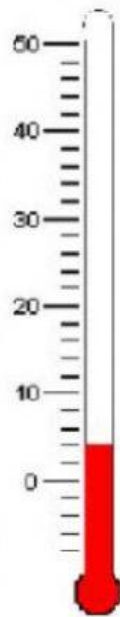
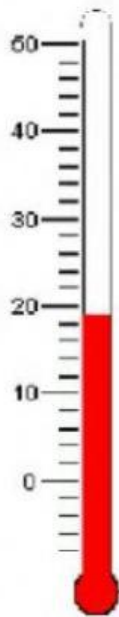
Change from liquid to gas	QR
RS, 100 degrees Celsius	40 degrees Celsius

Answer the questions.

1. _____ is the temperature at which a substance changes from a liquid to gas.
2. The boiling point of water is at _____ degree Celsius.
3. _____ is the temperature at which a substance changes from a solid to liquid.
4. The melting point of water is at _____ degree Celsius.
5. A _____ is an instrument that measures temperature.
6. When water gains heat, temperature _____.
7. Boiling is a process where _____ change into _____.
8. Melting is a process where _____ change into _____.

melting point	rises	0
solid	boiling point	liquid
100	thermometer	gas
liquid		

Find the temperature for each thermometer.



22°C	19°C	44°C	4°C	5°C
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