

Task - cooling homework

A student recorded the temperature every minute while a liquid substance cooled.

1. Draw a graph to show these results.
2. Draw a curve of best fit, ignoring any anomalous results.
3. Explain the shape of the curve.
4. Explain why a line graph is the best way of showing these results.
5. What would you expect to see on the graph if the liquid was cooled to form a solid?

Time/ min	Temp (°C)
0	90.0
1	76.0
2	65.0
3	56.0
4	55.0
5	54.5
6	48.0
7	42.5
8	48.0
9	34.0
10	31.0

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