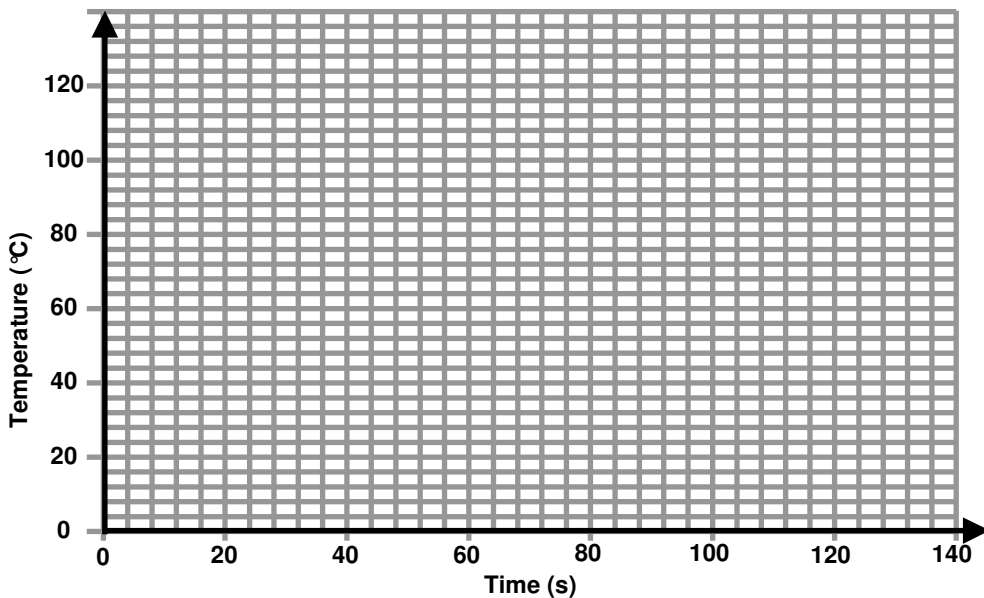


Fuels – Homework 1

A burner full of fuel was used to heat up a beaker of water. The temperature was measured every 10 seconds. The results are shown in the table below.

Time (s)	Temperature (°C)
0	28
10	35
20	41
30	48
40	57
50	64
60	73
70	78
80	82
90	85
100	87
110	95
120	100
130	99
140	100

Use the graph paper below to draw a line graph of these results.

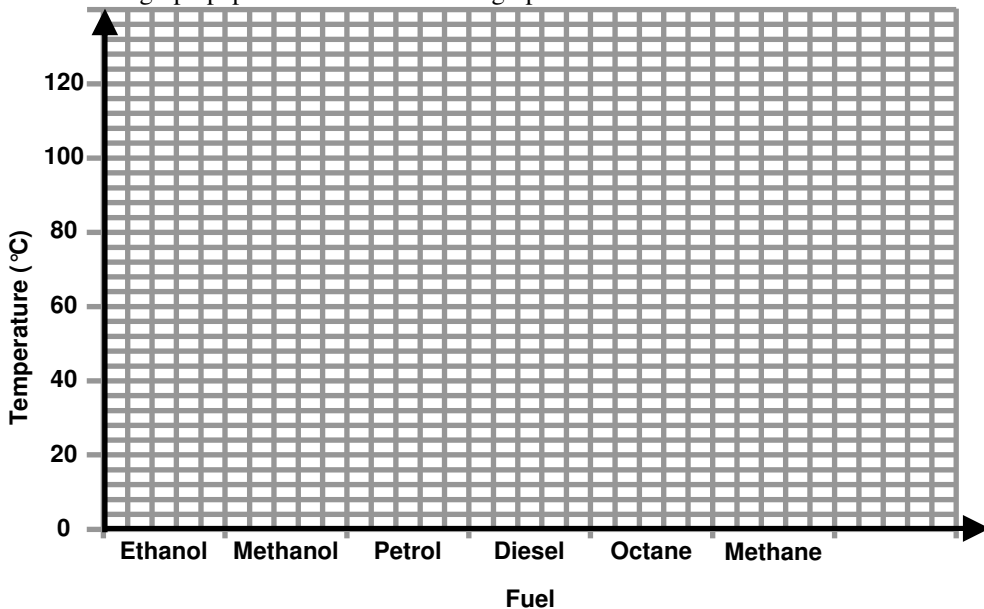


NB: Check your graph has **axes, axis labels, units, scales, points** and a **“best fit”** line!

Four fuels were used to heat up 4 beakers of water. They were allowed to heat for 2 minutes before a final temperature was measured in each beaker. The results are shown in the table below.

Fuel	Final Temperature (°C)
Ethanol	76
Methanol	45
Petrol	90
Diesel	50
Octane	85
Methane	70

Use the graph paper below to draw a bar graph of these results.



NB: Check your graph has **axes**, **axis labels**, **units**, **a scale** and **bars**.