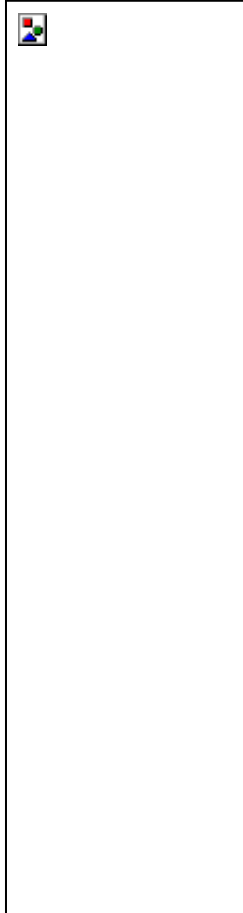


Temperature differences (use a number line)

Q1.

This thermometer shows temperatures in both °C and °F.



Work out what **25°C** is in °F.

A large blank rectangular area for working out the conversion. In the top-left corner, there is a small icon of a thermometer with a red bulb and a green bulb.

2 marks

Q2.

This table shows the temperature at 9 am on three days in January.

1st January	8th January	15th January
+5°C	−4°C	+1°C

What is the difference between the temperature on 1st January and the temperature on 8th January?



1 mark

On 22nd January the temperature was 7 degrees lower than on 15th January.

What was the temperature on 22nd January?



1 mark

M1.Award **TWO** marks for the correct answer of 77°F.If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- $86 - 68 = 18$
 $18 \div 2 = 9$
 $9 + 68$

OR

- $86 - 68 = 18$
 $18 \div 2 = 9$
 $86 - 9$

OR

- $86 + 68 = 154$
 $154 \div 2$

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2m

[2]**M2.**

(a) 9

***Do not** accept -9 or 9-*

1

(b) -6

***Do not** accept 6-*

1

[2]