

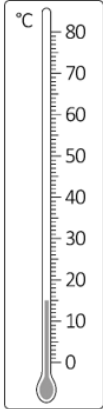
Non-calculator Questions

NCFE

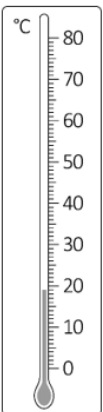
1.

Ruby thinks it is cold in the library.

She checks the temperature.



Ruby checks the temperature again an hour later.



Ruby thinks it has got colder.

Is she correct?

Give a reason for your answer

[2 marks]

No, the new temperature is near 20, higher.

Entry 2 Temperature Exam Questions

Open Awards

2.

(2 marks)

Ashley is feeling unwell.

Ashley's temperature yesterday was 37 degrees.

The thermometer shows Ashley's temperature today.



How many **degrees higher** is Ashley's temperature today than it was yesterday?

Show your workings.

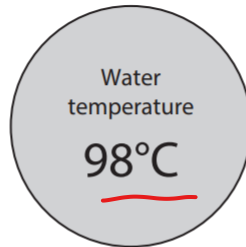
$$40 - 37 = 3$$

Calculator Questions

Edexcel

1.

Alex looks at the water temperature gauge in his car.



The normal water temperature is 79°C.

How much hotter is the water than normal?

(2)

Show your working and your answer in the box below.

98
- 79

19

19 °C

NCFE

2.

Jay needs to plant some seeds outside.

He checks the weather forecast.

	Temperature	Rain
Monday	8°C	• yes
Tuesday	9°C	no
Wednesday	8°C	• yes
Thursday	12°C	• yes
Friday	11°C	no
Saturday	14°C	- yes
Sunday	9°C	no

Jay wants to plant the seeds on days when there is rain and when the temperature is more than 10°C

Which days will he choose?

[2 marks]

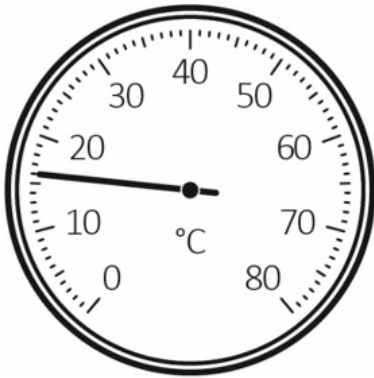
Thursday and Saturday

3.

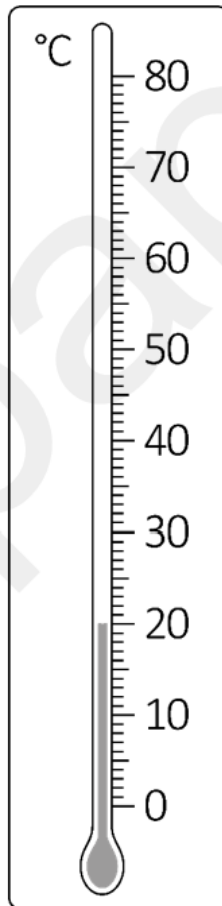
Jon feels cold when he gets home.

He checks the temperature in his lounge and the temperature in his bedroom.

lounge



bedroom



What is the temperature of the warmer room?

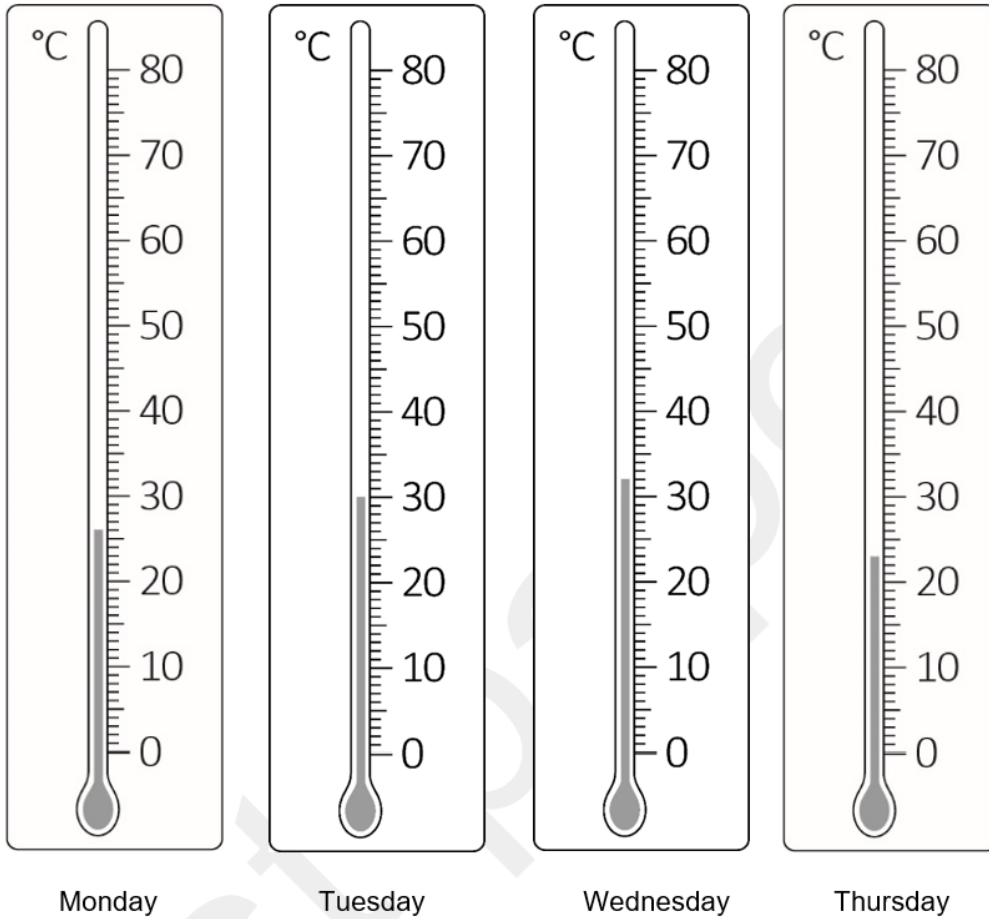
[1 mark]

20°C

Entry 2 Temperature Exam Questions

4.

Plants need extra water when the temperature is more than 30 °C



Lee thinks the plants need extra water on Monday.

Is Lee correct?

Give a reason for your answer.

[2 marks]

No, on Monday the temperature is below 30°C.

City & Guilds

5.

A man brings his rabbit to the vet.

The vet nurse checks the temperature of the rabbit.



The temperature measures 103°F.

A healthy rabbit has a temperature of 100.5°F to 103.5°F
 The rabbit's owner asks the nurse if the rabbit is healthy.

Is the rabbit healthy?
 How do you know?
Use numbers to explain your answer.

Yes / No Yes

Reason 103 is between 100.5 and 103.5.

2 marks

6.

	Monday	Tuesday	Wednesday	Thursday
Temperature	13°C	9°C	10°C	14°C

Which day has the coldest temperature?

Tuesday

1 mark