

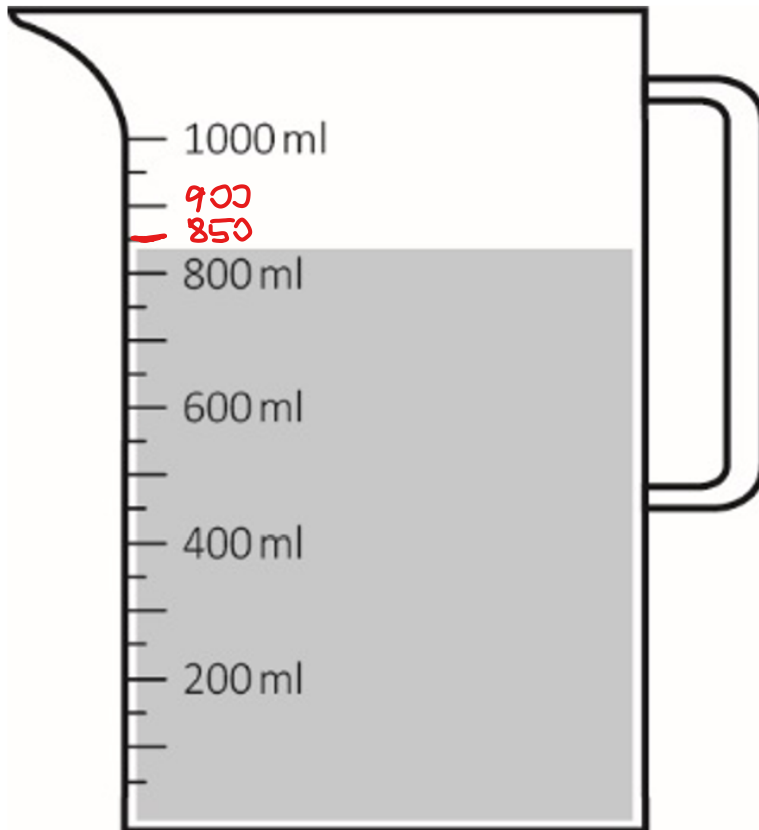
Non-calculator Questions

NCFE

1.

Paulo is filling up the drinks machines.

He uses a jug to measure the water.



How much water is in the jug to the nearest unlabelled division?

[1 mark]

850ml

City & Guilds

2.

Which one of these measuring instruments is best to measure the width of a door? **Tick one.**



A



B



C



D

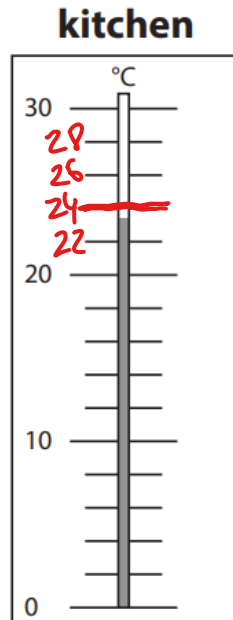
1 mark

Calculator Questions

Edexcel

1.

Riya looks at the temperature in the kitchen.



What is the temperature in the kitchen to the nearest division?

(1)

Show your answer in the box below.

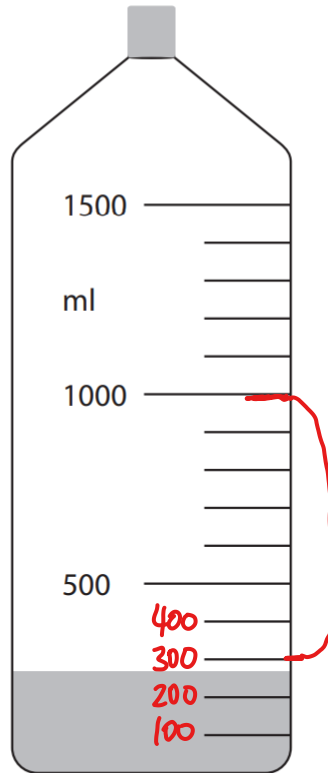
24 °C

2.

Bret takes a water bottle to work.

He has 1 litre of water in the bottle at the start of the day.

The diagram shows the water left over at the end of the day.



How much water did Bret use to the nearest division?

(2)

Show your working and your answer here.

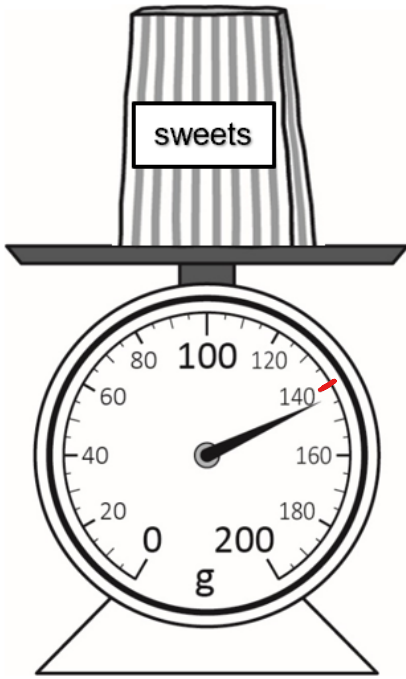
$$1000 - 300 = 700$$

700 ml

NCFE

3.

Mina buys a bag of sweets.



How much does the bag weigh to the nearest labelled division?

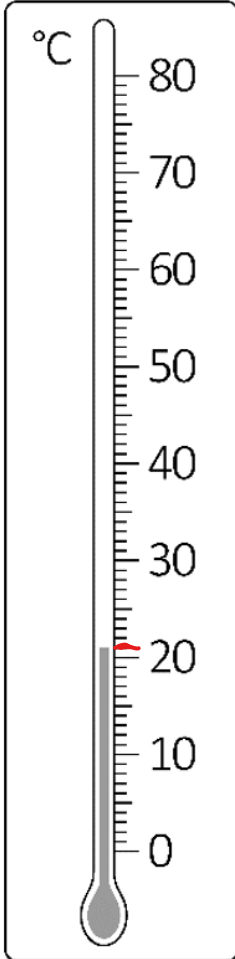
[1 mark]

140g

4.

The temperature outside is 22°C

This is the temperature inside the cinema.



Mina thinks it is hotter outside.

Is she correct?

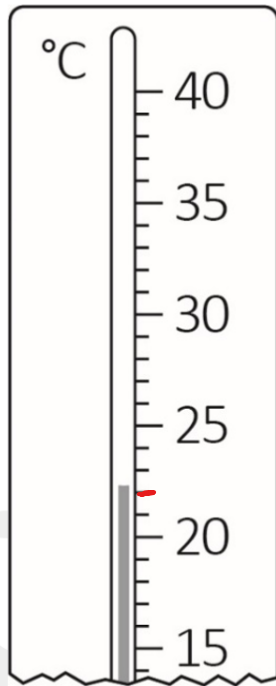
Give a reason for your answer.

[2 marks]

Yes, the temperature is 1°C higher outside.

5.

This is the thermometer in the hall.



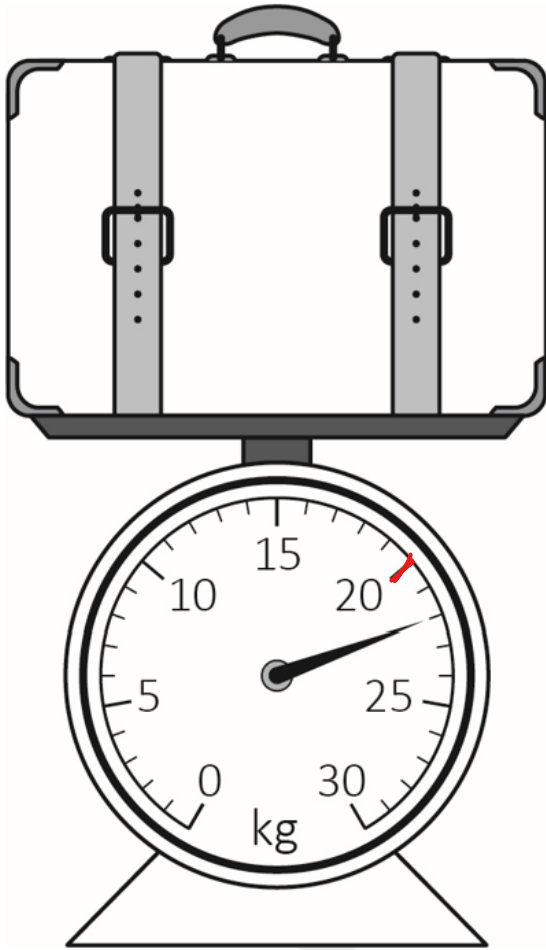
What is the temperature to the nearest **unlabelled** division?

[1 mark]

22°C

6.

Claire weighs her suitcase.



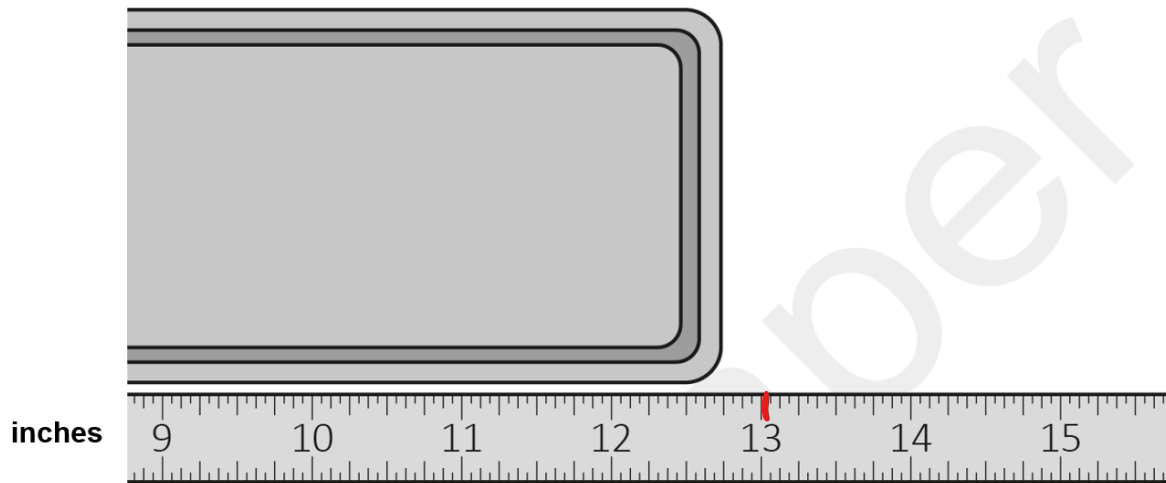
How much does her suitcase weigh to the nearest labelled division?

[1 mark]

20 kg

7.

This is one of the baking trays that Amy uses.



What is the length of the baking tray to the nearest labelled division?

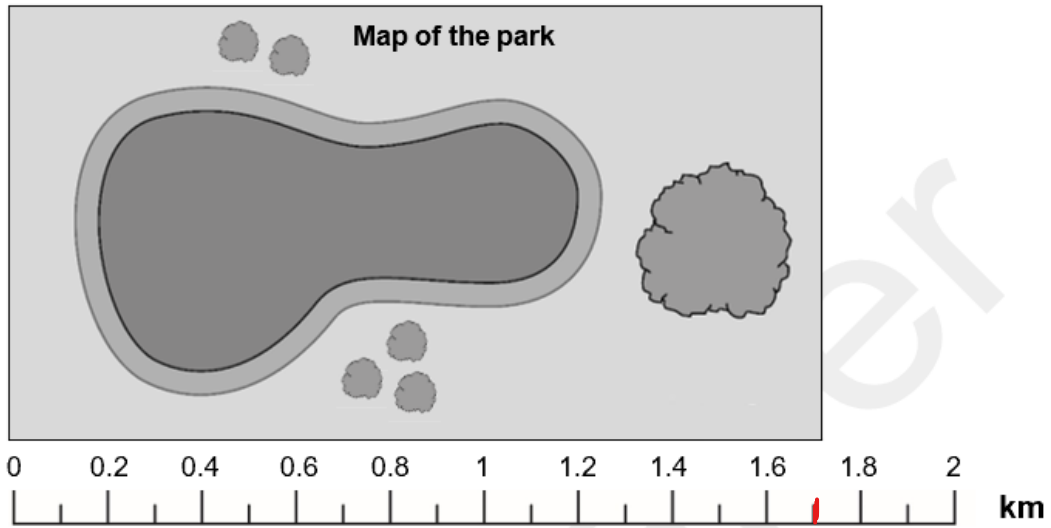
[1 mark]

13 inches

8.

Carly also walks in the park.

She looks at this map of the park.



What is the length of the park to the nearest division?

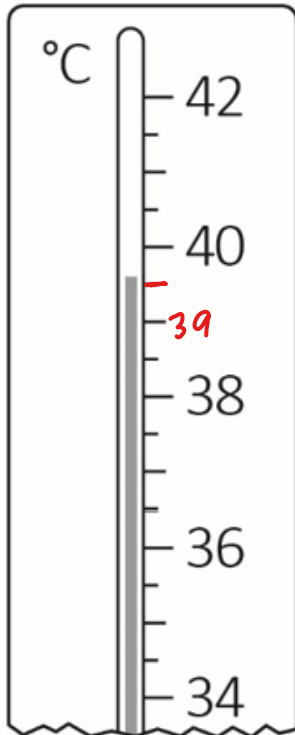
[1 mark]



1.7 km

9.

The vet checks Alfie's temperature.



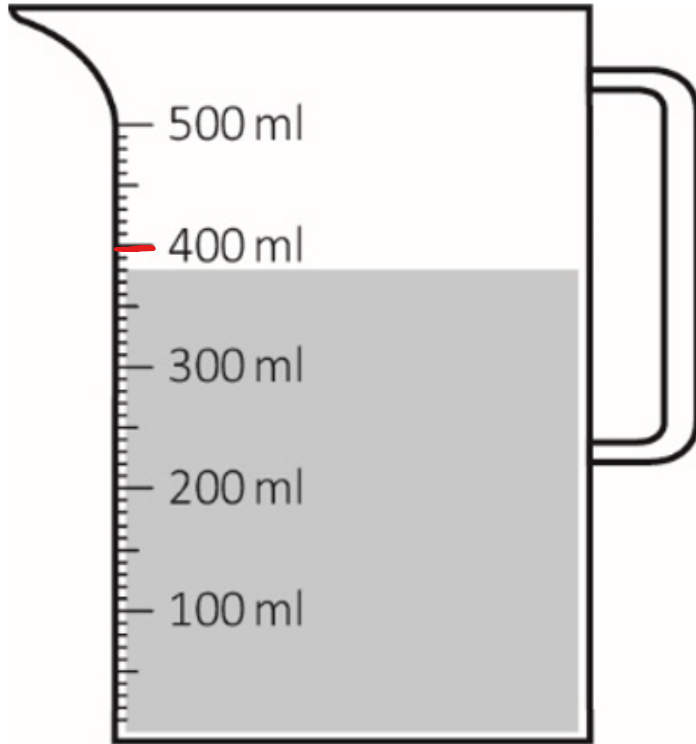
What is Alfie's temperature to the nearest unlabelled division?

[1 mark]

39.5 °C

10.

Steven pours some water to wash Alfie.



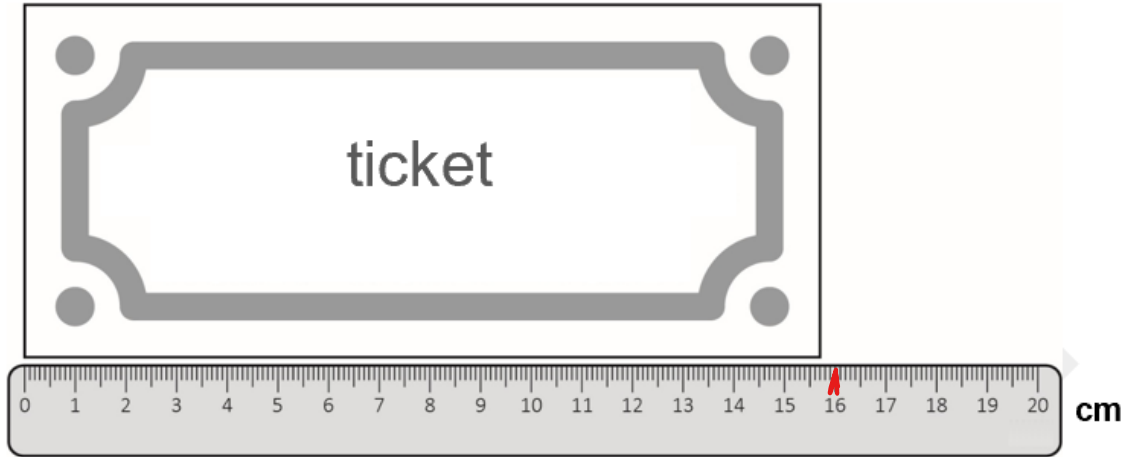
How much water is in the jug to the nearest labelled division?

[1 mark]

400 ml

11.

This is a ticket for the festival.



How long is the ticket to the nearest labelled division?

[1 mark]



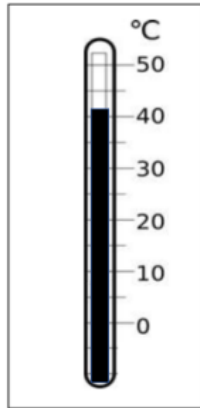
16 cm

City & Guilds

12.

To make the yogurt, the assistant heats the yogurt to 83°C and then cools it to set.

This thermometer shows the setting temperature.



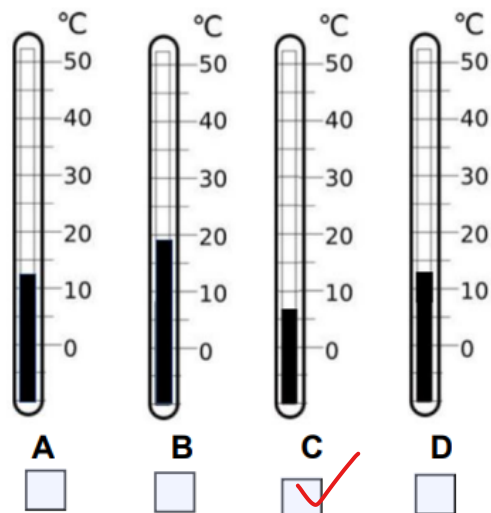
After setting, the temperature has to be **cooled down by 35° C** before the yogurt can be stored in the fridge.

Which of these thermometers shows the temperature the yogurt can be stored in the fridge?

Tick one.

Space for working out

$$40 - 35 = 5^{\circ}\text{C}$$



2 marks