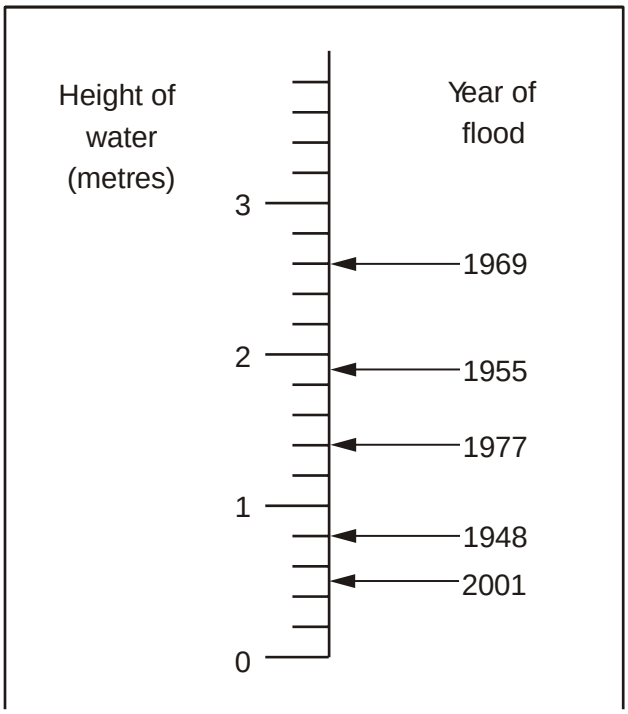
1. This scale shows the dates of floods and the height of the water in the floods.



How high was the water in the 1955 flood?

m

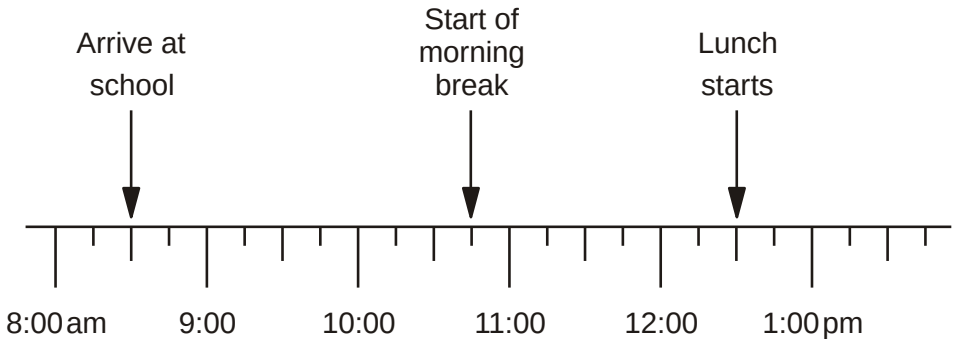
1 mark

How much higher was the water in the 1969 flood than in the 1948 flood?

m

1 mark

2. Jamie makes a time line of part of his day.



What time does Jamie's morning break start?

am

1 mark

Lunch lasts for three-quarters of an hour.

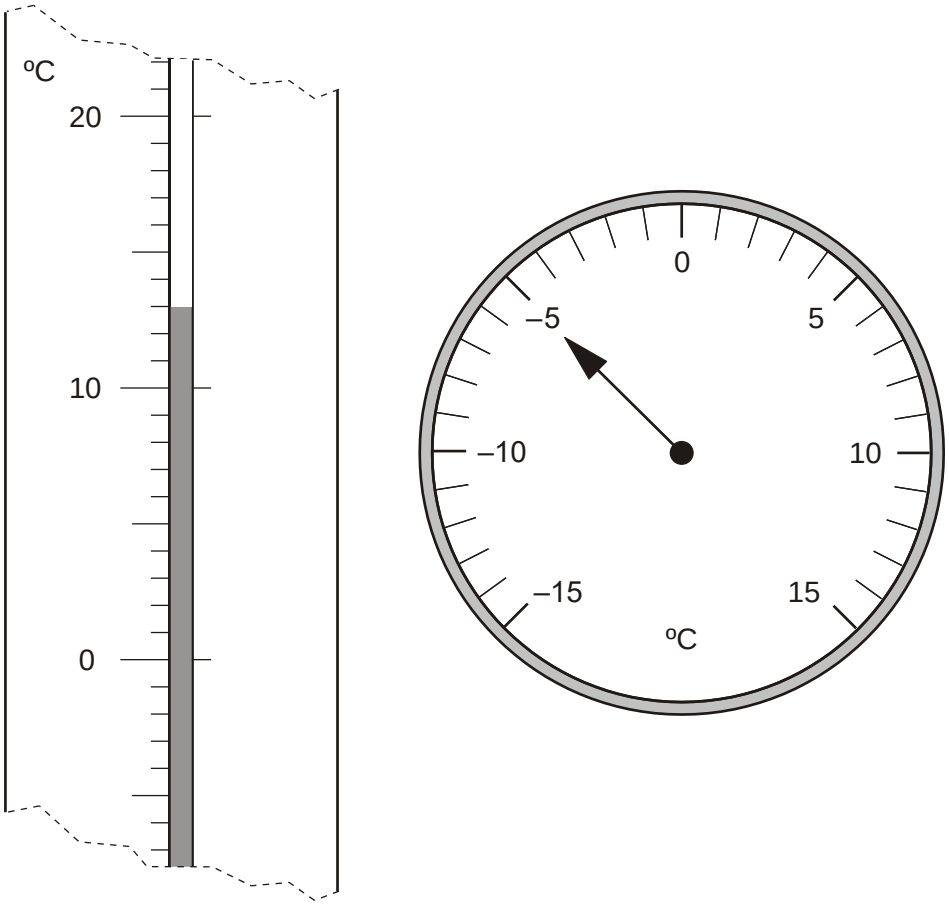
What time does lunch **finish**?

pm

1 mark

3. Here are two thermometers.

They show two different temperatures.

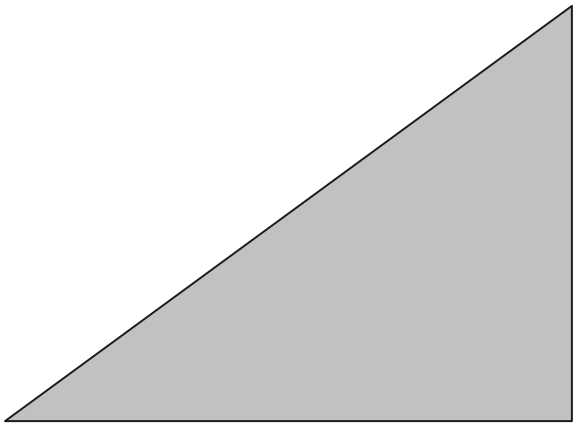


What is the **difference** between the two temperatures?

degrees

1 mark

4.



Measure accurately the length of the **shortest** side of this triangle. Write your answer in centimetres.

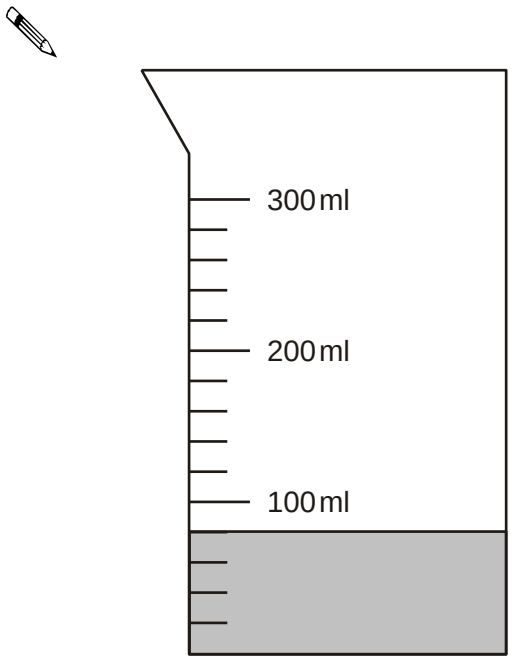
cm

1 mark

5. Hassan has a jug with some water in it.

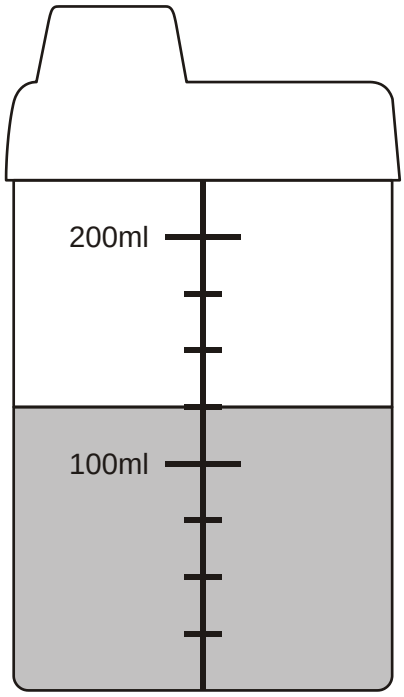
He adds another 140 millilitres of water.

Draw a line to show the new level of water.



1 mark

6. Here is a baby's drinking cup.

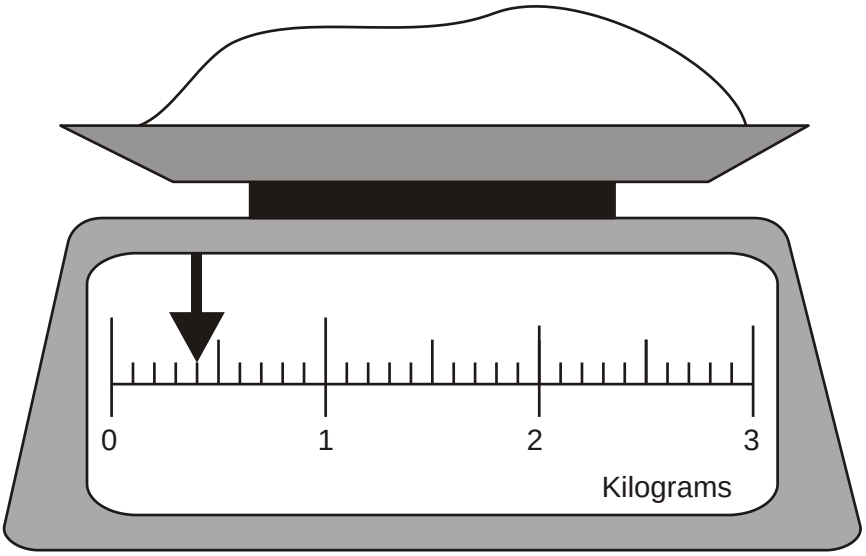


How many millilitres of water are in the cup?

ml

1 mark

7. Here is some flour on a weighing scale.



How many **grams** of flour are on the scale?

grams

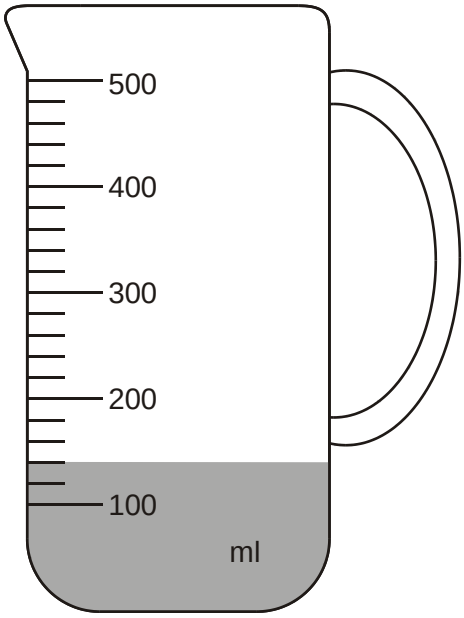
1 mark

How much more flour must be added to the scale to make 1.6 kg?

1 mark

8. Mr Khan makes a blackcurrant drink for a party.

He pours blackcurrant squash into a jug.



How much water must he add to make **500 millilitres** of drink?

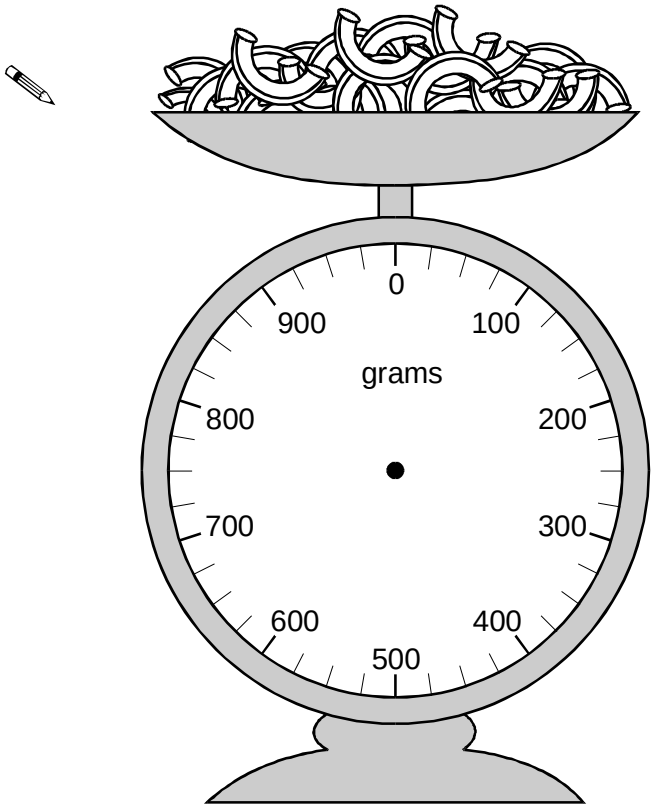
ml

1 mark

9. Jamie is cooking pasta.

He weighs 350 grams of pasta.

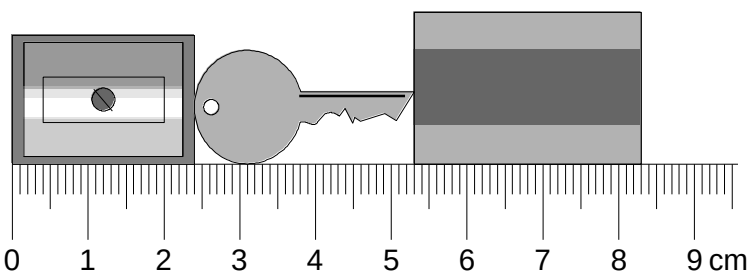
Draw an arrow on the scale to show 350 grams.



1 mark

10. Here are a pencil sharpener, a key and a rubber.

Actual size



What is the length of **all three things** together?

Give your answer in **millimetres.**

mm

1 mark

What is the length of the **key**?

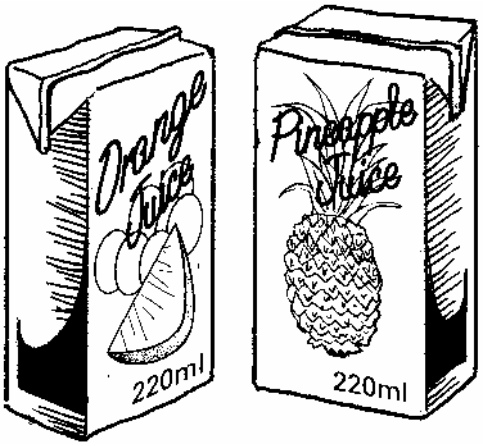
Give your answer in **millimetres**.

mm

1 mark

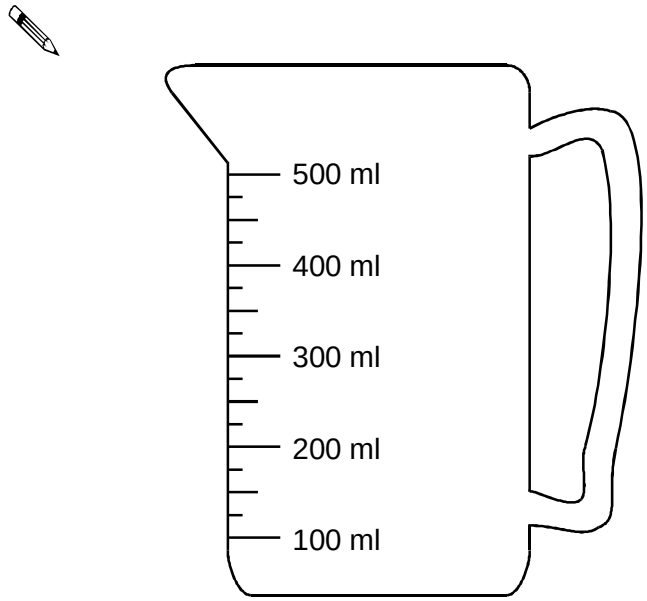
11. Mina has two cartons of juice.

Each carton contains **220ml.**



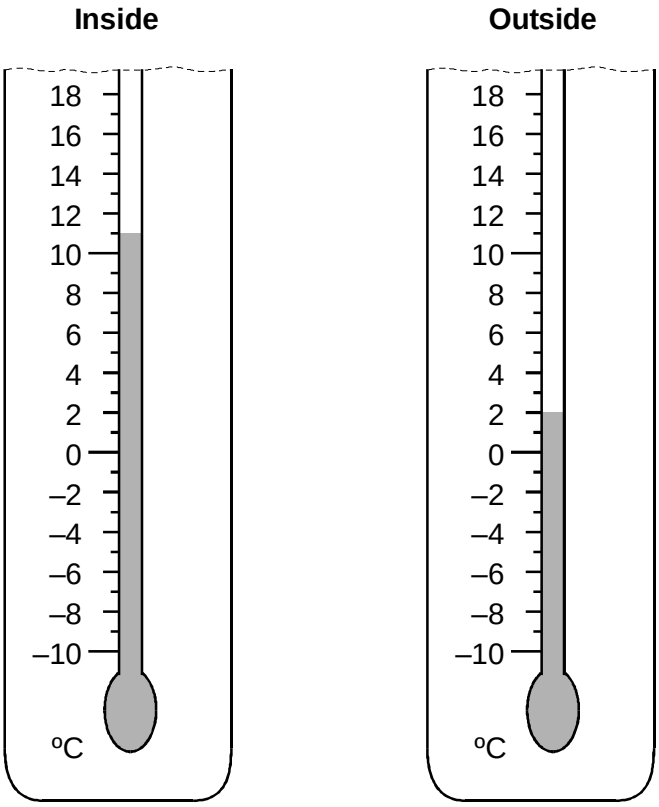
She empties them both into this jug.

Draw an arrow (→) to show the level of the mixture in the jug.



1 mark

12. Two thermometers show the temperature inside and outside a greenhouse on a day in January.



How many degrees **warmer** was it inside the greenhouse than outside?

°C

1 mark

Later the temperatures were

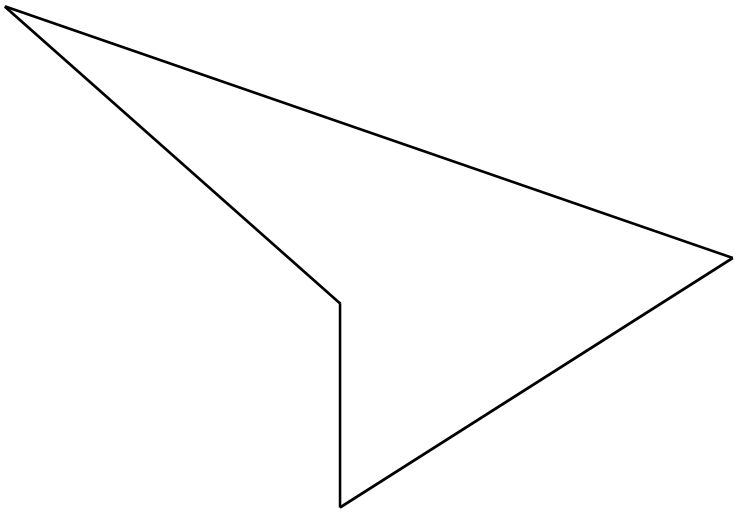
inside	**outside**
–1°C	–8°C

What is the difference between these two temperatures?

°C

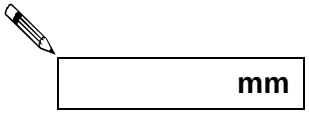
1 mark

13.



Measure accurately the **longest side** of this shape.

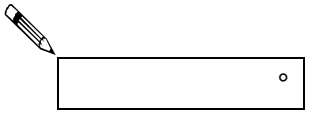
Give your answer in millimetres.



1 mark

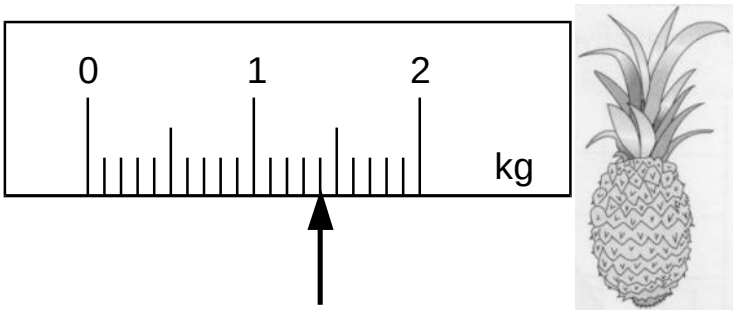
Measure accurately the **smallest angle** in the shape.

Use a protractor (angle measurer).



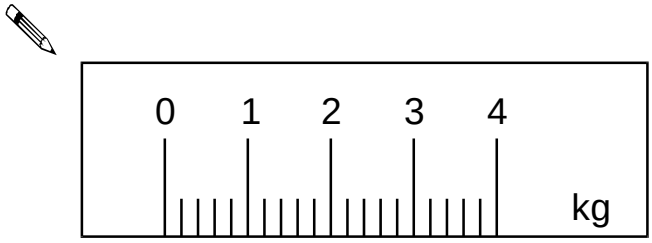
1 mark

14. On this scale, the arrow (↑) shows the weight of this pineapple.



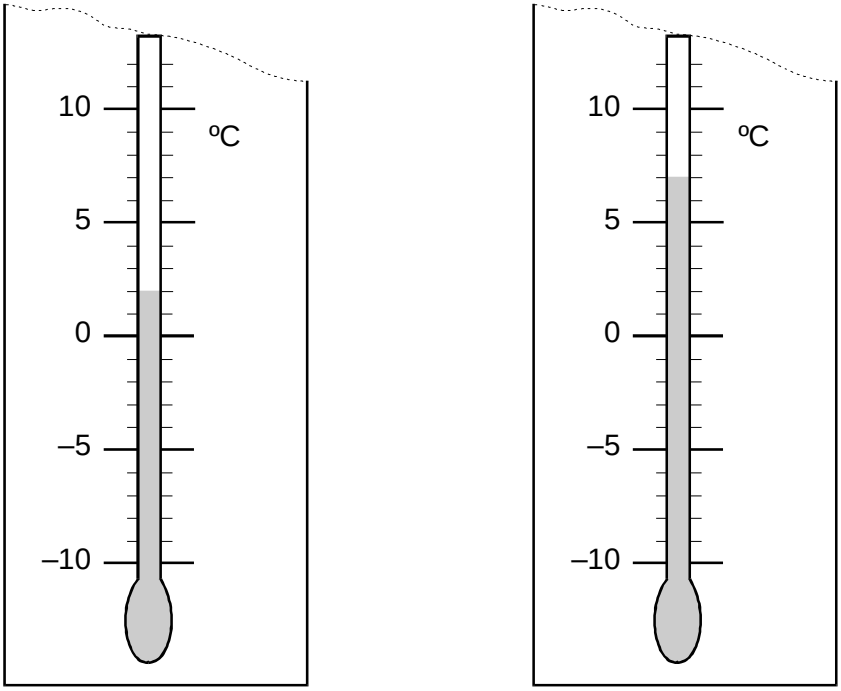
Here is a **different** scale.

Mark with an arrow (↑) the weight of the **same** pineapple.



1 mark

15. These are the temperatures in York and Rome on a day in winter.



How may degrees **colder** is it in York than in **Rome**?

°C

1 mark

On another day, the temperature in York is **4°C**

Rome is **7 degrees colder** than York.

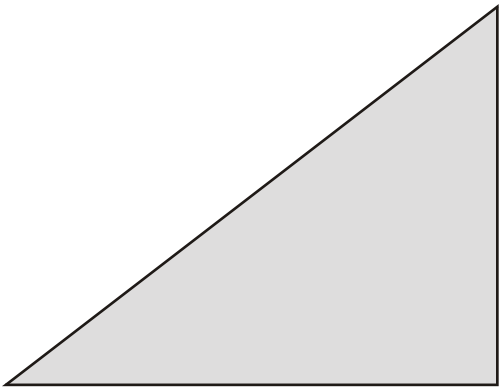
What is the temperature in **Rome**?

°C

1 mark

16. Measure **accurately** the **longest side** of this triangle.

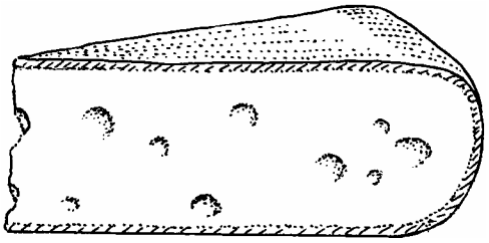
Give your answer in **millimetres**.



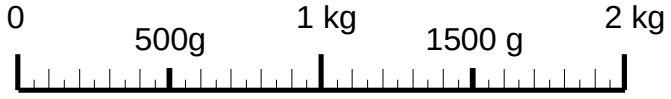
mm

1 mark

17. This piece of cheese has a mass of **350 grams.**

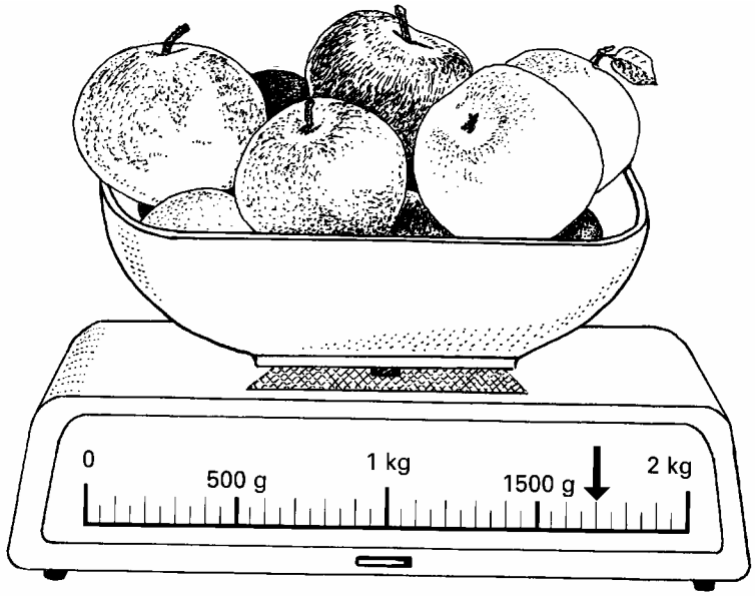


Mark an **arrow** (↓) on the scale to show the reading for **350 g.**



1 mark

Here are some apples.



What is the **total mass** of these apples?

1 mark