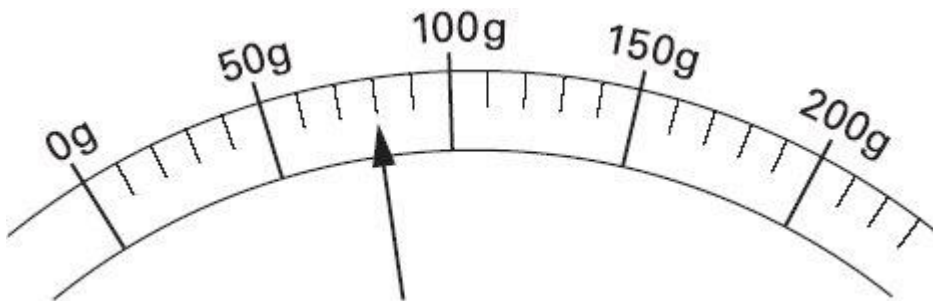


Q1.



Here is a scale which shows the weight of a letter.



How much does the letter weigh?

g
---

1 mark

Q2.

Circle one amount each time to make these sentences correct.

One has been done for you.

The distance from  
London to Manchester is about

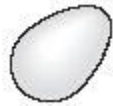
320 cm
320 m
320 km

A tea cup is likely to hold about



15 ml
150 ml
1500 ml

A hen's egg is likely to weigh about

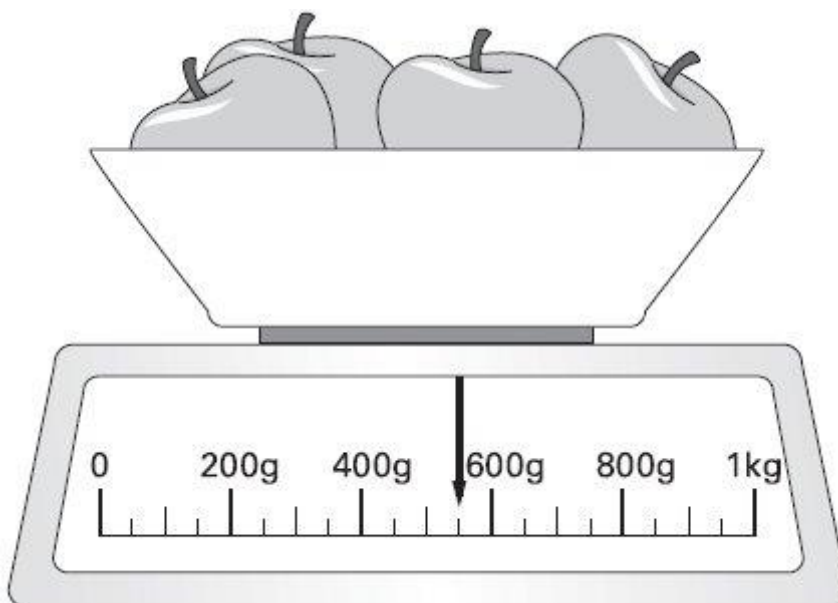


6 g
60 g
600 g

1 mark

**Q3.**

Here are some apples.



What is the total weight of these apples?

<b>g</b>
----------

1 mark

**Q4.**

**Two** of these sentences could be true.

Tick (✓) the **two** sentences that could be true.

Adam's pencil is **12 centimetres** long.

Leah is **12 metres** tall.

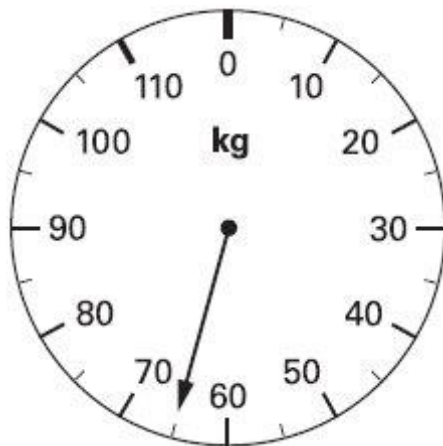
Jake's glass holds **12 litres** of milk.

Kate's younger sister weighs **12 kilograms**.

1 mark

**Q5.**

This scale shows how much Mrs Patel weighs.



How much does Mrs Patel weigh?

<b>kg</b>
-----------

1 mark

**Q6.**

Here are four masses.

2  
kilograms

1  
tonne

800  
grams

$\frac{1}{2}$   
kilogram

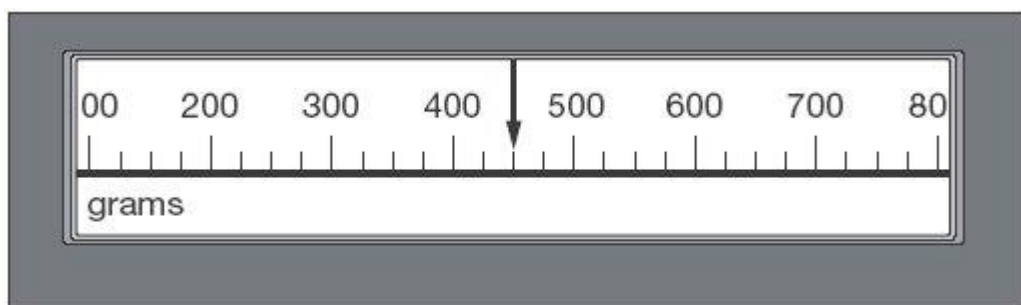
Write the masses in order, starting with the lightest.

lightest

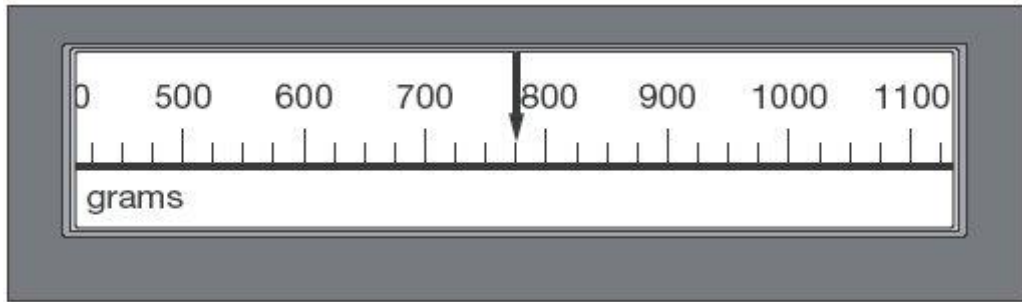
1 mark

**Q7.**

This scale shows the mass of Amy's kitten when it was one month old.



This scale shows the mass of the kitten when it was two months old.



What is the increase in mass?

 g

1 mark

**Q8.**

Write these masses in order, starting with the **lightest**.

1.25 kg      0.99 kg      1.025 kg      0.009 kg

kg	kg	kg	kg

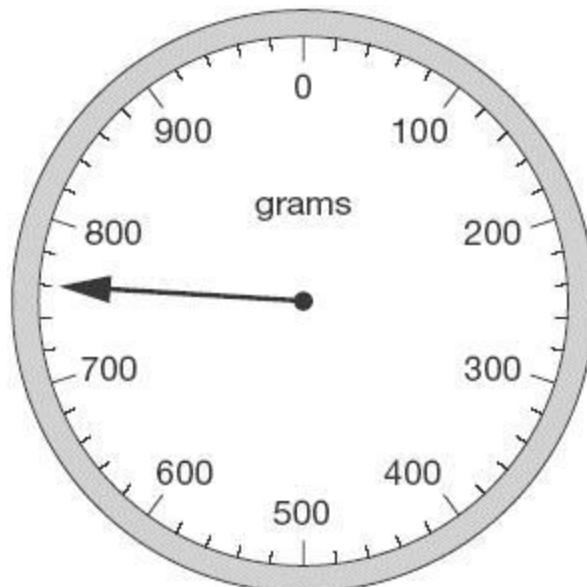
**lightest**

1 mark

**Q9.**

Joe places some apples on a weighing scale.

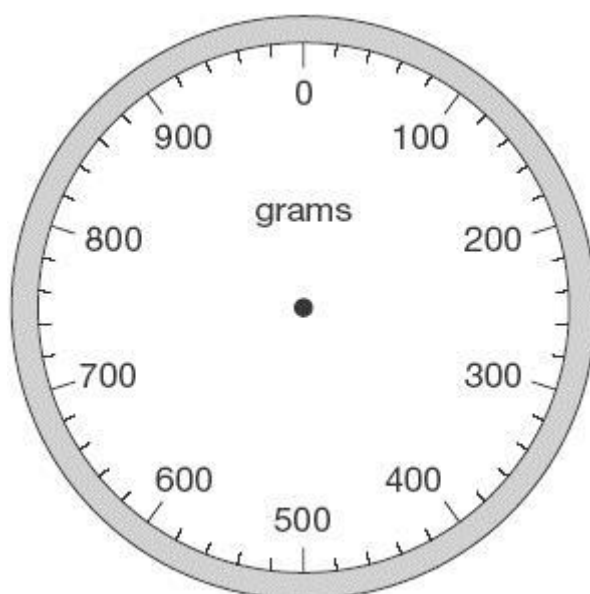
The pointer shows the mass of the apples.



He takes away one apple.

The mass goes down by 120 grams.

Draw the pointer in its new position on the scale below.



1 mark

**Q10.**

Circle the approximate measurement.

The length of a banana is about ...

2 cm      20 cm      2 mm      2 m      20 m

The mass of an apple is about ...

2 g      20 kg      200 kg      200 g      2 kg

A glass of fruit juice is about ...

2 ml      2 l      20 ml      200 ml      20 l

2 marks

**Q11.**

A box contains 2.6 kg of washing powder.



Jack uses 65 grams of powder for each wash.

He uses all the powder.

How many washes did Jack do?

Show your method

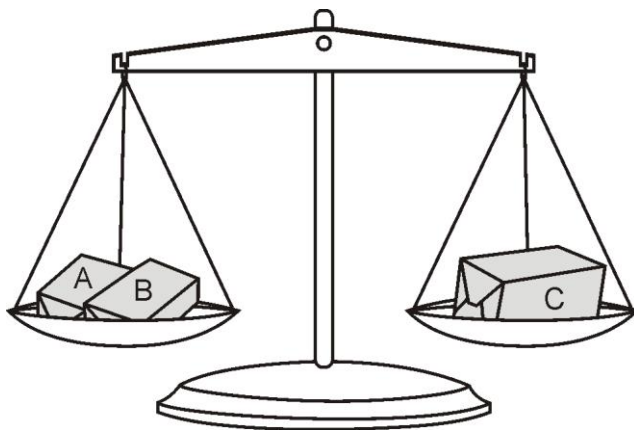
A large rectangular area filled with a light blue grid. On the left side, there is a rounded rectangular box containing the text "Show your method". On the right side, there is a smaller rectangular box containing the text "washes".

2 marks

**Q12.**

Amir has three parcels.

Parcels A and B together weigh the same as parcel C.



The three parcels weigh 800 grams altogether.

Parcel A weighs 250 g.

How much does parcel B weigh?







Every day Maria uses 50 g of oats to make porridge.

How many days does the packet of oats last?

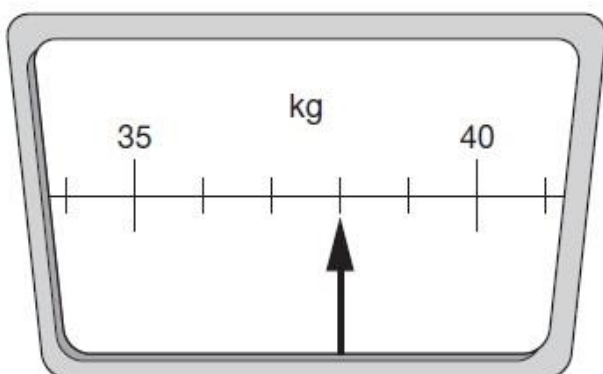
Show your method

 A large rectangular grid for showing the method. On the left side, a bracket-like shape contains the text "Show your method". On the right side, a smaller rectangular box contains the text "days".

2 marks

**Q15.**

This scale shows how much Chen weighs.



How much does Chen weigh?

kg

1 mark

Mark schemes

**Q1.**

80

[1]

**Q2.**

Amounts circled as shown:

15ml
150ml
1500ml
6g
60g
600g

**Both** amounts must be correct for the award of the mark.  
Accept alternative unambiguous indications such as underlining or ticking.

[1]

**Q3.**

550

Accept 0.5 kg.

[1]

**Q4.**

Two sentences ticked as shown:

Adam's pencil is <b>12 centimetres</b> long.	<input checked="" type="checkbox"/>
Leah is <b>12 metres</b> tall.	<input type="checkbox"/>
Jake's glass holds <b>12 litres</b> of milk.	<input type="checkbox"/>
Kate's younger sister weights <b>12 kilograms</b> .	<input checked="" type="checkbox"/>

**Both** answers must be ticked for the award of the mark.  
Accept any other clear way of indicating the correct sentences, such as 'yes'.

[1]

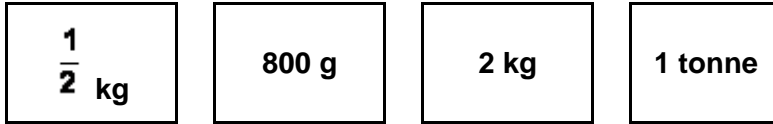
Q5.

65

[1]

Q6.

Masses in order, as shown:



Accept answers with missing or incorrect units.

[1]

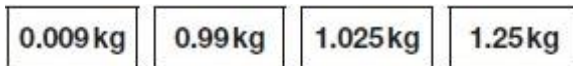
Q7.

325

[1]

Q8.

Masses in correct order, as shown:



lightest

All masses must be in the correct order for the award of **ONE** mark.

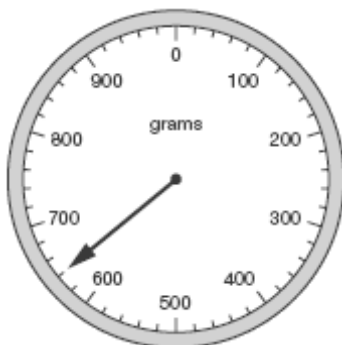
Accept for **ONE** mark the masses written in reverse order **AND** the label lightest has been changed to follow suit.

Misreads and transcription errors are **not** allowed.

[1]

Q9.

Arrow drawn to 640, as shown:



Arrow should be closer to 640 than to 620 or 660

Accept any unambiguous indication of the correct point on the scale, including an arrow not originating from the centre of the dial.

Accept answer given on upper diagram provided no answer is given on lower diagram.

**Q10.**

Award **TWO** marks for all three values correct as shown:

banana

2cm      20cm      2mm      2m      20m

apple

2g      20kg      200kg      200g      2kg

fruit juice

2ml      2l      20ml      200ml      20l

If the answer is incorrect, award **ONE** mark for two correct measurements.

*Accept alternative unambiguous indications, eg correct value filled in.*

Up to 2m

[2]

**Q11.**

Award **TWO** marks for the correct answer of 40

If the answer is incorrect, award **ONE** mark for evidence of appropriate method, e.g.

- $2.6 \times 1,000 = 2,600$   
 $2,600 \div 65 =$
- $2.6 \div 0.065 =$

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

***Do not** accept an incorrect conversion or no conversion of units, e.g.*

- $260 \div 65 =$
- $2.6 \text{ kg} \div 65 \text{ g}$

Up to 2m

[2]

**Q12.**

Award **TWO** marks for the correct answer of 150

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg

$$800 \div 2 = 400$$

$$400 - 250 = \text{wrong answer}$$

*Working must be carried through to reach an answer for the award of **ONE** mark.*

Up to 2 (U1)

**Q13.**

Award **TWO** marks for the correct answer of 1.05 kg.

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg:

■  $12 \div 4 = 3$

$$350 \times 3 = 1050$$

$$1050 \div 1000 = \text{wrong answer}$$

**Do not** accept 1050 g

Accept for **ONE** mark 10.5 or 105 as evidence of appropriate working.

Working must be carried through to reach an answer for the award of **ONE** mark.

Up to 2m

[2]

**Q14.**

Award **TWO** marks for the correct answer of 30.

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

•  $1.5 \text{ kg} = 1,500 \text{ g}$   
 $1,500 \div 50$

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

Units must be converted correctly for the award of **ONE** mark.

Up to 2m

[2]

**Q15.**

38

[1]