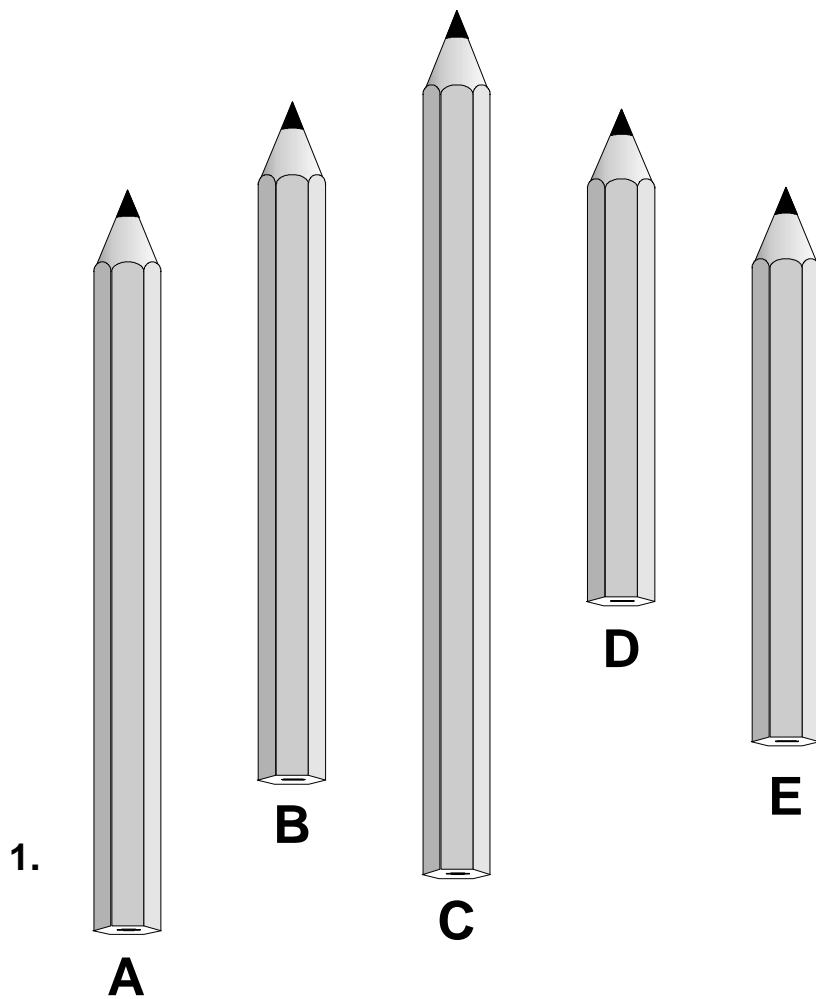


# MEASURES

## Level 2 questions



Pencil **C** is the longest pencil.

Order the rest of the pencils.

You may use a ruler.

longest					shortest
<b>C</b>					<b>D</b>

2. Draw a line **12** centimetres long. Use a ruler.

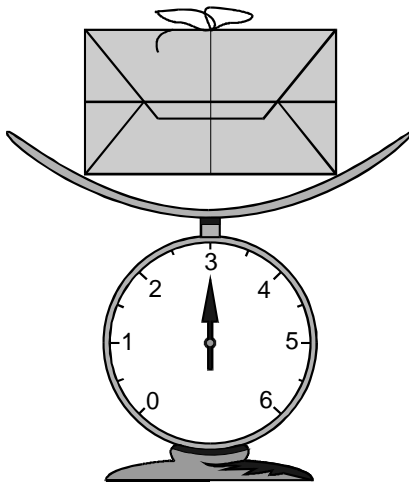
3. Choose the correct word to complete the sentence.






kilograms  
metres  
hours  
centimetres  
litres

Ella is **97**  tall.

4. How much does this parcel weigh?

Match the correct label to the parcel.

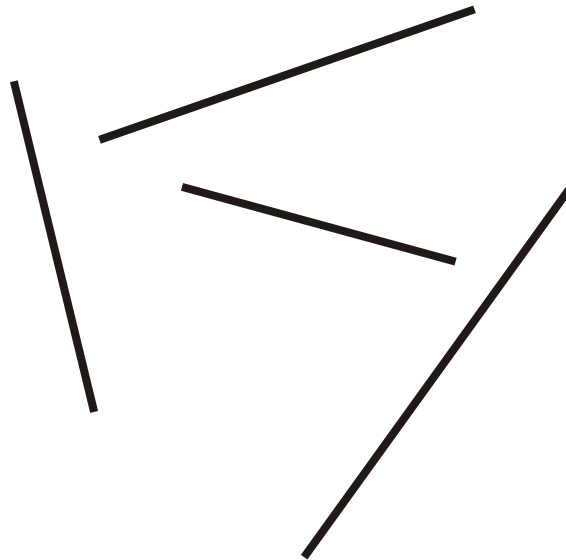


-  **3 centimetres**
-  **3 kilograms**
-  **3 metres**
-  **3 litres**
-  **3 kilometres**

5. Find the longest line.

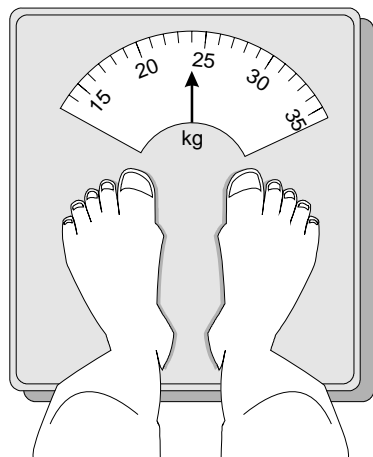
How long is it?

Use a ruler.



centimetres

6. How heavy is Peter?



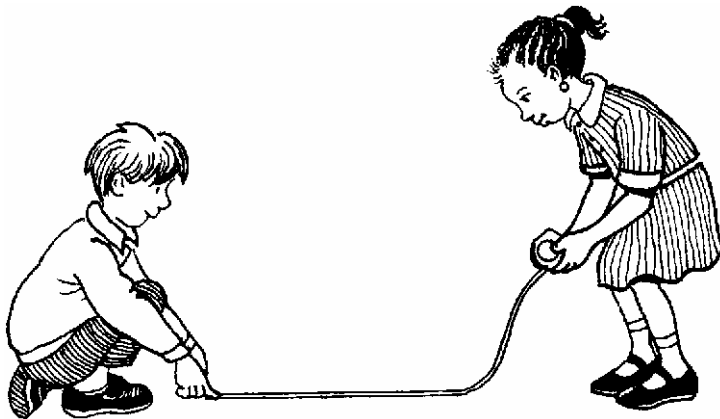
Peter is  kg

7. Choose a word from the box to finish each sentence

<b>kilograms</b>
<b>litres</b>
<b>metres</b>
<b>hours</b>

(a) I can measure the length of the classroom.

in .....



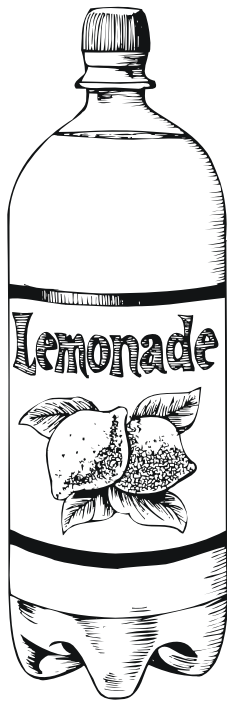
(b) I can measure the capacity of a bucket

in .....



8. How much does the bottle hold?

Match the correct label to the bottle.



2 centimetres

2 kilograms

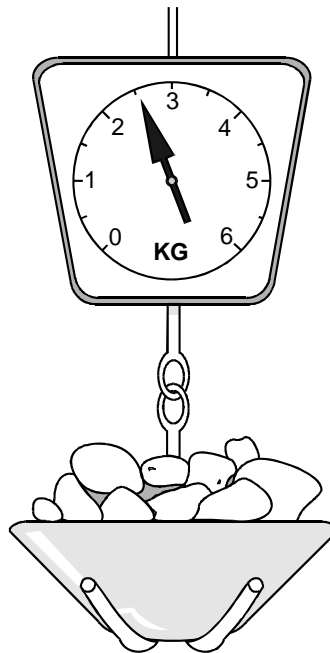
2 litres

2 metres

2 grams

9. How much do the potatoes weigh?

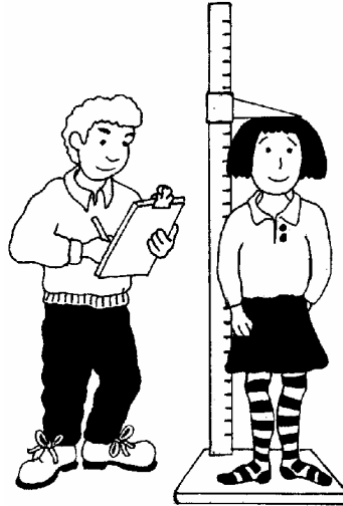
kg



10. Choose one of the words in the box to complete each sentence below.

**kilograms**  
**litres**  
**centimetres**

You can measure how tall you are  
in .....



You can measure how heavy you are  
in .....



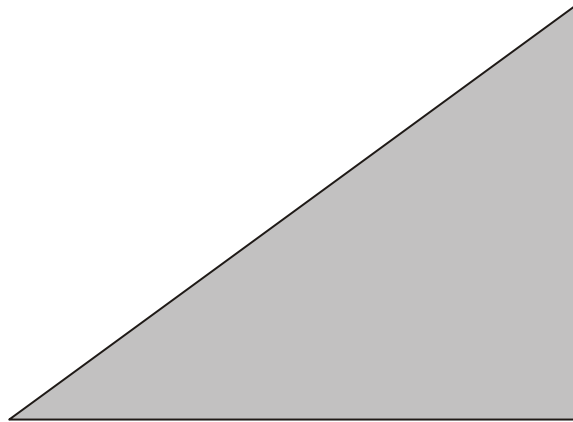
You can measure how much you drink  
in .....




1 mark

Level 3 questions

11.

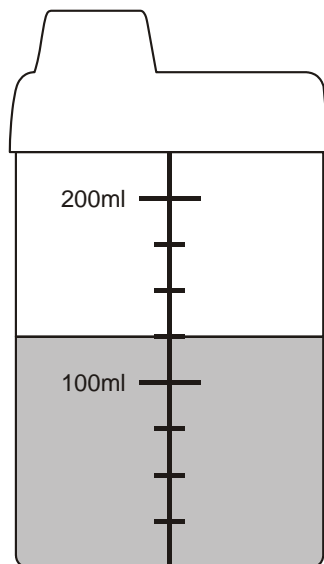


Measure accurately the length of the **shortest** side of this triangle. Write your answer in centimetres.

  cm

1 mark

12. Here is a baby's drinking cup.

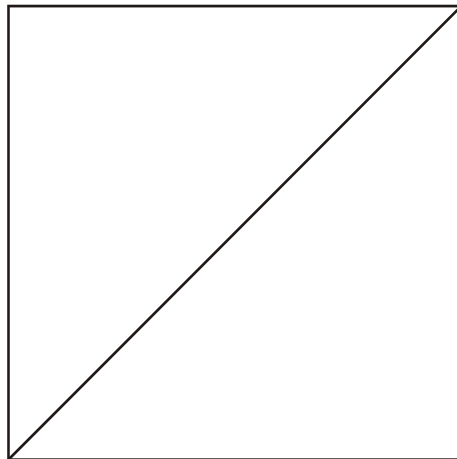


How many millilitres of water are in the cup?

  ml

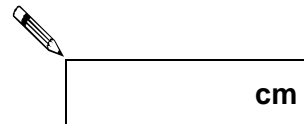
1 mark

13.



Measure accurately the length of the **diagonal** of this square.

Give your answer in **centimetres**.



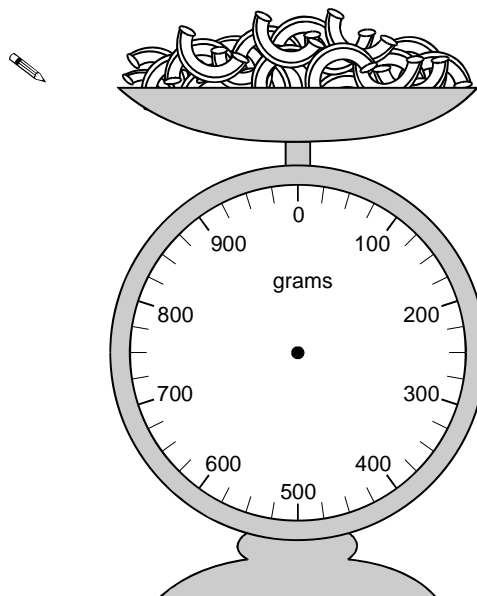
cm

1 mark

14. Jamie is cooking pasta.

He weighs 350 grams of pasta.

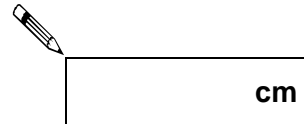
Draw an arrow on the scale to show 350 grams.



1 mark

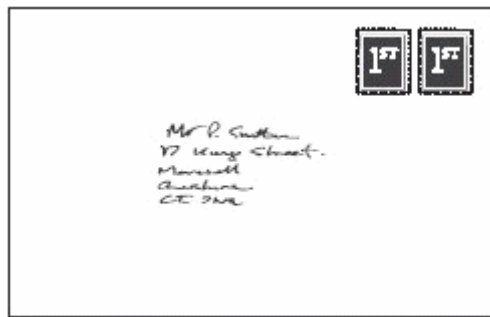
15. Measure this line.

Use a ruler.

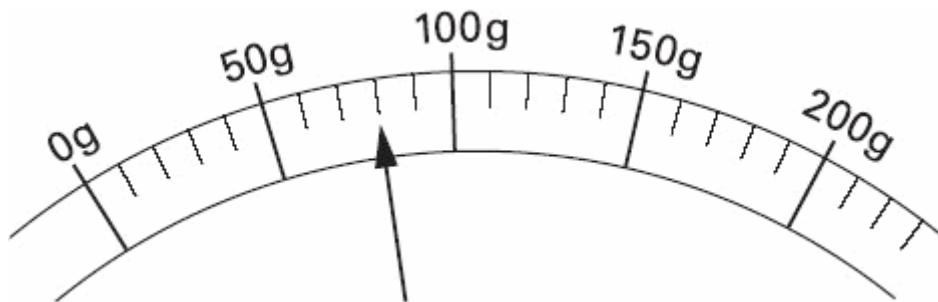


1 mark

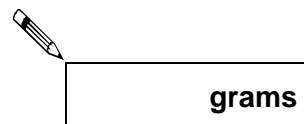
16.



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

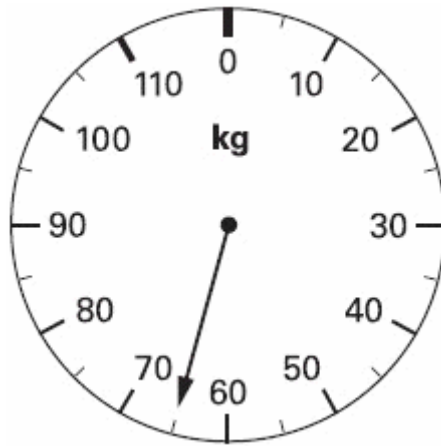


How much does the letter weigh?




1 mark

17. This scale shows how much Mrs Patel weighs.



How much does Mrs Patel weigh?

  kg

1 mark

18. **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

19. Draw **another** line **3cm longer** than this line.

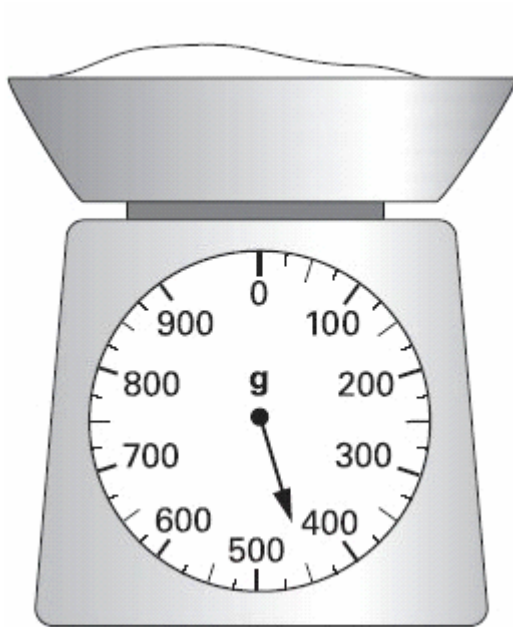
Use a ruler.



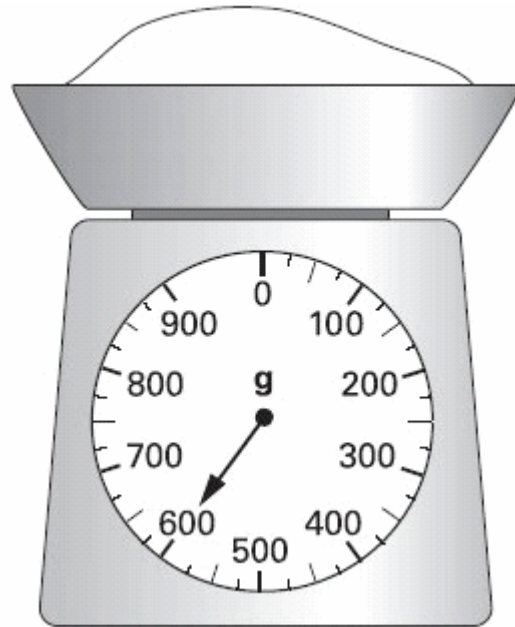
1 mark

20. Emily is making a cake.

She puts flour on the scales.



She then adds sugar to the flour.



How much sugar does she add?



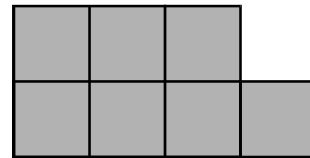
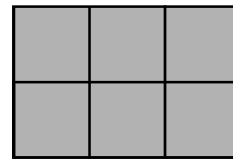
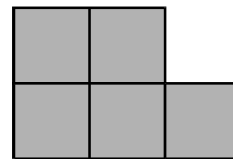
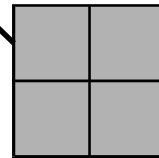
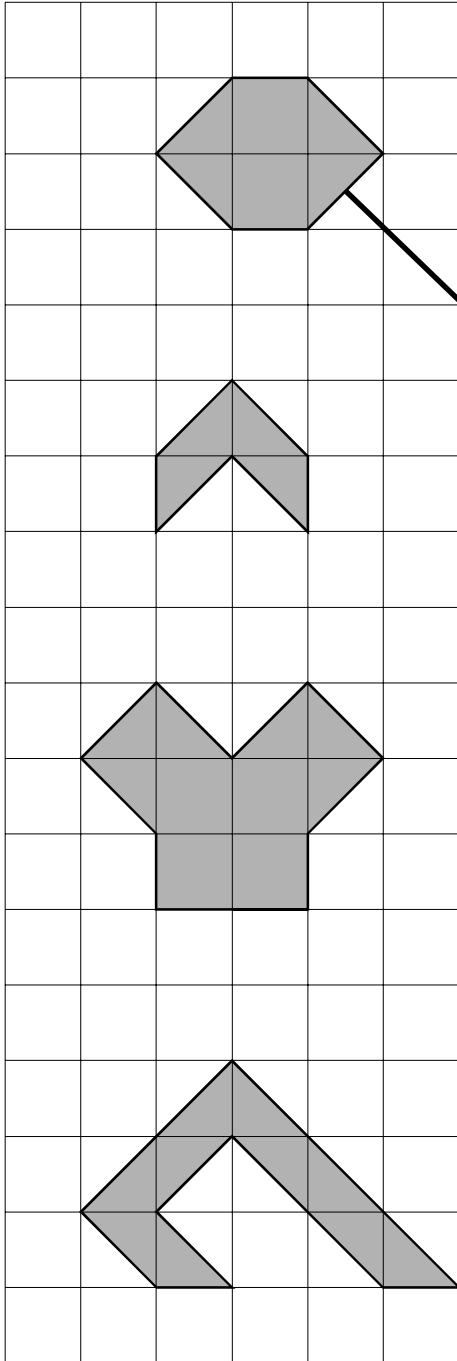
Show your **method**. You may get a mark. 

g

2 marks

21. Match each shape on the left to one with **equal area** on the right.

One has been done for you.



2 marks

22. Draw **one line** from each shape to the rectangle which has the **same area**.

One is done for you.

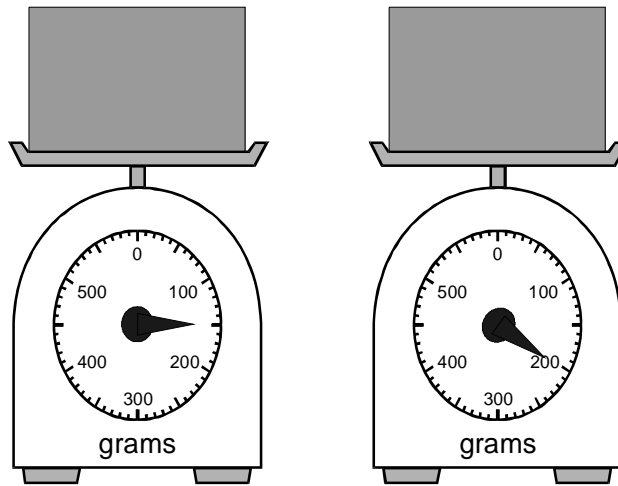
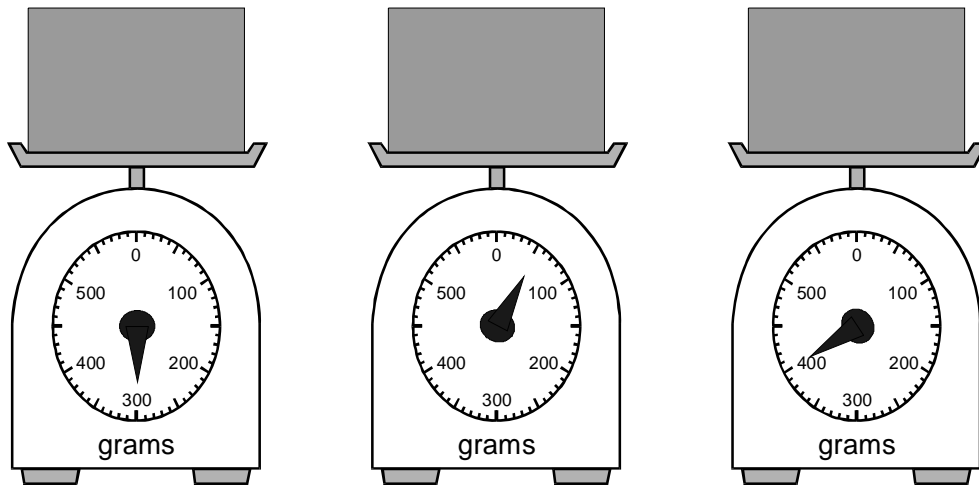


The diagram shows a 10x5 grid. Three shapes are shaded: a triangle with vertices at (3,2), (4,2), and (4,4); a diamond with vertices at (2,3), (4,3), (4,5), and (2,5); and a triangle with vertices at (2,7), (2,9), and (4,9). To the right are seven rectangles, each with a vertical dashed line. A line connects the top-right triangle to the second rectangle from the top.

Rectangle	Width	Height	Dashed Line Position
1	2	1	1
2	3	1	1.5
3	4	1	2
4	5	1	2.5
5	6	1	3
6	7	1	3.5
7	8	1	4

2 marks

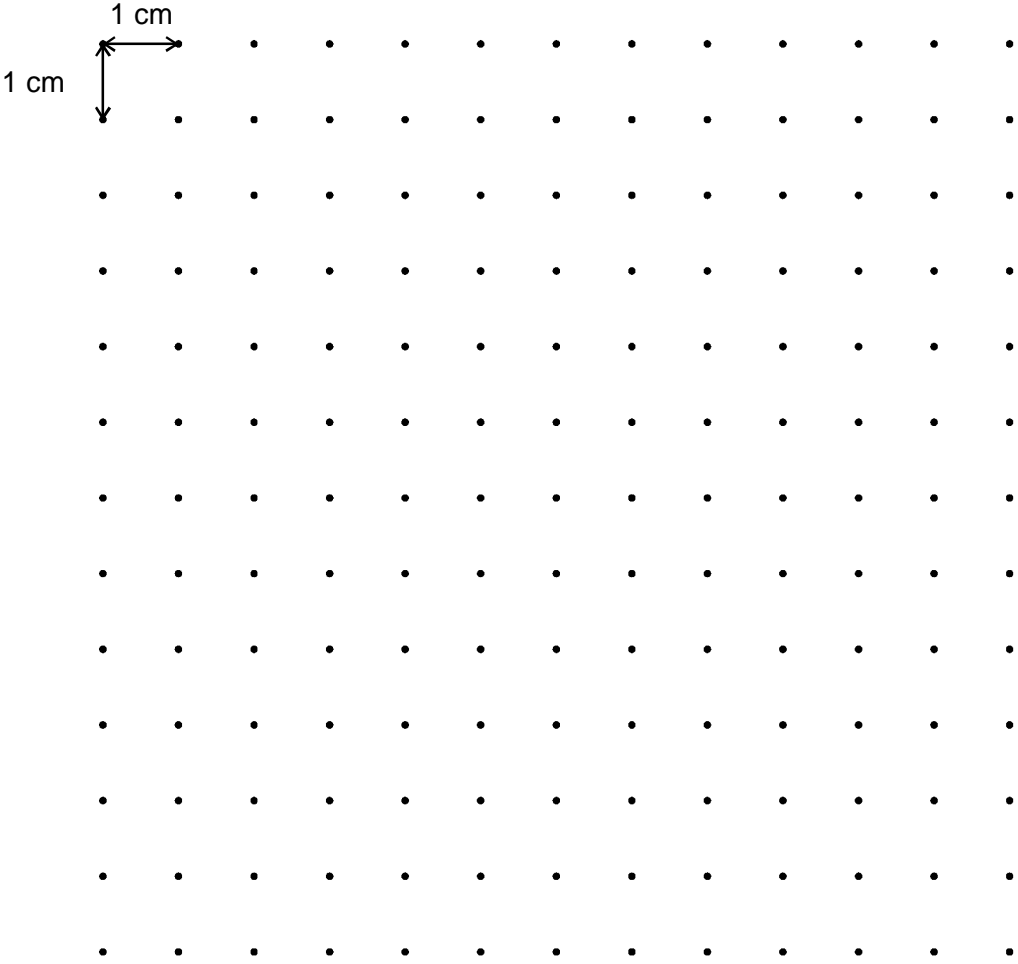
23. Put a ring around the lightest box.



1 mark

24. Use the dots to draw a square with sides 6cm long.

You may use a ruler.



1 mark

25. Sarah is cooking.

Tick (✓) the most likely capacity of the pan.



- 2.5 millilitres
- 25 millilitres
- 250 millilitres
- 2.5 litres
- 25 litres
- 250 litres

1 mark

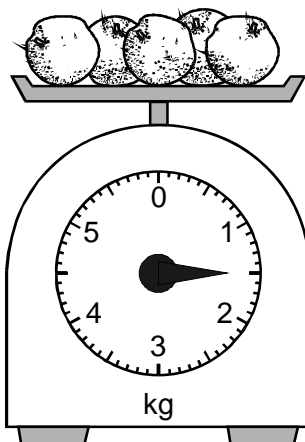
26. Draw a **new** line 4cm longer than this one.

Use a ruler.



1 mark

27. What is the total mass of these apples?

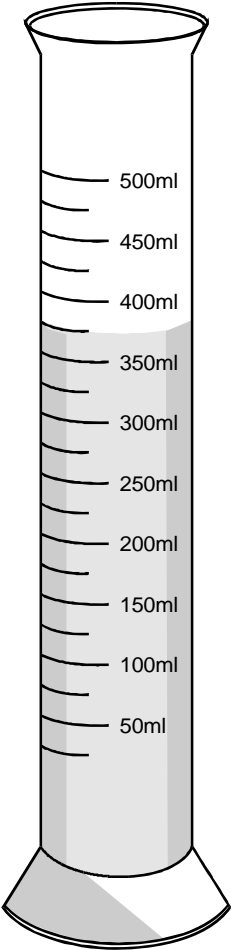


kg

1 mark

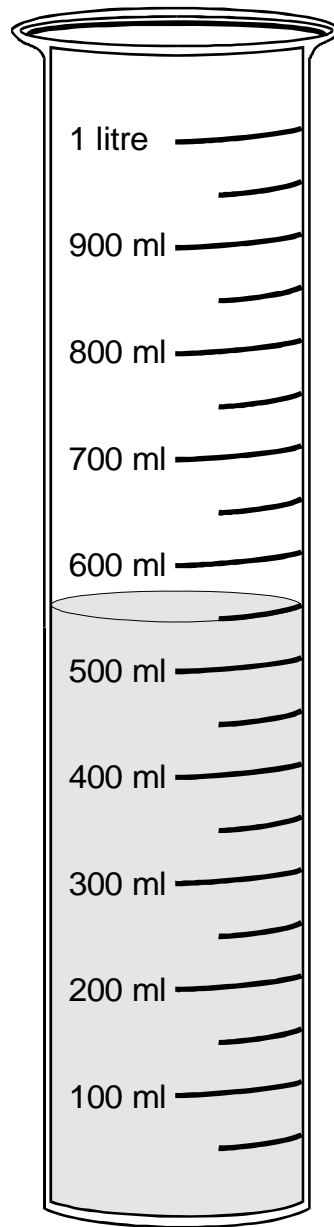
28. How much water is in this container?

ml




1 mark

29.




ml → millilitre

How much water is in this container?

  ml

1 mark

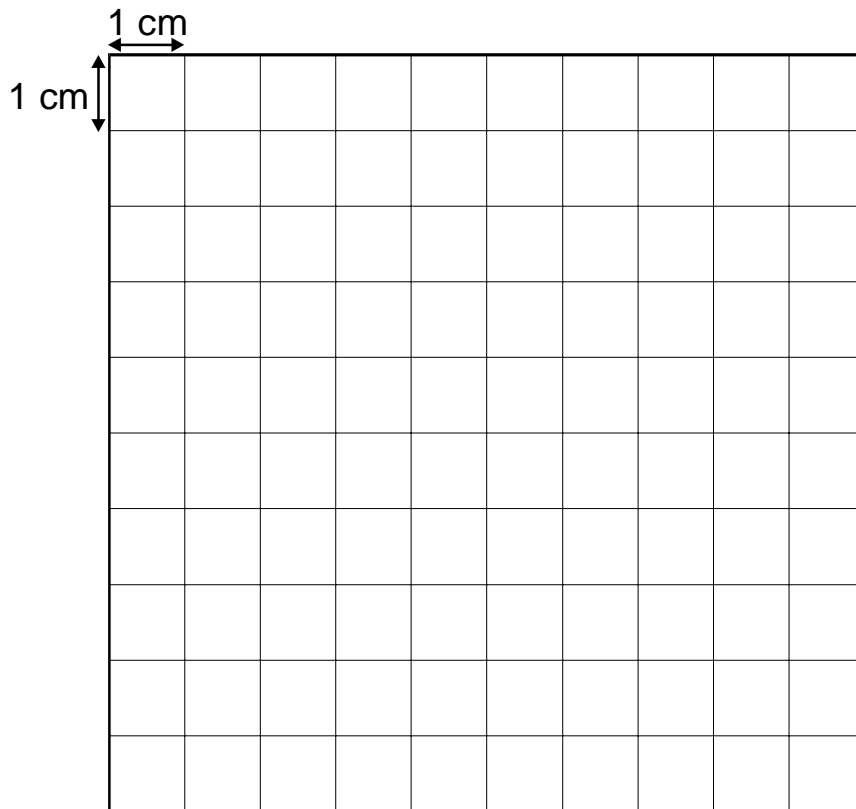
How much more water is needed to make 1 litre?

  ml

1 mark

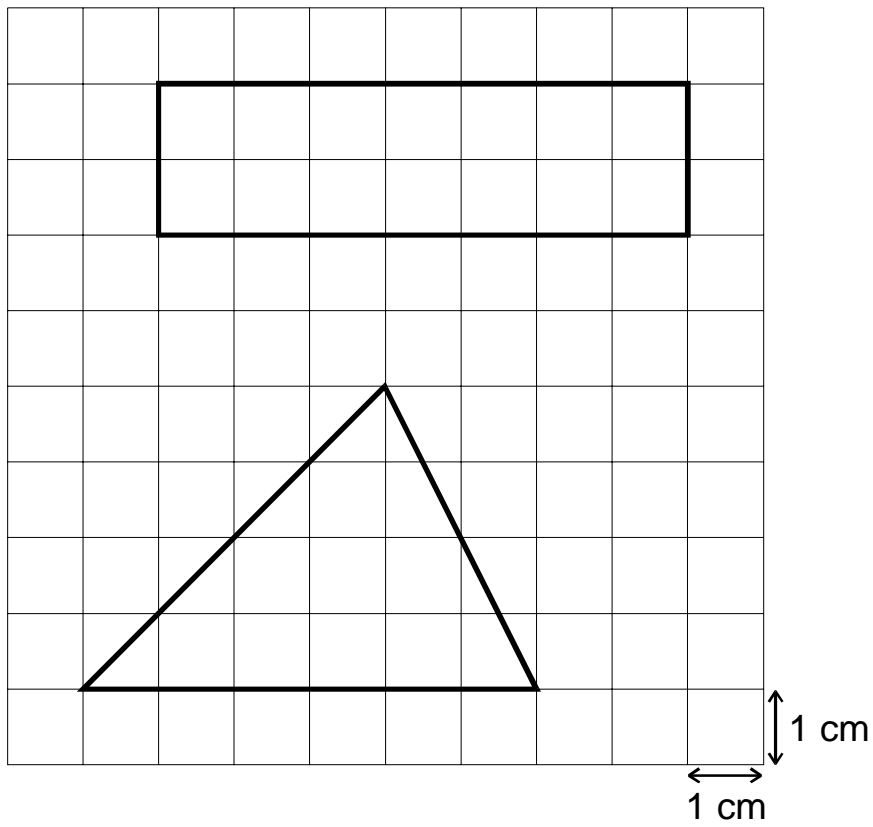
30. Draw a rectangle whose perimeter is 18 centimetres (cm).

You must use the lines of the grid.



1 mark

31.



Work out the area of each shape.

(a) Rectangle

1 mark

(b) Triangle

1 mark

32. How many grams equal one kilogram?

33. Think about the cup you drink water from.

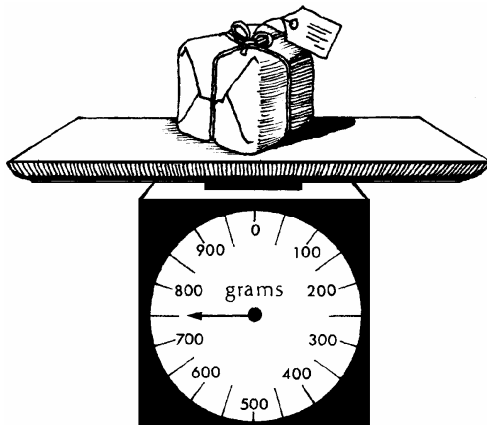
One of these amounts is the estimate of the capacity of this cup.

Tick the correct amount.

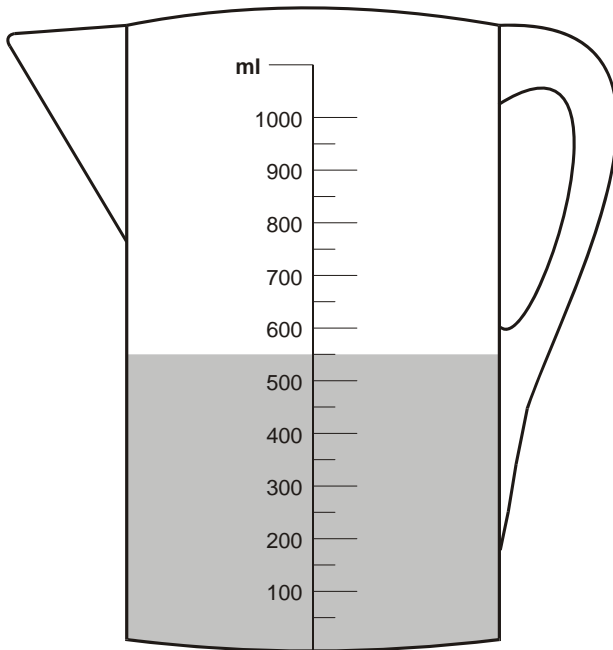
1 metre
1 litre
1 centimetre
$\frac{1}{4}$ kilogram
$\frac{1}{4}$ litre

34. How heavy is the parcel?

grams
-------

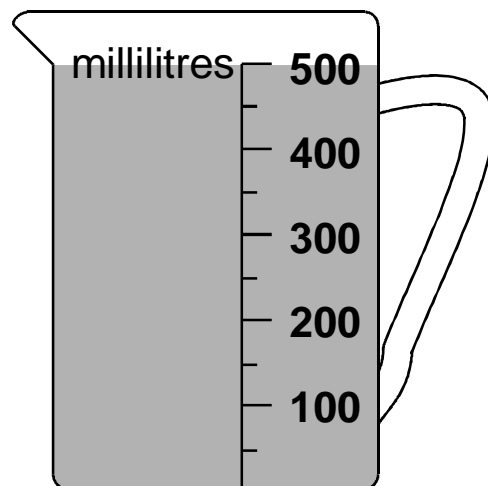


35. How many millilitres (ml) of water are in the jug?



millilitres

36. This jug has water in it.

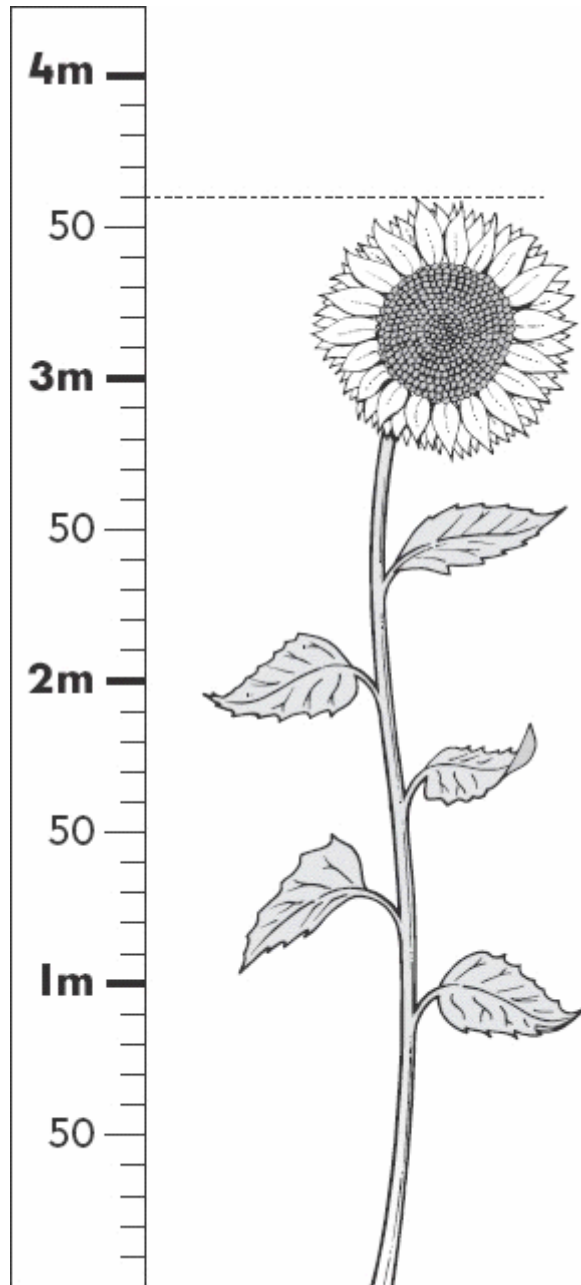


Ravi pours **150 millilitres** of water out of this jug.

How much water will be left in the jug?

millilitres

37.



How tall is the sunflower?

m	cm
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