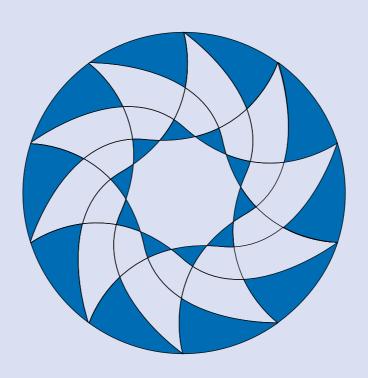
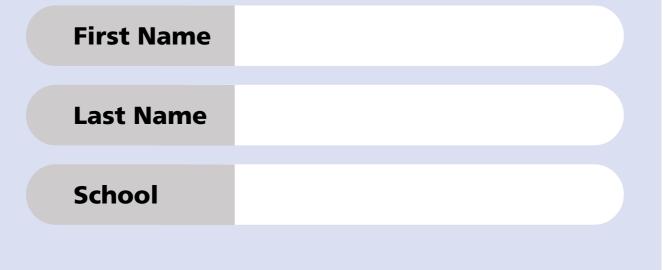
MATHEMATICS	PAGE	MARKS
MATHEMATICS	3	
	5	
	7	
KEY STAGE 2 2001	9	
	11	
LEVELS	13	
TECT D	15	
<b>3–5</b>	17	
	TOTAL	
CALCULATOR ALLOWED	BORDERLINE CHECK	





# Instructions

You may use a calculator to answer any questions in this test.

Work as quickly and as carefully as you can.

You have **45 minutes** for this test.

If you cannot do one of the questions, **go on to the next one**. You can come back to it later, if you have time.

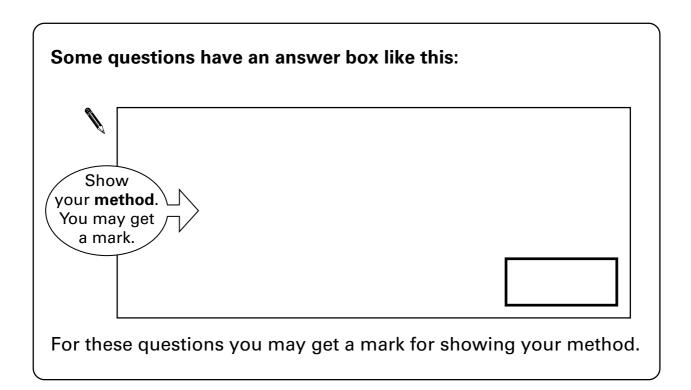
If you finish before the end, go back and check your work.

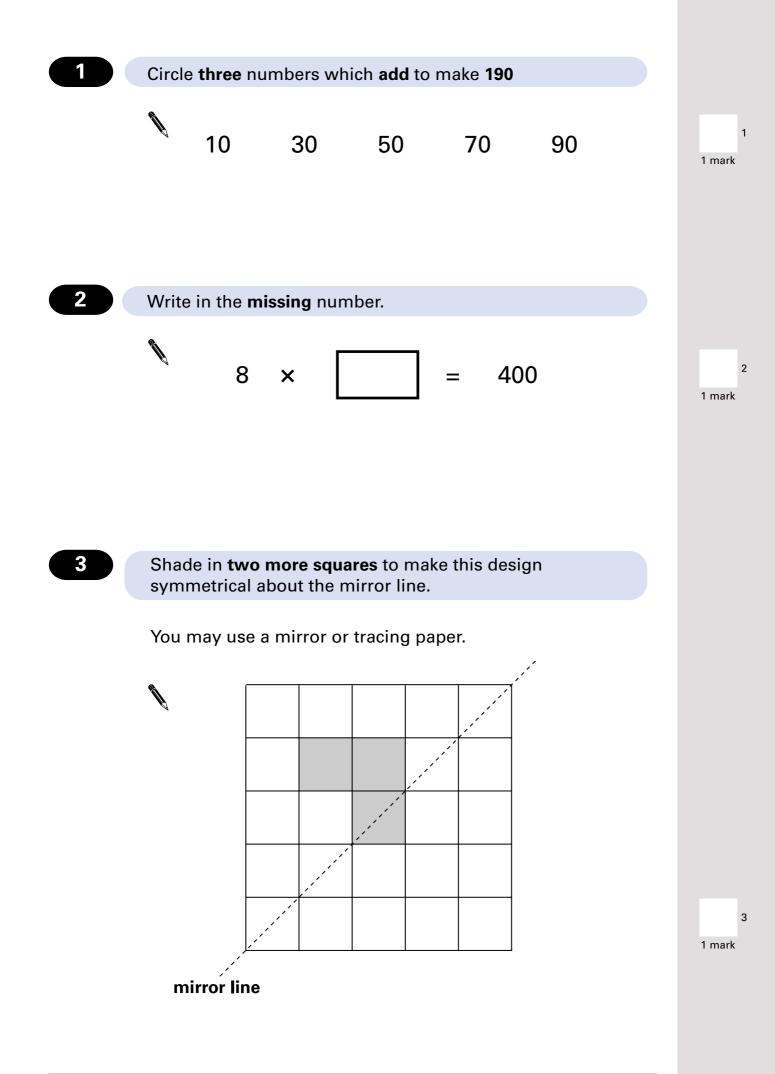
#### Follow the instructions for each question carefully.

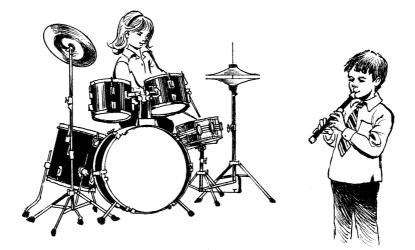


This shows where you need to put the answer.

If you need to do working out, you can use any space on a page.

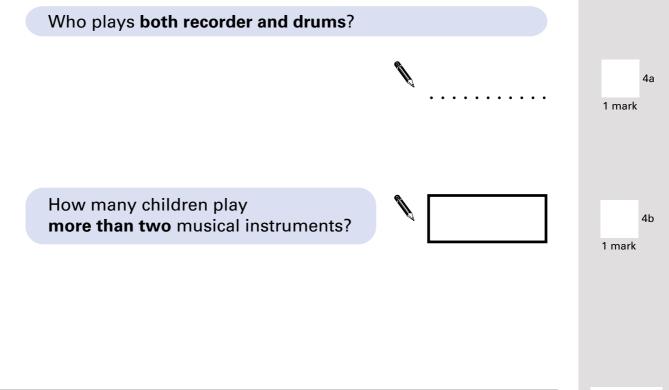


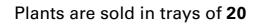




This chart shows the musical instruments some children play.

	Lena	John	Rashid	Nicola	Yin
drums	<b>\</b>	~		~	
keyboard			~		
trumpet	1				✓
recorder			1	1	1
piano	1	1	1		







lvana buys **7 trays** of plants.

How many plants is this?

David wants **240 plants**.

How many trays does he need to buy?

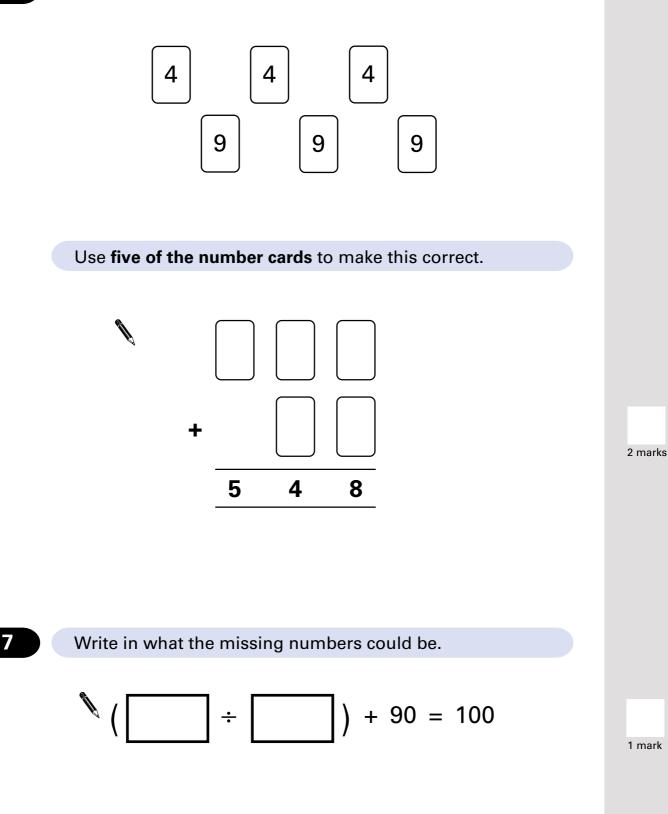
5b

1 mark

5a

1 mark

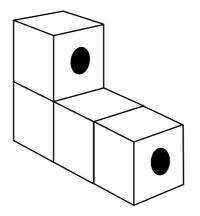
6



6

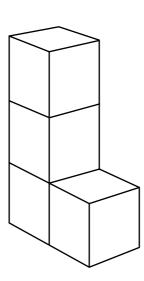
Tom makes this shape from four cubes stuck together.

Two circles are drawn on the shape.



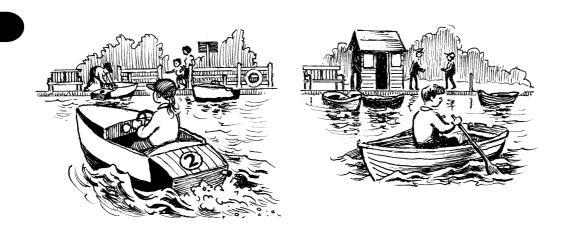
Tom moves the shape.

Draw the **circles** on the shape in its new position.



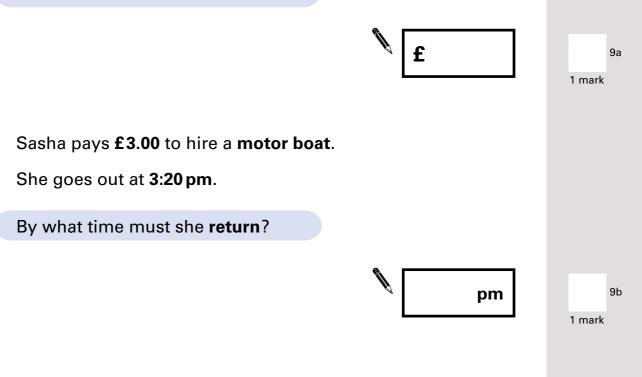
1 mark

8



Boat Hire				
Motor boats	Rowing boats			
£1.50 for 15 minutes	£2.50 for 1 hour			

How much does it cost to hire a **rowing boat** for three hours?





This is the cost to visit the waxworks.

Adults	£8.50
Children	£4.50

On Friday morning **12 adults** and **20 children** visit the waxworks.

How much do they pay altogether?

Show your method. You may get a mark. £ 2 marks

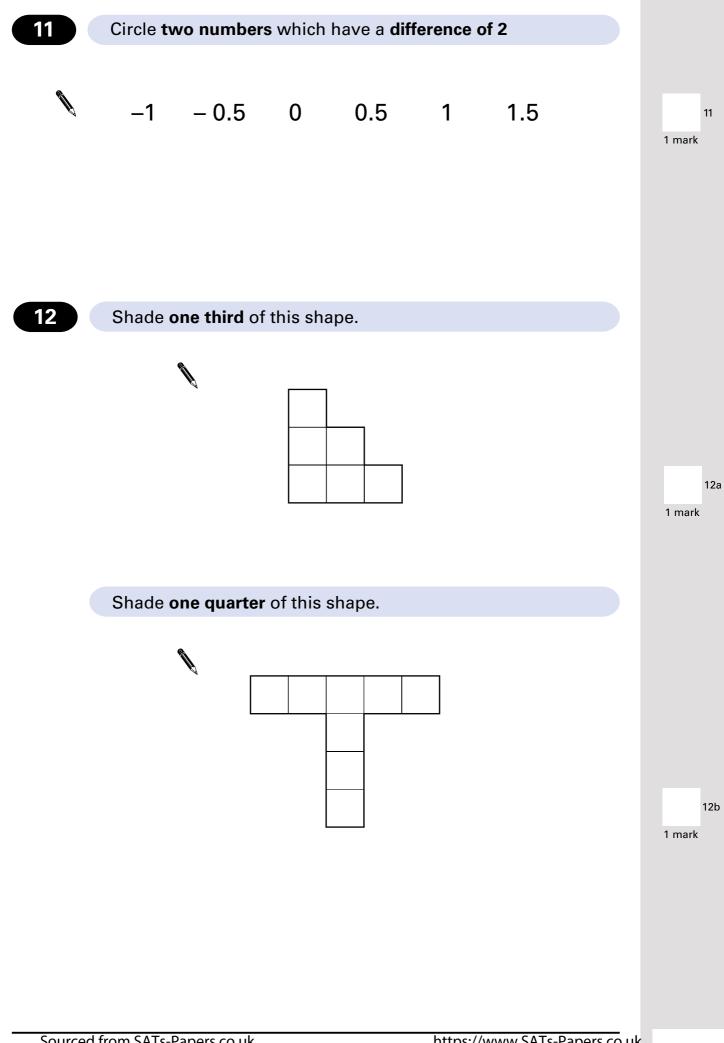
Guide books cost £1.50 each.

The waxworks sells **£24** worth of **guide books**.

How many guide books is this?

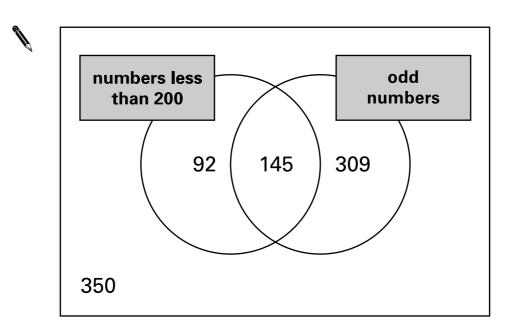
1 mark

10a



## Write these numbers in the correct places on the Venn diagram.

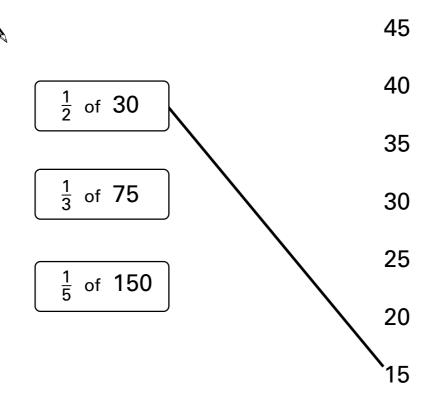
Some numbers are already placed.



#### 14

Match each box to the correct number.

One has been done for you.



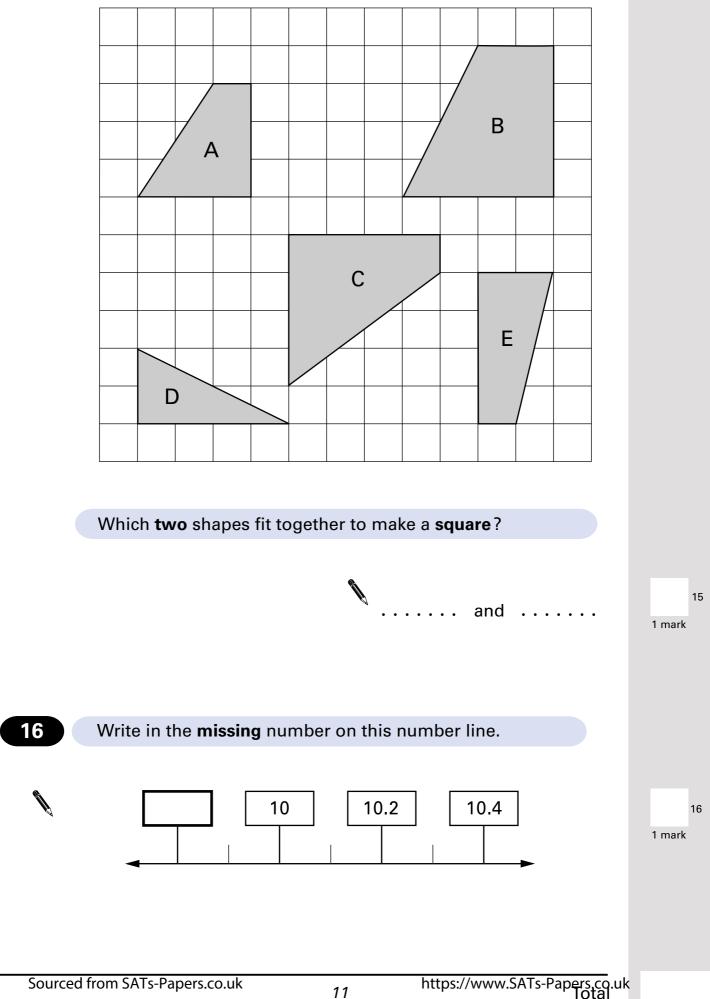
2 marks

13

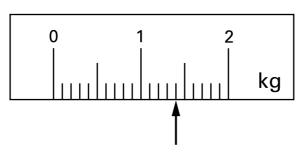


1 mark

Here are five shapes on a square grid.



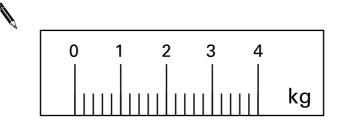
On this scale, the arrow (†) shows the weight of this pineapple.







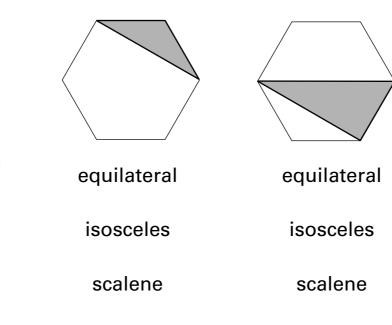
Mark with an arrow (**†**) the weight of the **same** pineapple.





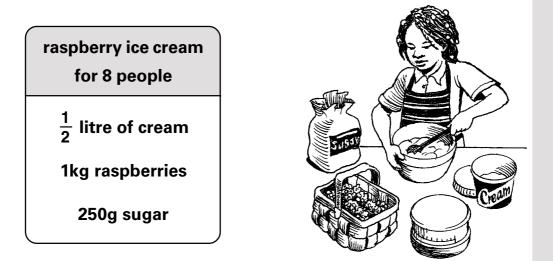
These two shaded triangles are each inside a regular hexagon.

Under each hexagon, put a ring around the correct name of the shaded triangle.



18

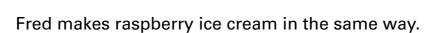
1 mark



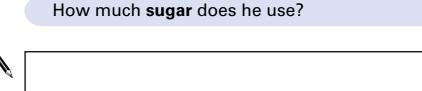
This recipe is for 8 people.

Josie makes enough raspberry ice cream for **12 people**.

How much **cream** does she use?



He uses  $2\frac{1}{2}$ kg of raspberries.

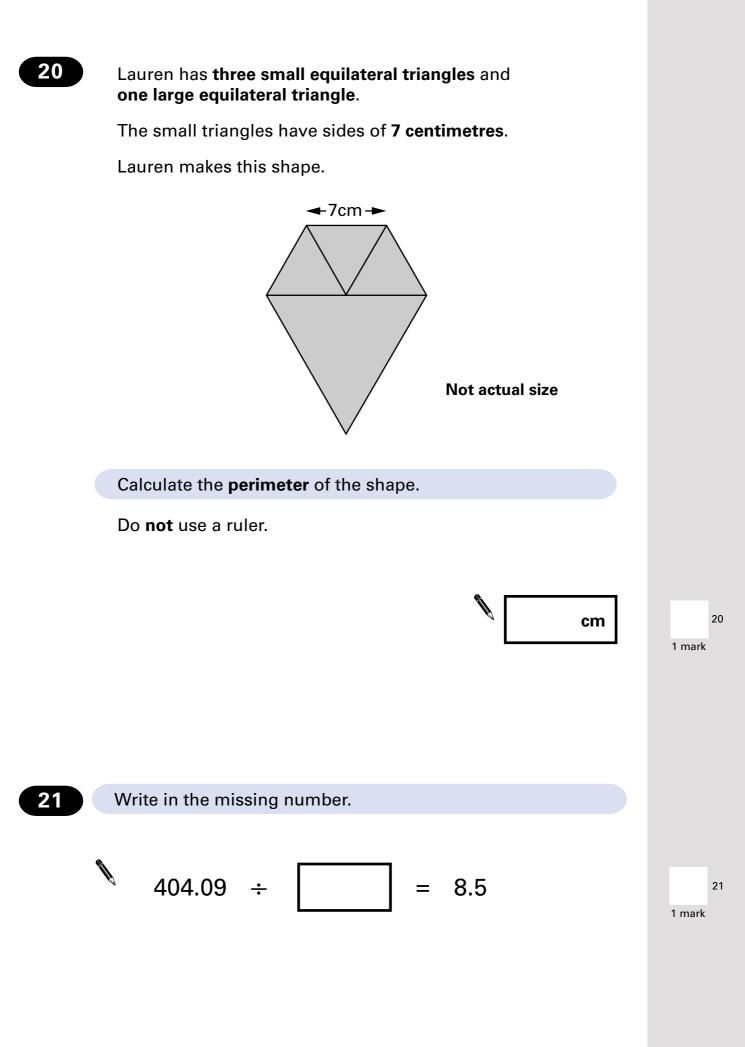


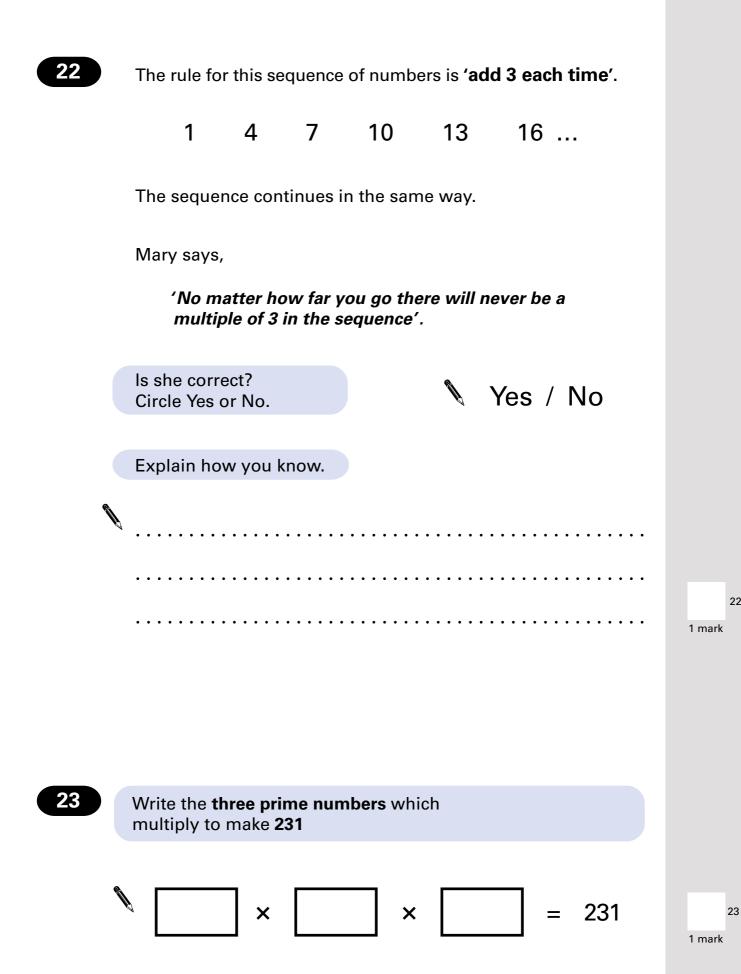
Show your **method**. You may get a mark. 19a

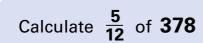
1 mark

litre

g







1 mark

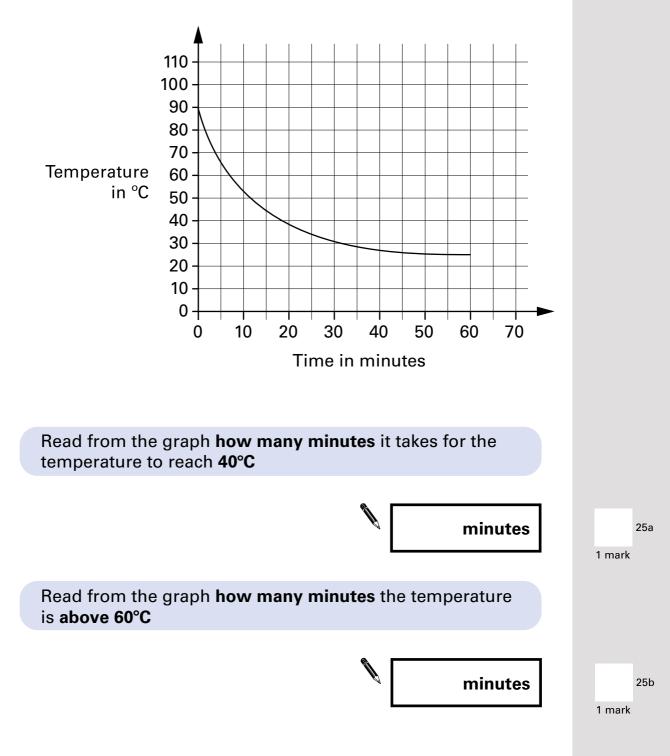
24

### 25

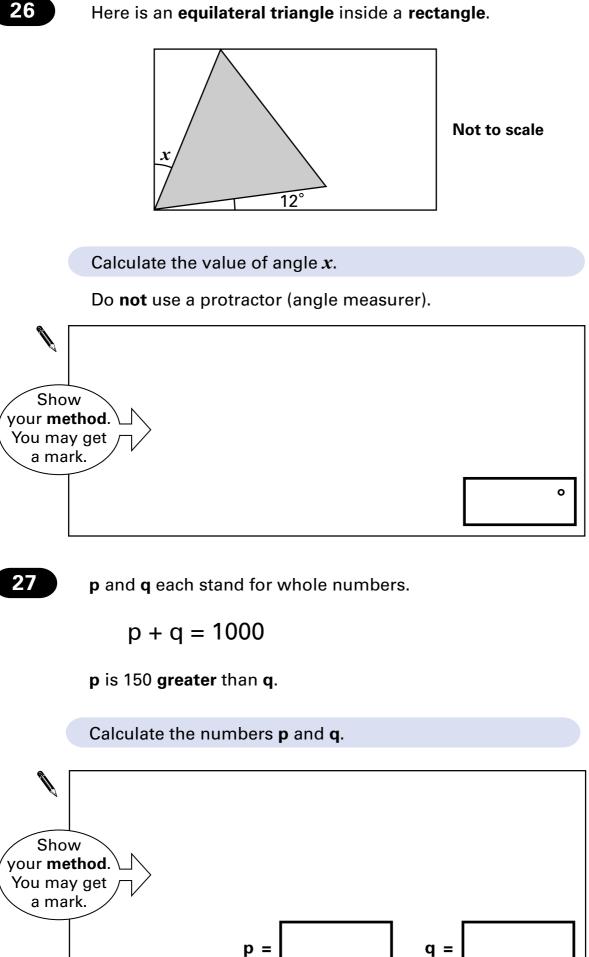
24

A hot liquid is left to cool in a science experiment.

This graph shows how the temperature of the liquid changes as it cools.



#### Here is an equilateral triangle inside a rectangle.



17

2 marks

27

26

2 marks

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QCA key stage 2 team, 83 Piccadilly, London W1J 8QA

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