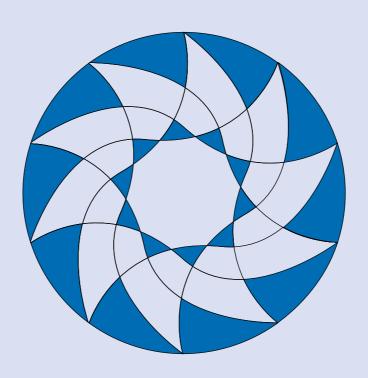
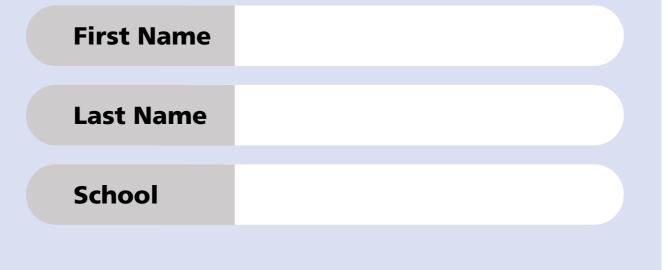
MATHEMATICS	PAGE	MARKS
MATHEMATICS	3	
	5	
	7	
KEY STAGE 2 2001	9	
	11	
LEVELS	13	
TECT D	15	
3–5	17	
	TOTAL	
CALCULATOR ALLOWED	BORDERLINE CHECK	





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.

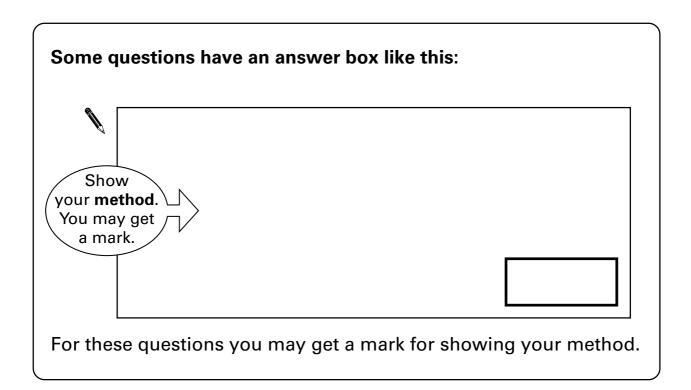
If you finish before the end, go back and check your work.

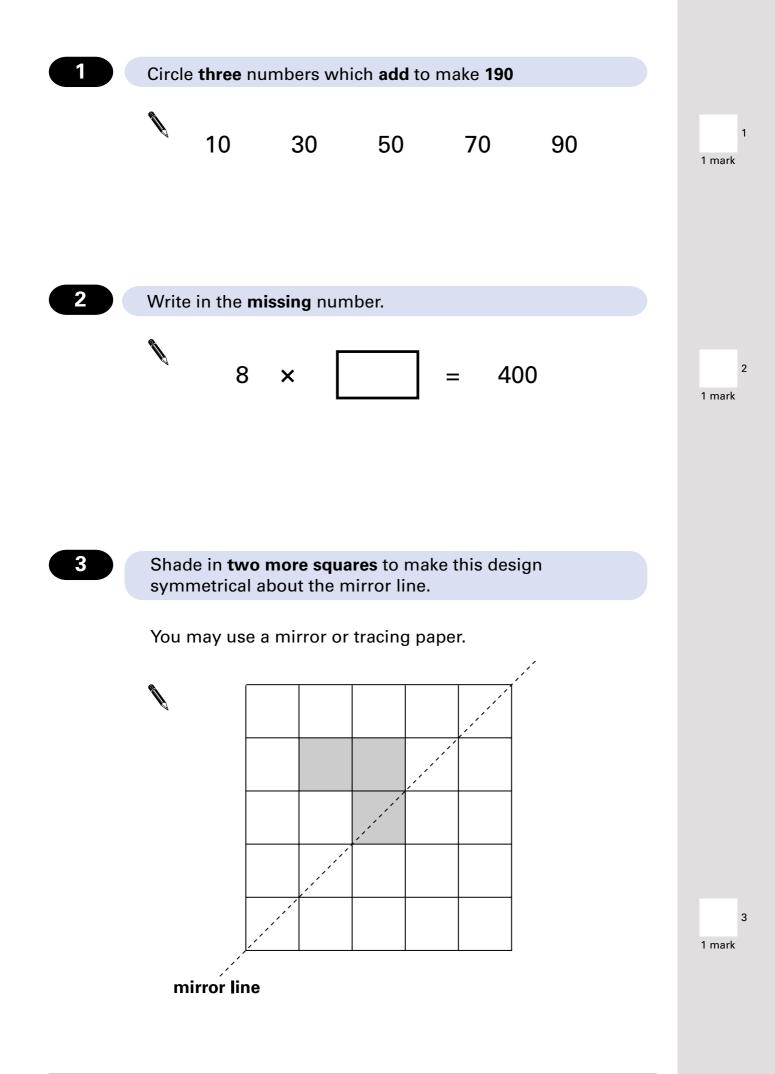
Follow the instructions for each question carefully.



This shows where you need to put the answer.

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

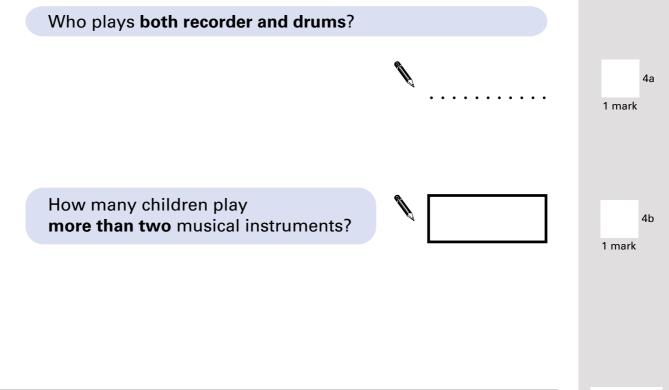


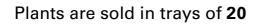




This chart shows the musical instruments some children play.

	Lena	John	Rashid	Nicola	Yin
drums	\	~		~	
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?

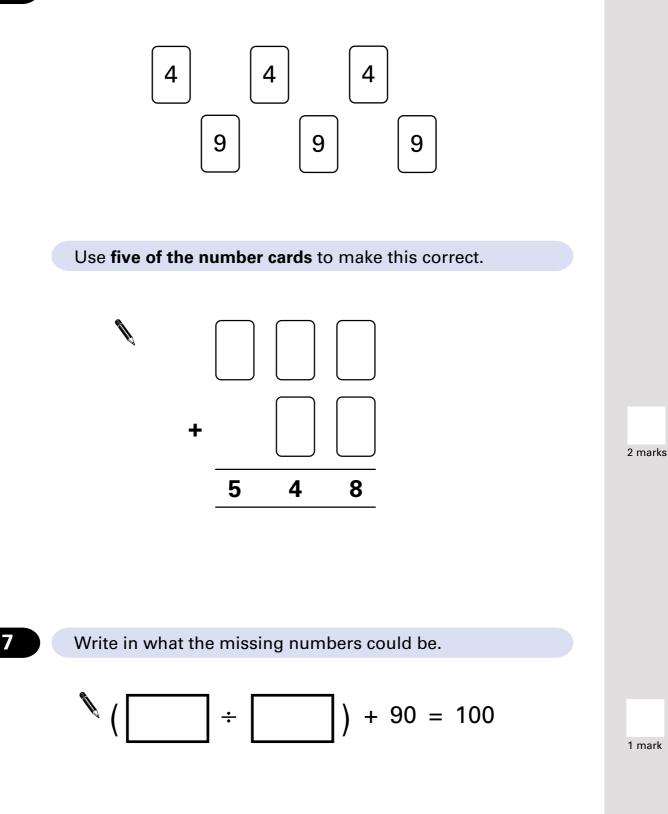
5b

1 mark

5a

1 mark

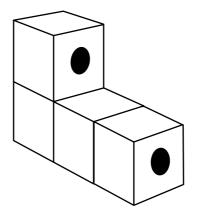
6



6

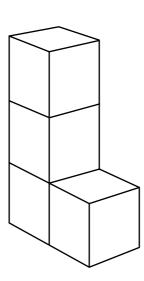
Tom makes this shape from four cubes stuck together.

Two circles are drawn on the shape.



Tom moves the shape.

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



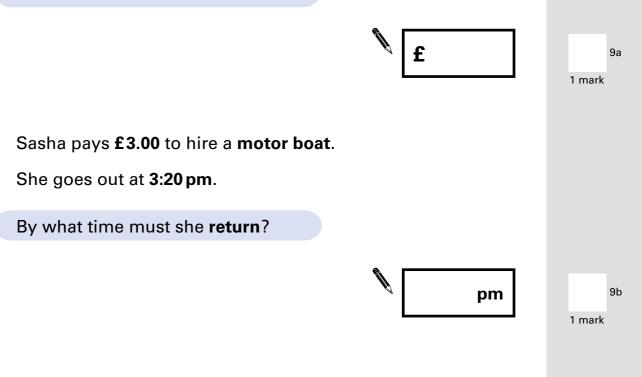
1 mark

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

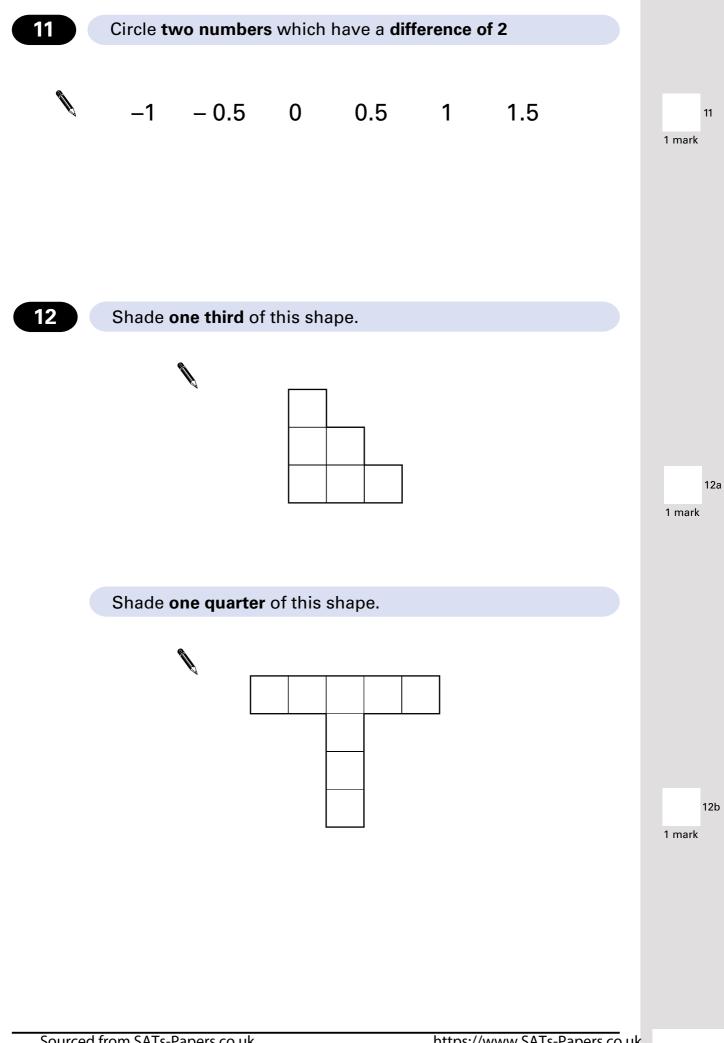
Guide books cost £1.50 each.

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

How many guide books is this?

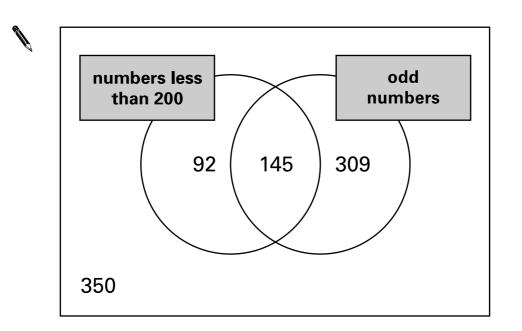
1 mark

10a



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

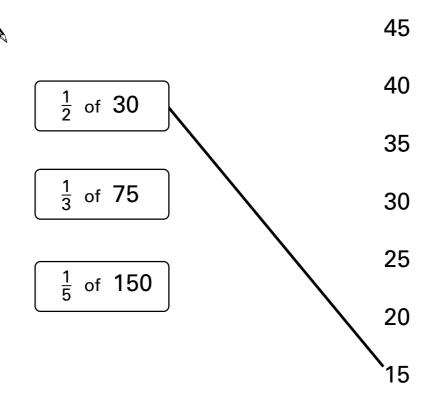
Some numbers are already placed.



14

Match each box to the correct number.

One has been done for you.



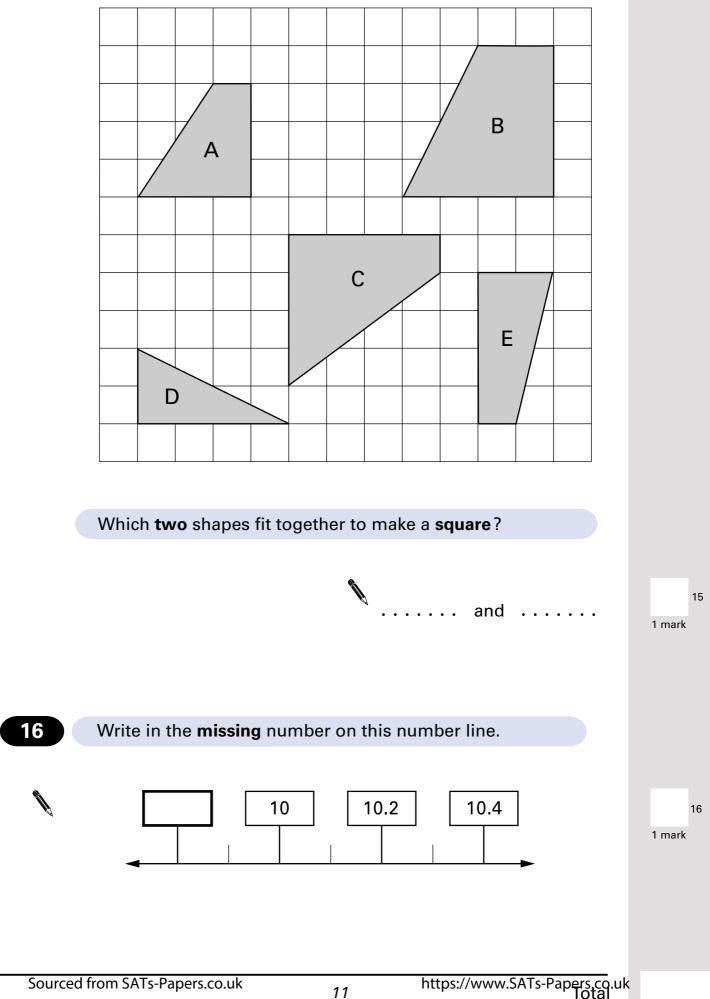
2 marks

13

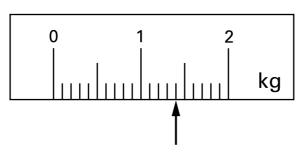


1 mark

Here are five shapes on a square grid.



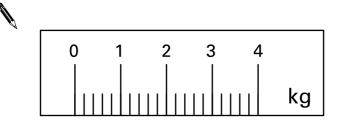
On this scale, the arrow (†) shows the weight of this pineapple.







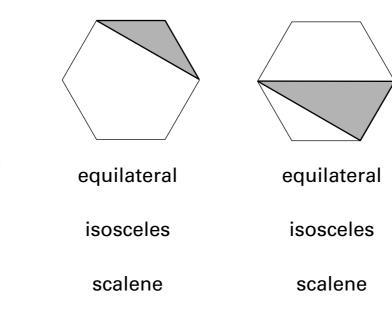
Mark with an arrow (**†**) the weight of the **same** pineapple.





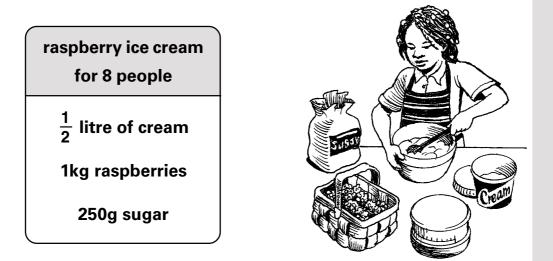
These two shaded triangles are each inside a regular hexagon.

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



18

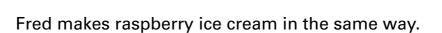
1 mark



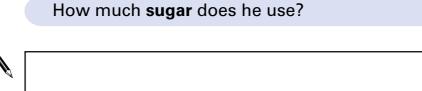
This recipe is for 8 people.

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

How much **cream** does she use?



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

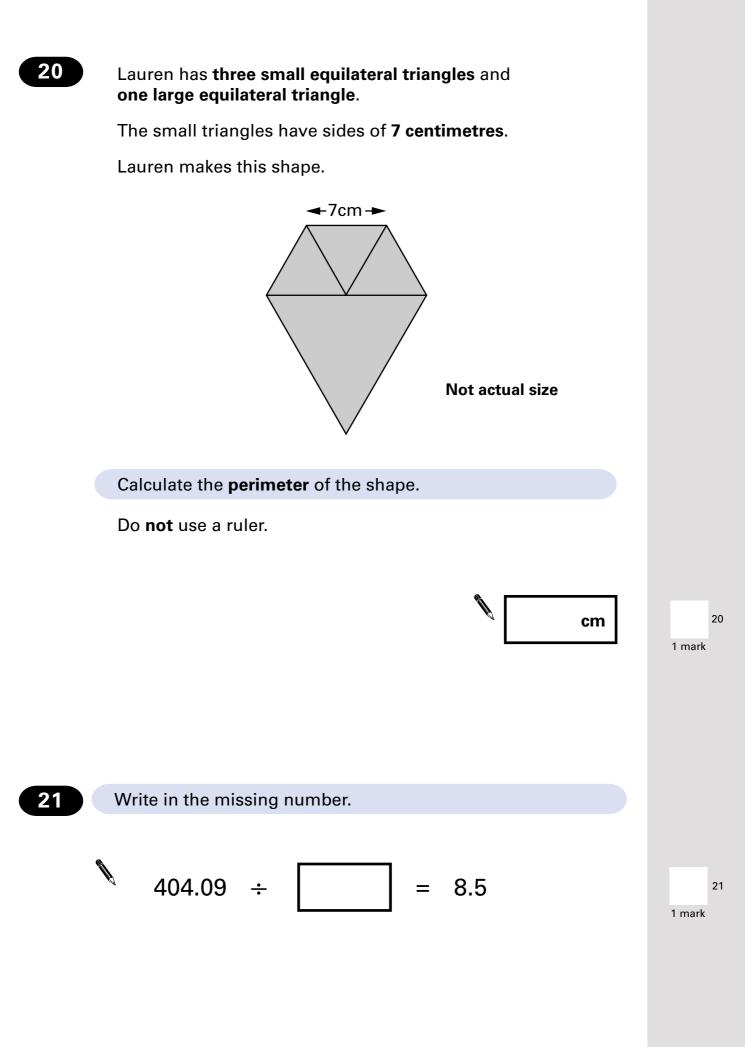


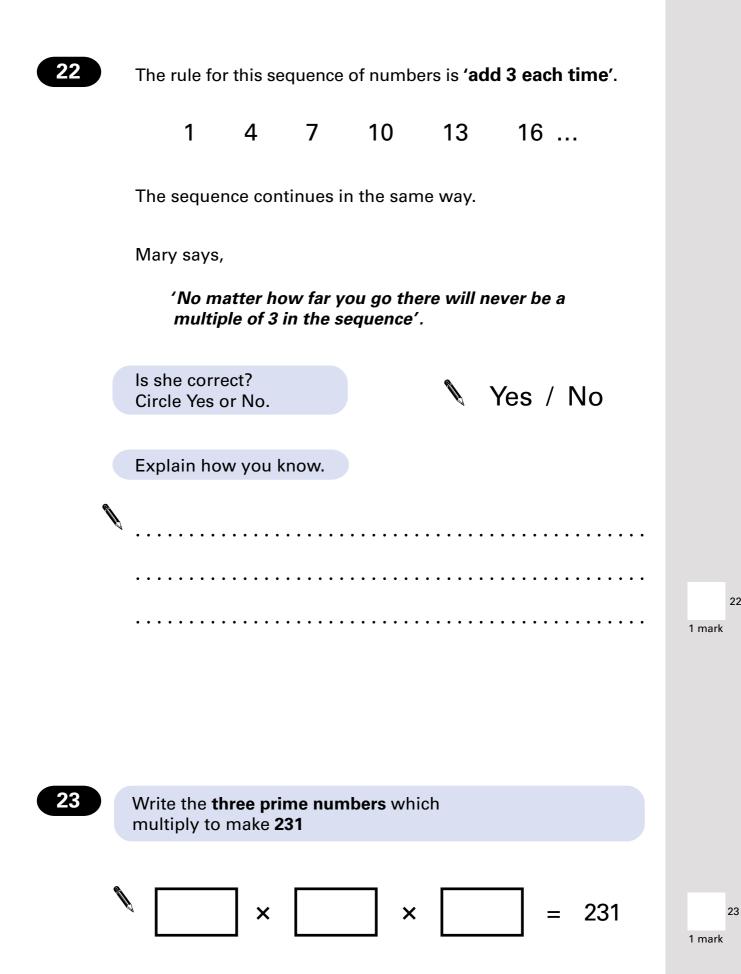
Show your **method**. You may get a mark. 19a

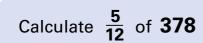
1 mark

litre

g







1 mark

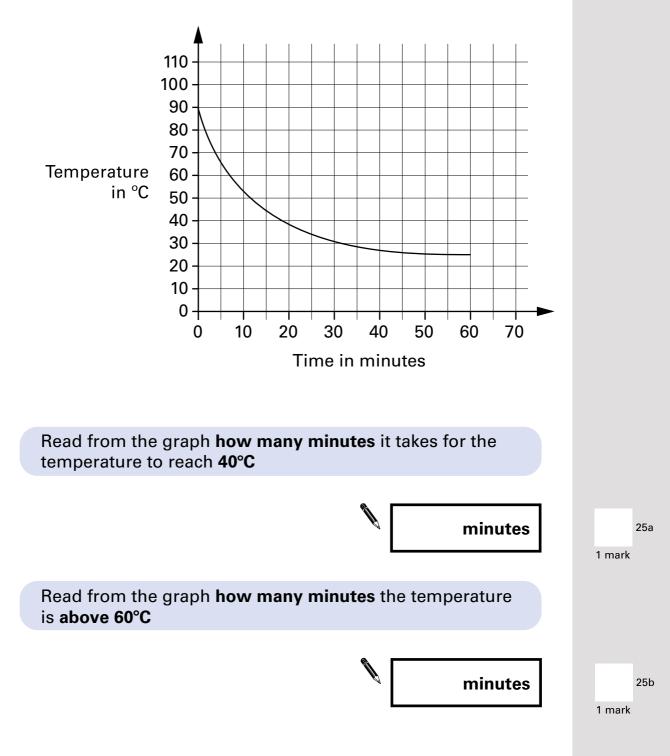
24

25

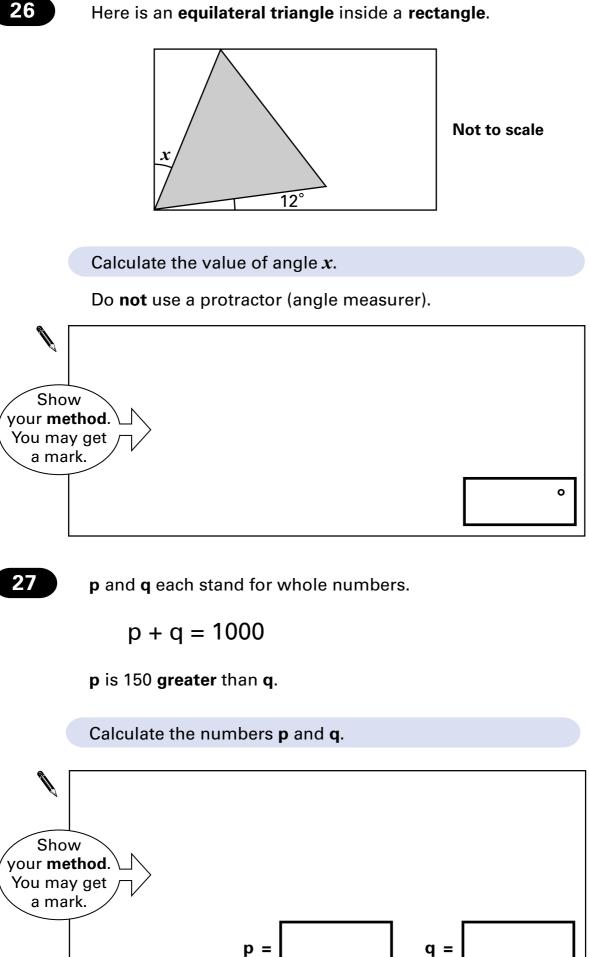
24

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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