

MATHEMATICS

YEAR 5

TEST 5A

LEVELS
3-5

CALCULATOR NOT ALLOWED

Total marks



Name

Class

School

Date

10Circle **all** the numbers that are **one more than a multiple of 4**

11

17

25

34

40

49

10

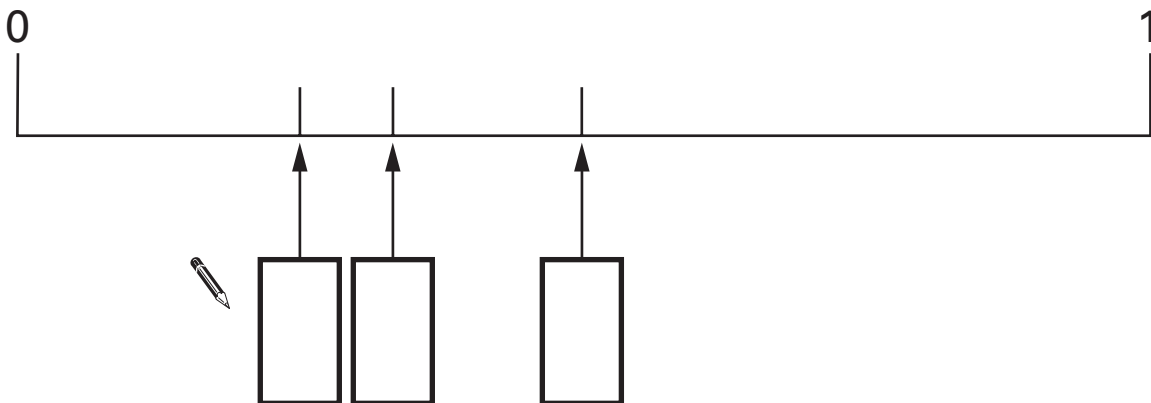
1 mark

11

Here are three fractions.

 $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

Write the fractions in the correct boxes on the number line.

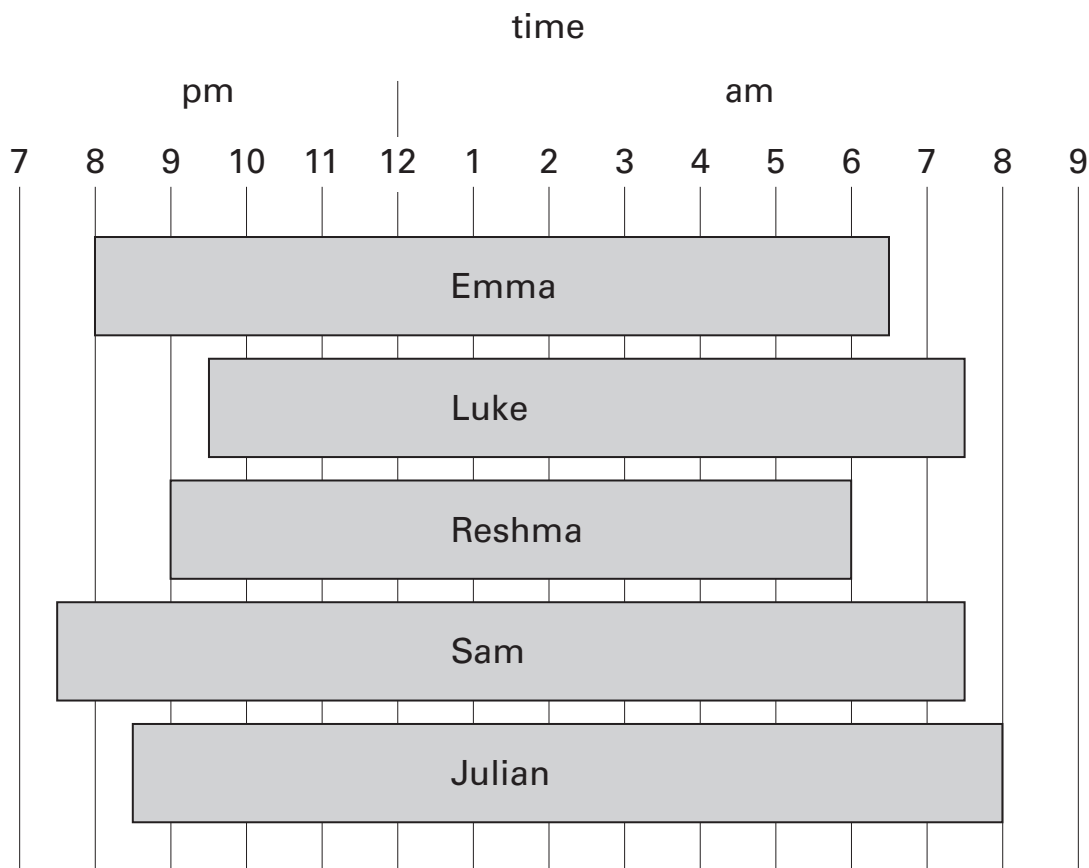


11

1 mark

12

This chart shows when some children were asleep one night.



For how many hours was Luke asleep?



12a

1 mark

How many children woke up after 7am?



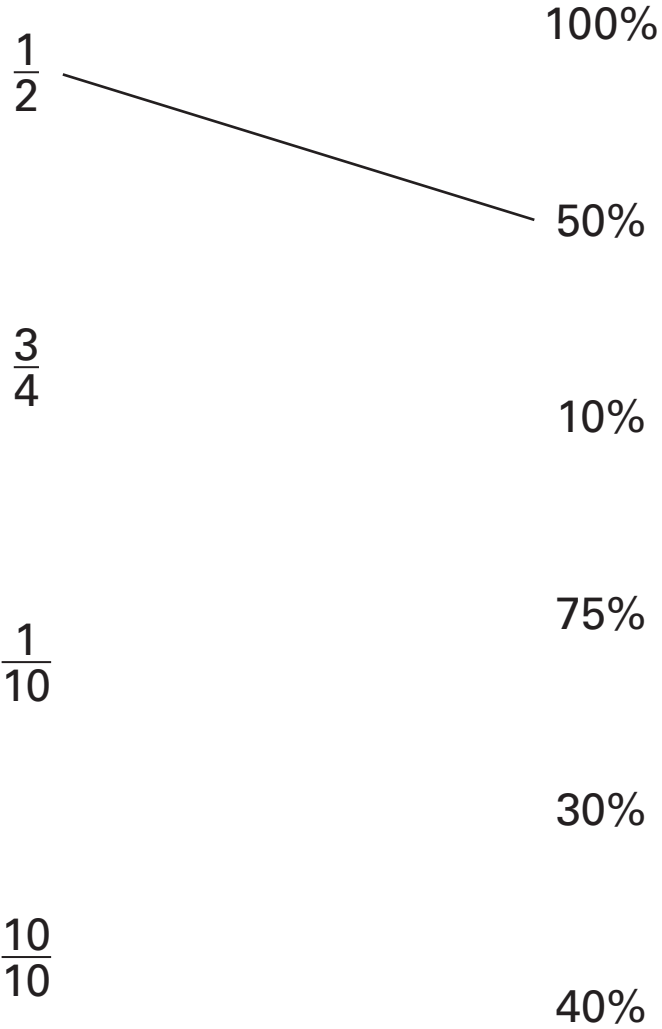
12b

1 mark

13

Match each fraction to the percentage which has the same value.

One has been done for you.



13

1 mark

14

Reshma buys 4 packets of balloons.

She pays with a £5 note and gets 40p change.



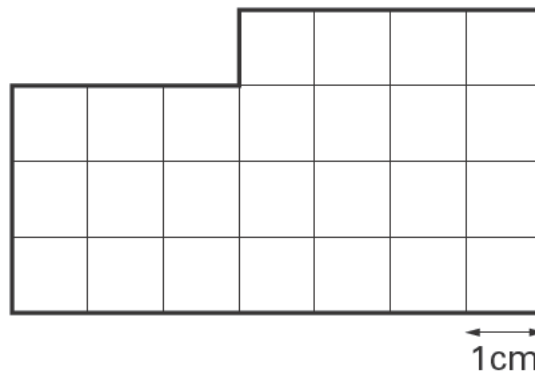
How much does **one packet** of balloons cost?

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

14i
14ii
2 marks

15

Here is a shape divided into centimetre squares.



Actual size

What is the **perimeter** of the shape?



15
1 mark

16

Calculate $222 \div 3$



16

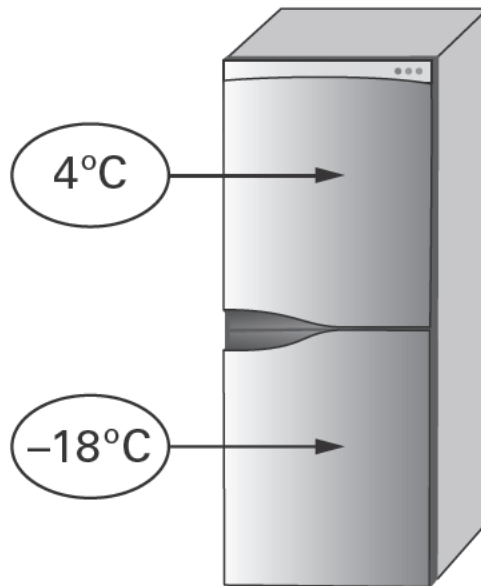
1 mark

17

This is a fridge-freezer.

The temperature in the fridge is 4°C .

The temperature in the freezer is -18°C .



What is the difference in temperature between the fridge and the freezer?



17

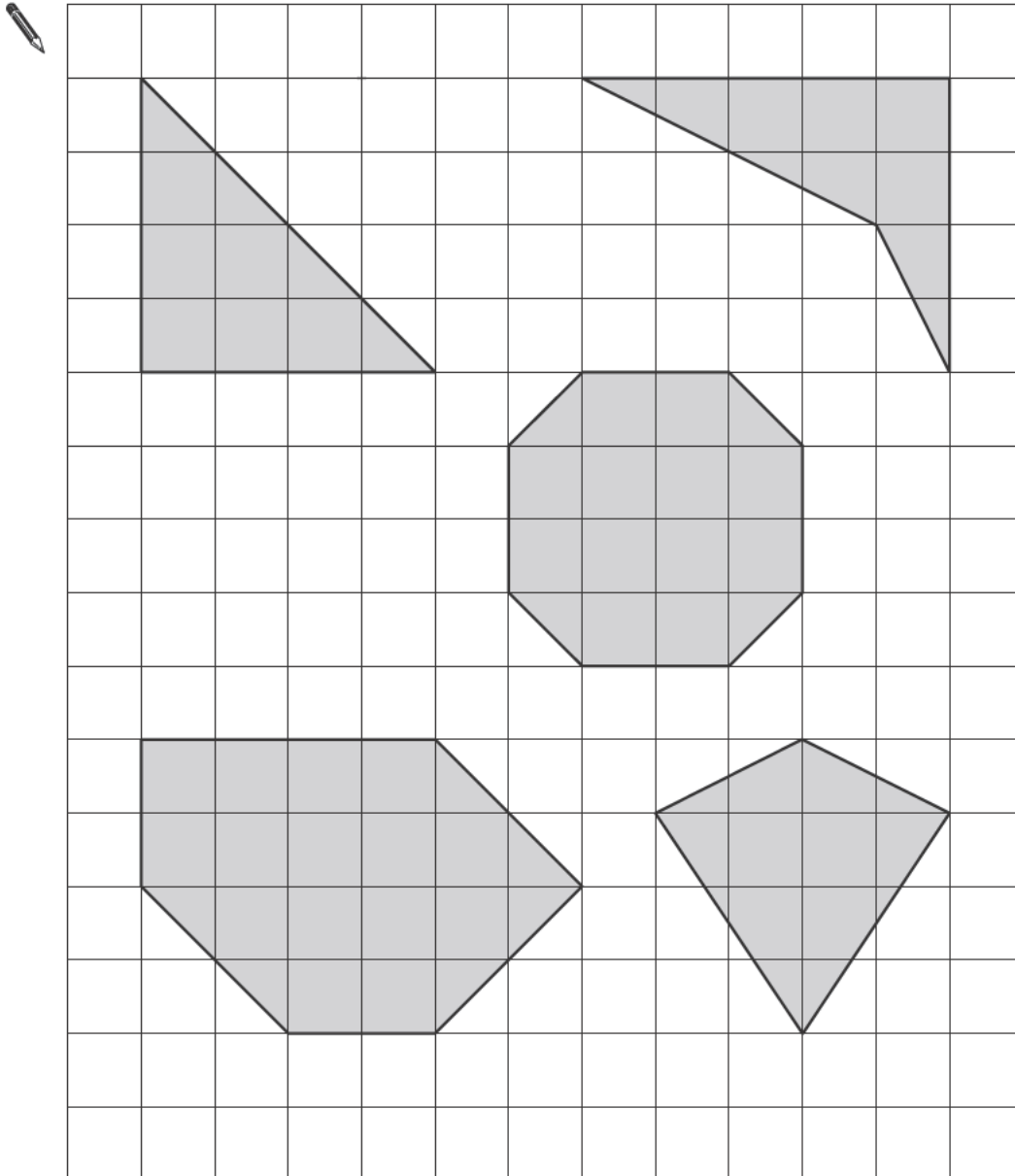
1 mark

18

Here are some shapes on a square grid.

One of the shapes has two right angles.

Tick (✓) the shape.



18

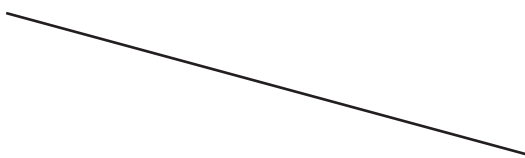
1 mark

19

Match each length to the correct box on the right.

One has been done for you.



60 mm 

600 cm

6 km

6 m

6 cm

600 m

60 m

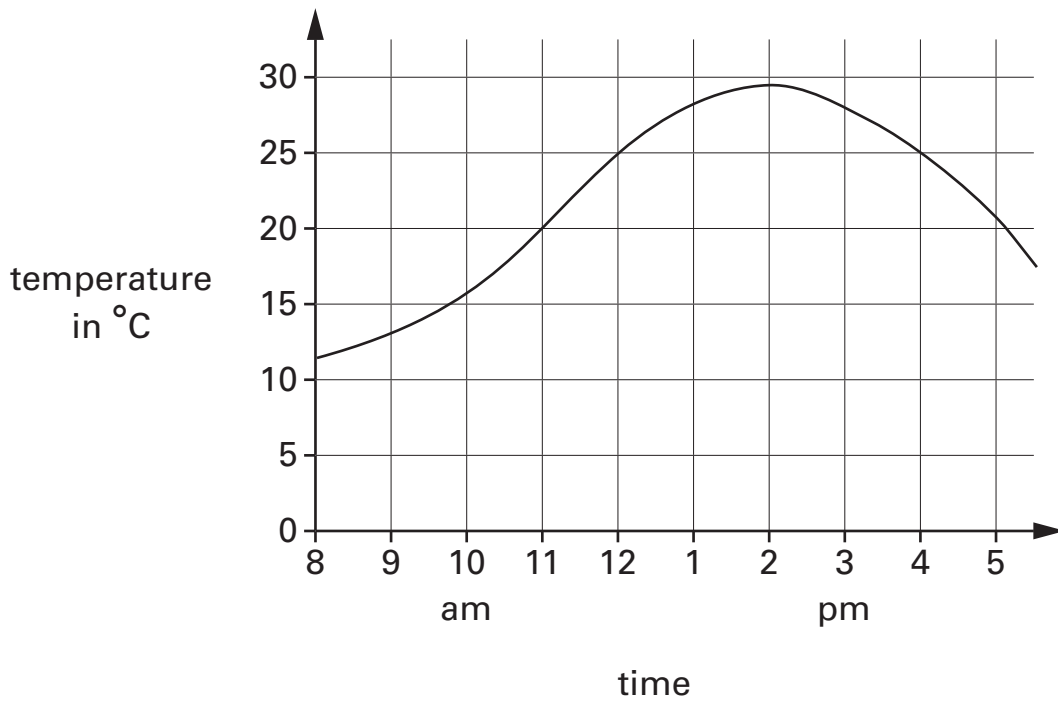
6000 m

19

1 mark

20

This graph shows the temperature on a day in July.



What is the temperature at 2pm?

 °C

20a
1 mark

Look at the graph.

For how many hours is the temperature **above 25°C**?

 hours

20b
1 mark

Here is the calendar for the August when Luke was on holiday.

August					
Monday	July 29	5	12	19	26
Tuesday	July 30	6	13	20	27
Wednesday	July 31	7	14	21	28
Thursday	1	8	15	22	29
Friday	2	9	16	23	30
Saturday	3	10	17	24	31
Sunday	4	11	18	25	Sept 1

Luke came back from holiday on August 4th.

He went on holiday two weeks **before** that date.

On what **date** did Luke go on holiday?



July

22

Calculate $4.51 + 11.6$




22


1 mark

23



Emma uses 5 shapes to balance a 50g weight on a scale.

Each  weighs 12g.

How much does each  weigh?



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

each  weighs g

23i

23ii

2 marks



Luke



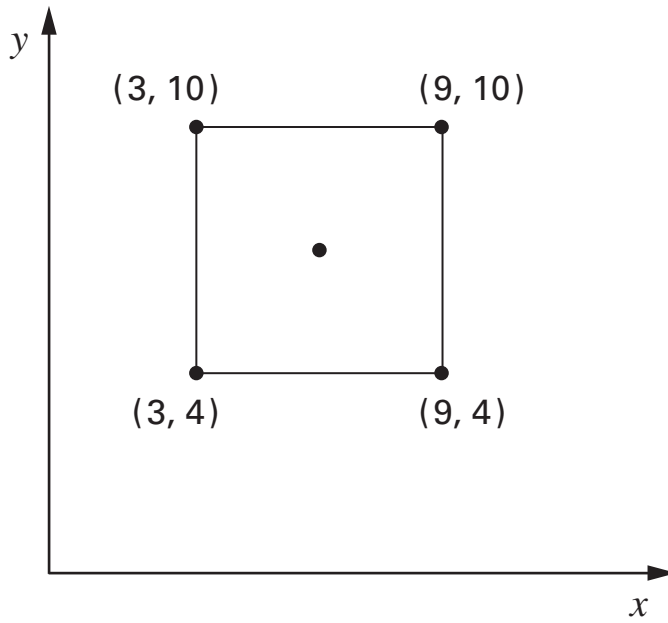
Emma



Reshma

24

Here is a square drawn on a coordinate grid.

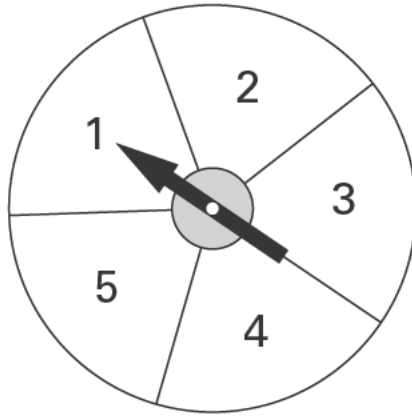


What are the coordinates of the point at the **centre** of the square?



24

1 mark



A spinner has the numbers 1 to 5 on it.

A dice has the numbers 1 to 6 on it.

The dice is rolled and the pointer is spun.

Emma says,

'You are more likely to get an odd number on the spinner than on the dice.'

Is she correct?
Circle **Yes** or **No**.



Yes / No

Explain how you know.



26Calculate 56×24 

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

26i

26ii

2 marks

27

The numbers in this sequence increase by equal amounts each time.

Write in the missing numbers.

 $2\frac{1}{2}$ $13\frac{1}{2}$ $24\frac{1}{2}$

27i

27ii

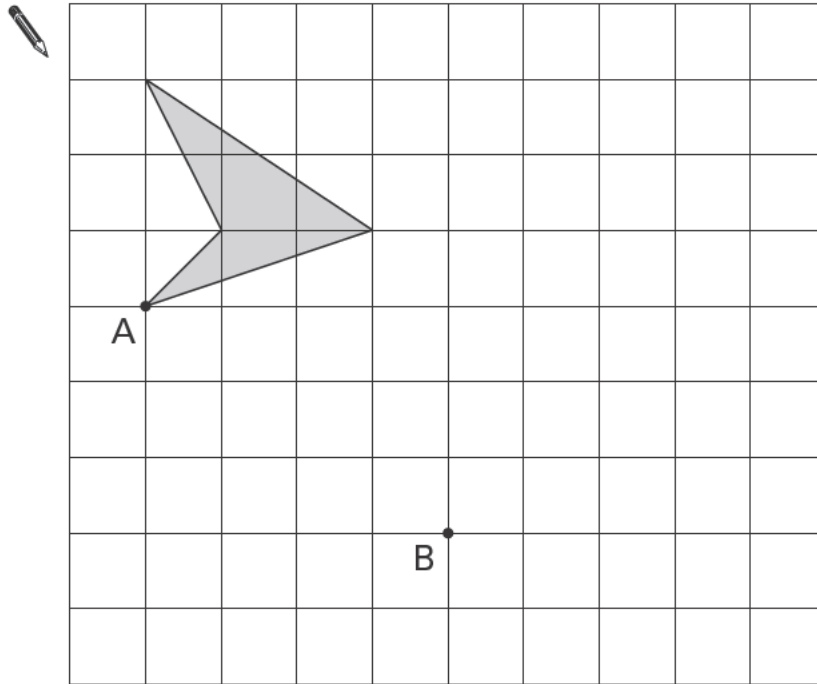
2 marks

28

Here is a shaded shape on a square grid.

Reshma **translates** the shape from point A to point B.

Draw the new position of the shape after the translation.



28

1 mark

Instructions

You **may not** 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.

Some questions have an answer box like this:

A diagram illustrating an answer box. It consists of a large outer rectangle and a smaller inner rectangle in the bottom right corner. A pencil icon is positioned at the top left of the large rectangle. A callout bubble with a right-pointing arrow contains the text: "Show your **working**. You may get a mark." This indicates that the space between the outer and inner rectangles is for showing working out, while the inner rectangle is for the final answer.

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

For these questions you may get a mark for showing your working.

1

Calculate $546 + 423$



1
1 mark

2

Here is a list of numbers.

1140

1400

1440

1040

1410

Complete these sentences.



The smallest number in the list is

The largest number in the list is

2
1 mark

3

Emma buys 5 bunches of flowers.

Each bunch of flowers costs £1.20



How much does Emma pay altogether?

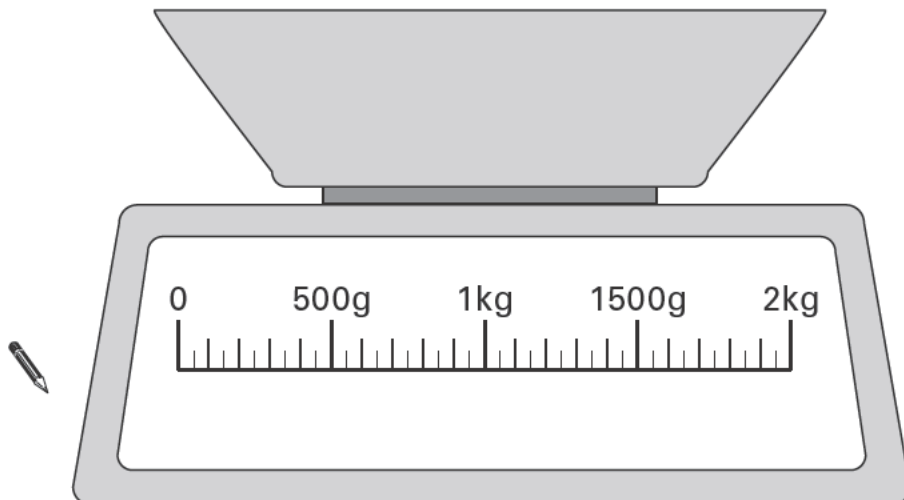


3
1 mark

4

Luke needs 200 grams of flour.

Draw an arrow (↑) on the scale to show 200g.



4
1 mark

5

There are **three** classes at Park School.

There are **78** children altogether.

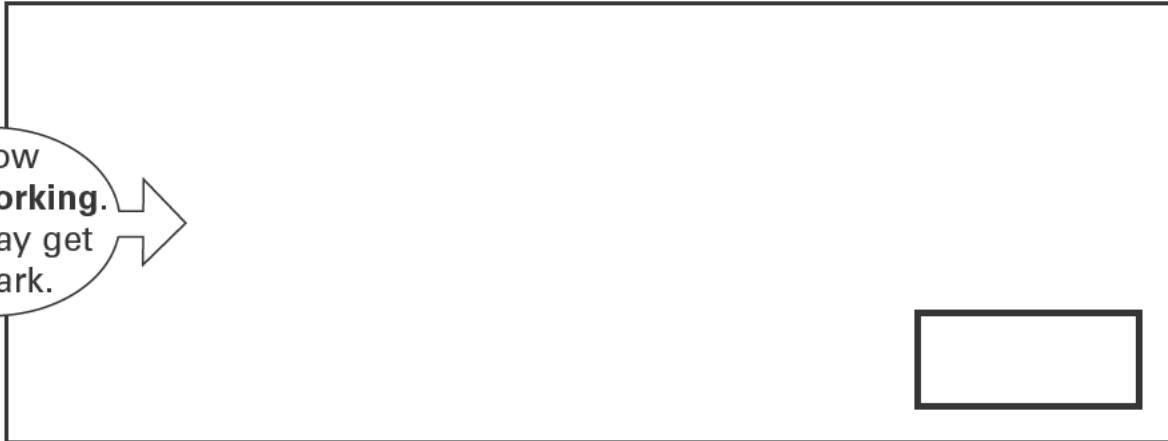
Look at the table.

Children at Park School

Class	Number of children
Class 1	23
Class 2	30
Class 3	?

Calculate how many children are in Class 3

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



5i

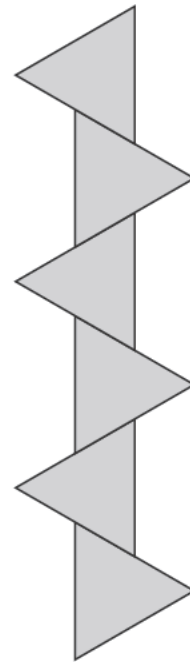
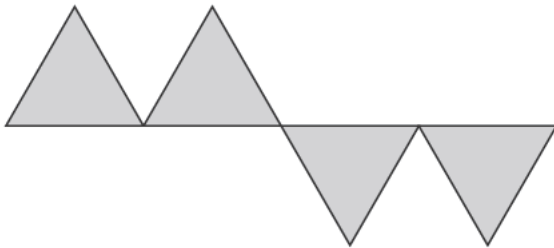
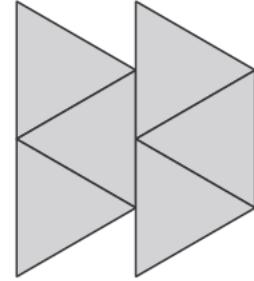
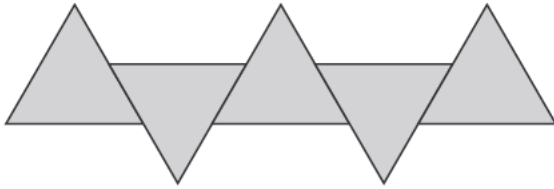
5ii

2 marks

6

Here are some patterns made with identical triangles.

Tick (✓) the **two** patterns that have a line of symmetry.



6

1 mark

7Calculate **317 – 180**

7

1 mark

8

Here are some pairs of numbers.

For each pair, circle the number that is **nearer to 5**

One has been done for you.

<input checked="" type="radio"/> 7.5	<input type="radio"/> 8.5
--------------------------------------	---------------------------



<input type="radio"/> 3.5	<input type="radio"/> 9.5
---------------------------	---------------------------

<input type="radio"/> 2.5	<input type="radio"/> 5.5
---------------------------	---------------------------

<input type="radio"/> 4.5	<input type="radio"/> 6.5
---------------------------	---------------------------

8

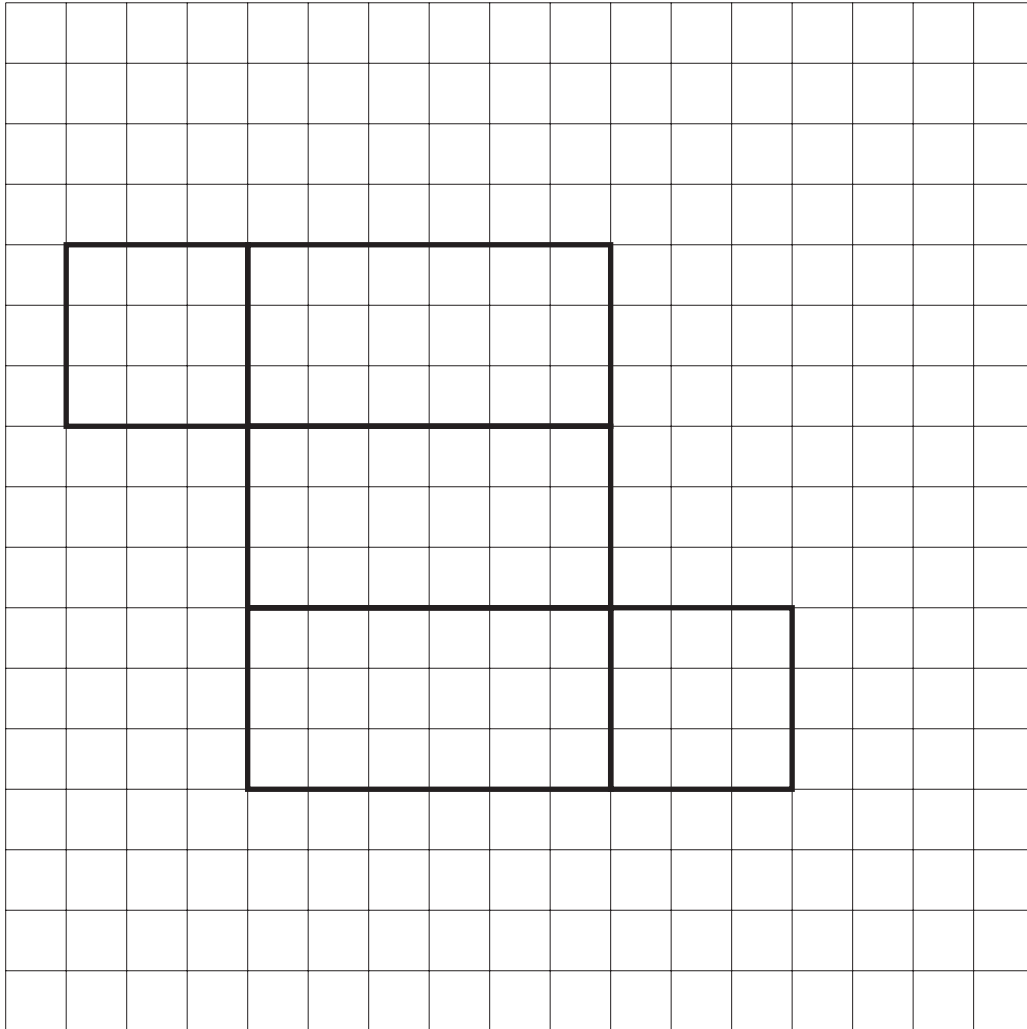
1 mark

9

Here is part of a net for a cuboid.

Draw in the missing face to complete the net.

Use a ruler.



9

1 mark