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MATHEMATICS

YEAR 5

TEST 5A

LEVELS 3–5

CALCULATOR **NOT** ALLOWED

Total marks

Name	
Class	
School	
Date	

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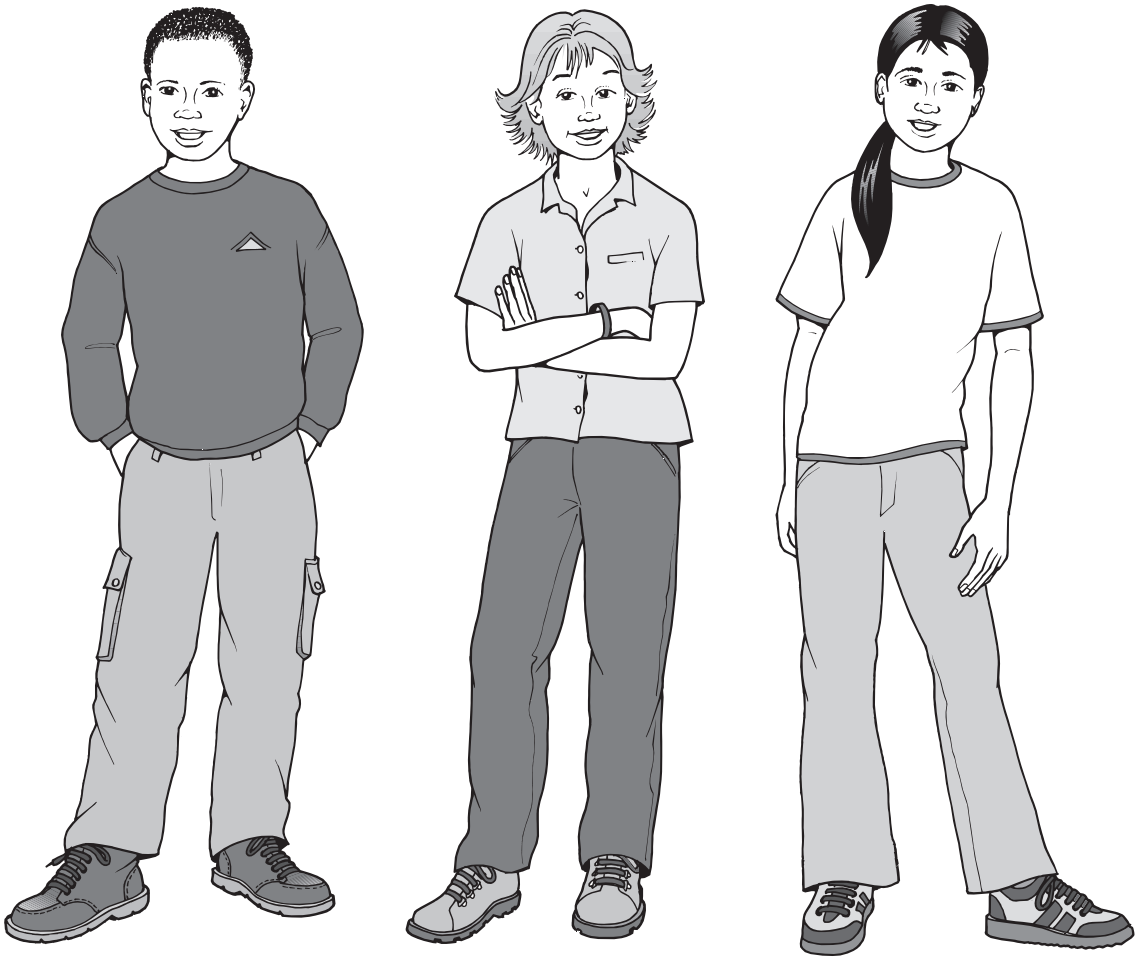

Luke Emma Reshma

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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.

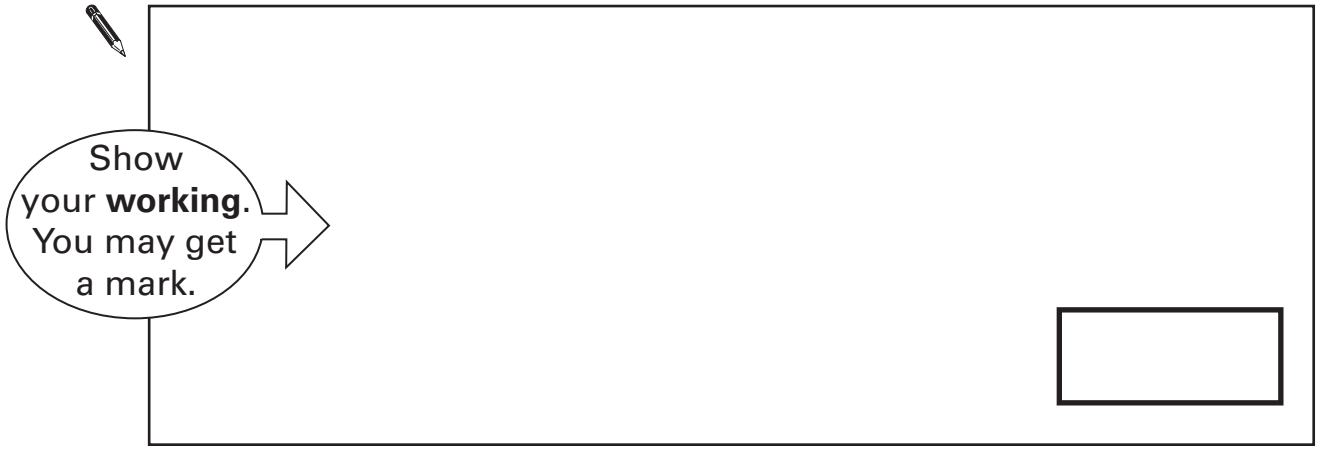
If you finish before the end, **go back and check your work**.

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:



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

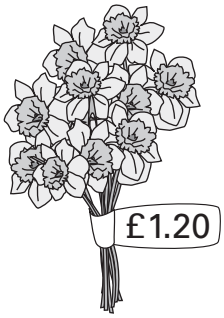
The largest number in the list is

2

1 mark

3 Emma buys 5 bunches of flowers.

Each bunch of flowers costs £1.20



How much does Emma pay altogether?

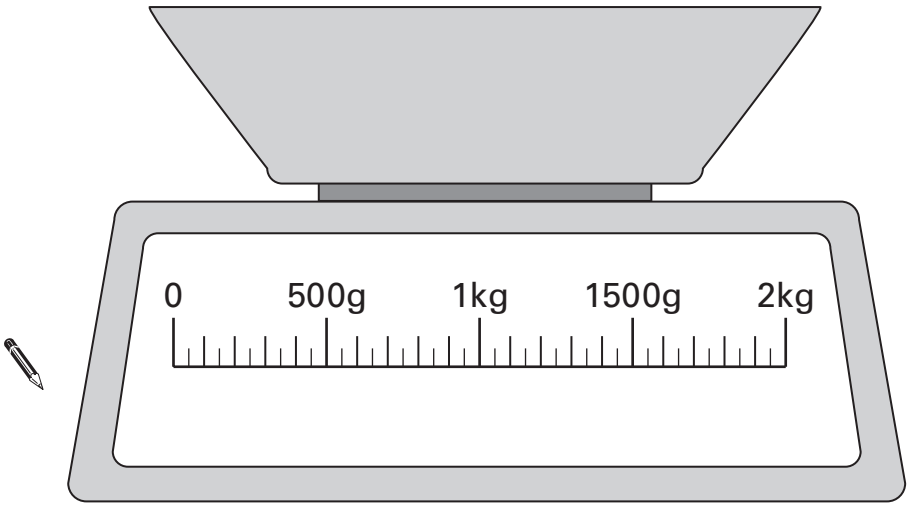
£

3

1 mark

4 Luke needs 200 grams of flour.

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



4

1 mark

Total out of 4

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

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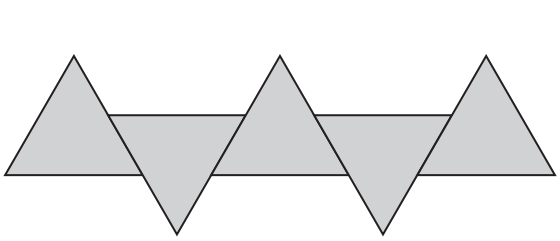
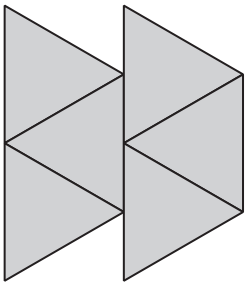
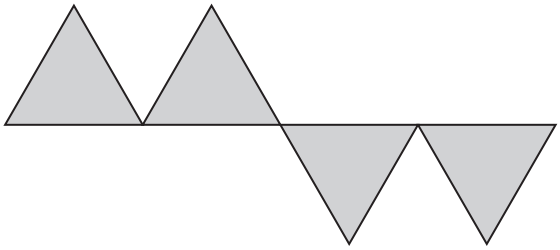
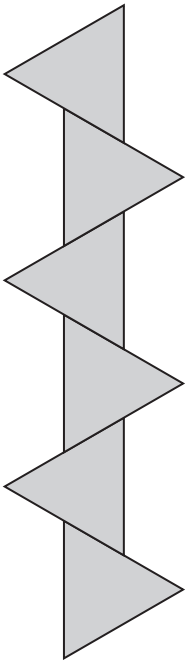
6 Here are some patterns made with identical triangles.

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









6

1 mark

Total out of 3

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7 Calculate **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.

(7.5)	8.5

3.5	9.5
2.5	5.5
4.5	6.5

8

1 mark

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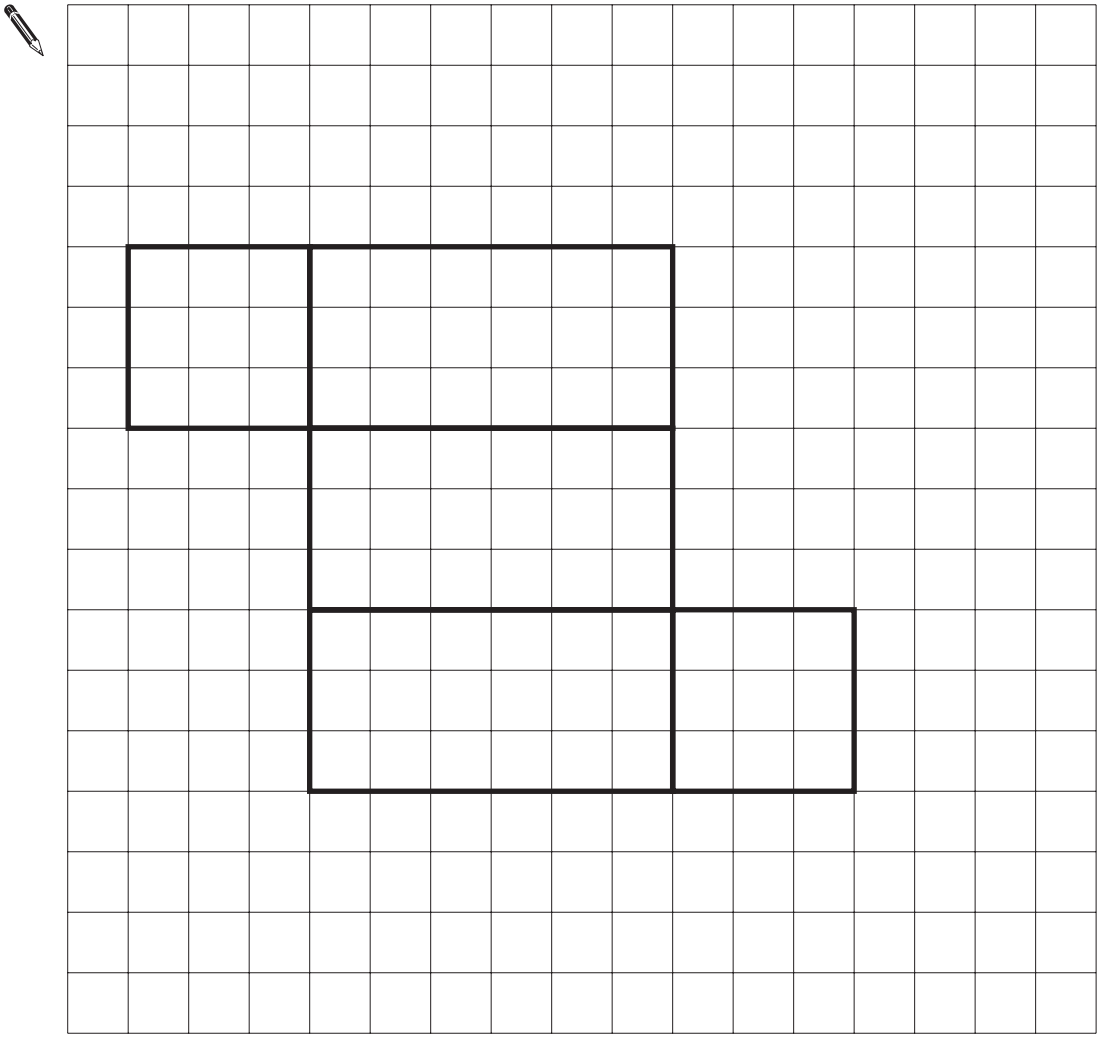
9 Here is part of a net for a cuboid.

Draw in the missing face to complete the net.

Use a ruler.



9

1 mark

Total out of 3

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

11 17 25 34 40 49

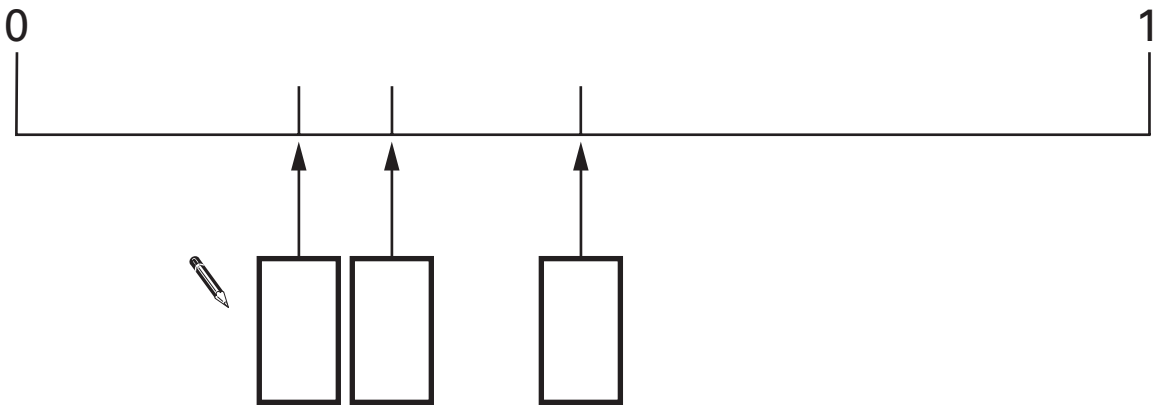
10

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

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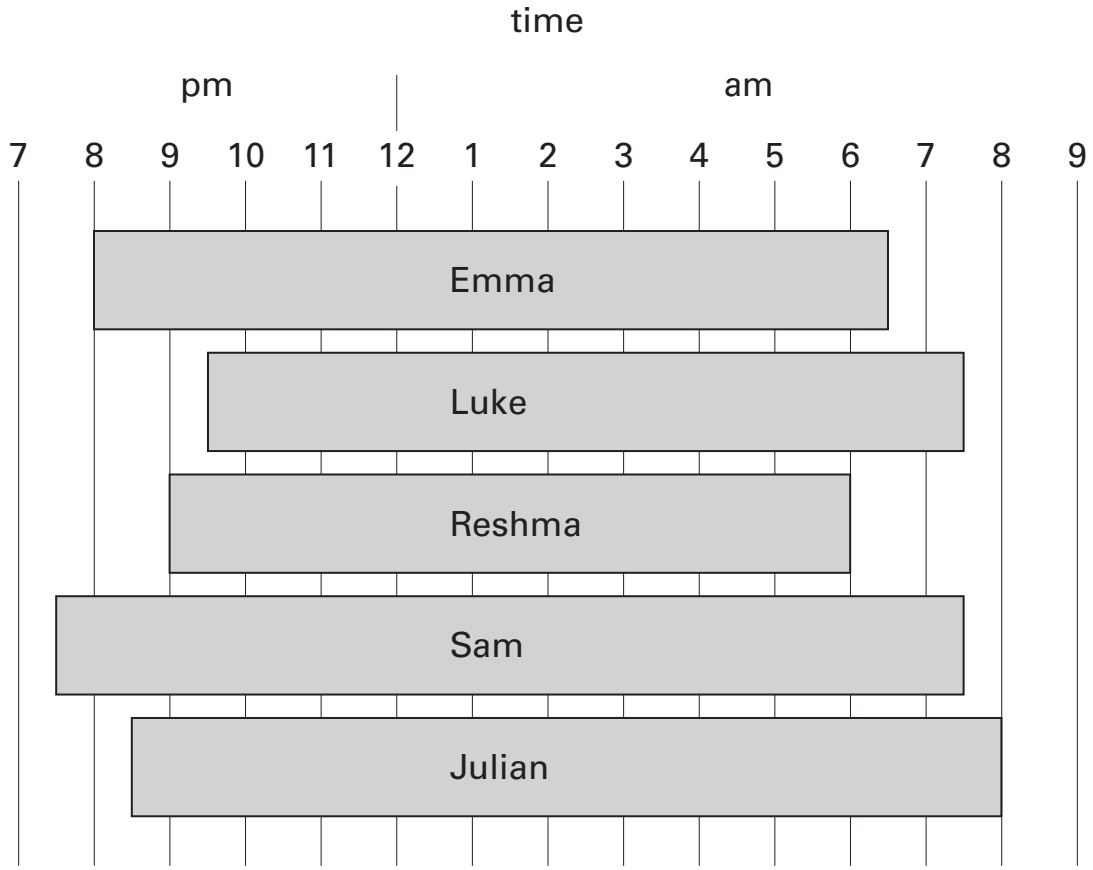
12 This chart shows when some children were asleep one night.



For how many hours was Luke asleep?

12a

1 mark

How many children woke up after 7am?

12b

1 mark

Total out of 4

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

One has been done for you.

$\frac{1}{2}$	100%
	50%
$\frac{3}{4}$	10%
	75%
$\frac{1}{10}$	30%
	40%
$\frac{10}{10}$	

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?

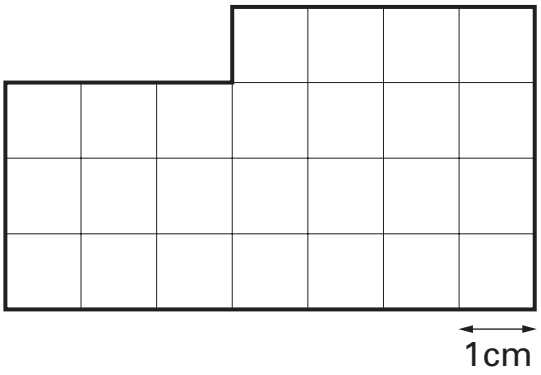
Show your **working**. You may get a mark.

14i

14ii

2 marks

15 Here is a shape divided into centimetre squares.



Actual size

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

cm

15

1 mark

Total out of 4

16 Calculate **222 ÷ 3**

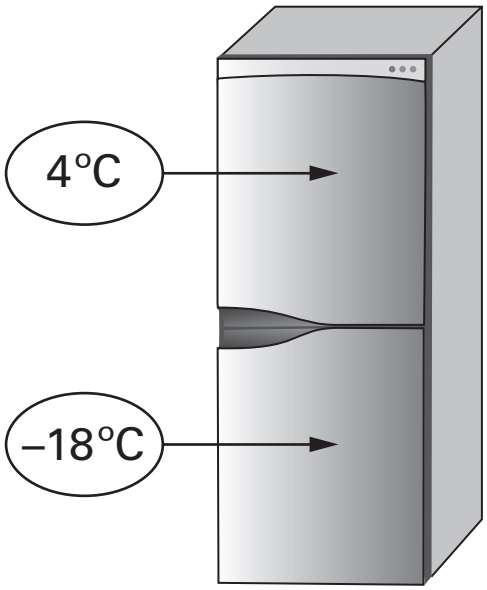
16

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?

degrees

17

1 mark

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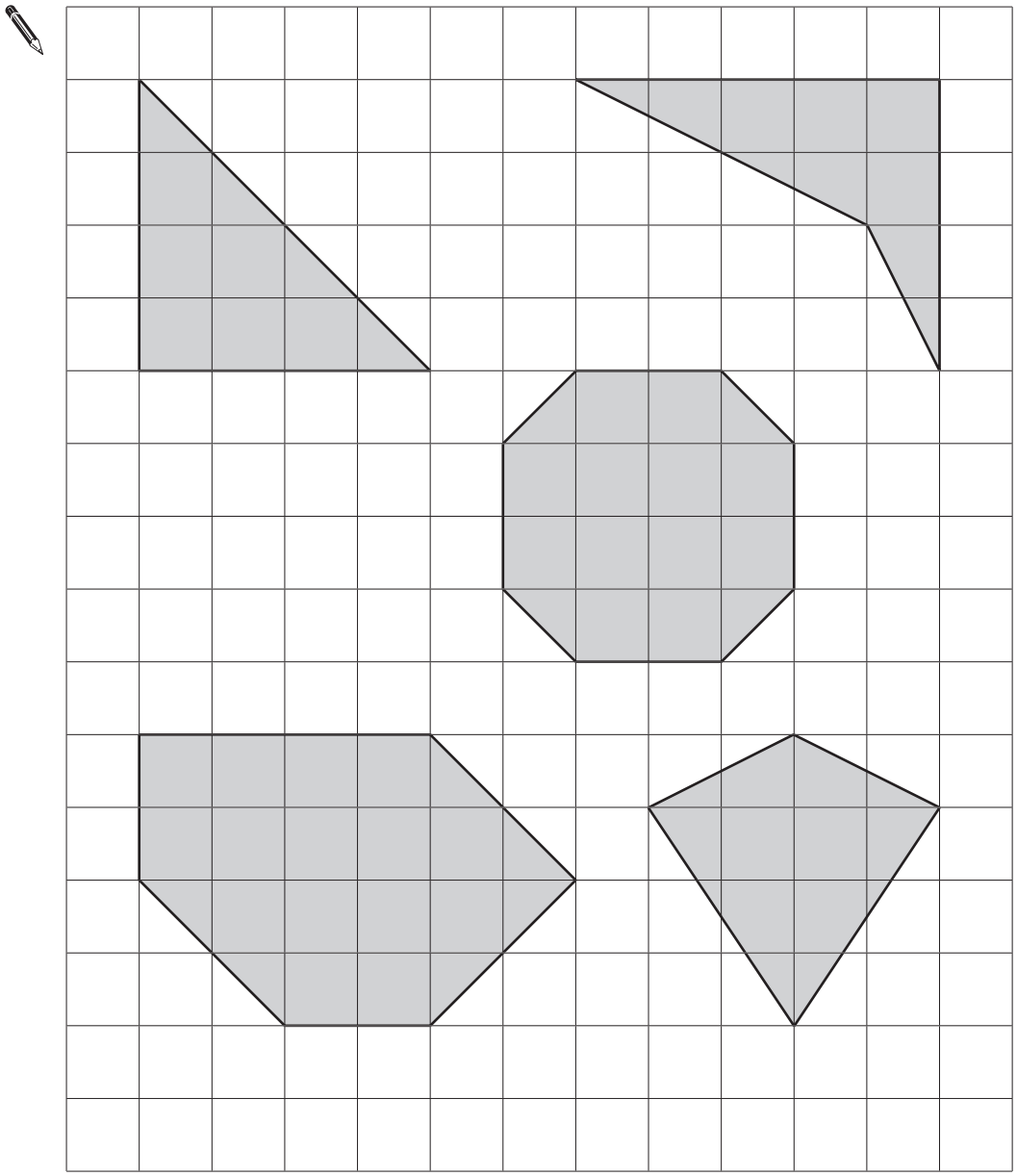
18 Here are some shapes on a square grid.

One of the shapes has two right angles.

Tick (✓) the shape.



18

1 mark

Total out of 3

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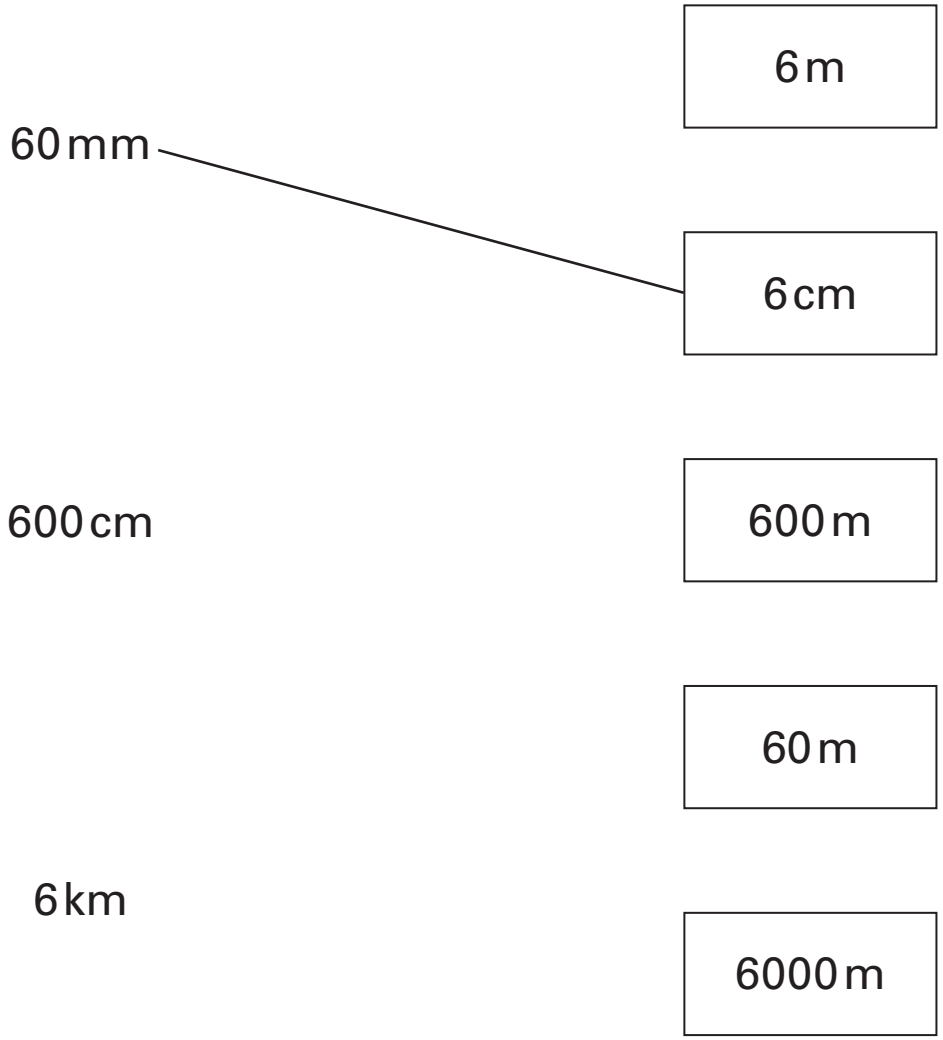
19 Match each length to the correct box on the right.

One has been done for you.



19

1 mark

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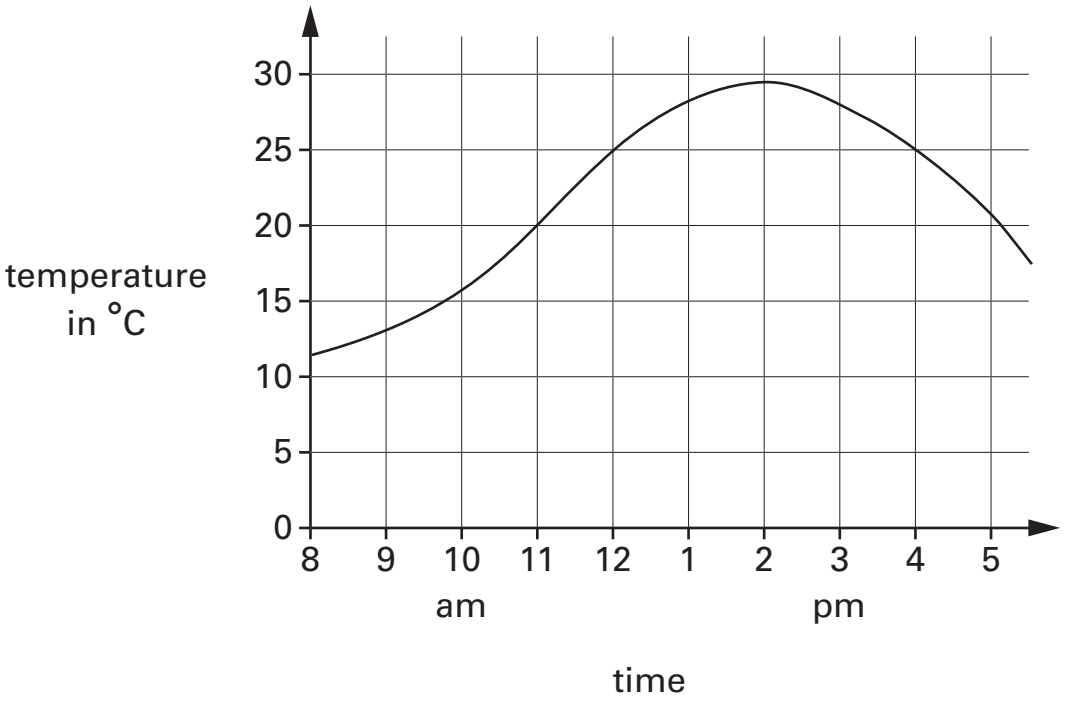
20 This graph shows the temperature on a day in July.



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

Total out of 3

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21 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

21

1 mark

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22 Calculate **4.51 + 11.6**

22

1 mark

23

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

Each ▭ weighs 12 g.

How much does each ● weigh?

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

each ● **weighs** ____ **g**

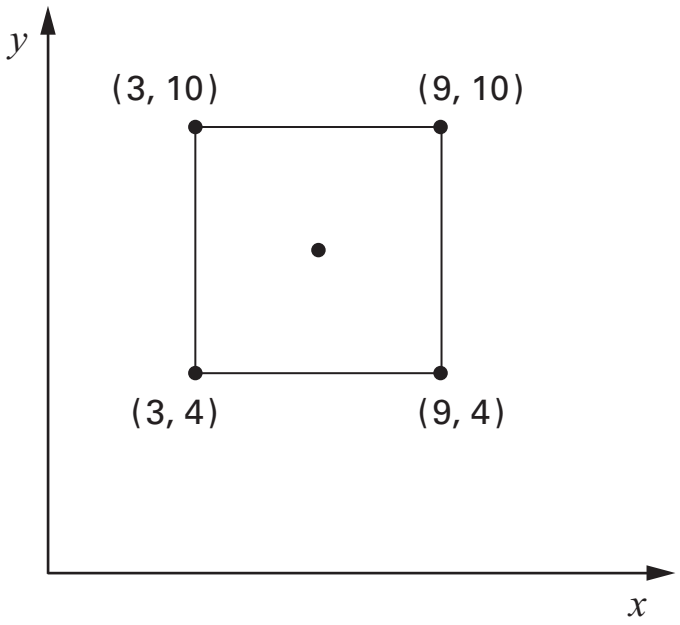
23i

23ii

2 marks

Total out of 4

24 Here is a square drawn on a coordinate grid.



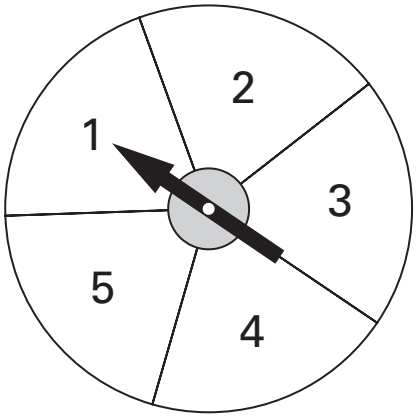
What are the coordinates of the point at the **centre** of the square?

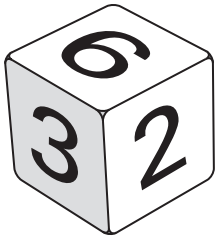
(,)

24

1 mark

25





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.

25

1 mark

Total out of 2

26 Calculate **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

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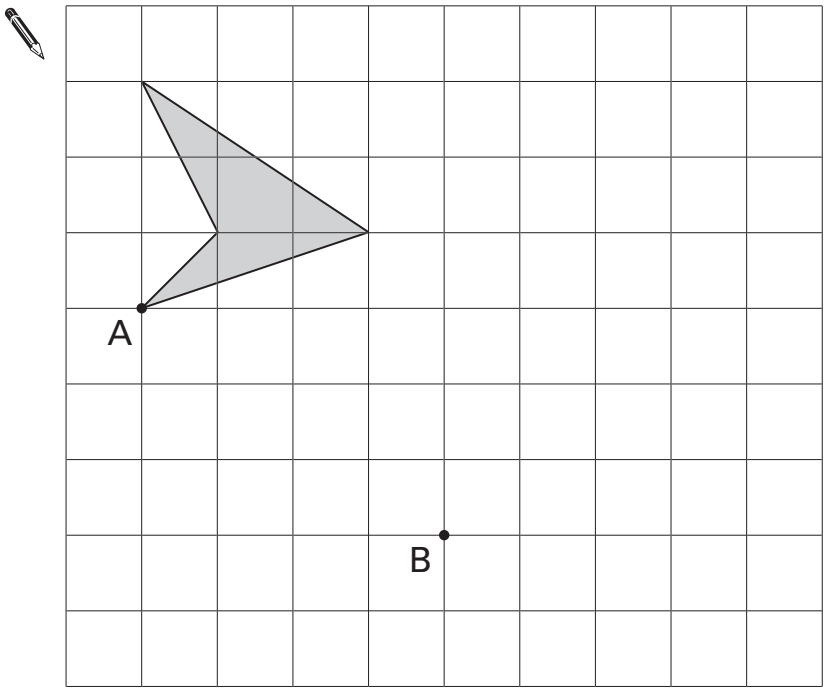
28 Here is a shaded shape on a square grid.

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

Draw the new position of the shape after the translation.



28

1 mark

Total out of 5

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