MATHEMATICS

YEAR 4

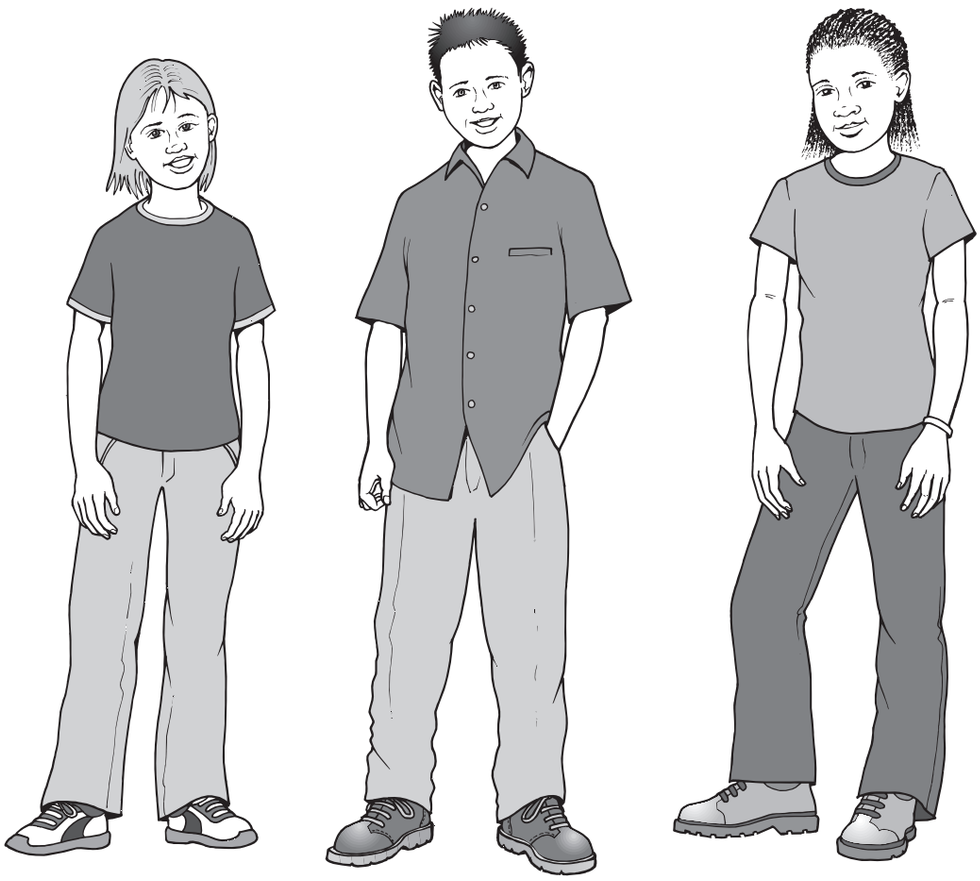
TEST 4b

LEVELS 3–4

CALCULATOR **NOT** ALLOWED

Total marks

Name	
Class	
School	
Date	

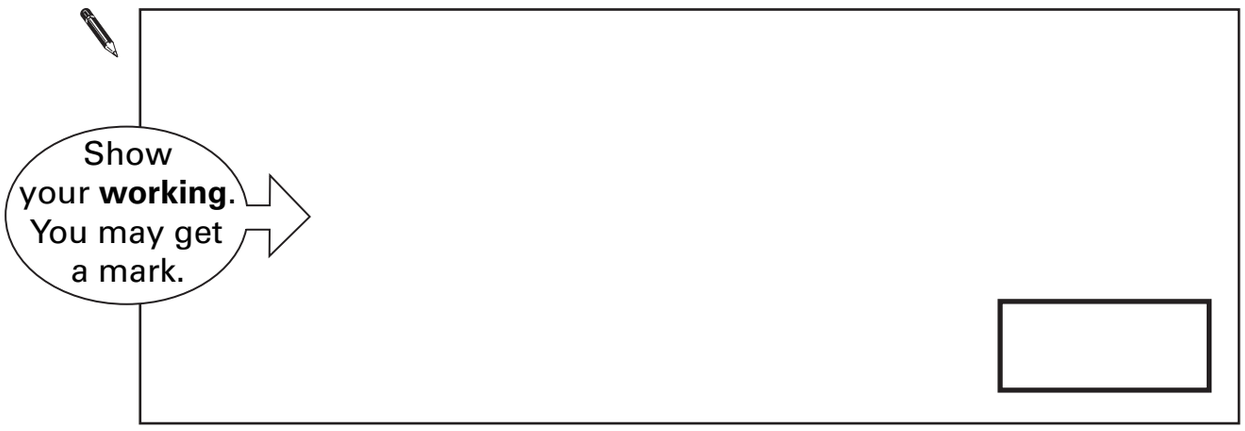


Lauren Zak Jade

Getting started

This shows where you need to put the answer.

Some questions have an answer box like this:



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

Practice question

Calculate **15 + 10 + 5**

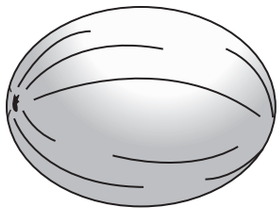
1 Calculate **145 – 83**

1

1 mark

2

grapefruit
45p each



melons
59p each

Zak has **one** 50p coin and **three** 20p coins.

He buys a grapefruit and a melon.

How much money does he have left?

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

p

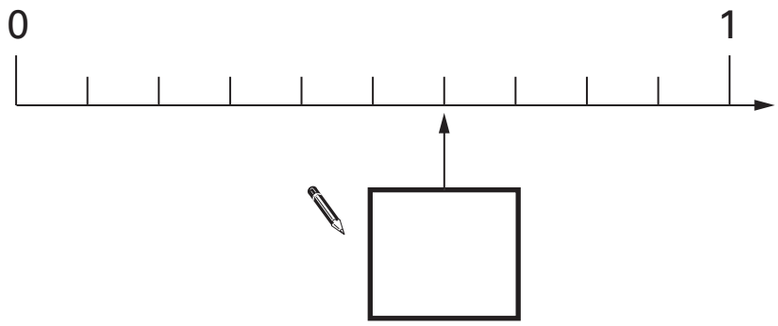
2i

2ii

2 marks

3 Here is part of a number line.

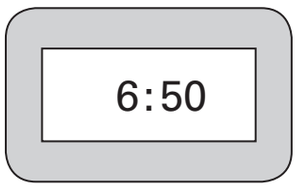
Write in the missing number.



3

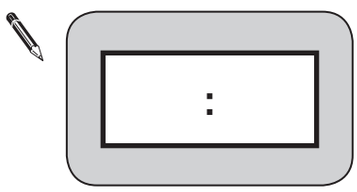
1 mark

4 This clock shows the time that Zak puts a cake in the oven.



He takes it out of the oven 50 minutes later.

Write the time on the clock when he takes the cake out.



4

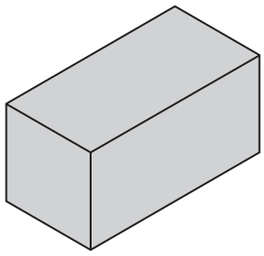
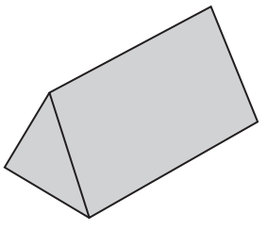
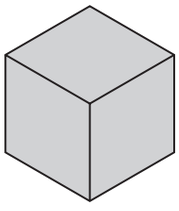
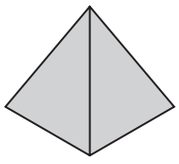
1 mark

Total out of 5

5 The table shows the different faces of some 3-D shapes.

Write numbers on the faces to show how many of each there are.

One has been done for you.

3-D shapes	number of faces
 cuboid	2 4
 triangular prism	
 cube	
 square-based pyramid	

5i

5ii

2 marks

6 Lauren buys 4 ice creams.

Each ice cream costs 85p.

How much do they cost altogether?

£

6

1 mark

7 The numbers in this sequence increase by 101 each time.

Write in the next two numbers in the sequence.

606 707 808 ☐ ☐

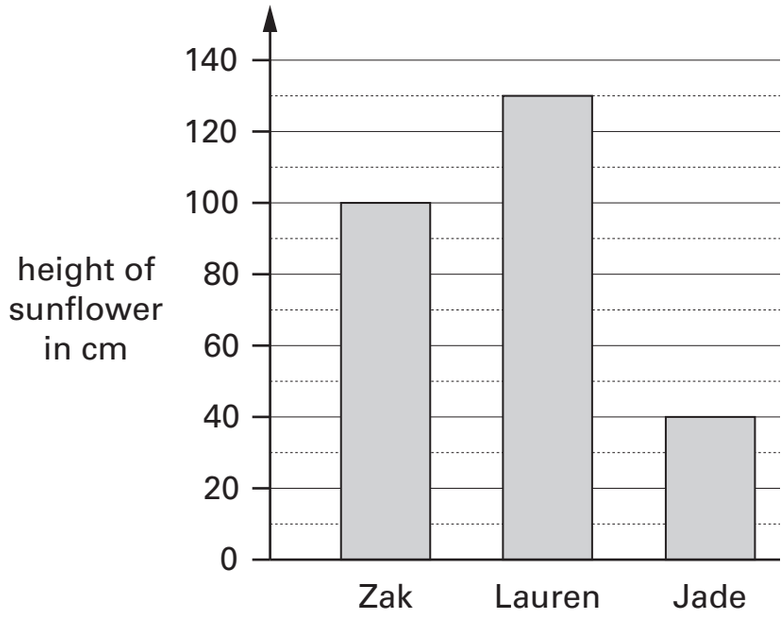
7

1 mark

Total out of 4

8 Three children measure the height of their sunflowers.

Here are their results.



How tall is Lauren's sunflower?

cm

8a

1 mark

How much **taller** is Zak's sunflower than Jade's?

cm

8b

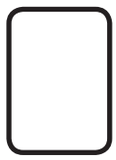
1 mark

9 Here are four number cards.

45	55	67	32

Jade picks the two cards which have a difference of 22

Which cards does she pick?

 and 

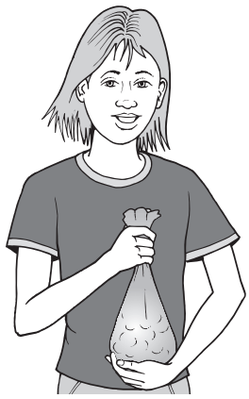
9

1 mark

10 Lauren has some cherries.

She eats 2 of them.

Then she eats half of what is left.



She now has 6 cherries.

How many cherries did she start with?

10

1 mark

Total out of 4

11 Here are some numbers.

1 2 3 4 5

Write one of the numbers in each box to make these correct.

$5 \times 6 = 10 \times \square$

$5 \times 6 < 10 \times \square$

11

1 mark

12

October has 31 days.

On October 24th, Zak says,

'My birthday is exactly two weeks from now'.

Write the date of Zak's birthday.

November

12

1 mark

13 Jade makes fruit salad.

For every **three** apples, she uses **one** banana.

She uses **27** apples.

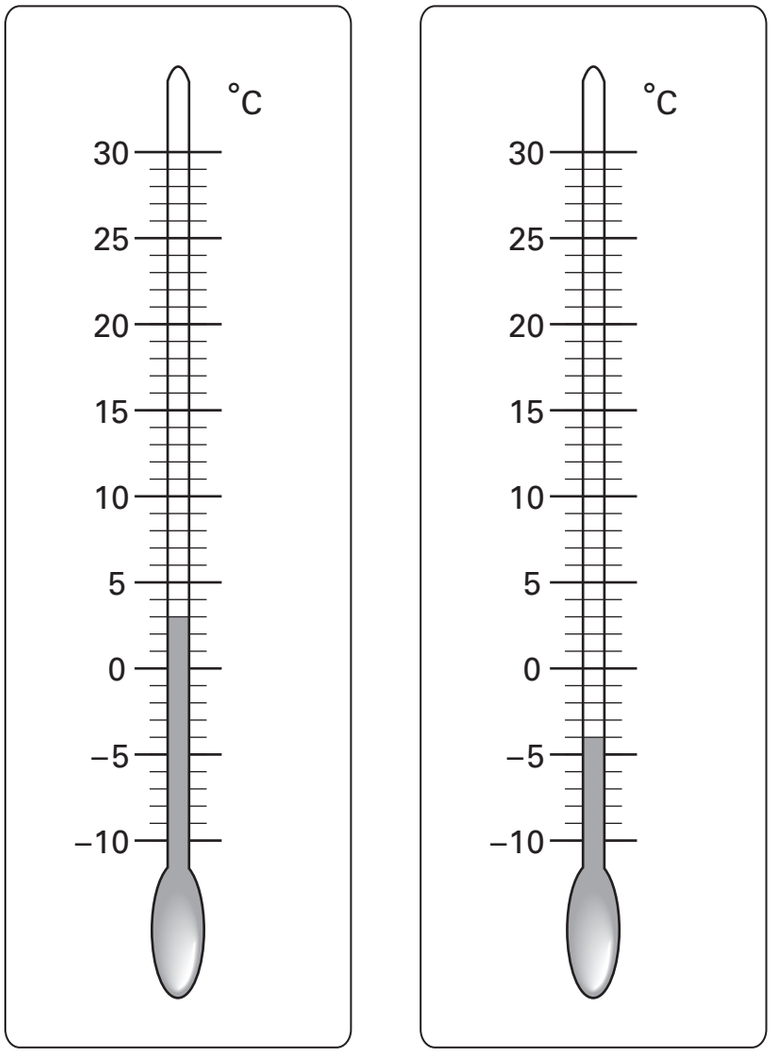
How many bananas does she use?

13

1 mark

Total out of 3 _____

14 These are the temperatures at noon and midnight on a day in winter.



noon midnight

How many degrees higher is the temperature at noon than at midnight?

degrees

14

1 mark

15 Here is a number chart that goes up in fives.

5	10	15	20	25
30	35	40	45	50
55	60	65	70	75
80	85	90	95	100
105	110	115	120	125

The chart continues in the same way.

One of the numbers below will be at the **start** of a **row** on the chart.
Circle the number.

445 455 465 475 485

15a

1 mark

One of the numbers below will be at the **end** of a **row** on the chart.
Circle the number.

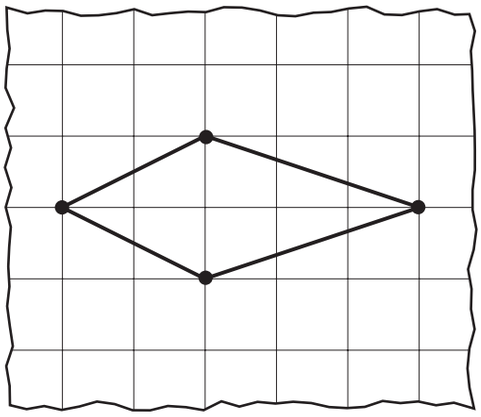
345 355 365 375 385

15b

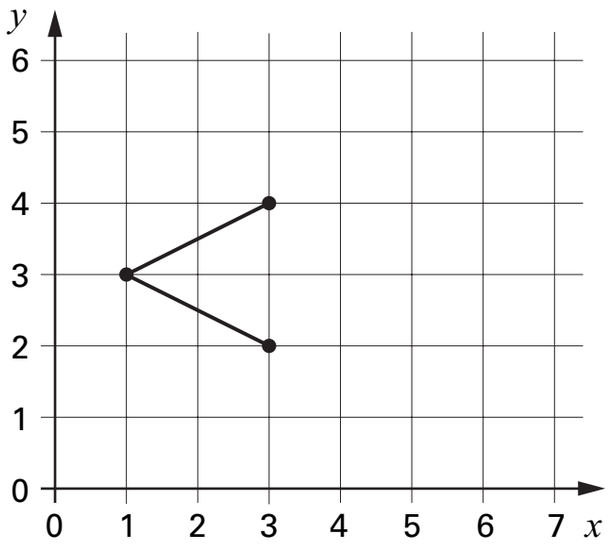
1 mark

Total out of 3 _____

16 Zak draws this shape on a grid.



Lauren starts to draw an **identical** shape on the grid below.



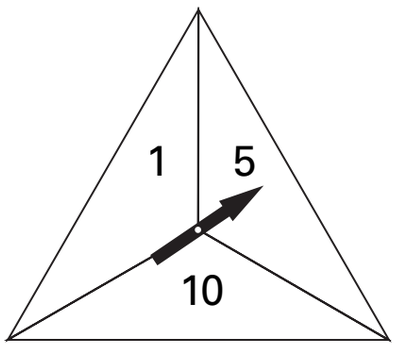
Write the coordinates of the missing point.

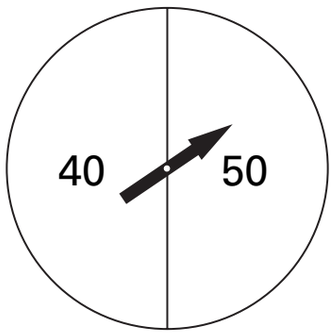
(,)

16

1 mark

17 Here are two spinners.





Both pointers are spun and the two scores are added together.

Write **all** the different possible totals.

17i

17ii

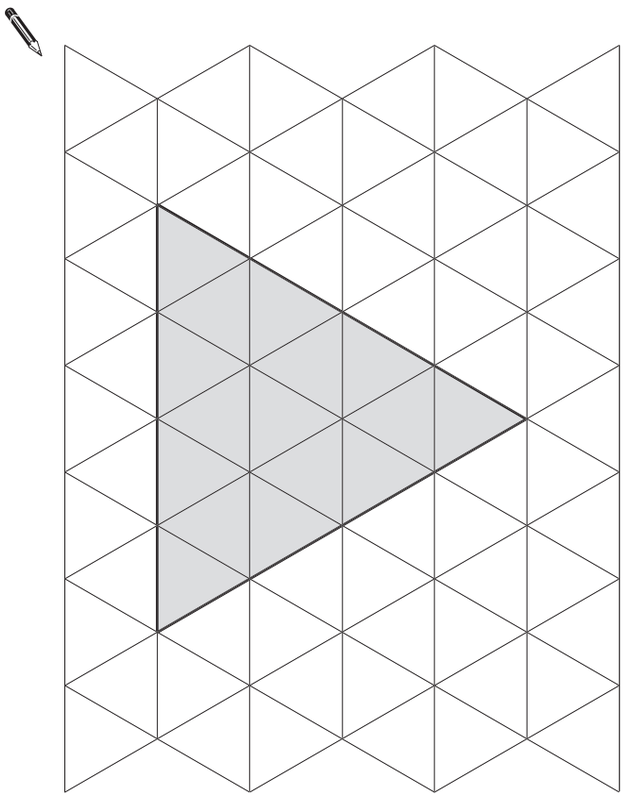
2 marks

Total out of 3

18 Here is a grid of equilateral triangles.

Draw **all** the lines of symmetry on the shaded triangle.

Use a ruler.

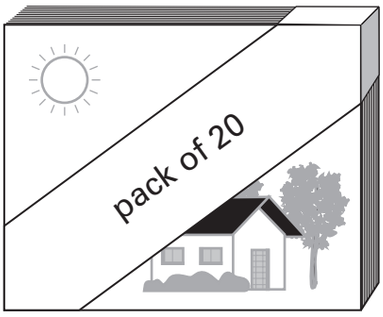


18

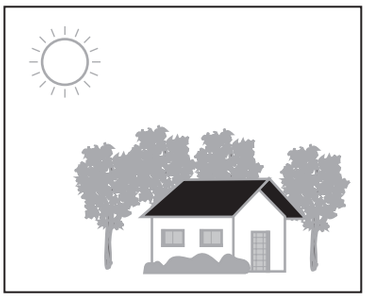
1 mark

19 A pack of 20 postcards costs £3.60

A single postcard costs 20p.



£3.60



20p

Zak buys **1 pack** of postcards.

Jade buys **20 single** postcards.

Zak says to Jade,

'My postcards cost 40p less than yours'.

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

Yes / No

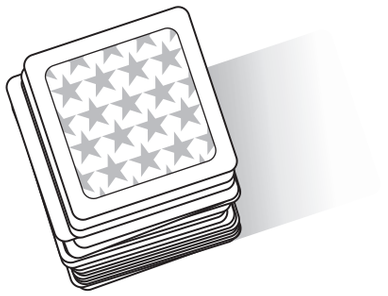
Explain how you know.

19

1 mark

Total out of 2

20 There are **64** picture cards in this pile.



Five children each take the same number of cards.

24 cards are left over.

How many cards does each child take?

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

20i

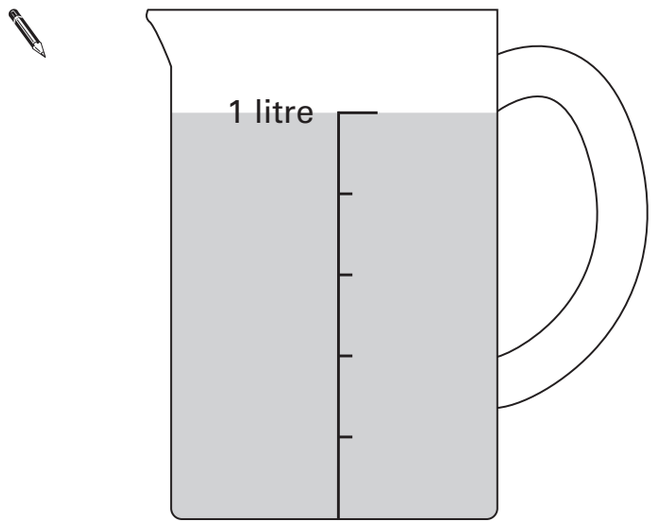
20ii

2 marks

21 This jug has 1 litre of water in it.

Lauren **pours out** 400 millilitres of water.

Draw an arrow (→) to show the new level of water in the jug.



21

1 mark

22 Write these numbers in order.

One has been done for you.

2.04 0.24 0.4 ~~24~~ 4

				24
smallest				largest

22

1 mark

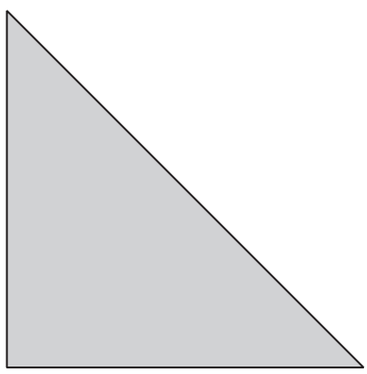
Total out of 4

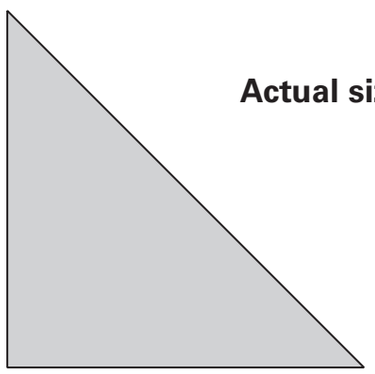
23 Calculate **37 × 80**

23

1 mark

24 These two triangles are the same.





Actual size

Jade fits them together to make a **square**.

What is the total length around all the sides of the **square**?

cm

24

1 mark

25 This table shows the number of visitors to a library during a week.

	morning	afternoon
Monday	72	95
Tuesday	55	81
Wednesday	closed	closed
Thursday	93	85
Friday	107	126
Saturday	223	295

How many days had a total of **more than 150** visitors?

25

1 mark

Total out of 3 ____

26 This statement is **not true**.

'A multiple of 10 added to a multiple of 10 always makes a multiple of 20'

Give an example to show that this statement is **not true**.

26

1 mark

27 Write in the missing numbers.

One has been done for you.

3	× 100 →	300
$1\frac{1}{2}$	× 100 →	
$\frac{3}{4}$	× 100 →	

27

1 mark

28 Tick (✓) the two cards that show the **same** weight.

1.5 kilograms	150 grams
15 kilograms	
1 kilogram 50 grams	1500 grams

28

1 mark

29 Write in the missing number.

$\square \div 4 = 25$ remainder 3

29

1 mark

Total out of 4 _____

QCA/06/1713

QCA, 83 Piccadilly, London W1J 8QA

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