

# MATHEMATICS

YEAR 4

TEST 4a

LEVELS  
**2–3**

CALCULATOR NOT ALLOWED

Total marks

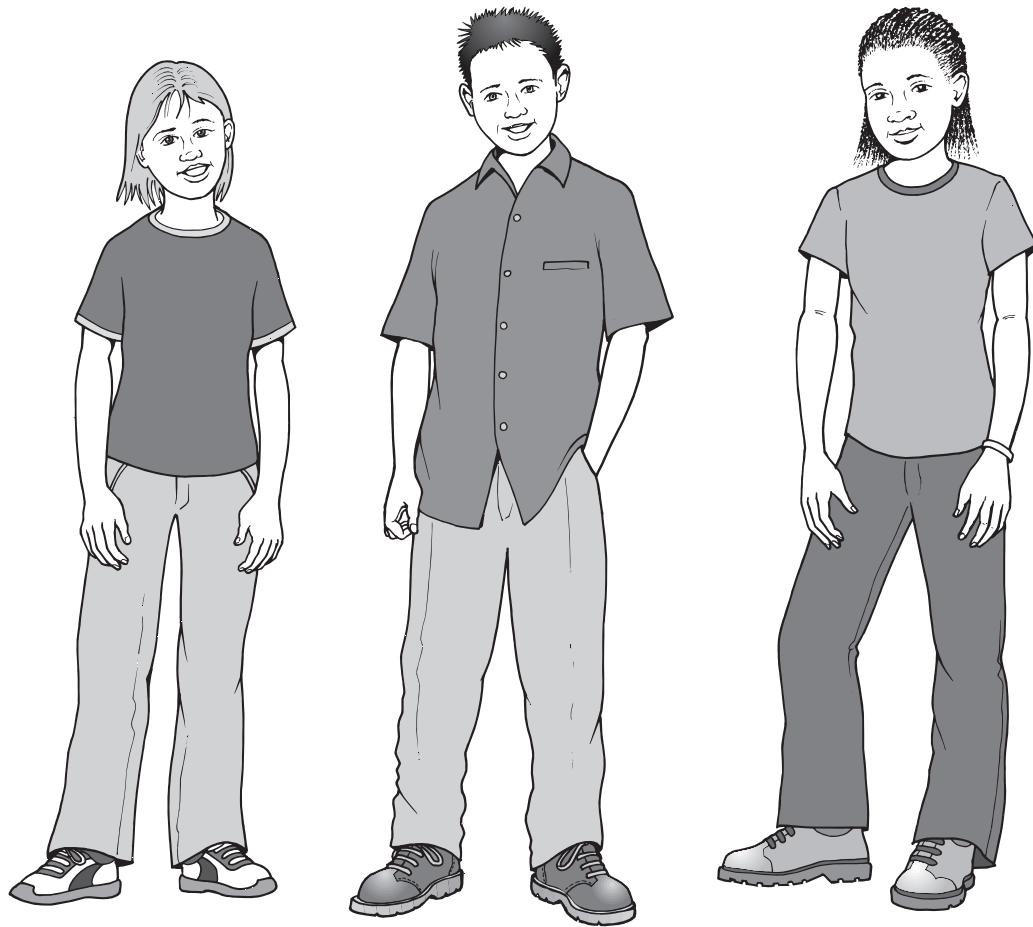


Name

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:



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

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

### Practice question

Calculate  **$15 + 10 + 5$**



1

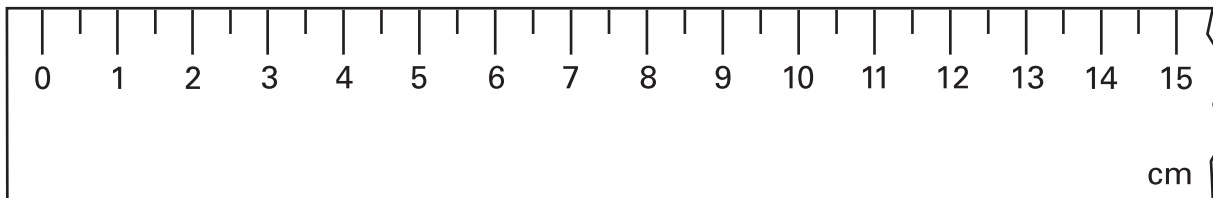
Calculate  $14 + 15 + 16$



1

1 mark

2



What is the length of the straw to the **nearest centimetre**?



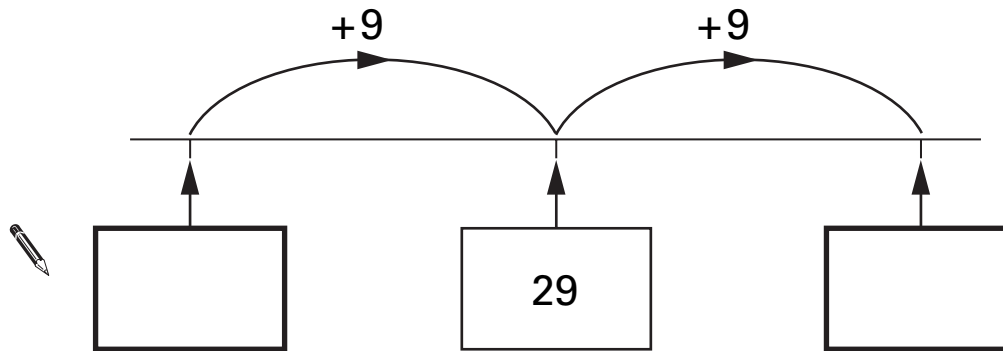
2

1 mark

3

Here is part of a number line.

Write in the missing numbers.



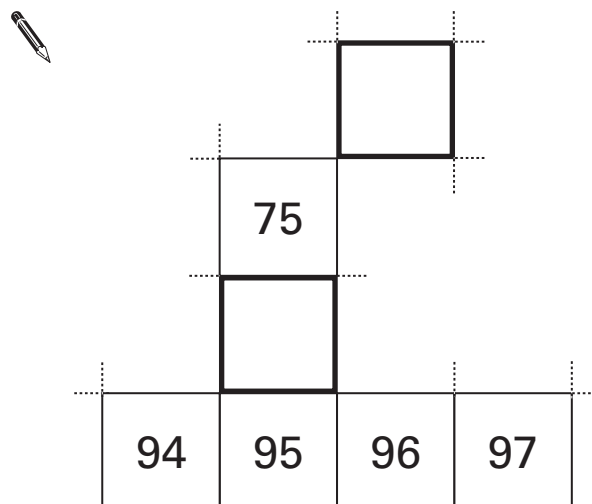
3

1 mark

4

Here is part of a hundred square.

Write in the missing numbers.



4

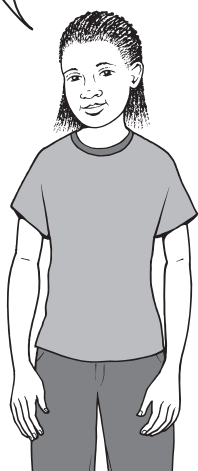
1 mark

5

Total out of 4

5

I am 9 years old.  
My birthday is in July.



Jade

I am 2 years younger than Jade.  
My birthday is in January.



Lauren

Write **Jade** and **Lauren** in the correct places on the sorting diagram.

### Birthday month

January to June

July to December



less than  
9 years old

**Age** 9 years old

more than  
9 years old


5a

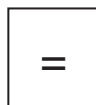
1 mark

5b

1 mark

6

Here are some signs.



Write two of the signs to make this correct.



104



4



26

6

1 mark

7

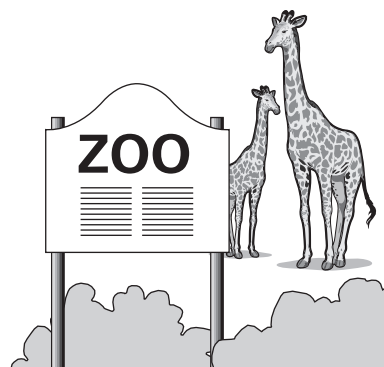
On a school trip, 56 people visit the zoo.

23 are girls.

21 are boys.

5 are teachers.

The rest are parents.



How many are parents?



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



7i

7ii

2 marks

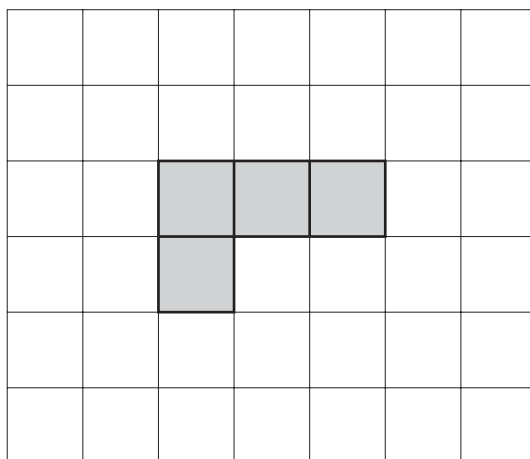
7

Total out of 5

8

Here is a grid with four squares shaded in.

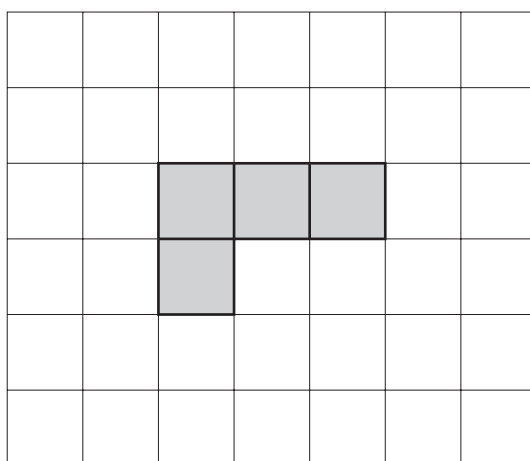
Shade in **one more** square to make a shape with a line of symmetry.



8a

1 mark

Shade in a **different** square to make a shape with a line of symmetry.



8b

1 mark

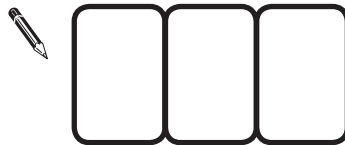


9

Here are three digit cards.



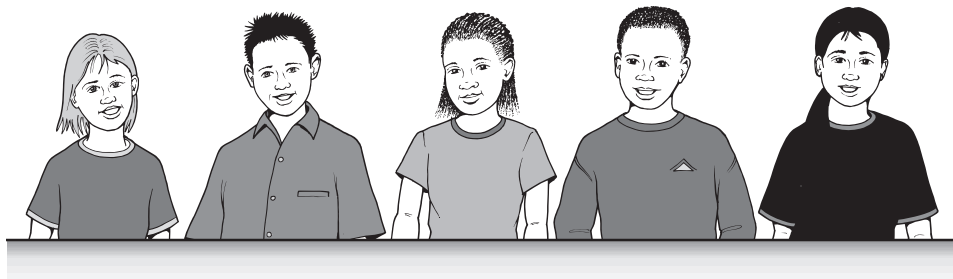
Use the cards to make the number nearest to 400



9

1 mark

10



75 children take part in a quiz.

There are 5 children in each team.

How many teams are there altogether?

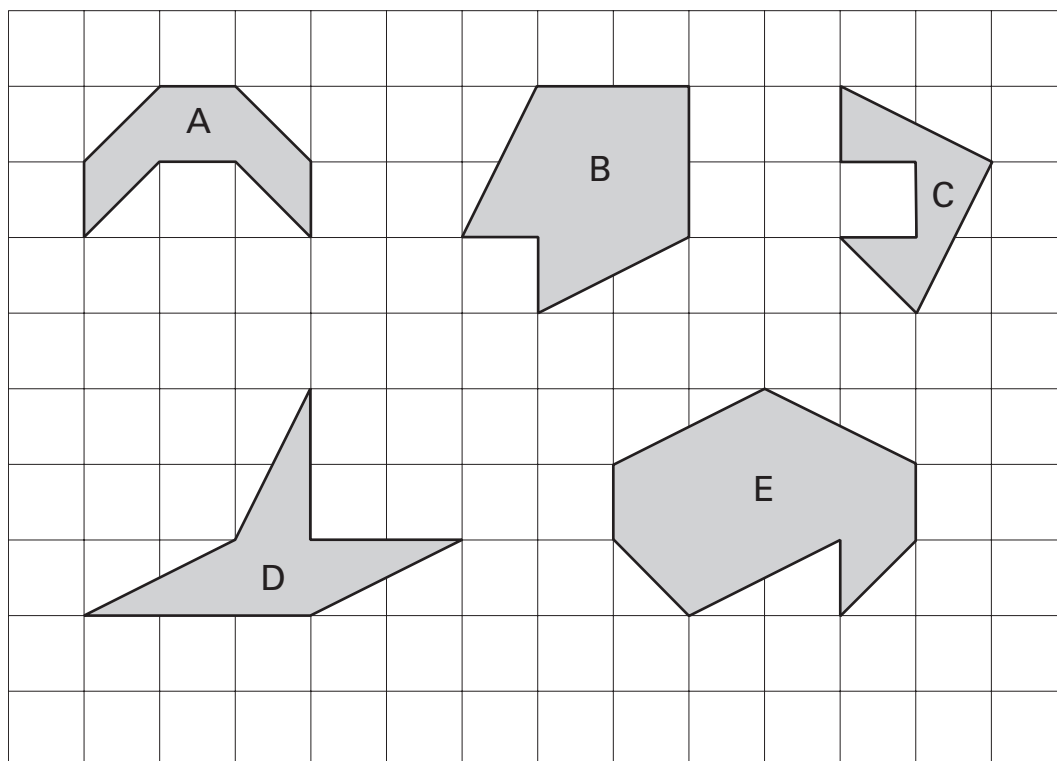


10

1 mark

11

Here are five shapes on a grid.



Write the letters of the two shapes that are octagons.



\_\_\_\_\_ and \_\_\_\_\_

11


1 mark

12

Here is a table.

The tick (✓) in the box shows that **20** is a multiple of **10**

Put **four more** ticks (✓) to complete the table.



	12	15	20
multiple of <b>10</b>			✓
multiple of <b>2</b>			
multiple of <b>5</b>			

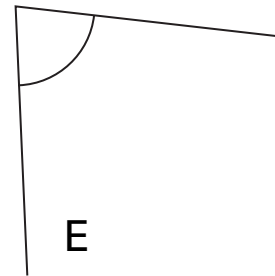
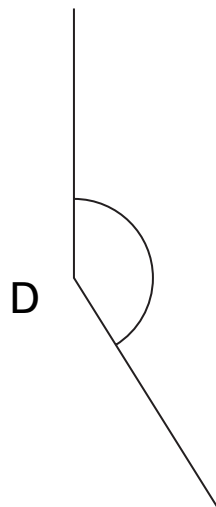
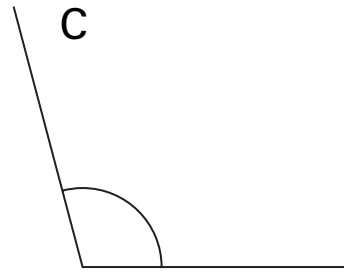
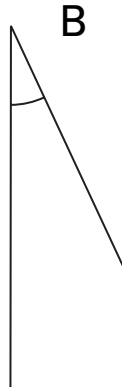
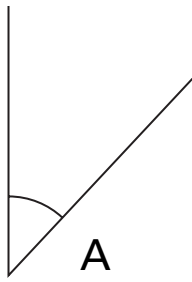
12i

12ii

2 marks

13

Here are some angles.



Put the angles in order of size, starting with the **smallest**.  
Write the correct letters in the boxes.

One has been done for you.

			E		
	smallest				largest

13

1 mark



14





Jade asked each child in her class,

*‘Do you stay at school or go home for lunch?’*

Here are her results.

Lunchtime survey

 stands for 1 child	 stands for 2 children
--	--

	girls	boys
stay at school		
go home		

How many **more** girls stay at school than go home for lunch?



14

1 mark

15

Zak has **more than 10** counters and **fewer than 20** counters.

When he groups them in **threes** no counters are left over.

How many counters could Zak have?



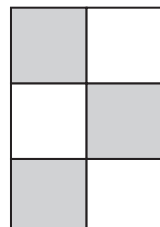
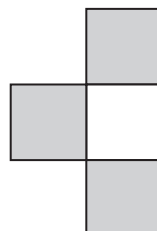
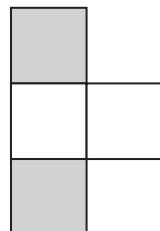

15

1 mark

16

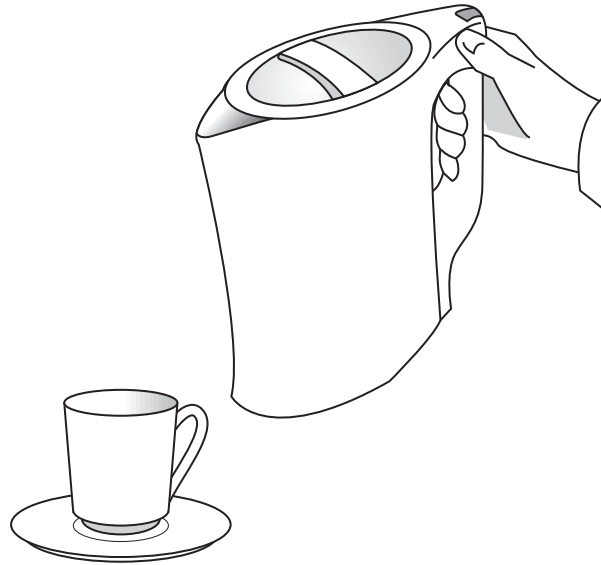
Here are some shapes.

Tick (✓) the shape that has  $\frac{3}{4}$  shaded.



16

1 mark



About how much water could the kettle hold?  
Circle the correct amount.



2 litres

5 litres

10 litres

20 litres

50 litres

17

1 mark

18

Calculate  $145 - 83$ 

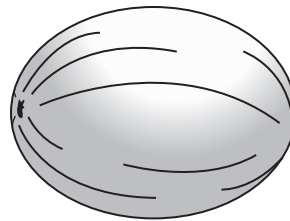

18

1 mark

19



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

19i

19ii

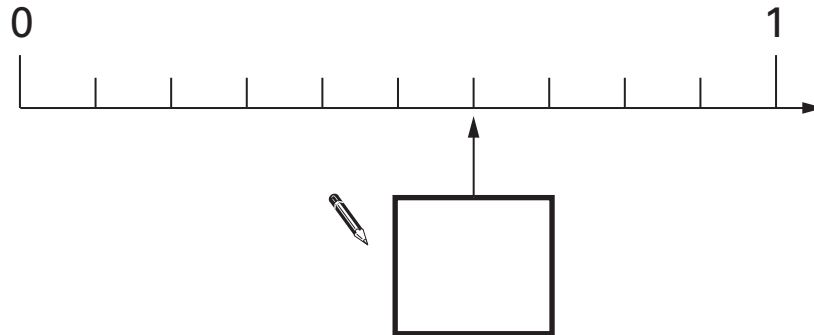
2 marks



20

Here is part of a number line.

Write in the missing number.

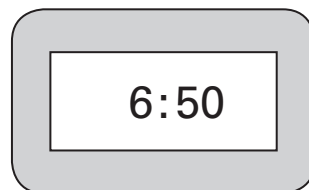


20

1 mark

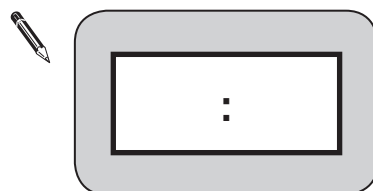
21

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.



21

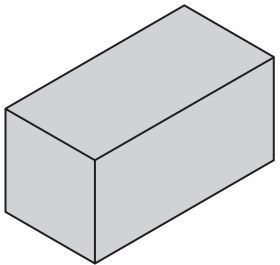
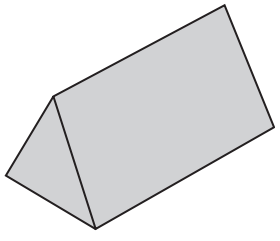



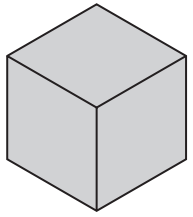
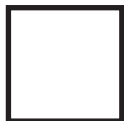
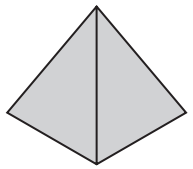


1 mark

22

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	<div>2</div> <div>4</div>
 triangular prism	 <div>   </div>
 cube	<div>  </div>
 square-based pyramid	<div>   </div>

22i

22ii

2 marks

23

Lauren buys 4 ice creams.

Each ice cream costs 85p.



How much do they cost altogether?



£

23

1 mark

24

The numbers in this sequence increase by 101 each time.

Write in the next two numbers in the sequence.



606

707

808

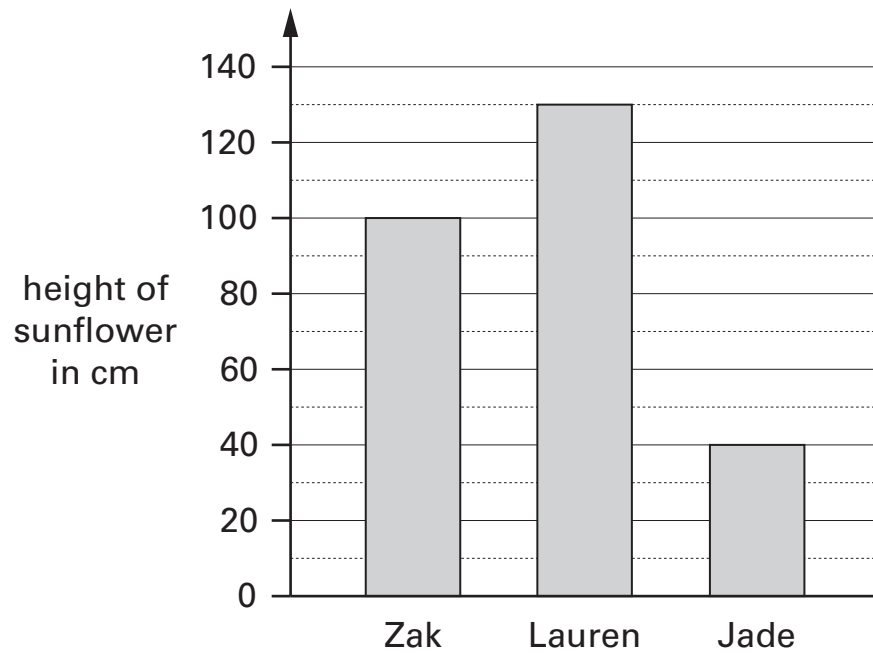
24

1 mark

25

Three children measure the height of their sunflowers.

Here are their results.



How tall is Lauren's sunflower?

 cm

25a

1 mark

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

 cm

25b

1 mark

26

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

26

1 mark

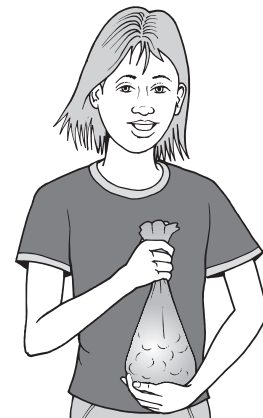
27

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?



27

1 mark

**28**

Here are some numbers.

1

2

3

4

5

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



$5 \times 6 = 10 \times$

$5 \times 6 < 10 \times$

28

1 mark

**END OF TEST**

