MATHEMATICS

YEAR 4

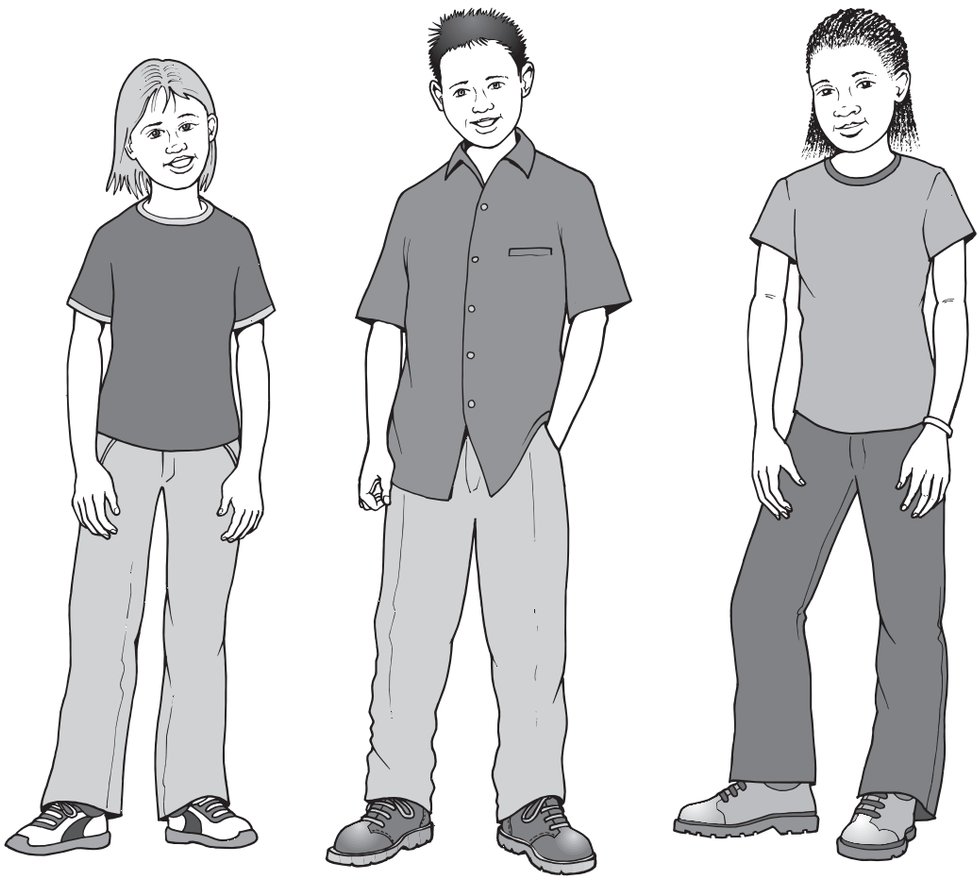
TEST 4a

LEVELS 2–3

CALCULATOR **NOT** ALLOWED

Total marks

Name	
Class	
School	
Date	

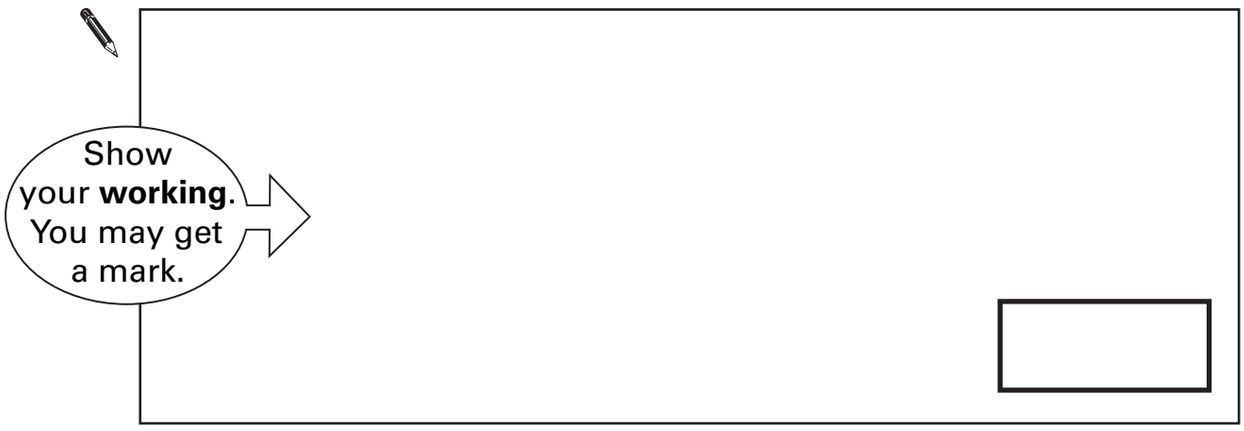


Lauren Zak Jade

Getting started

This shows where you need to put the answer.

Some questions have an answer box like this:



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

Practice question

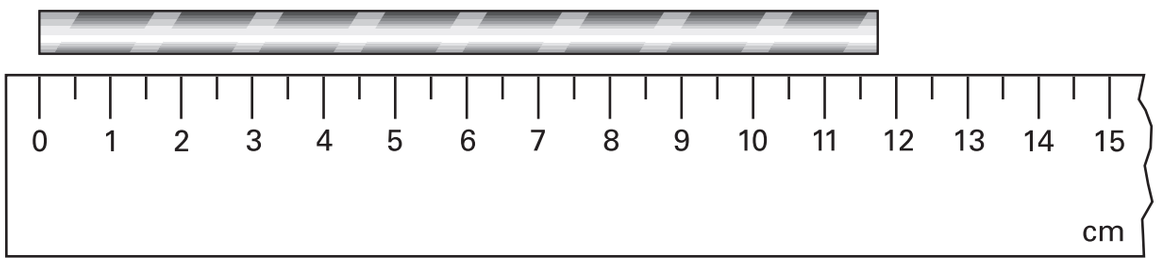
Calculate **15 + 10 + 5**

1 Calculate **14 + 15 + 16**

1

1 mark

2



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

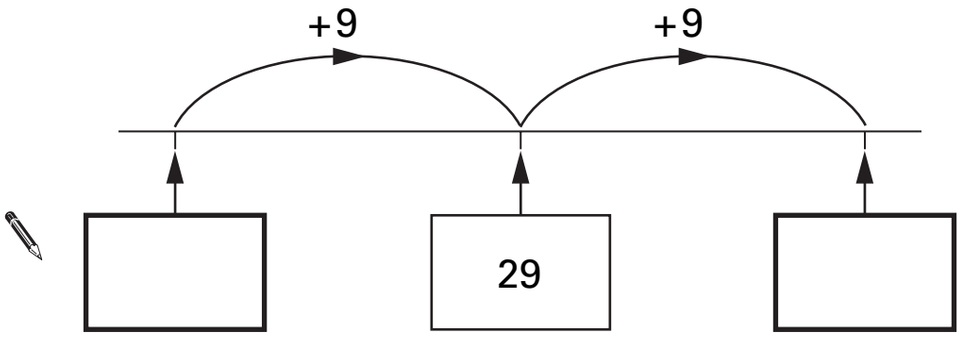
cm

2

1 mark

3 Here is part of a number line.

Write in the missing numbers.

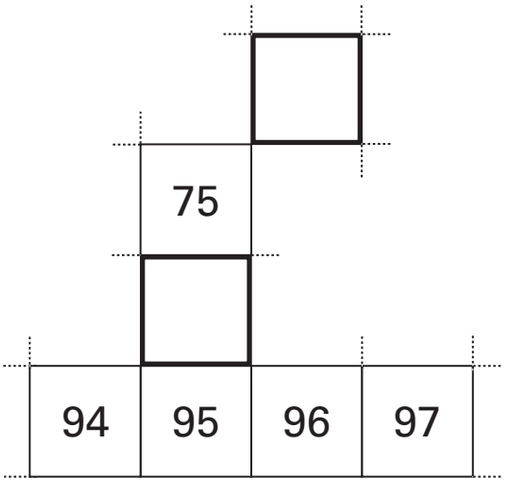


3

1 mark

4 Here is part of a hundred square.

Write in the missing numbers.

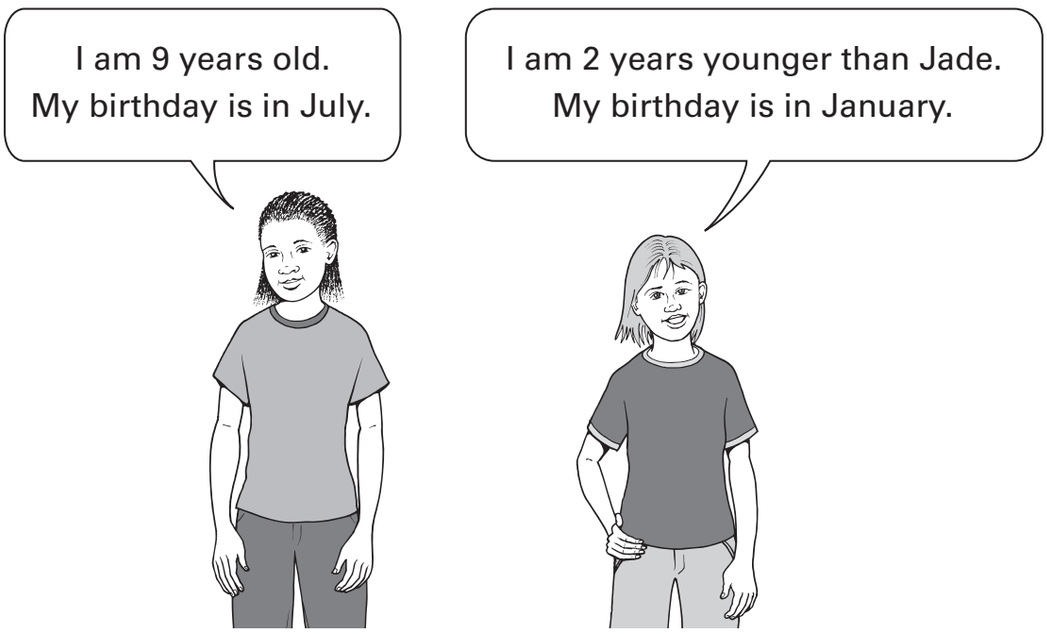


4

1 mark

Total out of 4 _____

5



Jade Lauren

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

Birthday month

		January to June	July to December
Age	less than 9 years old		
	9 years old		
	more than 9 years old		

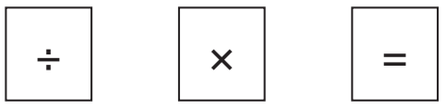
5a

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

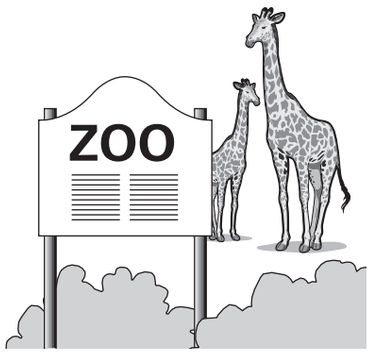
7 On a school trip, 56 people visit the zoo.

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

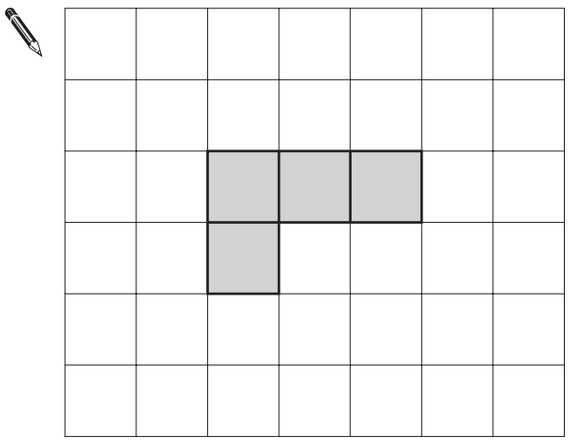
7ii

2 marks

Total out of 5

8 Here is a grid with four squares shaded in.

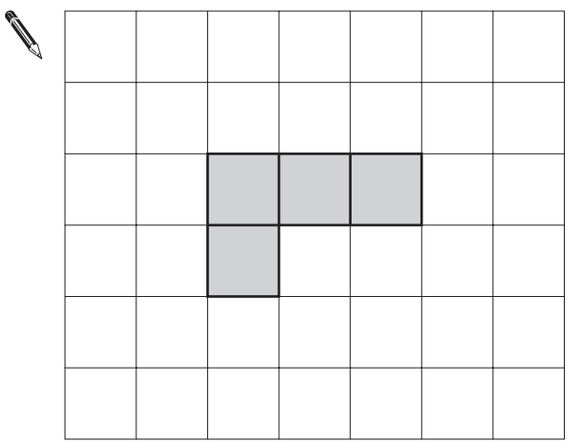
Shade in **one more** square to make a shape with a line of symmetry.



8a

1 mark

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



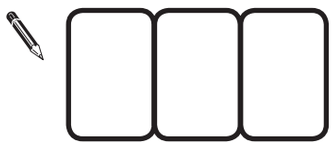
8b

1 mark

9 Here are three digit cards.

5	7	3

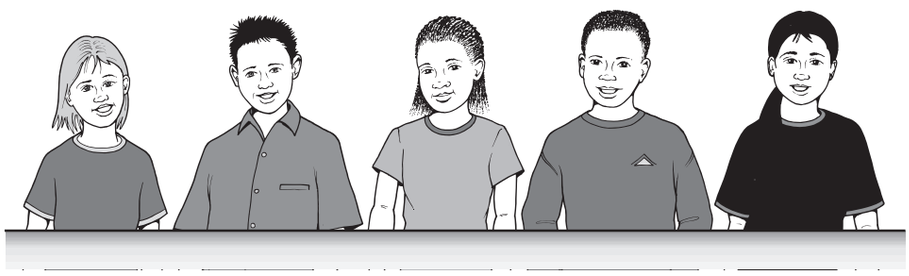
Use the cards to make the number nearest to 400



9

1 mark

10



75 children take part in a quiz.

There are **5** children in each team.

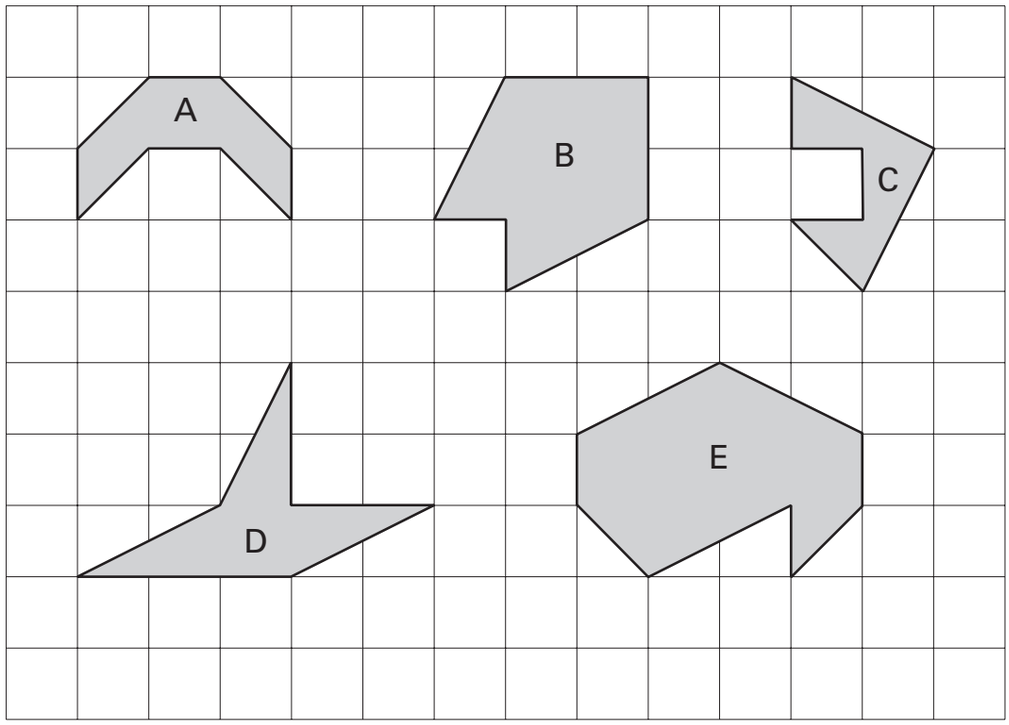
How many teams are there altogether?

10

1 mark

Total out of 4 _____

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 **10**			✓
multiple of **2**			
multiple of **5**			

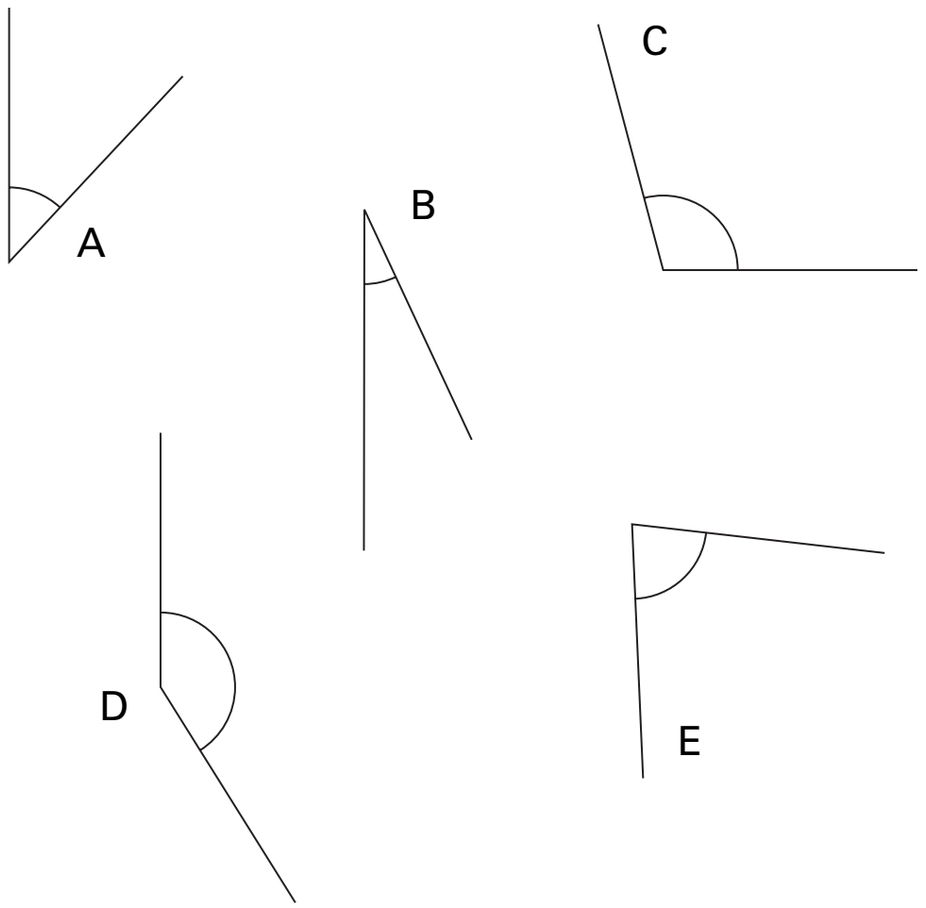
12i _____

12ii _____

2 marks

Total out of 3 _____

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

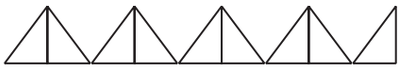
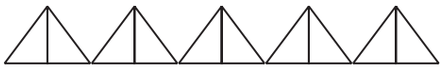
14 Jade asked each child in her class,

'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

Total out of 2

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

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

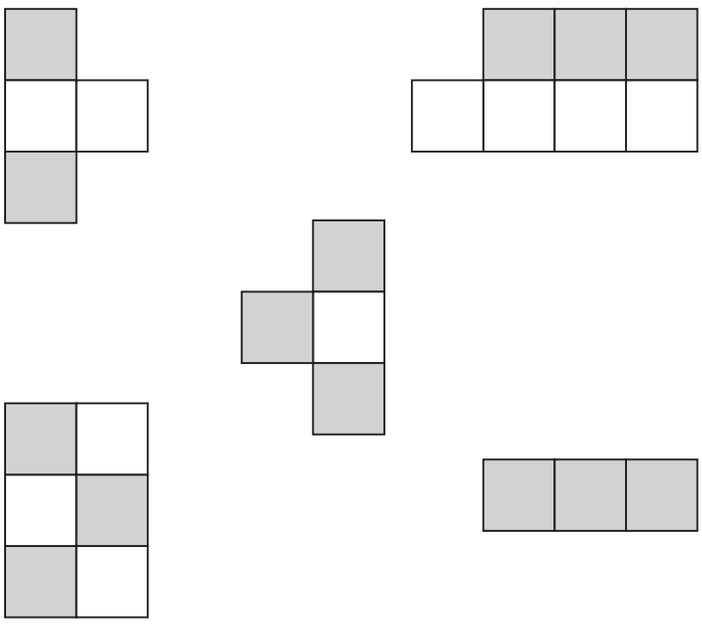
How many counters could Zak have?

15

1 mark

16 Here are some shapes.

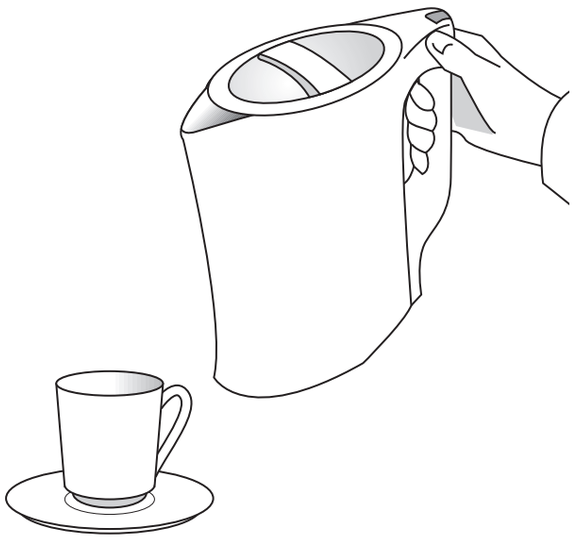
Tick (✓) the shape that has $\frac{3}{4}$ shaded.



16

1 mark

17



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

Total out of 3

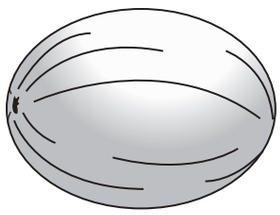
18 Calculate **145 – 83**

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

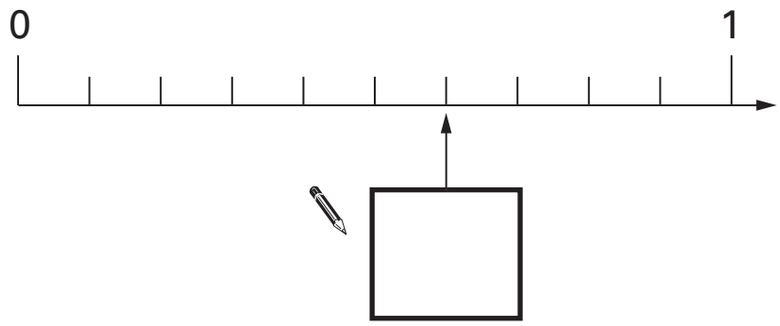
19i

19ii

2 marks

20 Here is part of a number line.

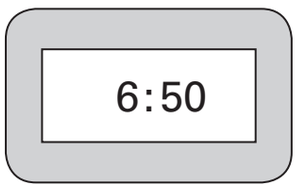
Write in the missing number.



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

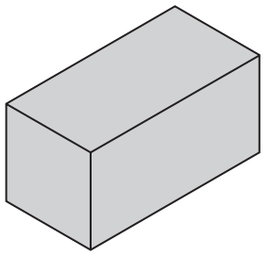
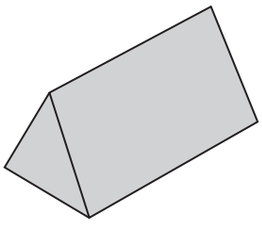
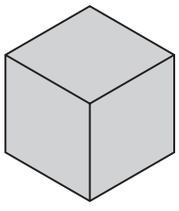
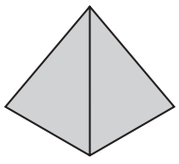
1 mark

Total out of 5

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	2 4
 triangular prism	
 cube	
 square-based pyramid	

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 ☐ ☐

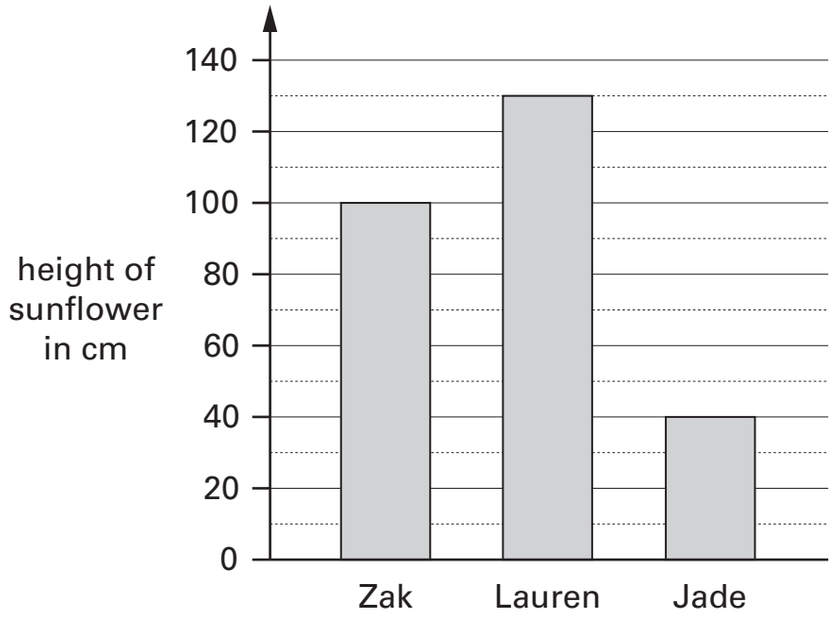
24

1 mark

Total out of 4

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

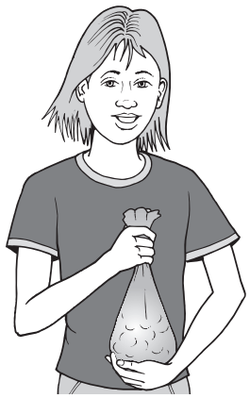
26

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

Total out of 4

28 Here are some numbers.

1 2 3 4 5

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

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

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

28

1 mark

END OF TEST

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