

MATHEMATICS

YEAR 4

TEST 4a

LEVELS
2-3

CALCULATOR NOT ALLOWED

Total marks

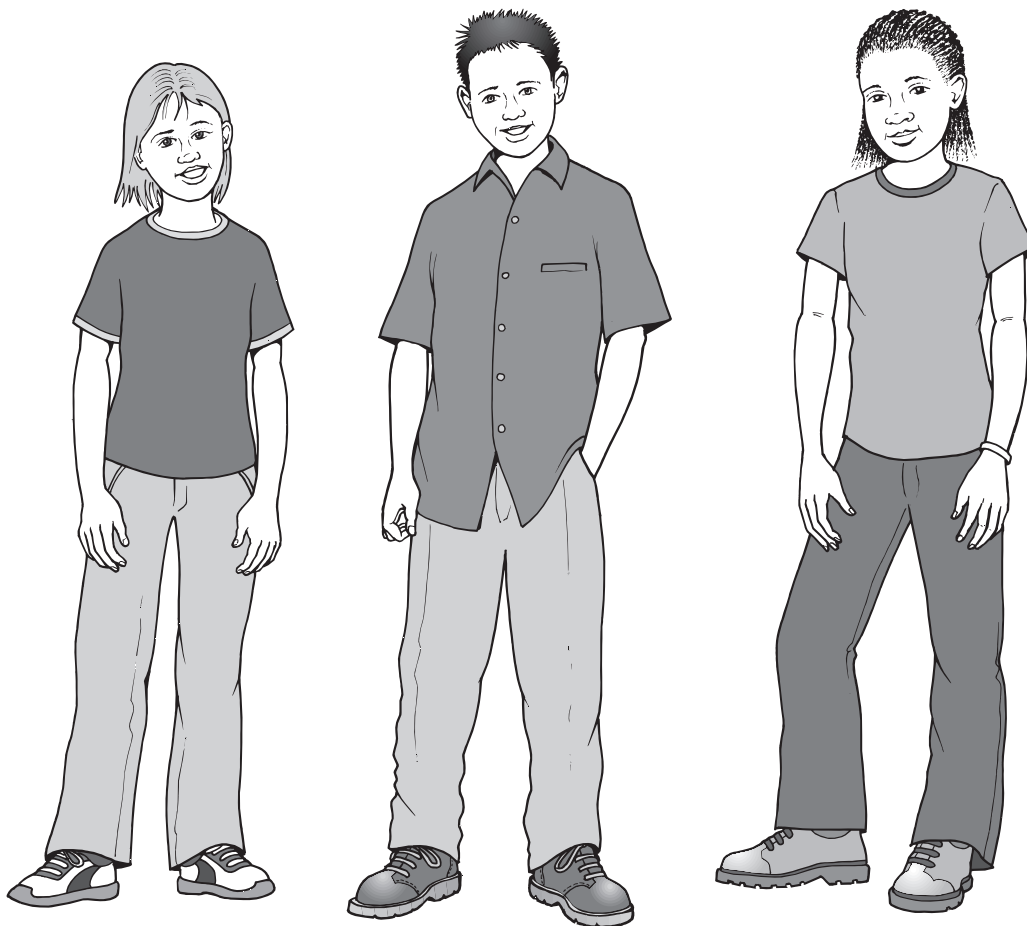


Name

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:

A large rectangular box representing an answer area. In the top-left corner, there is a small pencil icon. On the left side, a speech bubble contains the text "Show your **working**. You may get a mark." with an arrow pointing to the right. In the bottom-right corner of the large box, there is a smaller, empty rectangular box for the answer.

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

Practice question

Calculate **15 + 10 + 5**



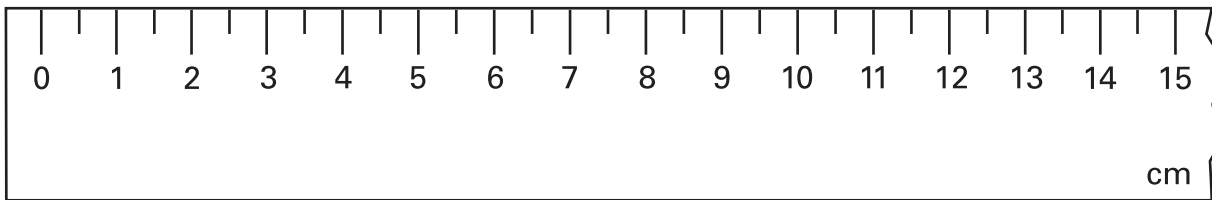
1

Calculate $14 + 15 + 16$



1
1 mark

2



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



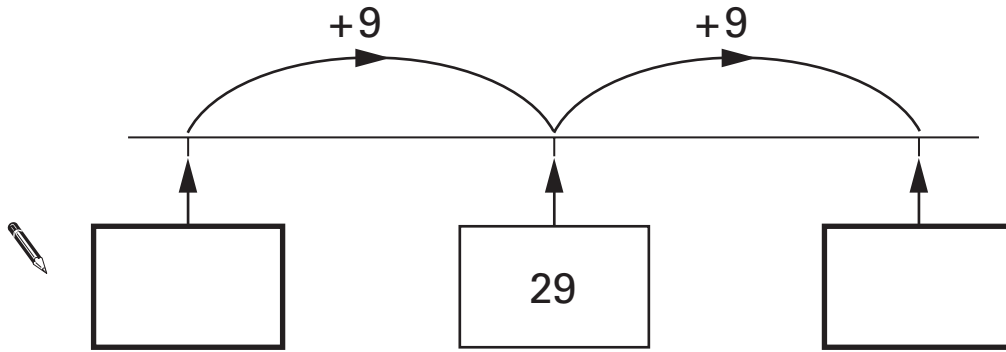
2
1 mark



3

Here is part of a number line.

Write in the missing numbers.



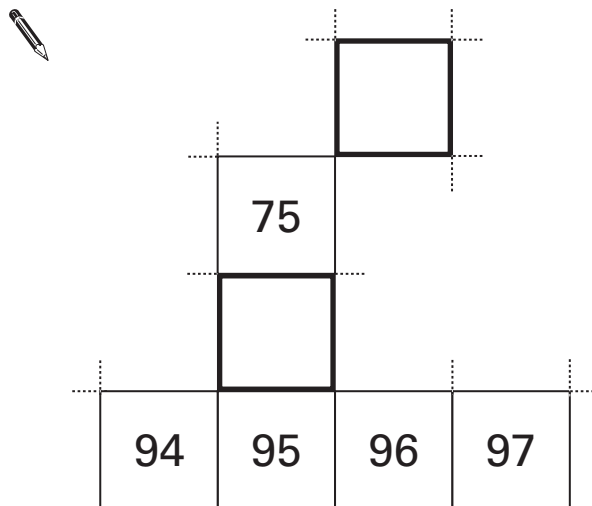
3

1 mark

4

Here is part of a hundred square.

Write in the missing numbers.



4

1 mark

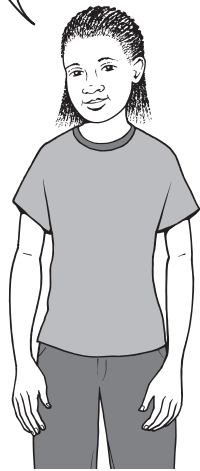




5

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

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



Jade



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

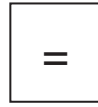
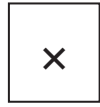
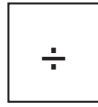
5b

1 mark



6

Here are some signs.



Write two of the signs to make this correct.



$$104 \square 4 \square 26$$

6

1 mark

7

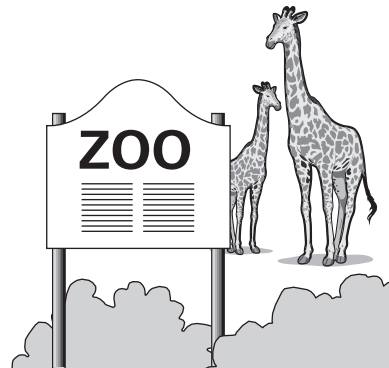
On a school trip, 56 people visit the zoo.

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

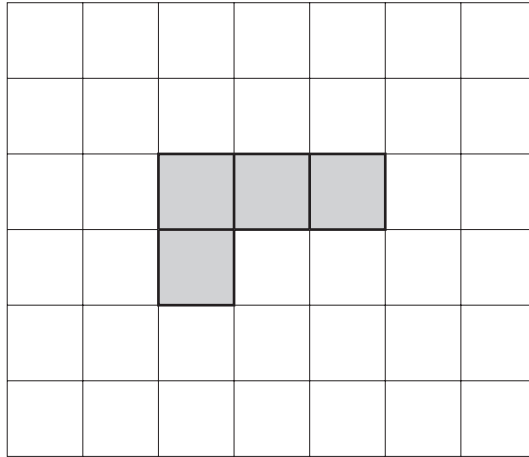
Total out of 5



8

Here is a grid with four squares shaded in.

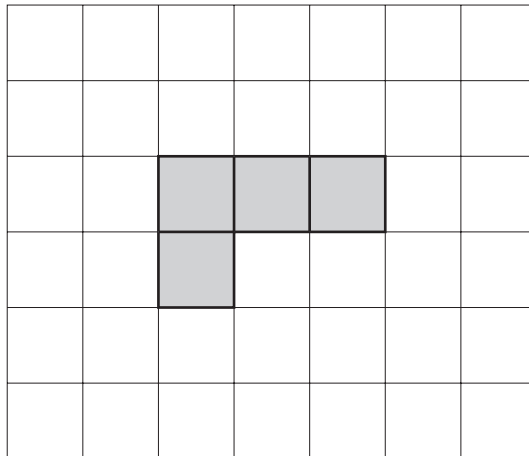
Shade in **one more** square to make a shape with a line of symmetry.



8a

1 mark

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



8b

1 mark





9

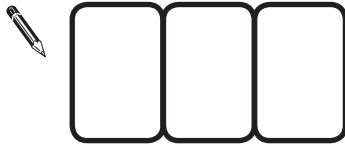
Here are three digit cards.

5

7

3

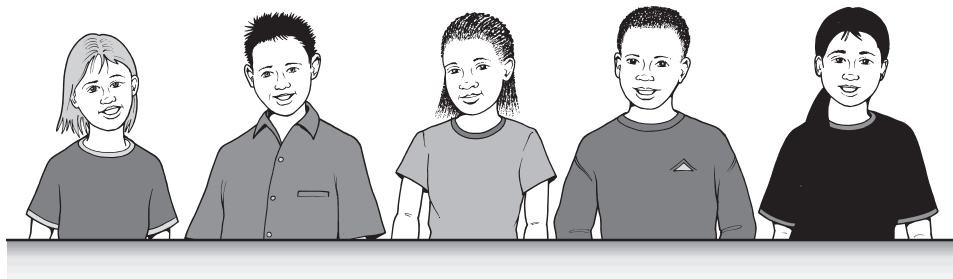
Use the cards to make the number nearest to 400



9

1 mark

10



75 children take part in a quiz.

There are 5 children in each team.

How many teams are there altogether?



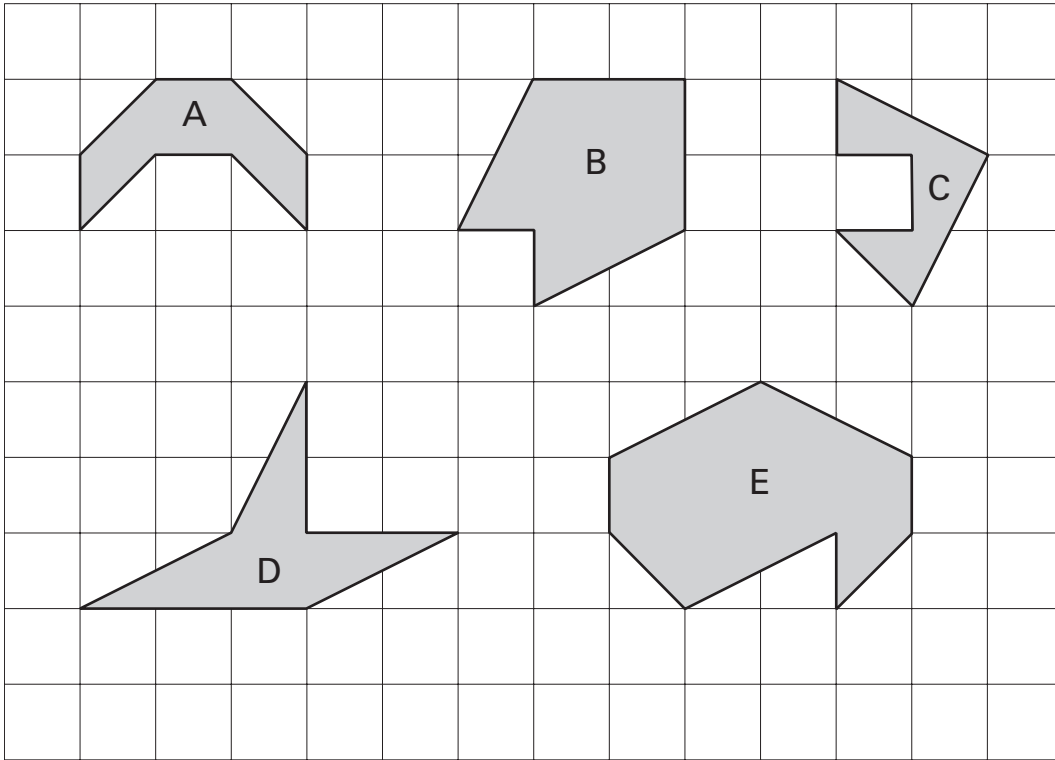
10

1 mark



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

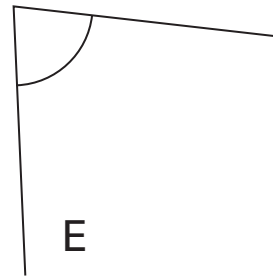
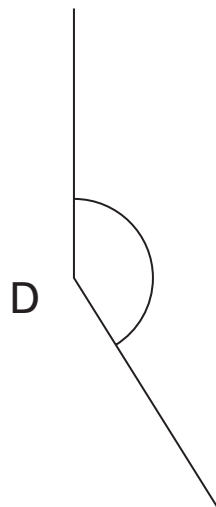
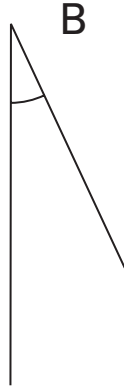
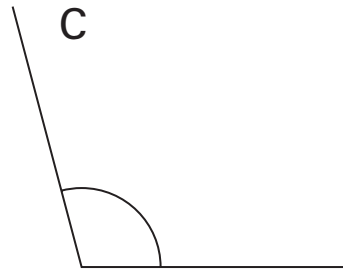
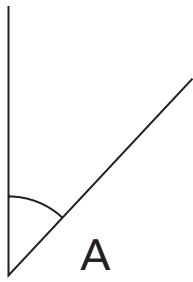
12ii

2 marks



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?



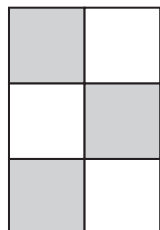
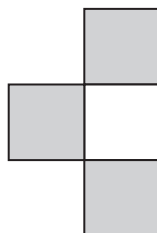
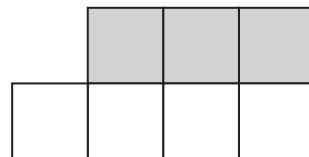
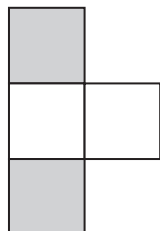
15

1 mark

16

Here are some shapes.

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

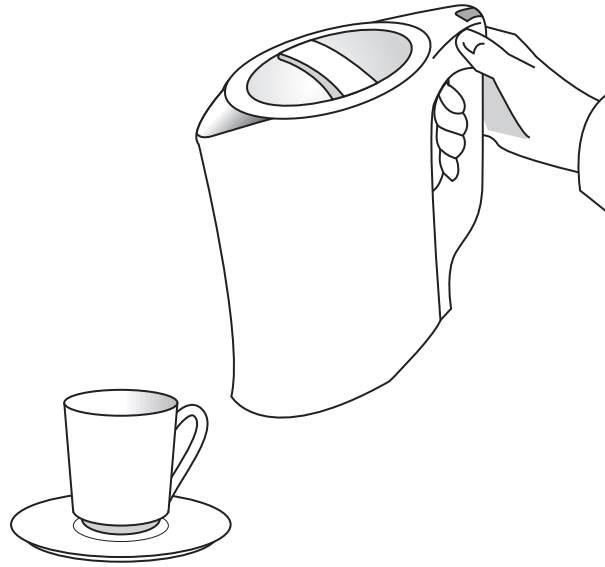


16

1 mark



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



18

Calculate $145 - 83$



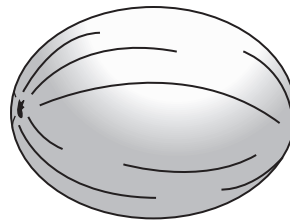
18

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

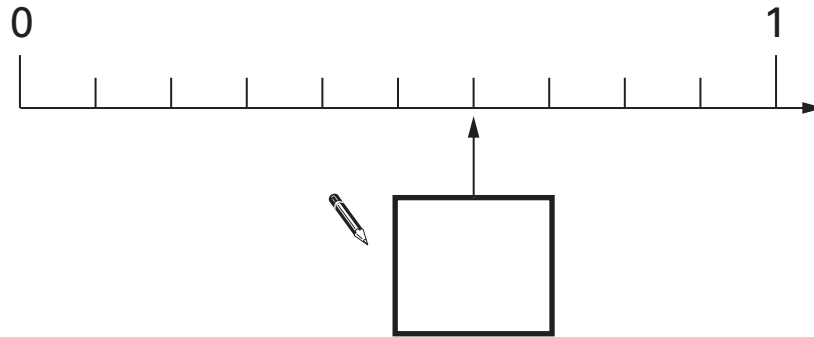
19ii

2 marks

20

Here is part of a number line.

Write in the missing number.

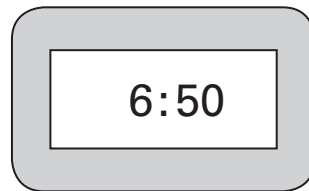


20

1 mark

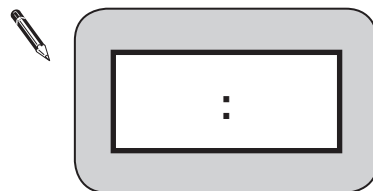
21

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

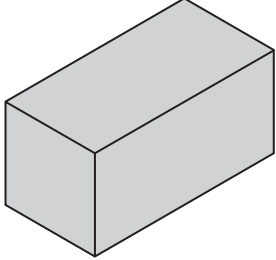
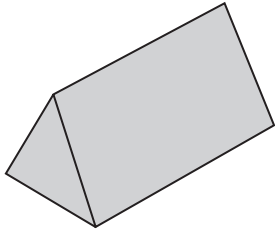

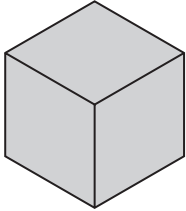

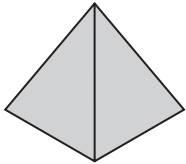

1 mark

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 |
|---|--|
|  <p data-bbox="505 929 618 965">cuboid</p> | <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; text-align: center; width: 40px; height: 40px;">2</div> <div style="border: 1px solid black; padding: 5px; text-align: center; width: 100px; height: 40px;">4</div> </div> |
|  <p data-bbox="430 1285 694 1326">triangular prism</p> |  |
|  <p data-bbox="522 1651 602 1688">cube</p> |  |
|  <p data-bbox="378 2005 748 2046">square-based pyramid</p> |  |

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

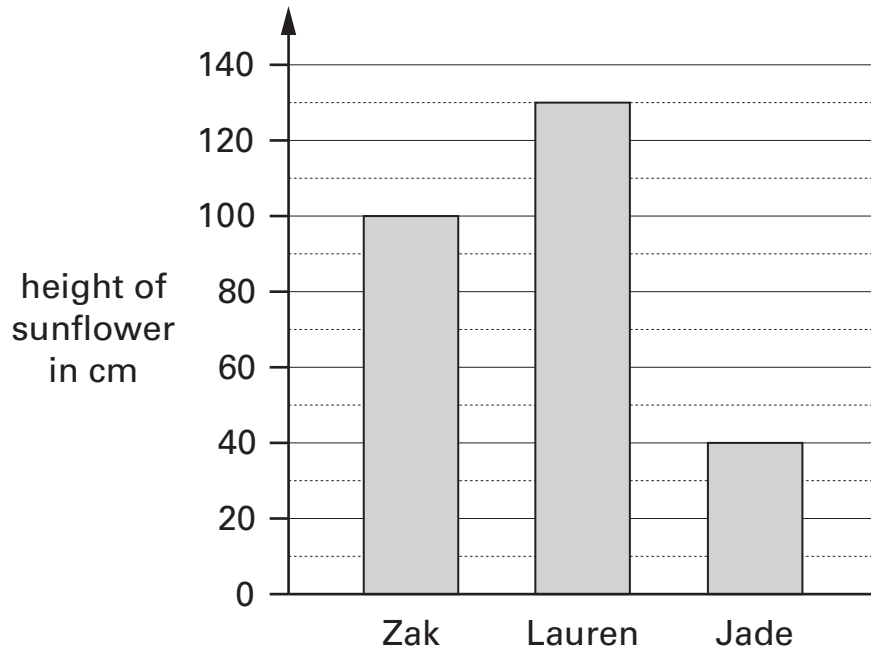
1 mark



25

Three children measure the height of their sunflowers.

Here are their results.



How tall is Lauren's sunflower?



25a

1 mark

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

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

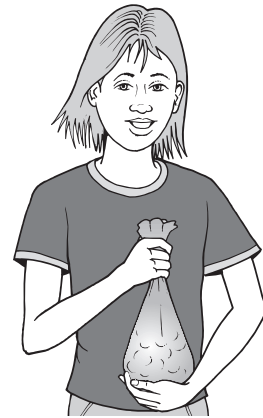
27

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.



$$5 \times 6 = 10 \times \boxed{}$$

$$5 \times 6 < 10 \times \boxed{}$$

28

1 mark





END OF TEST



