

KEY STAGE

Mathematics test

IEVELS

Test A Calculator not allowed

First name	
Last name	
School	
DfE no.	



For marker's use only	Page	Marks
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Sourced from SATs-Papers.co.uk

https://www.SATs-Papers.co.uk

These three children appear in some of the questions in this test.



Holly

Dev

Joe

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.

Ø

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.





The hundreds digit is greater than 4

Holly's number is **odd**.

What number did Holly make?



1 mark

1

Write one number from each circle to make this calculation correct.



Class 6 collect litter from a park.

This chart shows some of the litter they have collected so far.





Dev has five coins.

He has £1.60 altogether.



Here are six shapes on a square grid.





1 mark

5



He gives 18 of the chocolates to his friends.

How many chocolates are left in the box?		
		6a 1 mark
Holly has a box of mints.	mints	
She has 10 friends.		
She gives them 5 mints each.		
She has 13 mints left.		
How many mints were in the box at the sta	rt?	
		6b 1 mark



Holly takes half an hour to walk from home to school.

She arrives at school at 8:25 am.

8



Use each number **once** to complete the sums.

One sum has been done for you.

$$1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8$$

$$1 + \quad 5 \quad + \quad 6 \quad = 12$$

$$2 + \quad - \quad + \quad = 12$$

$$3 + \quad - \quad + \quad = 12$$

$$6 + \quad - \quad + \quad = 12$$

8i

8ii

The numbers in the sequence increase by 25 each time.



10

Shade **two** squares and **one** triangle to make this design symmetrical about the mirror line.



1 mark





Dev and Joe each buy a book.

Dev pays with a 5 note and gets 1.05 change.

Joe's book costs £7

How much more does Joe's book cost than Dev's book?







Joe places some apples on a weighing scale.

The pointer shows the mass of the apples.



He takes away one apple.

The mass goes down by 120 grams.

Draw the pointer in its new position on the scale below.





Holly says,



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



Explain how you know.











Dev has three discs.

Each disc has a 7 on one side and an 8 on the other side.



He spins all the discs and adds the three scores together.

How many **different totals** can he get using the three discs?



500 children started a 20 kilometre sponsored cycle ride.

This graph shows how far they cycled.







The cube is turned to look like this.

Draw and shade the missing shapes.



1 mark 22b

22a

1 mark



The dots on the line are equally spaced.



Here is a sketch of a quadrilateral.



Draw the full-size quadrilateral **accurately** below.

Use a protractor (angle measurer) and a ruler.

Two of the lines have been drawn for you.



Ø

Joe has two strips of card.

Each strip is 36 centimetres long.

One strip is divided into three equal parts.

The other strip is divided into four equal parts.



Joe uses the two strips to make this shape.





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