Key stage 1

Mathematics

Paper 2: reasoning

First name	
Middle name	
Last name	

Total marks

Charlie

Eeshu

Arthur

Kate

Marcus

Sita

Practice question

90 + 5 =

1

2

3

16   25   35   50   55   59

4

Prepare 4 SATS
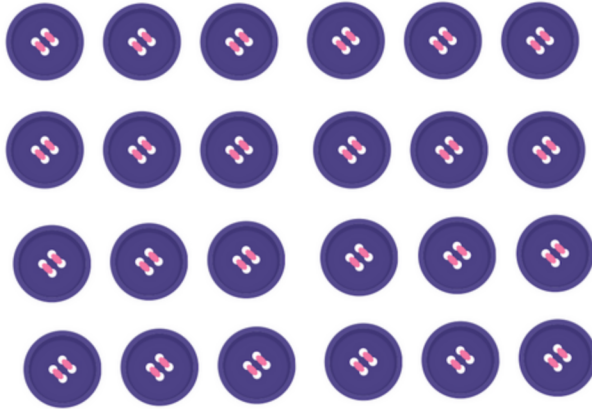
5

98   96   94   ☐ ☐ ☐

1 mark

6   Match these numbers to their names.

16   Forty seven

47   Twenty three
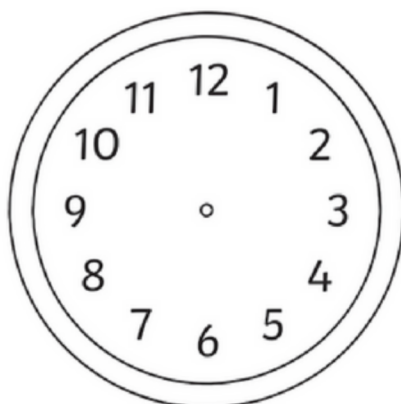
98   Sixteen

23   Ninety eight

1 mark

Prepare 4 SATs

7 Draw hands on this clock to show the time **quarter past 8**

8 Write two numbers to make this calculation correct.

$$\boxed{} + \boxed{} = 100$$

Now, write four same numbers to make this calculation correct.

$$\boxed{} + \boxed{} + \boxed{} + \boxed{} = 100$$

9 Use $<, >, =$ symbols . Put the correct sign in the box below.

150ml ⬜ 105ml

10 What number is shown by the arrow on this number line?

0　　　　　　　10　⬜　　　　　　20

Prepare 4 SATS
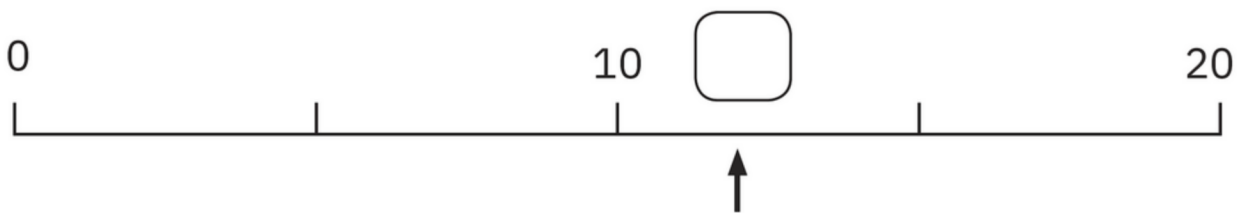
11 How much money is in the purse?
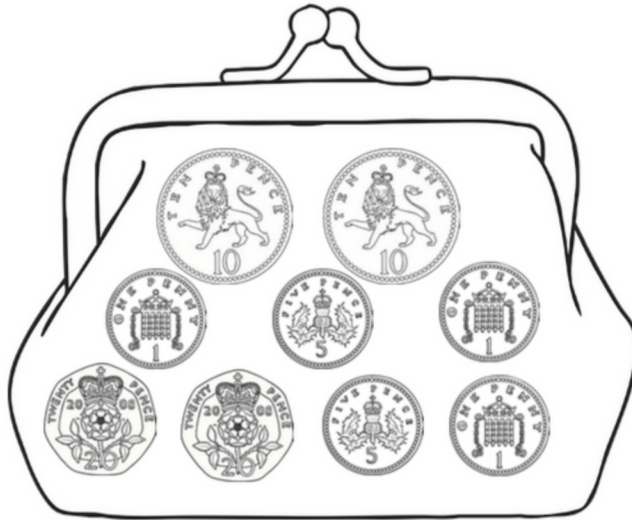
1 mark

12 Here are some digit cards.

| 3 | 5 | 6 | 10 |

2 digit cards can be placed in this calculation to complete it.

Write the numbers in the boxes.

$$\boxed{} \times \boxed{} = \mathbf{30}$$

13 Write 4 even numbers:

$\boxed{}$ $\boxed{}$ $\boxed{}$ $\boxed{}$

Write 4 odd numbers:

$\boxed{}$ $\boxed{}$ $\boxed{}$ $\boxed{}$

Prepare 4 SATS

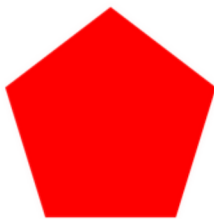**14** Name these shapes.

15 What shape am I?

I am a 3D shape.
I have 8 edges.
I have 5 vertices.
I have 1 square-shaped face
and 4 triangle-shaped faces.

Write the name of the shape in the box below.

16 In Yew tree Class,5 children bring a packed lunch and 23 children have school dinners.
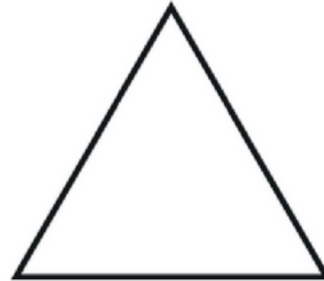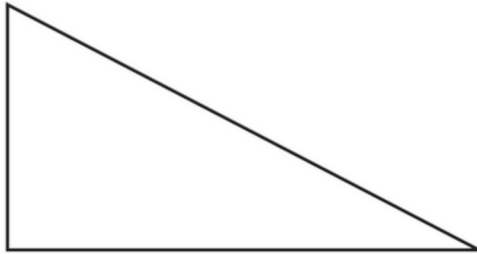
a) How many children are in the class in total?

1 mark

b) What is the difference between the number of children with a packed lunch and the number of children having school dinners?

1 mark

Prepare 4 SATS

17 One of these triangles is symmetrical. Draw a line of symmetry on one of these triangles.

18 A class raise £60 for a charity and the teacher donates enough money to make the total £100.

Which of the following calculations could help you work out how much the teacher has donated?
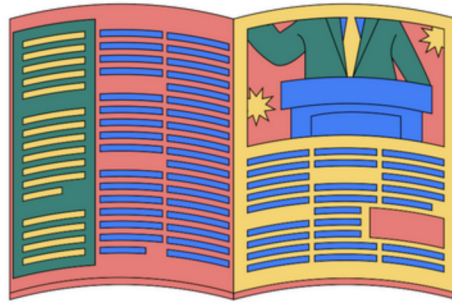
$$6 + 4 = 10 \qquad 6 + 10 = 16$$

How much has the teacher donated?

19 Eeshu has 25p. Her father gives her 50p.
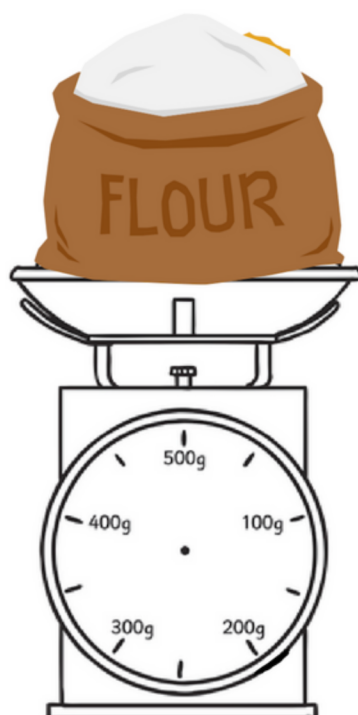She buys a magazine for 40p. How much money has Eeshu got left?

1 mark

20 Arrange the numbers from smallest to largest.

(65) (43) (7) (99) (24) (15)

[ ] [ ] [ ] [ ] [ ] [ ]

1 mark

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21 Marcus needs 350g of flour. Draw the arrow on the scales to show the flour weighing 350g.

1 mark

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22 Sita buys an ice cream for 65p. She pays with a £1 coin. How much change does she receive?

23 Write the number 95 in words.

24 Complete this calculation.

$$100 - 1 = \boxed{}$$

$$50 = \boxed{} \times 10$$

25 The teacher asks Arthur to share 25 books equally on 5 tables.

How many books will Arthur put on each table?
Write the calculation you would use to find the answer.

26 The children in a class collect some coins. They have five 1p coins and five 10p coins.
How much money have the children collected?

1 mark

27 A baker has made 30 cookies. He divides them equally between 5 bags.

How many cookies are in each bag?

1 mark

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28 There are **20** Donuts. **2** are eaten. How many Donuts are left?

Donuts

29 Kate has calculated that **43 -13 = 30.**
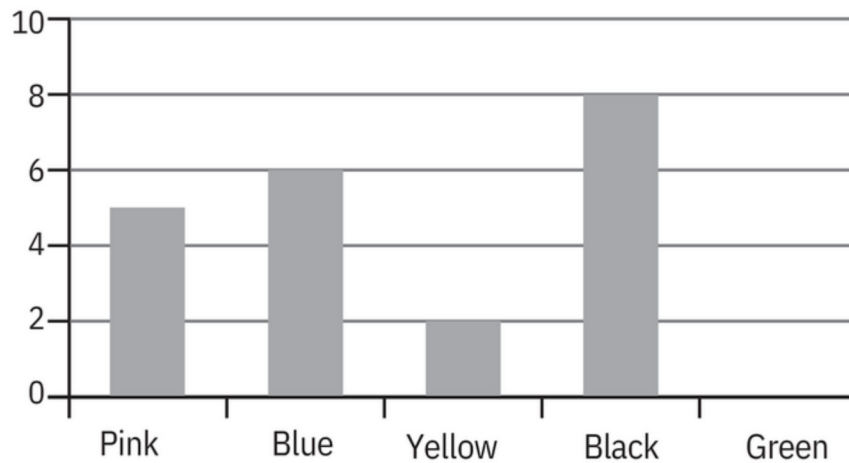Write an inverse calculation to check the answer.

30 A class choose their favourite colours.

Here is a block diagram showing the choices of the children.

a) How many more children voted for the most popular colour than the least popular?

b) Green colour received 3 more votes than yellow. Draw the bar to the correct height.

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31 Eeshu has **£20**. She spends **¼** of her money on a new toy teddy.

How much does the teddy cost?

How much does Eeshu have left?

32 How many minutes are in half an hour?

1 mark

Question 1	There are 24 buttons on the page. Put a ring around half of them.
Question 2	Two, Four, Six, Eight... Write the next two numbers in the sequence
Question 3	Circle any number where the digit 5 represents 50.
Question 4	Write the number that is one more than 17.
Question 5	Continue the sequence.. Write the missing numbers in the box.

End of test

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