

2017 national curriculum tests

Key stage 1

MATHEMATICS

Modified large print

Paper 2: reasoning

First name _____

Middle name _____

Last name _____

Note for marking:

This paper should be marked using the standard mark schemes for KS1 mathematics: Paper 2. Please also refer to the Key stage 1 mathematics amendments to mark schemes – MLP document for questions that have been modified or replaced.

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In this booklet you will read the names of six children.

They are called:

Amy

Ajay

Sam

Ben

Sita

Kemi

Practice question

2 3

_____ **footballs**

- 1. Ben
 Kemi
 Sam
 Sita**

_____ **p**

2. 110

1001

111

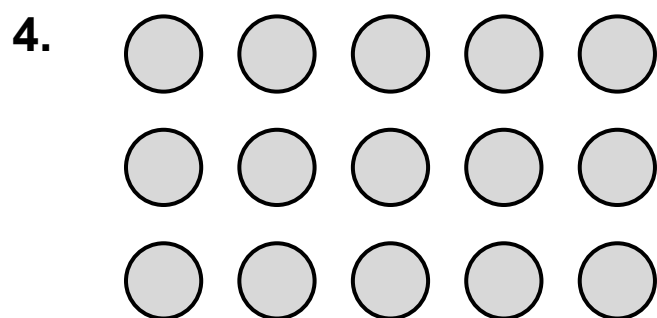
101

200

3. 63

10

_____ bean bags



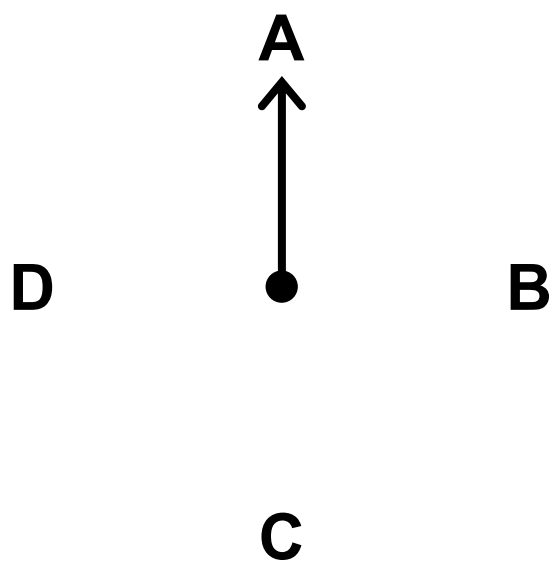
$$5 + 3$$

$$5 - 3$$

$$5 + 5$$

$$5 \times 3$$

5.



6. Look at the five numbers below.

73 37 76 36 63

Write these numbers in order, starting with the smallest.

smallest

largest

7. Look at the four times in the list below.

70 minutes

10 minutes

45 minutes

1 hour

Circle the shortest time.

8. A game costs **£25**

Ben has **£19**

How much **more** money does Ben need to buy the game?

£ _____

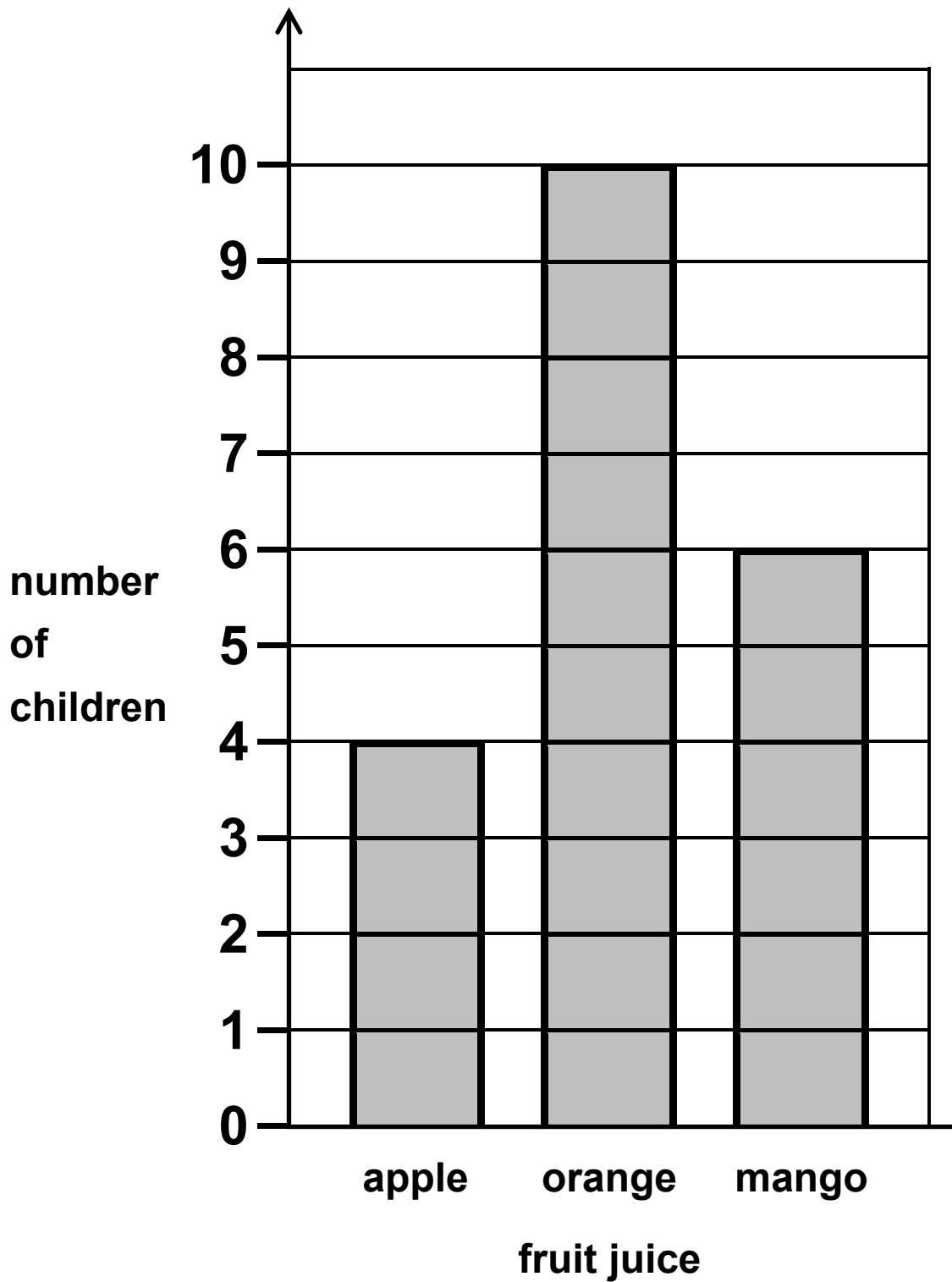
9. Look at the four numbers below.

73 58 64 45

Write the **two** numbers that are even.

10. **20** children choose their favourite fruit juice.

The chart below shows the results.



- (a) How many **more** children choose orange than apple?

_____ children

- (b) Another boy joins the group.

He chooses mango juice.

How many children choose mango juice altogether?

_____ children

11. Look at the four times in the list below.

03 : 08

08 : 30

08 : 03

08 : 00

**Write the time from the list that is the same as
half past 8**

12. Measure the line below.

Use a ruler.



_____ **cm**

13. Look at the four numbers below.

0 14 50 61

Write each number **ONCE** to make the following correct.

$$\square > \square$$

$$\square > \square$$

14. **20** bananas are shared equally among **4** monkeys.

How many bananas does each monkey get?

_____ bananas

15. **10** add **7** equals **17**

$$9 + \boxed{} = 17$$

Write the missing number in the box.

$$\boxed{} + 6 = 17$$

Write the missing number in the box.

16. Look at the list of six coins below.

1p 10p 50p 5p 20p 2p

What is the largest amount you can make using **three** of these coins?

_____ p

17. Look at the list of four fractions below.

$$\frac{1}{4} \quad \frac{1}{3} \quad \frac{2}{4} \quad \frac{3}{4}$$

Ben ate half a pizza.

Circle the fraction from the list that shows the amount he ate.

18. Write six **different** numbers to make the sums below correct.

$$\square + \square = 27$$

$$\square + \square = 27$$

$$\square + \square = 27$$

19. Ben and Sita count cars.

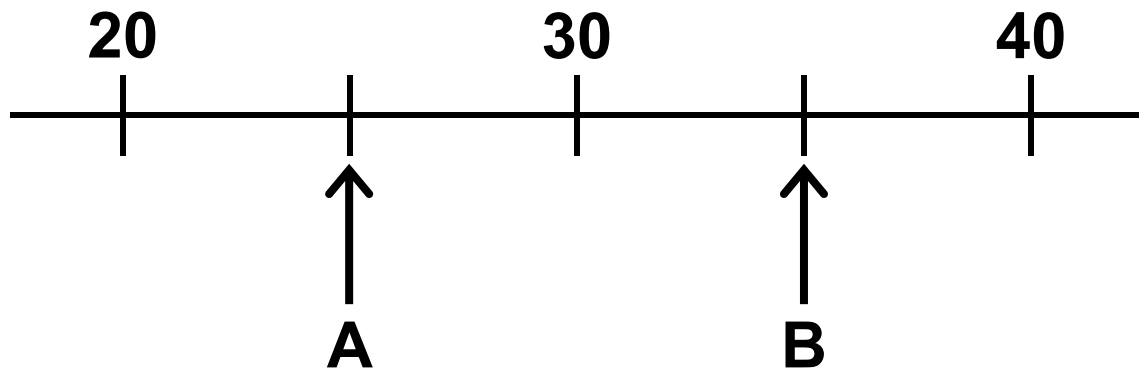
Ben counts 38 red cars.

Sita counts 23 blue cars.

How many cars do they count altogether?

_____ cars

20. Look at the number line below.



The numbers on the number line go up by the same amount each time.

Write the number shown by arrow **A**.

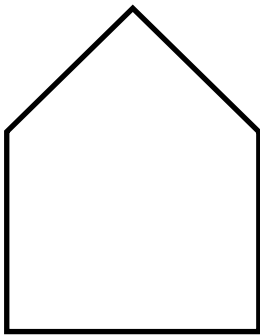
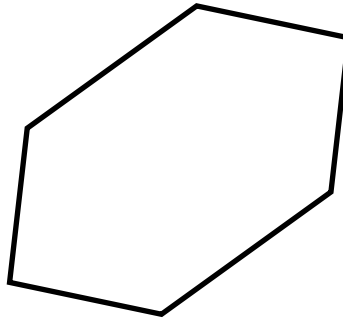
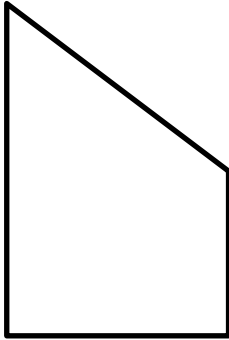
Write the number shown by arrow **B**.

21. Ajay, Sam and Kemi have **4** conkers each.

How many conkers do they have altogether?

_____ conkers

22. Look at the four shapes below.



Tick the pentagon.

23. Look at the number sentence below.

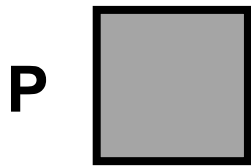
$$9 + 7 - \boxed{} = 12$$

Write the missing number in the box to make the number sentence correct.

24. Look at the four shapes below.

They are labelled **P** **Q** **R** and **S**

Each shape is made from squares.



Write the letter of the shape that has
exactly $\frac{1}{3}$ shaded.

25. $3 + 7 = 10$

Complete the two sums below.

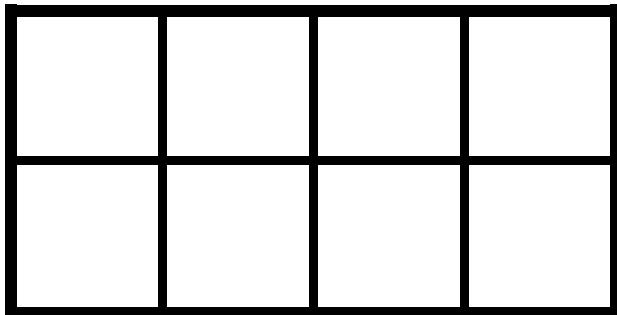
Write your answers in the boxes.

$$33 + \boxed{} = 40$$

$$\boxed{} + 7 = 80$$

26. Look at the shape below.

It is made from eight squares.



Mark one quarter of the shape.

27. Ben has **4** boxes of eggs.

There are **6** eggs in each box.

Write a number sentence using **\times** and **$=$** to show that Ben has **24** eggs altogether.

28. There are **55** cakes.

20 boys and **19** girls each take a cake.

How many cakes are left?

Show your working.

_____ cakes

29. You have four solid shapes for this question.

They are labelled P Q R and S

Write the letters of the **two shapes that have more than **8** edges.**

30. There are **76** cars in a car park.

18 more cars go into the car park.

Then **35** cars go out.

How many cars are in the car park now?

Show your working.

_____ cars

31. A strawberry weighs **24** grams.

The strawberry and a tomato together weigh **69** grams.

What does the tomato weigh?

_____ g

END OF TEST



Standards
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| | |
|-------------|--|
| Total marks | |
|-------------|--|

2017 key stage 1 mathematics

Paper 2: reasoning

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