2025 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: Ajay Amy Ben Kemi Sam Sita **Practice question**

10



1.





4. 2 3 4

3.



6. Amy's number has 8 tens and 7 ones.

Write her number.

7. Sam has **3** boxes of marbles.

Each box has 4 marbles.



How many marbles does Sam have altogether?

marbles

8. Tick or mark the card that shows the number thirteen.



9. Look at the four shapes below.



Tick or mark the shape that does **not** have a line of symmetry.

10. You have two models for this question.

Model **A** is a cube. Model **B** is a cuboid.

Look at the cube and the cuboid.

Tick or mark the statement that is true about both shapes.

Both have **12** faces each.

Both have **8** faces each.

Both have **6** faces each.

11. Look at the four statements about time.

Only two statements are correct.

Tick or mark the **two** correct statements.

1 hour is the same as 30 minutes.

1 hour is the same as 60 minutes.

1 day is the same as 20 hours.

1 day is the same as 24 hours.

12. Complete the number sentences.

One is done for you.

$$5 + 5 = 10$$

 $9 + 2 = 12$
 $= 8 + 5$

13. There are **8** trays of strawberries.

Each tray has **10** strawberries.

How many strawberries are there altogether?

_____ strawberries

14. Ajay gets stickers for good work.



15. Write a digit in each box to complete the number sentence.

16. Kemi has **20** seeds.

She gives some to Ben.

Kemi has 8 seeds left.

How many seeds does Kemi give to Ben?

seeds

17. The number sentences below total **20**

Write the missing numbers.

One is done for you.

$$11 + 9 = 20$$
$$15 + = 20$$
$$+ 4 = 20$$

18. A bottle holds half a litre of water.

How many of these bottles make one litre?

_____bottles

19. Amy has four shapes.
They are labelled P Q R and S.
Amy sorts the shapes into two groups.

Shapes with 4 vertices or fewer.



Shapes with 5 vertices or more.



Write the letter of the shape that is in the **WrONG** group.

20. Ben has eleven £2 coins.

How much money does Ben have?



21. Tick or mark **all** the amounts that can be made using only **5p** coins.

20p 13p 51p 15p

30p

22. Look at the three symbols below.

+ _ =

Use two of the symbols to complete the number sentence below.



Now use two of the symbols to complete this number sentence in a different way.



23. Look at the three shapes below.

What fraction of each shape is shaded?

One is done for you.



24. Amy has **75p.**

Ben gives Amy three **5p** coins.

How much money does Amy have now?

25. A train has **93** people on board.

At the station **21** people get off.

Then 9 people get on.

How many people are on the train now?

Show your working.

_____ people

26. Here is a number sentence:

12 + 7 = 19

Tick or mark the **two** calculations below that can be used to check if the number sentence is correct.

- 19 12
- 19 + 12
- 19 + 7
- 19 7

27. Look at the four statements below.

Only one of the statements is correct.

3cm > 3m

- 3kg > 3g
- 3ml > 3l
- 3p > £3

Tick or mark the correct statement.

28. Kemi buys a banana for 23p.

She pays with a 50p coin.

Look at the four sets of coins below.

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

| Set P | 20 p | 10p | | |
|--------------|-------------|-----|-----|-----|
| Set Q | 1р | 10p | 2р | 10p |
| Set R | 5р | 20p | 2р | |
| Set S | 5р | 5р | 10p | |

Tick or mark the letter of the set of coins that shows how much change Kemi gets.

29. A puzzle has 40 pieces.

Ben places 6 pieces into the puzzle.

Sita places **19** pieces into the puzzle.

How many pieces are left to finish the puzzle?

Show your working.

_____ pieces

- 30. The times below show when each class went to lunch.
 - Class A 12:30
 - Class B 11:45
 - Class C 12:15
 - Class D 12:45

Put the classes in the order they went to lunch, starting from first to last.

One is done for you.



first

last

31. Look at the chart below.

Key: \bigwedge stands for **2** sandwiches

| Sandwich | Number of sandwiches |
|----------|-------------------------------|
| tuna | $\Delta \Delta$ |
| cheese | $\Delta \Delta \Delta \Delta$ |
| egg | $\triangle \triangle \Delta$ |

Look at the four lists of sandwiches below.

- 2 tuna 4 cheese 3 egg
- 2 tuna 2 cheese 3 egg
- 4 tuna 7 cheese 6 egg
- 4 tuna 8 cheese 6 egg

Tick or mark the list that shows the correct number of sandwiches in the chart.

32. Look at the list of numbers below.

Tick or mark **two** numbers that add together to make **70**

27 35 37 43 45

33. Look at the diagram below.



R

The arrow starts at Q and finishes at P.

The arrow is turning in a clockwise direction.

How much has the arrow turned?

Tick or mark the correct answer.

quarter turn

half turn

three-quarter turn

full turn

End of test

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| Total marks |
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Key stage 1 mathematics Modified large print version of Paper 2: reasoning

Print version product code: STA/25/8908/MLp ISBN: 978-1-83507-286-8 Electronic PDF version product code: STA/25/8908/MLe ISBN: 978-1-83507-300-1

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