

**2026 national curriculum tests**

# **Key stage 1**

**Mathematics**

## **Braille transcript of Paper 2: reasoning**



**Standards  
& Testing  
Agency**

**[braille page 1, facing page 2]**

In this booklet, \_\_\_\_\_ indicates a missing number or a missing sign.

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

They are called:

Ajay

Amy

Ben

Kemi

Sam

Sita

**[braille page 2]**

Practice question

P \_\_\_\_\_

Q \_\_\_\_\_

R \_\_\_\_\_

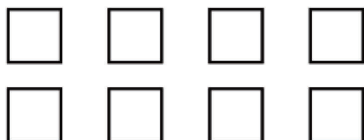
**[braille page 3]**

1. 55 56 57 58 59

**[braille page 4]**

Diagram for question 2

2.



### Test administration guidance

Please refer to *Administering the braille version of the key stage 1 mathematics Paper 2: reasoning* for details of instructions to read out to pupils at the start of the test. This is the script for the practice question and questions 1 – 5.

#### Practice

Look at the practice question.

**Look at the three lines.** [Pause]

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

**Write the letter of the shortest line.**

1. Turn to the next page. [Pause]

**Look at the list of numbers.** [Pause]

**I am going to count from 55**

**When I stop, write the number I should say next.**

**55...56...57...58...59...**

Write your answer.

2. Turn to the next page. [Pause]

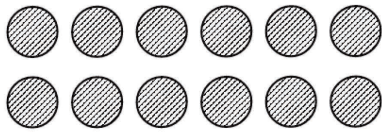
**Look at the array of eight squares.** [Pause]

**How many squares are there in half of the array?**

Write your answer.

**[braille page 5, facing page 6]**

3. Diagram for question 3



**[braille page 6]**

P.  $6 - 2$

Q.  $6 \times 2$

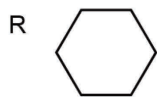
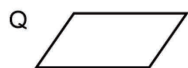
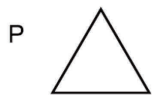
R.  $6 \div 2$

S.  $6 + 2$

4. 86 20

**[braille page 7]**

5. Diagram for question 5



### Test administration guidance

3. Turn to the next page. [Pause]  
**Look at the diagram of circles on the facing page. [Pause]**  
**The circles are set out in an array.**  
**Look at the four calculations on the next page. [Pause]**  
**They are labelled P Q R and S.**  
**Write the letter of the calculation that matches the array.**
4. Look at question 4. [Pause]  
**Look at the two numbers. [Pause]**  
**What is eighty-six minus twenty?**  
**Write your answer.**
5. Turn to the next page. [Pause]  
**Look at the four shapes. [Pause]**  
**They are labelled P Q R and S.**  
**Write the letter of the shape that is a pentagon.**

**[braille page 8]**

6. Look at the list of numbers below.

83

94

76

65

Write the numbers in order from smallest to largest.

**[braille page 9, facing page 10]**

7. Diagram for question 7



**[braille page 10]**

Look at the diagram of rods and squares on the facing page.  
Each rod stands for 10. Each square stands for 1.

What number does the diagram show?

**[braille page 11]**

8. Ben wants to buy a robot.

It costs £20

He has £11

How much more money does he need?

£\_\_\_\_\_

**[braille page 12]**

9. Look at the list of five numbers below.

16

26

61

56

66

Write all the numbers that have 6 tens.

### **Test administration guidance**

Stop the pupil and introduce the written section of the test.

6. No specific guidance.
7. Make sure the pupil finds the rods and squares in the diagram on the facing page.
8. No specific guidance.
9. No specific guidance.

**[braille page 13, facing page 14]**

10. Diagram for Question 10

P \_\_\_\_\_

Q \_\_\_\_\_

R \_\_\_\_\_

**[braille page 14]**

Look at the lines on the facing page. They are labelled P, Q and R.

Compare the length of the lines using these signs > < =

Write the correct sign in each sentence.

a) Length of line P \_\_\_\_\_ length of line Q

b) Length of line Q \_\_\_\_\_ length of line R

**[braille page 15]**

11. A bag has 100 g of pasta.

Sam uses 70 g.

How much pasta is left in the bag?

\_\_\_\_\_ g

**[braille page 16]**

12. Look at the four times below.

They are labelled P Q R and S.

P. 6 weeks

Q. 6 years

R. 6 months

S. 6 days

Write the letter for each time in order from the shortest to the longest.

**[braille page 17]**

13. Amy buys a pack of 5 stickers each week.

How many stickers does Amy buy in 4 weeks?

Write the correct number from the list below.

5

10

15

20

25

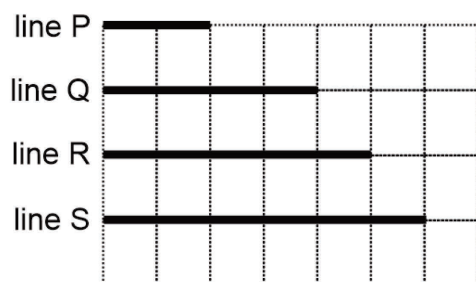


### **Test administration guidance**

10. Make sure the pupil finds the three lines on the facing page. The pupil may use any usual classroom method to compare the lengths of the lines. Encourage the pupil to braille a before part a) and b before part b).
11. No specific guidance.
12. No specific guidance.
13. No specific guidance.

**[braille page 18, facing page 19]**

14. Diagram for question 14



**[braille page 19]**

Look at the diagram on the facing page. It shows four lines.  
The lines are labelled P Q R and S.

Write the letter of the line that is double the length of line P.  
line \_\_\_\_\_

**[braille page 20]**

15. Complete the three number sentences below to show different ways to make the total 100
- a) \_\_\_\_\_ + 50 = 100
  - b) 40 + \_\_\_\_\_ = 100
  - c) \_\_\_\_\_ + 80 = 100

**[braille page 21]**

16. Look at the list of numbers below.
- 11
  - 48
  - 72
  - 63
- Write the two even numbers from the list.

**[braille page 22]**

17. You have a model for this question.  
Look at the triangular prism.  
How many faces does a triangular prism have?  
\_\_\_\_\_ faces

### **Test administration guidance**

14. Make sure the pupil finds the diagram on the facing page.
15. Encourage the pupil to braille a before part a) and b before part b) and c before part c).
16. No specific guidance.
17. Make sure the pupil has the model for this question. Help the pupil to explore the shape. You may tell the pupil the model is a triangular prism.

**[braille page 23, facing page 24]**

18. Diagram for Question 18

Kemi



Sam



**[braille page 24]**

Look at the diagram on the facing page.

Kemi has 7 blocks.

Sam has 3 blocks.

Kemi gives Sam some of her blocks.

They now have the same number of blocks.

How many blocks did Kemi give Sam?

\_\_\_\_\_ blocks.

**[braille page 25]**

19. Look at the chart below.

: stands for 1 day.

| Weather | Number of<br>days |
|---------|-------------------|
|---------|-------------------|

.....

Snowy ..... :

Sunny ..... ::

Rainy ..... ::::

How many sunny and rainy days were there altogether?

\_\_\_\_\_ days

**[braille page 26]**

20. Here are three numbers.

2 5 10

Use the numbers to make two different calculations.

a) \_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_

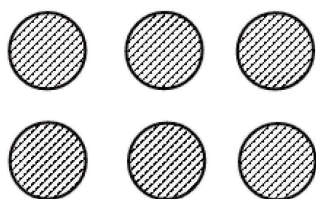
b) \_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_

### **Test administration guidance**

18. Make sure the pupil finds the diagram on the facing page.
19. No specific guidance.
20. Encourage the pupil to braille a before part a) and b before part b).

**[braille page 27, facing page 28]**

21. Diagram for Question 21



**[braille page 28]**

Look at the array of circles on the facing page.

Amy is drawing an array of circles showing 2 groups of 4

She has only drawn some of the circles.

How many more circles does Amy need to draw to complete her array?

**[braille page 29]**

22. Look at the list of nine numbers below.

1 2 3 4 5 6 7 8 9

a) Use the numbers to make the calculation correct.

$$7 + \underline{\quad} + \underline{\quad} = 20$$

b) Now use two different numbers to make the calculation correct.

$$7 + \underline{\quad} + \underline{\quad} = 20$$

**[braille page 30]**

23. Sam has two coins.

The two coins are the same.

His coins total one of these amounts.

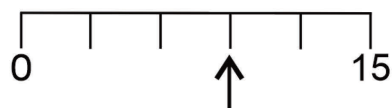
30p 35p 40p 45p

Write the correct amount.

       p

**[braille page 31, facing page 32]**

24. Diagram for Question 24



**[braille page 32]**

Look at the number line on the facing page. It is divided into equal steps of 3

Write the number that the arrow is pointing to.

**[braille page 33]**

25. Sita is building towers using cubes.

Each tower has 5 cubes.

Sita has 45 cubes.

How many towers does she make?

       towers

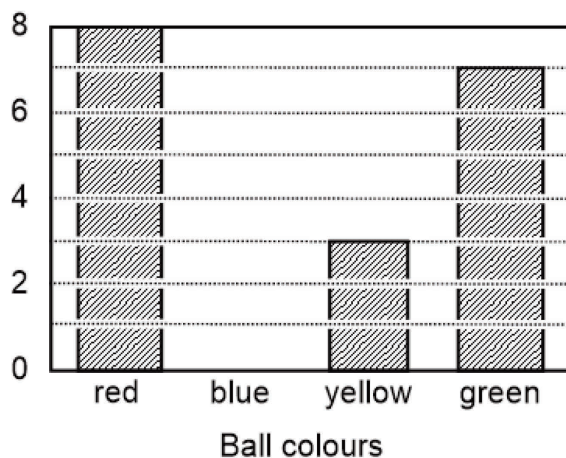
### **Test administration guidance**

21. Make sure the pupil finds the diagram on the facing page.
22. Encourage the pupil to braille a before part a) and b before part b).
23. No specific guidance.
24. Make sure the pupil finds the diagram with the number line and arrow on the facing page.
25. No specific guidance.

**[braille page 34, facing page 35]**

26. Diagram for Question 26

Number of  
balls



**[braille page 35]**

Look at the diagram on the facing page.

A class has 20 balls altogether.

The balls are red, blue, yellow or green.

The block diagram shows how many there are of each colour.

The number of blue balls is missing.

How many balls are blue?

\_\_\_\_\_ blue balls

**[braille page 36]**

27. Write four coins that total 27p.

28. There are 6 boxes of crayons.

Each box has 5 crayons.

Ajay takes 16 crayons.

How many crayons are left?

Show your working.

\_\_\_\_\_ crayons

**[braille page 37]**

29. Look at this fraction.

$$\frac{1}{2}$$

Write the letter of the fraction below that shows the same amount.

P.  $\frac{3}{4}$

Q.  $\frac{2}{4}$

R.  $\frac{1}{4}$

S.  $\frac{1}{3}$

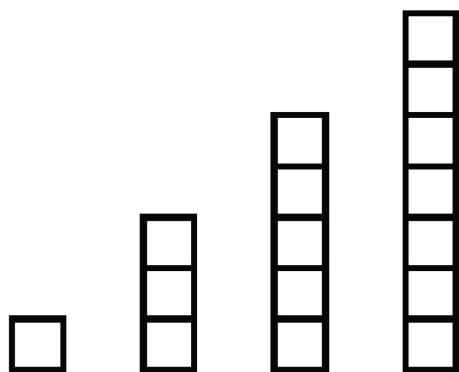


### **Test administration guidance**

- 26. Make sure the pupil finds the diagram on the facing page.
- 27. No specific guidance.
- 28. No specific guidance.
- 29. No specific guidance.

**[braille page 38, facing page 39]**

30. Diagram for Question 30



**[braille page 39]**

Look at the diagram on the facing page.

Kemi builds some towers with cubes.

The towers get bigger each time by the same amount.

How many cubes will Kemi need for her next tower?

\_\_\_\_\_ cubes

**[braille page 40]**

31. Sam is baking cakes.

He fills three cake tins.

Tin P has 24 cakes.

Tin Q has 12 cakes.

Tin R has 6 cakes.

His family eat 15 of the cakes.

How many cakes are left?

Show your working.

\_\_\_\_\_ cakes

**[braille page 41]**

32. Team A has 38 points.

Team B has 51 points.

Team B has more points than team A.

How many more?

Write the letter of the correct number.

P. 27

Q. 17

R. 23

S. 13

.....  
End of test

### **Test administration guidance**

- 30. Make sure the pupil finds the diagram on the facing page.
- 31. No specific guidance.
- 32. No specific guidance.



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Key stage 1 mathematics  
Braille transcript of Paper 2: reasoning

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