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KEY STAGE

1

LEVELS

2–3

2001

Mathematics test

# Teacher's guidance on assistance for the written questions


- These centre pages may be pulled out for manageable reference during the test.
- Any person administering the test should have a copy of these pages available for reference during the test.
- You **must not** read any numerals, symbols or abbreviations (eg '5 + 10 =' or '£1.99') unless otherwise stated.

Key stage 1  
2001

**Mathematics booklet**

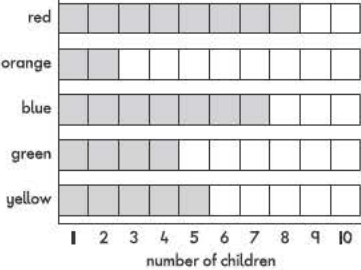
Name

Score  Level and grade



Some children made this graph.

The colour we like best



| Colour | Number of children |
|--------|--------------------|
| red    | 5                  |
| orange | 2                  |
| blue   | 7                  |
| green  | 4                  |
| yellow | 5                  |

**Practice question**

Look at the graph.  
Which colour do 5 children like best?

6 Look at the graph.  
How many children like red best?  children

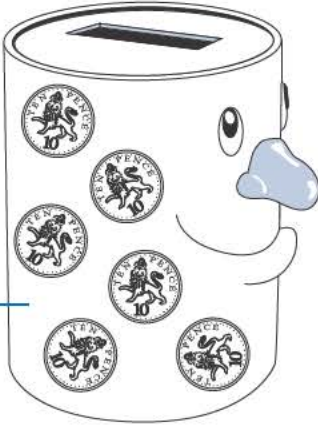
7

The children must work on their own from question 6 which is not part of the practice question.

You may read but do not rephrase.

You may read but do not rephrase.

7 How much money is in the money box?



p

8

You may indicate the money box.

Look at these cards.

3 1 4 2 6

8 Use one card each time to make these correct.

7 +  = 10

10 -  = 4

9 Write the answers.

5 + 10 =

15 + 10 =

25 + 10 =

9

You may read and rephrase any of the words in this question.

You may remind the children to use only these numbers.

Do not help with the interpretation of the equations.

You may read but do not rephrase.

You may read but do not rephrase.

10 Tick (✓) the shape which has **more than half** blue.

10

11 Draw arrows to show which shapes belong in the set.

has 5 corners

12 Add more **fives** until the total is 25

5 + 5 +

11

You may read but do not rephrase.

However, you may explain 'arrows' by indicating the one on the diagram.

You may read but do not rephrase.

For '25', say '*this number*'.

You may read and rephrase any of the words except '*number*' which may be read but not rephrased.

You may read but rephrase only '*shaded*', '*continue*' and '*shading*'.

13 Write the missing number in the box.

× 10 = 50


The numbers in the shaded squares make a sequence.

14 Continue the sequence by shading more squares.

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  |
| 8  | 9  | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | 32 | 33 | 34 | 35 |

12

There are 4 apples in each pack.



Mrs Pullen buys 3 packs of apples.

15 How many apples does she buy?

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16 Write the correct sign in each box.

58  26 = 84

43  17 = 26

33  33 = 0

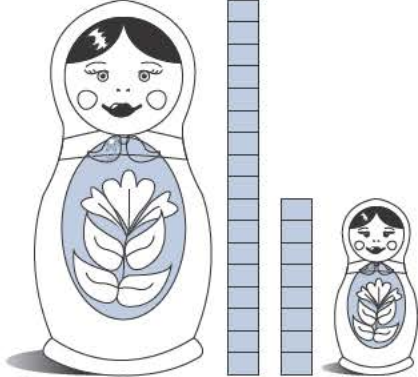
13

You may read and rephrase any of the words in this question.

You may also read the '4' in '4 apples' and '3' in '3 packs'.

You may indicate the pack of apples.

You may read but rephrase only 'correct' and 'box'.



Ann measured the height of these 2 dolls in blocks.

17 How many blocks **taller** is the large doll?

14

You may read any of the words on this page but rephrase only 'Ann', 'dolls' and 'blocks'.

You may read the '2' in '2 dolls'.

Here is a sorting diagram.

The number **34** has been sorted.

18 Sort the numbers **6** and **27**.  
Write them in the correct boxes on the diagram.

15

You may read any of the words on this page but rephrase only 'correct' and 'boxes'.

For 'The number 34' say 'This number'.

You may indicate the sorting diagram but do not indicate the direction of the arrows or help with interpretation.

For 'the numbers 6 and 27', say 'these numbers'.

You may read but rephrase only 'bus' and 'zoo'.

You may also read the '9' in '9 o'clock'.

You may read the '1' and '15' in '1 hour and 15 minutes'.

You may read but rephrase only 'Draw a ring around' and 'zoo'.

Do not help with reading or interpreting the time.

The bus left at **9 o'clock** to go to the zoo.

It arrived **1 hour and 15 minutes** later.

19 Draw a ring around the time it got to the zoo.

9:15      11:15      9:30

10:45      10:15

16

This table shows the ages of some children.

| Name    | Age     |           |
|---------|---------|-----------|
| Fred    | 7 years | 4 months  |
| Harriet | 7 years | 0 months  |
| Isla    | 6 years | 10 months |
| Julian  | 7 years | 6 months  |
| Kate    | 6 years | 11 months |
| Asim    | 6 years | 11 months |

20 How many children are older than Harriet?

21 Who is the youngest?

17

You may read but do not rephrase any of the words on this page.

You may read the ages as written including the numbers.

You may read but rephrase only 'Join'.  
For '100', say 'this number'.

22 Join **two** other numbers which total **100**

44  
 81                      56  
 26                      74  
                          22                      19

23 Write the total.

$100 + 90 + 80 = \square$

18

You may read but do not rephrase.

24 Shade the correct triangle in the last hexagon.

**starting shape**     $\rightarrow$     **after a half turn**

19

You may read any of the words on this page but rephrase only 'shade' and 'correct'.

You may read but rephrase only 'match' and 'box'.

You may read but do not rephrase the words above the arrow.

You may read the '10'.

25 Match each number in a box to the nearest **10**

to the nearest **10** is  $\rightarrow$

158

142

131

140

130

180

160

150

120

20



26 Write the number which is half of 38

---

27 Write 3 of these numbers in the empty boxes.  
The numbers in the boxes must be in order.

309                      410  
                                 908  
701                      1000

|         |  |  |  |          |
|---------|--|--|--|----------|
| 998     |  |  |  | 340      |
| largest |  |  |  | smallest |

21

You may read but do not rephrase.  
For '38', say '*this number*'.

You may read any of the words but rephrase only '*empty*' and '*boxes*'.  
You may read the '3' in '*3 of these numbers*'.

You may read '*largest*' and '*smallest*'.

You may read but rephrase only '*missing*' and '*box*'.

You may read but do not rephrase any of the words in this question.  
You may read the '2' in '*2 lines*'.

28 Write the missing number in the box.

÷ 2 = 7

---

29 Draw the 2 lines of symmetry on this shape.  
You may use a mirror.

22

30 Add together **24**, **67** and **45**  
 Show how you work it out in the box.

The total is

23


You may read but do not rephrase any of the words on this page.  
 For '24, 67 and 45', say 'these three numbers'.

You may indicate the box.

Remind the children to show their method. They may gain one mark even if their answer is wrong.

For '26', say 'this number of'.  
 You may read but do not rephrase any of the words except 'Sadi', 'cartons', 'juice', 'party' and 'pack'.

Sadi needs **26** cartons of juice for her party.  
 There are **four** cartons in a pack.



31 How many packs does she need to buy?  packs

24


32 Write the answer.

$$51 - 27 = \square$$

Ellen has a £5 note. \_\_\_\_\_

She spends £1.99

33 Draw a ring around each coin she gets in her change.



25

You may read but do not rephrase.

You may read but rephrase only 'Ellen'.  
For '£5' and '£1.99', say 'this amount'.

You may read but rephrase only 'Draw a ring around'.

You may read but rephrase only 'box' and 'correct'.


You may read but do not rephrase any of the words except 'jug' and 'Ravi'.

For '150', say 'this number of'.

34 Write the number in the box to make this correct.

$$60 - 40 = 20 + \square$$

This jug has water in it.



Ravi pours 150 millilitres of water out of this jug.

35 How much water will be left in the jug?  millilitres

26

