

2024 national curriculum tests

Key stage 2

Mathematics
Paper 1: arithmetic

First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
School name						
DfE number						



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Instructions

You **must not** use a calculator to answer any questions in this test.

Questions and answers

You have **30 minutes** to complete this test.

Work as quickly and as carefully as you can.

Put your answer in the box for each question.

All answers should be given as a single value.

For questions expressed as common fractions or mixed numbers, you should give your answer as a common fraction, a mixed number or a whole number as appropriate.

If you cannot do a question, **go on to the next one**.

You can come back to it later, if you have time.

If you finish before the end, **go back and check your work**.

Marks

The number under each box at the side of the page tells you the number of marks available for each question.

In this test, long division and long multiplication questions are worth **2 marks each**. You will be awarded **2** marks for a correct answer. You may get **1** mark for showing a formal method.

All other questions are worth **1 mark each**.



1

$689 + 38 =$

1 mark

2

$72 \div 3 =$

1 mark

3

$23 \times 6 =$

1 mark



4

$$4,532 - 19 =$$

1 mark

5

$$3 \times 391 =$$

1 mark

6

$$\boxed{} = 9,171 - 530$$

1 mark



M 0 0 0 6 0 A 0 5 2 0

7

$$6,600 \div 6 =$$

1 mark

8

$$99 \times 10 \times 1 =$$

1 mark

9

$$7.68 + 13.493 =$$

1 mark



10

$9 \times 752 =$

1 mark

11

$640 \div 8 =$

1 mark

12

$= 357 - 89$

1 mark



M 0 0 0 6 0 A 0 7 2 0

13

$561 \div 3 =$

☐

1 mark

14

$\frac{4}{6} \times \frac{1}{8} =$

☐

1 mark

15

$\boxed{} = 630 \div 7$

☐

1 mark



16

$$6,020,070 = 6,000,000 + \boxed{} + 70$$

1 mark

17

$$2,671 \times 1,000 =$$

1 mark

18

$$\frac{5}{12} + \frac{1}{3} =$$

1 mark



19

$$\frac{2}{3} + \frac{4}{5} =$$

1 mark

20

$$\begin{array}{r} 6312 \\ \times \quad 14 \\ \hline \end{array}$$

Show
your
method

2 marks



21

$$2 + 3^3 =$$



1 mark

22

$$15.5 \div 100 =$$



1 mark

23

$$90 - 56 \div 8 =$$



1 mark



24

$$63 - 5.8 =$$

1 mark

25

$$\begin{array}{r} 418 \\ \times 47 \\ \hline \end{array}$$

Show
your
method

2 marks



26

$$\frac{6}{7} - \frac{11}{21} =$$

1 mark

27

$$\frac{7}{10} \div 2 =$$

1 mark

28

$$2\frac{3}{8} - \frac{5}{8} =$$

1 mark



29

$0.7 \times 26 =$

1 mark

30

3 4 | 9 8 6

Show
your
method

2 marks



99% of 600 =

A blank grid with a blue rectangle on the right side. The grid is composed of 20 columns and 10 rows. A blue rectangle is drawn on the right side, spanning 4 columns and 2 rows, starting from the 16th column and the 8th row.

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1 mark

32

$$\frac{1}{2} \div 3 =$$

A 20x10 grid with a blue rectangle in the bottom right corner. The rectangle is 5 units wide and 3 units high, spanning from column 15 to column 20 and row 7 to row 10.

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1 mark



$$1\frac{1}{4} \times 39 =$$
A blank grid with a blue rectangle on the right side. The grid is composed of 20 columns and 10 rows. A blue rectangle is drawn on the right side, spanning 4 columns and 2 rows, starting from the 16th column and the 8th row.

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11/11/2019

7	3	4	2	3	4
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**Show
your
method**

A grid with a sequence of numbers: 7, 3, 4, 2, 3, 4. The number 4 is highlighted with a thick black border. A blue rectangular box is located in the bottom right area of the grid.

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Agency

2024 key stage 2 mathematics

Paper 1: arithmetic

Print version product code: STA/24/8817/p ISBN: 978-1-83507-011-6

Electronic PDF version product code: STA/24/8817/e ISBN: 978-1-83507-032-1

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