

2016 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 **may 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 answers as common fractions or mixed numbers.

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 maximum number of marks for each question.

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

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

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



1

$$987 + 100 =$$

1 mark

2

$$46 + 304 =$$

1 mark

3

$$326 \div 1 =$$

1 mark



4

$$468 - 9 =$$

1 mark

5

$$\boxed{} = 936 + 285$$

1 mark

6

$$95 \div 5 =$$

1 mark



7

$$89,994 + 7,643 =$$

A large grid of red lines for working out the addition problem. A blue rectangular box is drawn on the right side of the grid, intended for the final answer.

1 mark

8

$$\boxed{} = 435 - 30$$

A large grid of red lines for working out the subtraction problem. A blue rectangular box is drawn on the left side of the grid, intended for the final answer.

1 mark

9

$$96 \div 4 =$$

A large grid of red lines for working out the division problem. A blue rectangular box is drawn on the right side of the grid, intended for the final answer.

1 mark



10

$$879 \times 3 =$$

1 mark

11

$$71 \times 8 =$$

1 mark

12

$$50 \times 70 =$$

1 mark



13

$$100 \times 412 =$$

1 mark

14

$$3.005 + 6.12 =$$

1 mark

15

$$486 \div 3 =$$

1 mark



16

$$15.98 + 26.314 =$$

1 mark

17

$$125.48 - 72.3 =$$

1 mark

18

$$122,456 - 11,999 =$$

1 mark



19

$$3^2 + 10 =$$

1 mark

20

$$0.9 \div 10 =$$

1 mark

21

$$4 - 1.15 =$$

1 mark



22

$$1,320 \div 12 =$$

1 mark

23

$$\begin{array}{r} 71 \\ \times 46 \\ \hline \end{array}$$

Show
your
method

2 marks



24

$$\frac{4}{7} + \frac{5}{7} =$$

1 mark

25

$$20\% \text{ of } 1,800 =$$

1 mark

26

$$15 \times 6.1 =$$

1 mark



27

$$\frac{3}{10} - \frac{1}{20} =$$

1 mark

28

2 9 | 7 2 5

Show
your
method

2 marks



29

$15\% \times 440 =$

1 mark

30

$$\begin{array}{r} 6574 \\ \times \quad 31 \\ \hline \end{array}$$

Show
your
method

2 marks



31

$$1\frac{4}{5} + \frac{3}{10} =$$

1 mark

32

4 3 | 1 1 1 8

Show
your
method

2 marks



33

$$\frac{3}{5} \div 3 =$$

1 mark

34

$$\frac{2}{5} \times 140 =$$

1 mark



35

$$1\frac{1}{4} - \frac{1}{3} =$$

1 mark

36

$$60 - 42 \div 6 =$$

1 mark



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