

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**.



E 0 0 0 6 0 A 0 3 2 0

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



E 0 0 0 6 0 A 0 5 2 0

7

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

1 mark

8

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

1 mark

9

$$96 \div 4 =$$

1 mark



10

$$879 \times 3 =$$

1 mark

11

$$71 \times 8 =$$

1 mark

12

$$50 \times 70 =$$

1 mark



E 0 0 0 6 0 A 0 7 2 0

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



E 0 0 0 6 0 A 0 9 2 0

19

$$3^2 + 10 =$$

1 mark

20

$$0.9 \div 10 =$$

1 mark

21

$$4 - 1.15 =$$

1 mark



22

$1,320 \div 12 =$

A grid of 20 columns and 10 rows of squares. A blue rectangular box is drawn in the lower right corner of the grid, spanning 4 columns and 2 rows.

1 mark

23

$$\begin{array}{r} 7 1 \\ \times 4 6 \\ \hline \end{array}$$

Show
your
method

A grid of 20 columns and 10 rows of squares. A blue rectangular box is drawn in the lower right corner of the grid, spanning 4 columns and 2 rows.

2 marks



E 0 0 0 6 0 A 0 1 1 2 0

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



E 0 0 0 6 0 A 0 1 3 2 0

31

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

1 mark

32

4 3 | 1 1 1 8

Show
your
method

2 marks



E 0 0 0 6 0 A 0 1 5 2 0

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



E 0 0 0 6 0 A 0 1 7 2 0

[END OF TEST]

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E 0 0 0 6 0 A 0 1 9 2 0



2016 key stage 2 mathematics

Paper 1: arithmetic

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E 0 0 0 6 0 A 0 2 0 2 0