

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

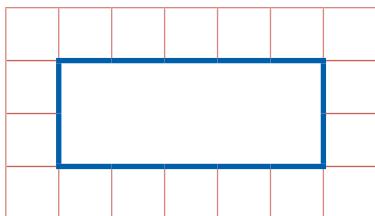
You **may not** use a calculator to answer any questions in this test.

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. **What is the primary purpose of the following sentence?**

1 mark

5

$$= 936 + 285$$

ANSWER

1 mark

6

$95 \div 5 =$

1. **What is the primary purpose of the following sentence?**

1 mark



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



13

$$100 \times 412 =$$

1 mark

14

$$3.005 + 6.12 =$$

1 mark

15

$$486 \div 3 =$$

1 mark



16

$15.98 + 26.314 =$

A blue rectangular frame with a red border and red tick marks on the top and left axes.

1 mark

17

$125.48 - 72.3 =$

1. **What is the primary purpose of the following sentence?**

1 mark

18

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

A large blue rectangular frame surrounds the entire page content. A vertical red line is positioned on the left side of the frame, extending from the top to the bottom. The rest of the page is white.

1 mark



19

$$3^2 + 10 =$$

1 mark

20

$$0.9 \div 10 =$$

1 mark

21

$$4 - 1.15 =$$

1 mark



22

$1,320 \div 12 =$

10 of 10

1 mark

23

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

Show your method

ANSWER

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

A large, empty rectangular frame with a thick blue border, occupying the top half of the page.

2 marks



29

$$15\% \times 440 =$$

1 mark

30

		6	5	7	4
x				3	1

Show
your
method

A large, empty rectangular box with a thick blue border, designed for drawing or writing.

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

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

Figure 1. A schematic diagram of the experimental setup.

1 mark

36

$60 - 42 \div 6 =$

1. **What is the primary purpose of the following sentence?**

1 mark



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Standards
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Agency

2016 key stage 2 mathematics

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Print version product code: STA/16/7375/p ISBN: 978-1-78315-931-4

Electronic PDF version product code: STA/16/7375/e ISBN: 978-1-78315-932-1

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