

National curriculum tests

# Key stage 2

## Mathematics

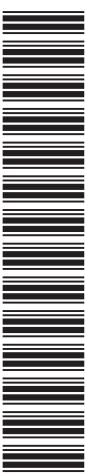
### Paper 1: arithmetic

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

# SAMPLE BOOKLET

Published July 2015

This sample test indicates how the national curriculum will be assessed from 2016.  
Further information is available on GOV.UK at [www.gov.uk/sta](http://www.gov.uk/sta).



PUPIL ID NUMBER



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## Instructions

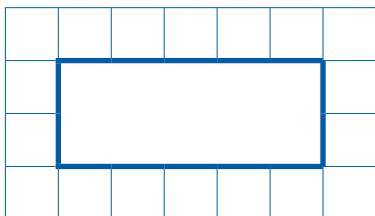
You **may not** use a calculator to answer any questions in this test.

### 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.



For questions expressed as common fractions, you should give your answers as common fractions.

All other answers should be given as either whole or decimal numbers.

If you cannot do one of the questions, **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 **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**.

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



1

$979 + 100 =$

1 mark

2

$123 \times 2 =$

1 mark

3

$6.1 + 0.3 =$

1 mark



4

$24 \times 3 =$

1 mark

5

$1,034 + 586 =$

1 mark

6

$48 \div 6 =$

1 mark



7

$472 - 9 =$

1 mark

8

$2.5 + 0.05 =$

1 mark

9

$5 \times 4 \times 7 =$

1 mark



**10**

$$\frac{4}{5} - \frac{1}{5} =$$

1 mark

**11**

$$630 \div 9 =$$

1 mark

**12**

$$1.28 \times 100 =$$

1 mark



**13**

$$4^2 =$$

1 mark

**14**

$$50,000 - 500 =$$

1 mark

**15**

$$100 \times 100 =$$

1 mark



16

$1,440 \div 12 =$

10 of 10

1 mark

17

20% of 1,500 =

## ANSWER

1 mark

18

$1.52 \times 6 =$

100 of 100

1 mark



**19**

$$\frac{1}{9} + \frac{4}{9} =$$

1 mark

**20**

$$5,756 + 8,643 =$$

1 mark

**21**

$$7,505 \div 5 =$$

1 mark



22

$12 - 6.01 =$

A 10x10 grid of light blue squares. The bottom right square is highlighted with a thick dark blue border.

1 mark

23

$$\begin{array}{r} \times \\ \hline 2 & 3 \\ 5 & 4 \end{array}$$

## Show your method

2 marks



**24**

$15.4 - 8.88 =$

--



1 mark

**25**

1 3 **3** 0 1 6

Show  
your  
method

--



2 marks



**26**

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

1 mark

**27**

$$95\% \text{ of } 240 =$$

1 mark

**28**

$$234,897 - 45,996 =$$

1 mark



**29**

$$\begin{array}{r} 678 \\ \times 54 \\ \hline \end{array}$$

Show  
your  
method

2 marks

**30**

$$17 \times 1\frac{1}{2} =$$

1 mark



**31**

$$20 - 4 \times 2 =$$

1 mark

**32**

$$\frac{2}{5} \div 2 =$$

1 mark

**33**

$$1\frac{1}{5} - \frac{1}{4} =$$

1 mark



**34**

3 7 **2** 3 3 1

Show  
your  
method

2 marks

**35**

$$\frac{3}{4} + \frac{7}{8} =$$

1 mark



36

$$\frac{3}{4} \div 2 =$$

1 mark



**[END OF TEST]**

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Standards  
& Testing  
Agency

Sample key stage 2 mathematics paper 1: arithmetic

Electronic PDF version product code: STA/15/7322/e ISBN: 978-1-78315-740-2

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