

2017 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.

A grid of 10 columns and 4 rows. A blue rectangular box is drawn in the center, spanning 4 columns and 2 rows. The grid lines are red, and the box outline is blue.

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**.



**1**

$$40 + 1,000 =$$

1 mark

**2**

$$707 + 1,818 =$$

1 mark

**3**

$$\frac{4}{6} + \frac{3}{6} =$$

1 mark



4

$$505 \div 1 =$$

1 mark

5

$$345 - 60 =$$

1 mark

6

$$2.7 + 3.014 =$$

1 mark



7

= 4,500 + 600

1 mark

8

$8 \times 33 =$

1 mark

9

$72 \div 9 =$

1 mark



**10**

$167 \times 4 =$

1 mark

**11**

$4,912 - 824 =$

1 mark

**12**

$\frac{62}{100} - \frac{38}{100} =$

1 mark



13

$$\boxed{\phantom{000000}} - 100 = 1,059$$

1 mark

14

$$50 + (36 \div 6) =$$

1 mark

15

$$\frac{4}{6} \times \frac{3}{5} =$$

1 mark





**16**

$$30 \times 40 =$$

1 mark

**17**

$$581 \div 7 =$$

1 mark

**18**

$$0.04 \div 10 =$$

1 mark



19

$$2,345 \times 1,000 =$$

1 mark

20

$$17 \overline{) 714}$$

Show  
your  
method

2 marks





**23**

$$\frac{3}{4} - \frac{3}{8} =$$

1 mark

**24**

$$\begin{array}{r} \phantom{\times} \phantom{00} 418 \\ \times \phantom{00} 46 \\ \hline \end{array}$$

Show  
your  
method

2 marks



**25**

$$37.8 - 14.671 =$$

1 mark

**26**

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

1 mark

**27**

$$\frac{4}{5} \div 4 =$$

1 mark



**28**

$$\frac{5}{8} \div 2 =$$

1 mark

**29**

$$45\% \text{ of } 460 =$$

1 mark

**30**

$$2\frac{1}{3} + \frac{5}{6} =$$

1 mark



**31**

7% of 500 =

1 mark

**32**

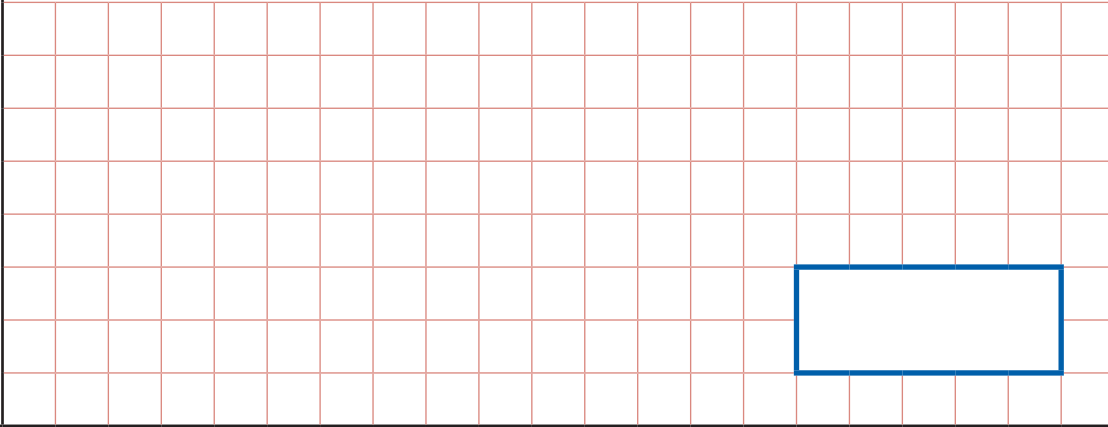
$\frac{2}{6} - \frac{1}{8} =$

1 mark



**33**

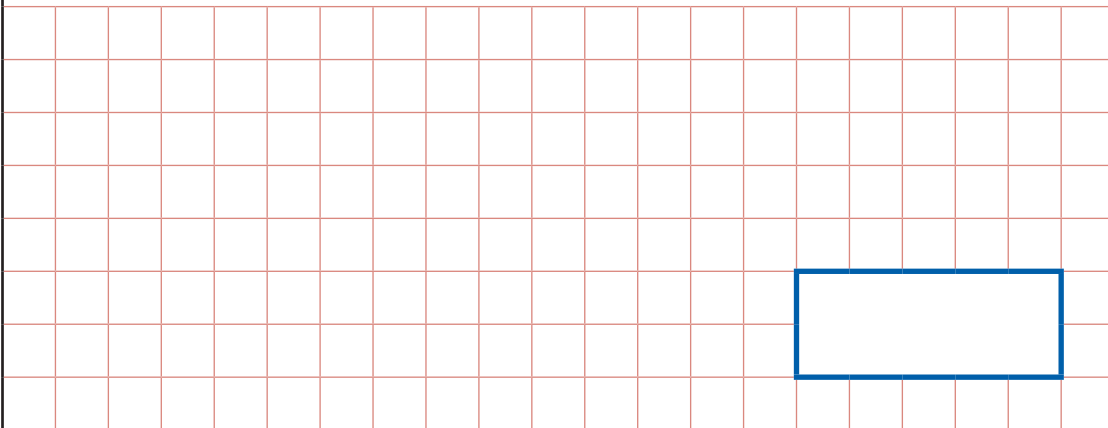
$$0.9 \times 200 =$$



1 mark

**34**

$$15\% \times 1,000 =$$



1 mark





**35**

$$1\frac{1}{2} \times 57 =$$

1 mark

**36**

5 9 | 2 2 4 2

Show  
your  
method

2 marks



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2017 key stage 2 mathematics

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