

2018 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 consisting of 10 columns and 4 rows of small squares. A larger blue rectangular box is drawn in the center, spanning 6 columns and 2 rows.

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 number of marks available 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**.



**1**

$$39 + 673 =$$

1 mark

**2**

$$\frac{9}{11} - \frac{4}{11} =$$

1 mark

**3**

$$2 \times 45 =$$

1 mark



4

$$838 \div 1 =$$

1 mark

5

$$99 \div 11 =$$

1 mark

6

$$5 \times 4 \times 10 =$$

1 mark



**7**

$$7,064 - 502 =$$

1 mark

**8**

$$6^2 + 10 =$$

1 mark

**9**

$$56.38 + 24.7 =$$

1 mark



10

$$\boxed{\phantom{0000}} - 10 = 298$$

1 mark

11

$$270 \div 3 =$$

1 mark

12

$$5,400 \div 9 =$$

1 mark



**13**

$$60 \div 15 =$$

1 mark

**14**

$$\boxed{\phantom{0000}} = 5,776 - 855$$

1 mark

**15**

$$3,050,020 = 3,000,000 + \boxed{\phantom{000000}} + 20$$

1 mark





**16**

$$10 - 5.4 =$$

1 mark

**17**

$$\frac{5}{7} + \frac{3}{21} =$$

1 mark

**18**

$$0.1 \div 100 =$$

1 mark



**19**

$\frac{3}{4}$  of 1,000 =

1 mark

**20**

$$\begin{array}{r} 785 \\ \times 23 \\ \hline \end{array}$$

Show  
your  
method

2 marks



**21** 20% of 1,200 =

1 mark

**22**

4 3 | 6 4 5

Show your method

2 marks



**23**

$0.5 \times 28 =$

1 mark

**24**

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

1 mark

**25**

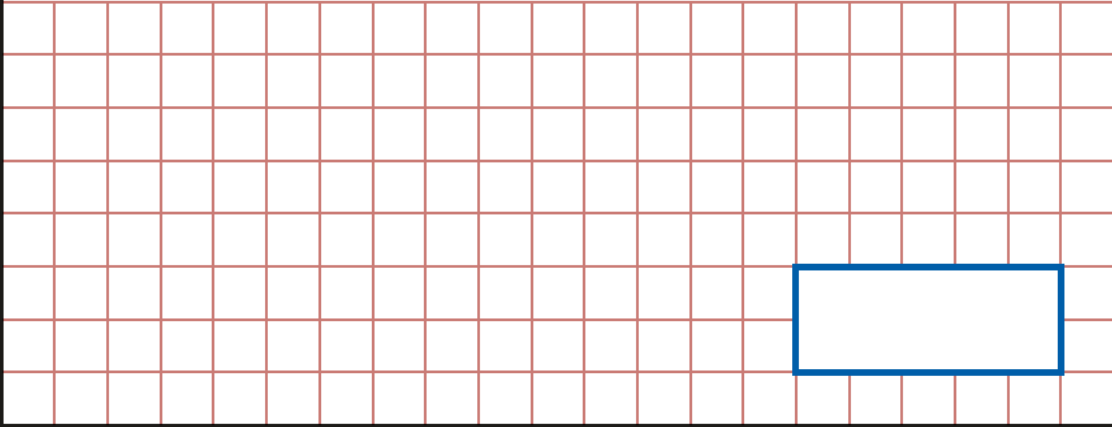
$1\frac{3}{4} + \frac{3}{4} =$

1 mark



**26**

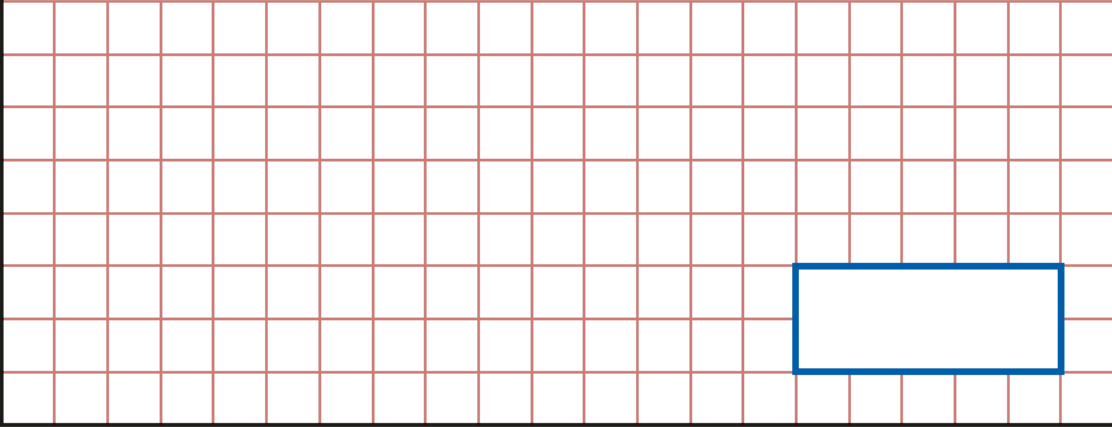
$$6 - 5.738 =$$



1 mark

**27**

$$3.9 \times 30 =$$



1 mark



**28**

$$1\frac{1}{15} - \frac{2}{5} =$$

1 mark

**29**

$$\begin{array}{r} \phantom{x} \phantom{0000} 5413 \\ x \phantom{000} \phantom{00} 86 \\ \hline \end{array}$$

Show  
your  
method

2 marks



**30**

99% of 200 =

1 mark

**31**

$\frac{1}{4} \div 2 =$

1 mark

**32**

$9^2 - 36 \div 9 =$

1 mark



**33**

$$1\frac{1}{2} \times 40 =$$

1 mark

**34**

$$28\% \text{ of } 650 =$$

1 mark





**35**

$$4\frac{2}{3} - 1\frac{6}{7} =$$

1 mark

**36**

9 7 | 8 8 2 7

Show  
your  
method

2 marks



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2018 key stage 2 mathematics

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