

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						



F 0 0 0 6 0 A 0 1 2 0

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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.

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.

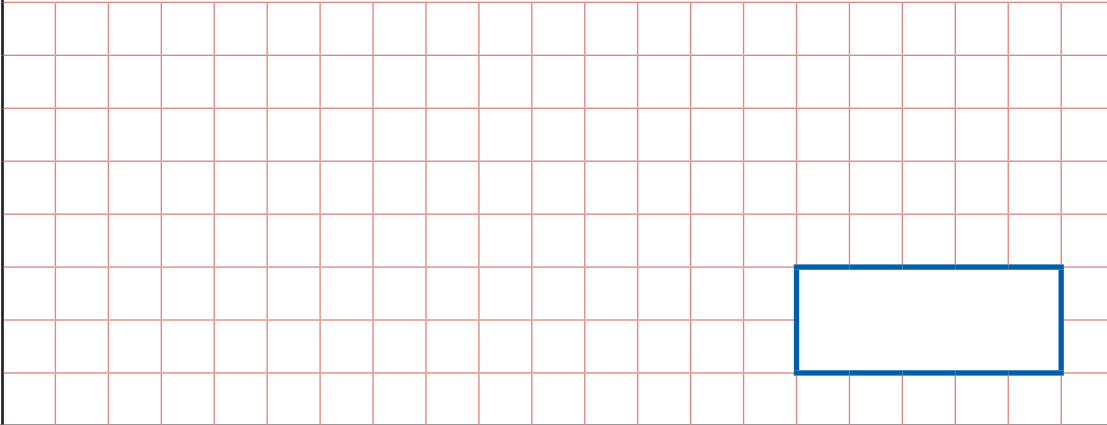
In this test, long division and long multiplication questions are worth **TWO marks each**. You will be awarded **TWO** marks for a correct answer. You may get **ONE** mark for showing a formal method.

All other questions are worth **ONE mark each**.



1

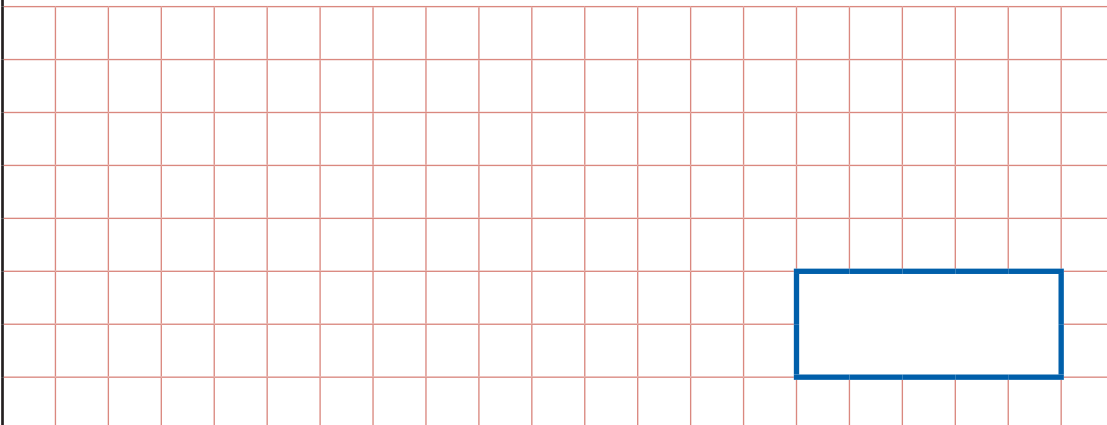
$$40 + 1,000 =$$



1 mark

2

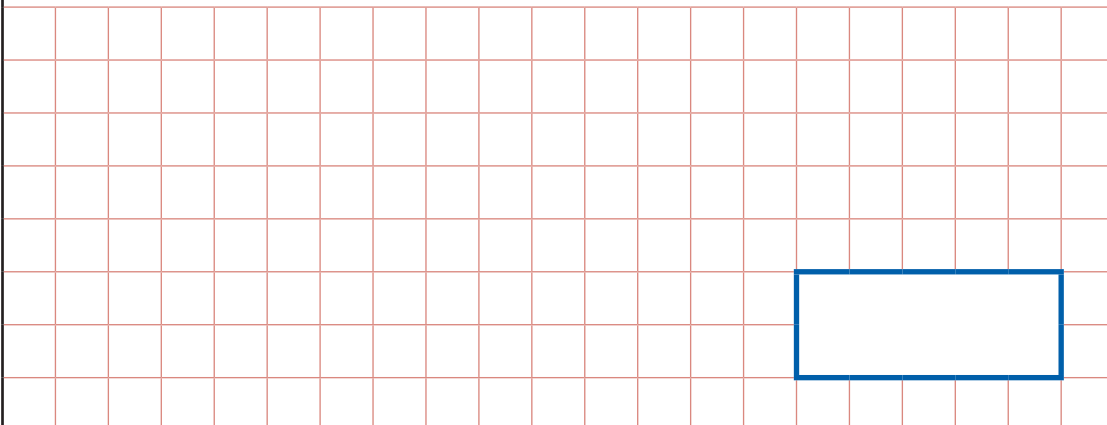
$$707 + 1,818 =$$



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



F 0 0 0 6 0 A 0 5 2 0

7

$$\boxed{} = 4,500 + 600$$

☐

1 mark

8

$$8 \times 33 =$$

☐

1 mark

9

$$72 \div 9 =$$

☐

1 mark



1 mark

1 mark

1 mark



13

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

☐

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



F 0 0 0 6 0 A 0 9 2 0

19	$2,345 \times 1,000 =$	<input style="width: 40px; height: 30px;" type="text"/> 1 mark
	<div style="position: absolute; bottom: 20px; right: 20px; border: 2px solid blue; width: 150px; height: 40px;"></div>	

20	$\begin{array}{r} 17 \overline{) 714} \end{array}$	<input style="width: 40px; height: 30px;" type="text"/> 2 marks
Show your method	<div style="position: absolute; bottom: 20px; right: 20px; border: 2px solid blue; width: 150px; height: 40px;"></div>	



21	$9 - 3.45 =$																				
																				<input type="text"/> 1 mark	

22	$ \begin{array}{r} 4781 \\ \times \quad 23 \\ \hline \end{array} $																				
Show your method																					
																				<input type="text"/> 2 marks	



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



--

1 mark

--

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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Standards
& Testing
Agency

2017 key stage 2 mathematics

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