

2019 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.

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

$$\boxed{} = 6,000 + 90$$

1 mark

2

$$\boxed{} = 8,275 + 82$$

1 mark

3

$$826 = 800 + \boxed{} + 6$$

1 mark



4	<div style="border: 2px solid blue; width: 150px; height: 30px; display: inline-block;"></div> + 5 = 341	<input style="width: 40px; height: 20px;" type="text"/> 1 mark

5	9 × 41 =	<input style="width: 100px; height: 30px;" type="text"/> 1 mark

6	5.87 + 3.123 =	<input style="width: 100px; height: 30px;" type="text"/> 1 mark



7

$180 \div 3 =$

1 mark

8

$120 \div 12 =$


1 mark


9


$213 \times 0 =$

1 mark



10	$91 \div 7 =$	<input type="text"/>	1 mark
			

11	<input type="text"/> = $87 - 65$	<input type="text"/>	1 mark
			

12	$602 -$ <input type="text"/> = 594	<input type="text"/>	1 mark
			



13

$$1,210 \div 11 =$$

A large grid for working out the answer to question 13. The grid is 20 columns wide and 10 rows high. A blue rectangular box is drawn on the right side of the grid, spanning 5 columns and 2 rows, intended for the final answer.

1 mark

14

$$25.34 \times 10 =$$

A large grid for working out the answer to question 14. The grid is 20 columns wide and 10 rows high. A blue rectangular box is drawn on the right side of the grid, spanning 5 columns and 2 rows, intended for the final answer.

1 mark

15

$$60 \div (30 - 24) =$$

A large grid for working out the answer to question 15. The grid is 20 columns wide and 10 rows high. A blue rectangular box is drawn on the right side of the grid, spanning 5 columns and 2 rows, intended for the final answer.

1 mark



16	$3^3 =$	<input type="text"/>	1 mark

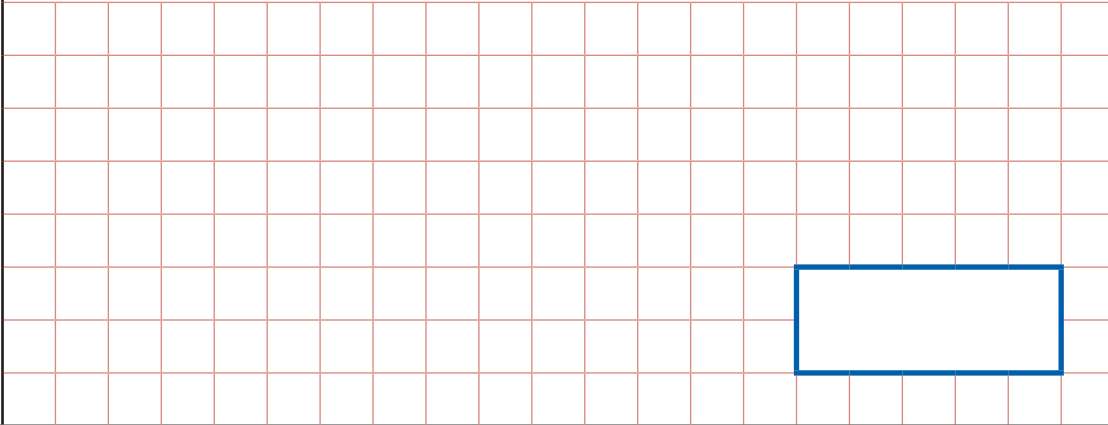
17	$101 \times 1,000 =$	<input type="text"/>	1 mark

18	$20\% \text{ of } 3,000 =$	<input type="text"/>	1 mark



19

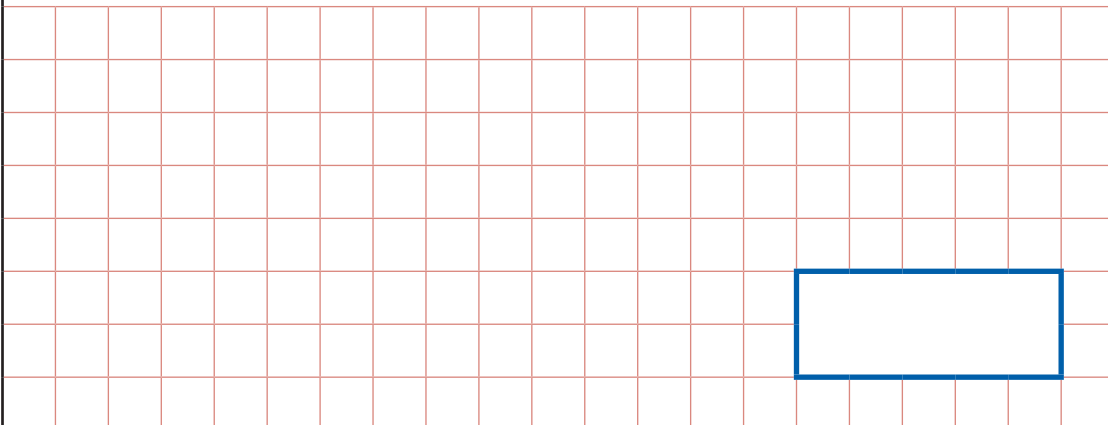
$7 - 2.25 =$



1 mark

20

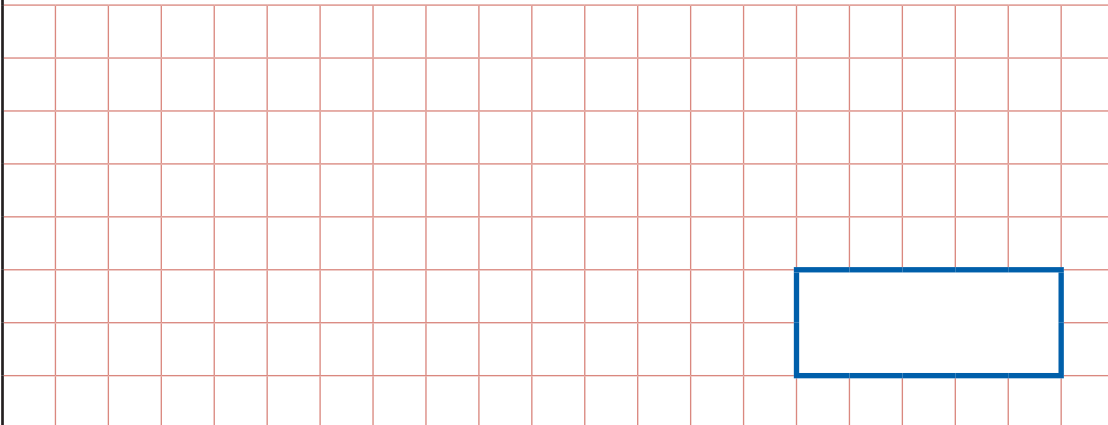
$0.9 \div 100 =$



1 mark

21

$9 - 1.9 =$



1 mark

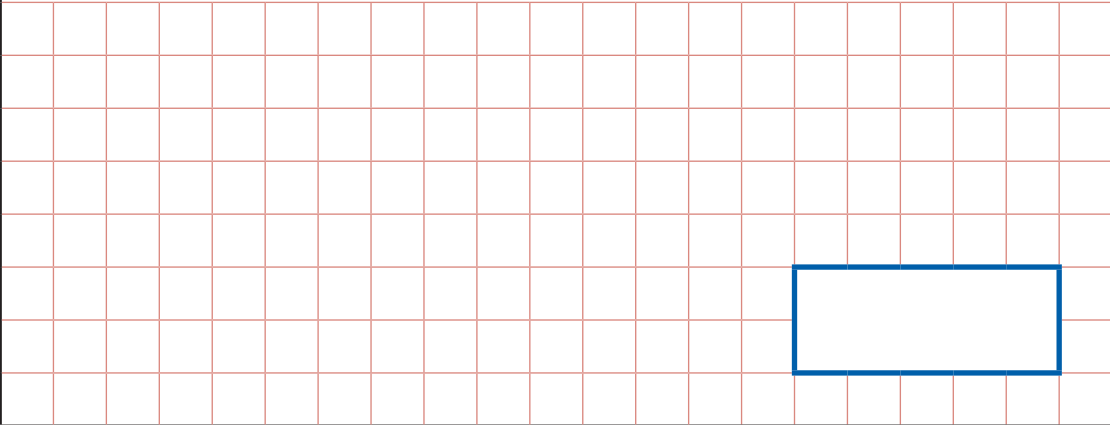


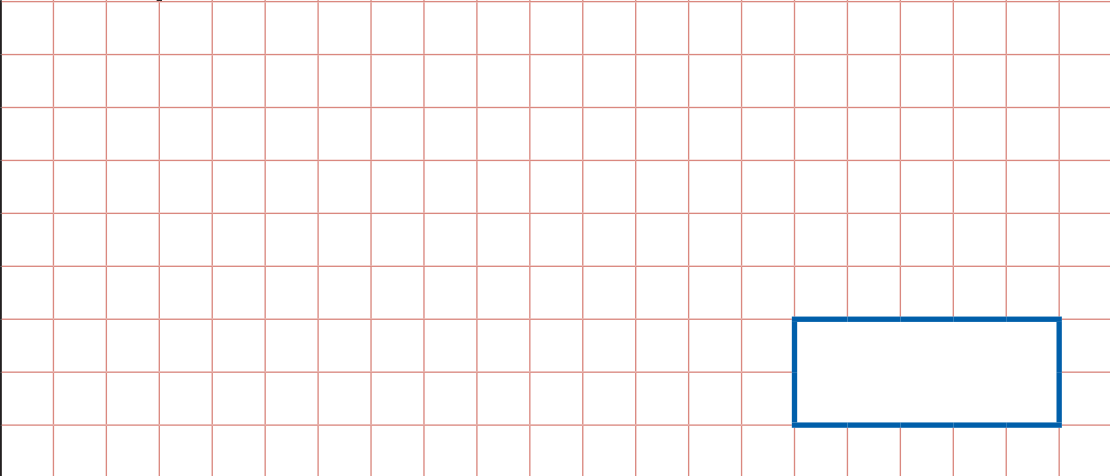
H 0 0 0 6 0 A 0 1 0 2 0

22	$1\frac{3}{7} - \frac{4}{7} =$ <div style="border: 1px solid red; height: 150px; width: 100%; margin-top: 10px;"></div> <div style="border: 2px solid blue; width: 150px; height: 40px; margin: 10px auto;"></div>	<input style="width: 40px; height: 30px; margin: 0 auto;" type="text"/> 1 mark
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23	$\begin{array}{r} 836 \\ \times 27 \\ \hline \end{array}$ <div style="border: 1px solid red; height: 150px; width: 100%; margin-top: 10px;"></div> <div style="border: 2px solid blue; width: 150px; height: 40px; margin: 10px auto;"></div>	<input style="width: 40px; height: 30px; margin: 0 auto;" type="text"/> 2 marks
Show your method		



24	$\frac{1}{5} + \frac{3}{4} =$	<input type="text"/>	<input type="checkbox"/> 1 mark
			

25	3 7 8 8 8	<input type="text"/>	<input type="checkbox"/> 2 marks
Show your method			



26

$$1\frac{1}{5} + 2\frac{1}{10} =$$

1 mark

27

$$35\% \text{ of } 320 =$$

1 mark

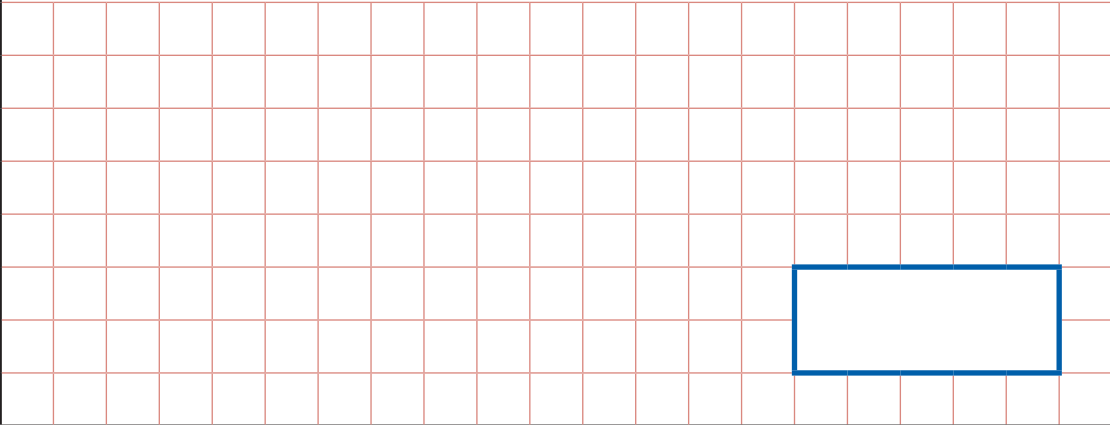
28

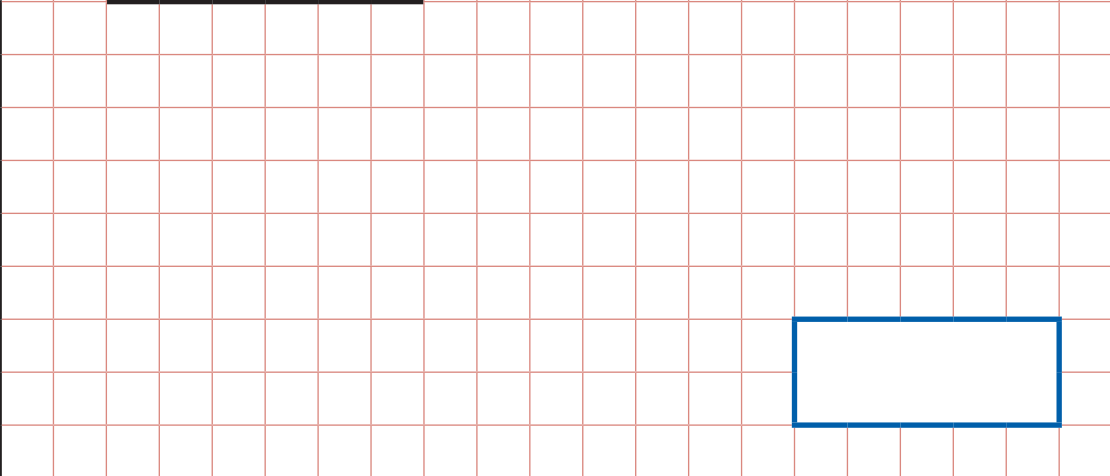
$$\frac{8}{9} - \frac{1}{4} =$$

1 mark



H 0 0 0 6 0 A 0 1 3 2 0

29	$51\% \text{ of } 900 =$	<input style="width: 40px; height: 30px;" type="text"/> 1 mark
		

30	$\begin{array}{r} 3468 \\ \times \quad 62 \\ \hline \end{array}$	<input style="width: 40px; height: 30px;" type="text"/> 2 marks
Show your method		



31

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

1 mark

32

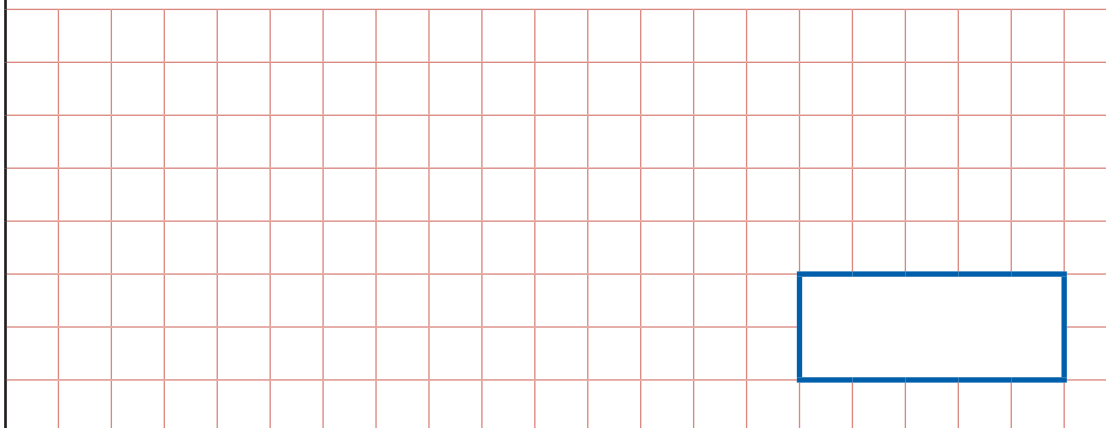
$$2\frac{1}{2} - \frac{3}{4} =$$

1 mark



33

36% of 450 =



1 mark

34 $1\frac{3}{4} \times 10 =$ 

1 mark



35	$\frac{5}{6} \times 540 =$	<input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> 1 mark														

36	8 3 8 0 5 1	<input style="width: 40px; height: 30px; border: 1px solid black;" type="text"/> 2 marks															
Show your method																	



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2019 key stage 2 mathematics

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