

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						



H 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 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

$+ 5 = 341$

1 mark

5

$9 \times 41 =$

1 mark

6

$5.87 + 3.123 =$

1 mark



H 0 0 0 6 0 A 0 5 2 0

7

$180 \div 3 =$

1 mark

8

$120 \div 12 =$

1 mark

9

$213 \times 0 =$

1 mark



10

$91 \div 7 =$

1 mark

11

$\boxed{} = 87 - 65$

1 mark

12

$602 - \boxed{} = 594$

1 mark



H 0 0 0 6 0 A 0 7 2 0

13

$$1,210 \div 11 =$$

☐

1 mark

14

$$25.34 \times 10 =$$

☐

1 mark

15

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

☐

1 mark



16	$3^3 =$ <div data-bbox="1050 568 1321 680" style="border: 1px solid blue; width: 170px; height: 50px; margin: 10px auto;"></div>	<div data-bbox="1406 568 1485 647" style="border: 1px solid black; width: 50px; height: 35px; margin: 10px auto;"></div> <p>1 mark</p>
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17	$101 \times 1,000 =$ <div data-bbox="1050 1200 1321 1312" style="border: 1px solid blue; width: 170px; height: 50px; margin: 10px auto;"></div>	<div data-bbox="1406 1200 1485 1279" style="border: 1px solid black; width: 50px; height: 35px; margin: 10px auto;"></div> <p>1 mark</p>
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18	$20\% \text{ of } 3,000 =$ <div data-bbox="1050 1834 1321 1946" style="border: 1px solid blue; width: 170px; height: 50px; margin: 10px auto;"></div>	<div data-bbox="1406 1834 1485 1912" style="border: 1px solid black; width: 50px; height: 35px; margin: 10px auto;"></div> <p>1 mark</p>
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19

$7 - 2.25 =$

☐

1 mark

20

$0.9 \div 100 =$

☐

1 mark

21

$9 - 1.9 =$

☐

1 mark



22	$1\frac{3}{7} - \frac{4}{7} =$ <div data-bbox="1050 568 1321 680" style="border: 1px solid blue; width: 170px; height: 50px; margin: 10px auto;"></div>	<div data-bbox="1406 568 1485 647" style="border: 1px solid black; width: 50px; height: 35px; margin: 10px auto;"></div> <p>1 mark</p>
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23	$\begin{array}{r} 836 \\ \times 27 \\ \hline \end{array}$ <div data-bbox="1050 1256 1321 1368" style="border: 1px solid blue; width: 170px; height: 50px; margin: 10px auto;"></div>	<div data-bbox="1406 1256 1485 1335" style="border: 1px solid black; width: 50px; height: 35px; margin: 10px auto;"></div> <p>2 marks</p>
<p>Show your method</p>		



24

$$\frac{1}{5} + \frac{3}{4} =$$

1 mark

25

$$37 \overline{) 888}$$

Show
your
method

2 marks



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	$51\% \text{ of } 900 =$ <div data-bbox="1002 568 1273 680" style="border: 1px solid blue; width: 170px; height: 50px; margin: 10px auto;"></div>	<div data-bbox="1353 568 1436 645" style="border: 1px solid black; width: 52px; height: 34px; margin: 10px auto;"></div> 1 mark
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30	$\begin{array}{r} 3468 \\ \times \quad 62 \\ \hline \end{array}$ <div data-bbox="1002 1256 1273 1368" style="border: 1px solid blue; width: 170px; height: 50px; margin: 10px auto;"></div>	<div data-bbox="1353 1256 1436 1332" style="border: 1px solid black; width: 52px; height: 34px; margin: 10px auto;"></div> 2 marks
Show your method		



31

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

☐

1 mark

32

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

☐

1 mark



H 0 0 0 6 0 A 0 1 5 2 0

33

36% of 450 =

☐

1 mark

34 $1\frac{3}{4} \times 10 =$ ☐

1 mark



35

$$\frac{5}{6} \times 540 =$$

1 mark

36

$$83 \overline{)8051}$$

Show
your
method

2 marks



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Standards
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Agency

2019 key stage 2 mathematics

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