

2024 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

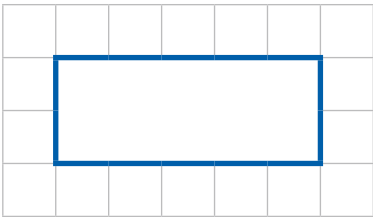
You **must not** use a calculator to answer any questions in this test.

### 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 answer as a common fraction, a mixed number or a whole number as appropriate.

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**

$689 + 38 =$

1 mark

**2**

$72 \div 3 =$

1 mark

**3**

$23 \times 6 =$

1 mark



**4**

$$4,532 - 19 =$$

1 mark

**5**

$$3 \times 391 =$$

1 mark

**6**

$$\boxed{\phantom{0000}} = 9,171 - 530$$

1 mark



7

$$6,600 \div 6 =$$

1 mark

8

$$99 \times 10 \times 1 =$$

1 mark

9

$$7.68 + 13.493 =$$

1 mark



**10**

$$9 \times 752 =$$

1 mark

**11**

$$640 \div 8 =$$

1 mark

**12**

$$\boxed{\phantom{000}} = 357 - 89$$

1 mark



**13**

$$561 \div 3 =$$

1 mark

**14**

$$\frac{4}{6} \times \frac{1}{8} =$$

1 mark

**15**

$$\boxed{\phantom{000}} = 630 \div 7$$

1 mark





16

$$6,020,070 = 6,000,000 + \boxed{\phantom{000}} + 70$$

1 mark

17

$$2,671 \times 1,000 =$$

1 mark

18

$$\frac{5}{12} + \frac{1}{3} =$$

1 mark





21

$$2 + 3^3 =$$

1 mark

22

$$15.5 \div 100 =$$

1 mark

23

$$90 - 56 \div 8 =$$

1 mark



<b>24</b>	$63 - 5.8 =$	
<div style="border: 1px solid #ccc; width: 100%; height: 100%; background-image: linear-gradient(90deg, #ccc 1px, transparent 1px), linear-gradient(0deg, #ccc 1px, transparent 1px); background-size: 20px 20px;"></div>		<div style="border: 2px solid blue; width: 100px; height: 30px; margin: 0 auto;"></div>
		<input style="width: 30px; height: 30px; border: 1px solid black;" type="checkbox"/>
		1 mark

<b>25</b>	$\begin{array}{r} 418 \\ \times 47 \\ \hline \end{array}$	
<b>Show your method</b>	<div style="border: 1px solid #ccc; width: 100%; height: 100%; background-image: linear-gradient(90deg, #ccc 1px, transparent 1px), linear-gradient(0deg, #ccc 1px, transparent 1px); background-size: 20px 20px;"></div>	<div style="border: 2px solid blue; width: 100px; height: 30px; margin: 0 auto;"></div>
		<input style="width: 30px; height: 30px; border: 1px solid black;" type="checkbox"/>
		2 marks

**26**

$$\frac{6}{7} - \frac{11}{21} =$$

1 mark

**27**

$$\frac{7}{10} \div 2 =$$

1 mark

**28**

$$2\frac{3}{8} - \frac{5}{8} =$$

1 mark



**29**

$0.7 \times 26 =$

1 mark

**30**

3 4 | 9 8 6

Show  
your  
method

2 marks









**[END OF TEST]**

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Standards  
& Testing  
Agency

2024 key stage 2 mathematics

Paper 1: arithmetic

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