

2022 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

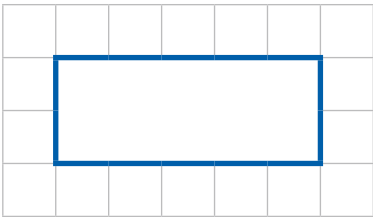
You **must not** use a calculator to answer any questions in this test.

### 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

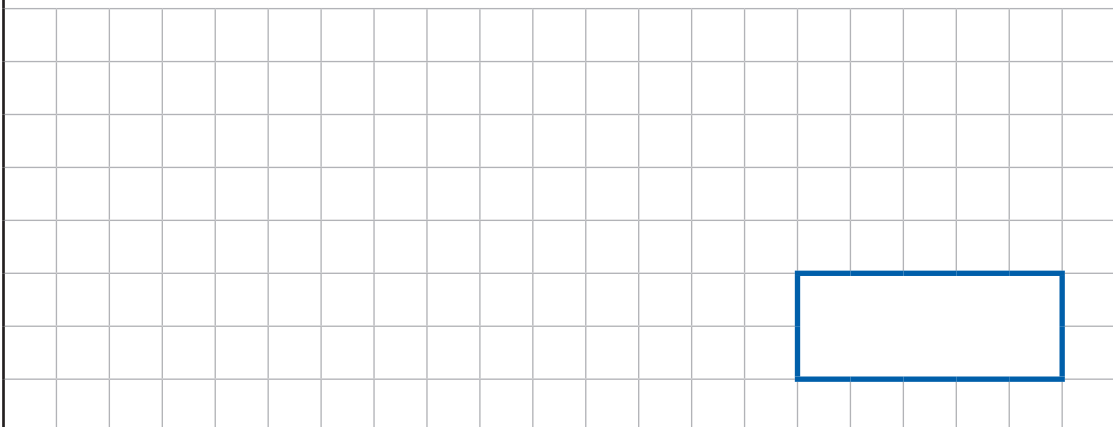
$$6,155 + 501 + 649 =$$



1 mark

2

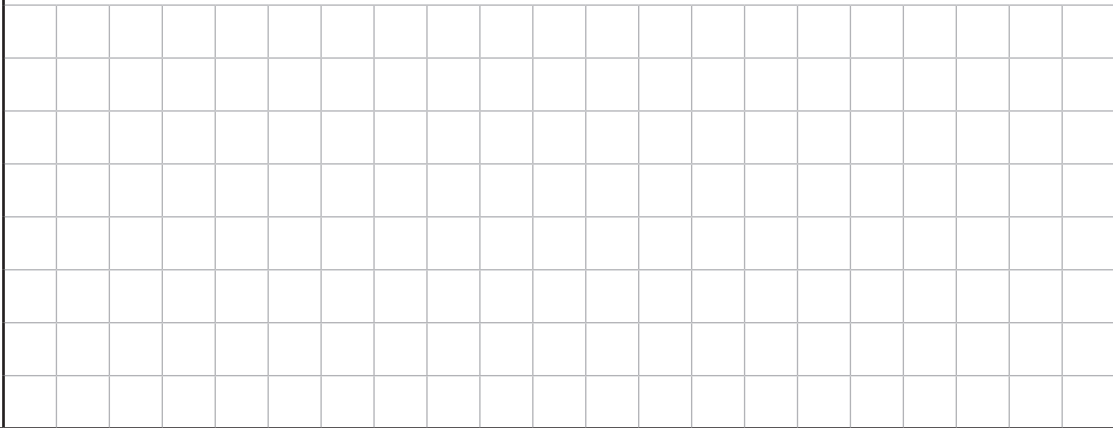
$$0 \times 989 =$$



1 mark

3

$$10 + \boxed{\phantom{000}} = 302$$



1 mark



4

$$2,400 \div 2 =$$

A large grid for working out the division problem. The grid is 20 columns wide and 10 rows high. A blue rectangular box is drawn on the right side of the grid, spanning 4 columns and 2 rows, intended for the final answer.

1 mark

5

$$\boxed{\phantom{000}} + 70 = 485$$

A large grid for working out the addition problem. The grid is 20 columns wide and 10 rows high. A blue rectangular box is drawn on the left side of the grid, spanning 4 columns and 2 rows, intended for the missing number in the equation.

1 mark

6

$$6.48 + 8.6 =$$

A large grid for working out the addition problem. The grid is 20 columns wide and 10 rows high. A blue rectangular box is drawn on the right side of the grid, spanning 4 columns and 2 rows, intended for the final answer.

1 mark



7

$$\boxed{\phantom{000}} = 240 \div 8$$

1 mark

8

$$840 \div 5 =$$

1 mark

9

$$7,306 - 1,847 =$$

1 mark



**10**

$$1,010 \times 10 =$$

1 mark

**11**

$$560 \div 7 =$$

1 mark

**12**

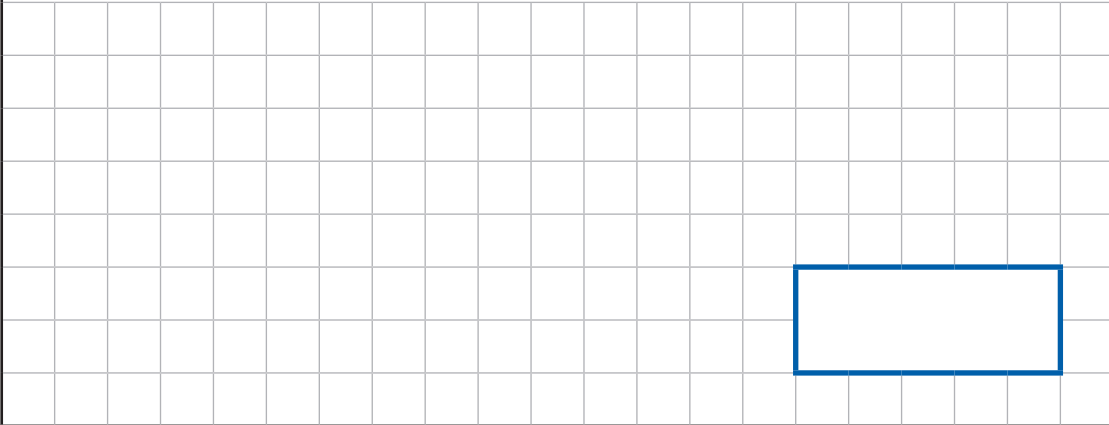
$$6 \times 10 \times 11 =$$

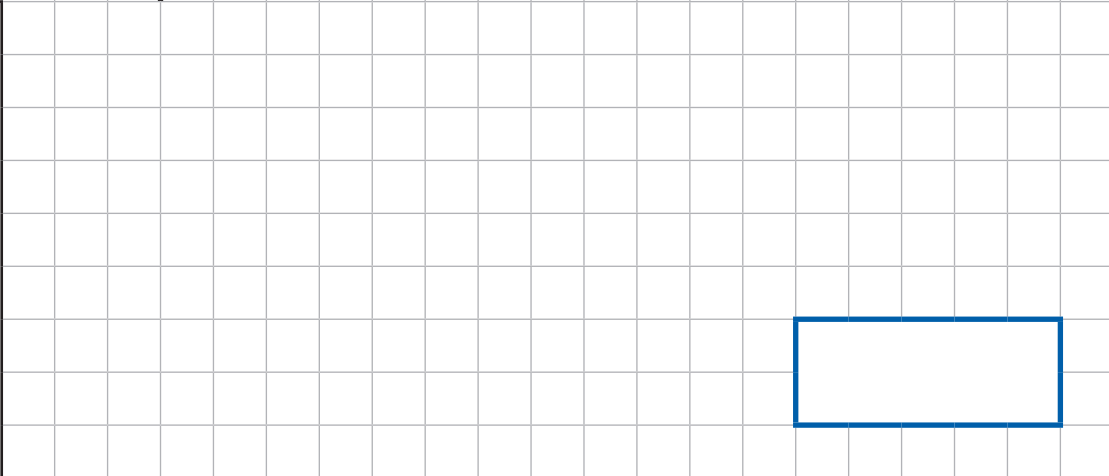
1 mark







<b>16</b>	$2.12 \div 10 =$	<input type="text"/>	<input type="checkbox"/> 1 mark
			

<b>17</b>	$21 \overline{) 672}$	<input type="text"/>	<input type="checkbox"/> 2 marks
	<p>Show your method</p> 		





**20**

$$13.05 \times 1,000 =$$

1 mark

**21**

$$\frac{2}{3} + 2\frac{1}{3} =$$

1 mark

**22**

$$\frac{7}{10} \text{ of } 30 =$$

1 mark



**23**

$$8 - 5.123 =$$

1 mark

**24**

$$\frac{1}{8} \div 2 =$$

1 mark

**25**

$$\frac{1}{2} + \frac{1}{3} =$$

1 mark

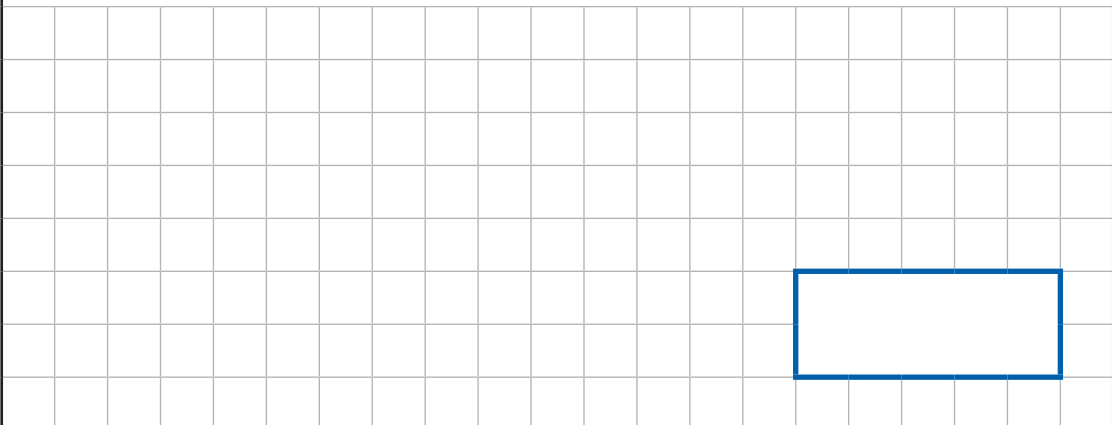


**26**

$$26 - 2.012 =$$

**1 mark****27**

$$15\% \text{ of } 3,200 =$$

**1 mark**









**34**

$$10 - 2\frac{1}{4} =$$

1 mark

**35**

$$6 + 4 \div 2 =$$

1 mark

**36**

$$\frac{4}{5} \times 400 =$$

1 mark



K 0 0 0 6 0 A 0 1 7 2 0

**[END OF TEST]**

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Standards  
& Testing  
Agency

2022 key stage 2 mathematics

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