

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

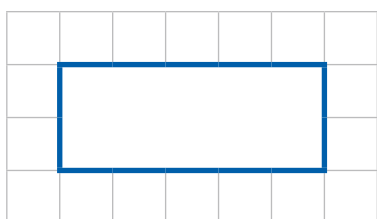
You **must not** use a calculator to answer any questions in this test.

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

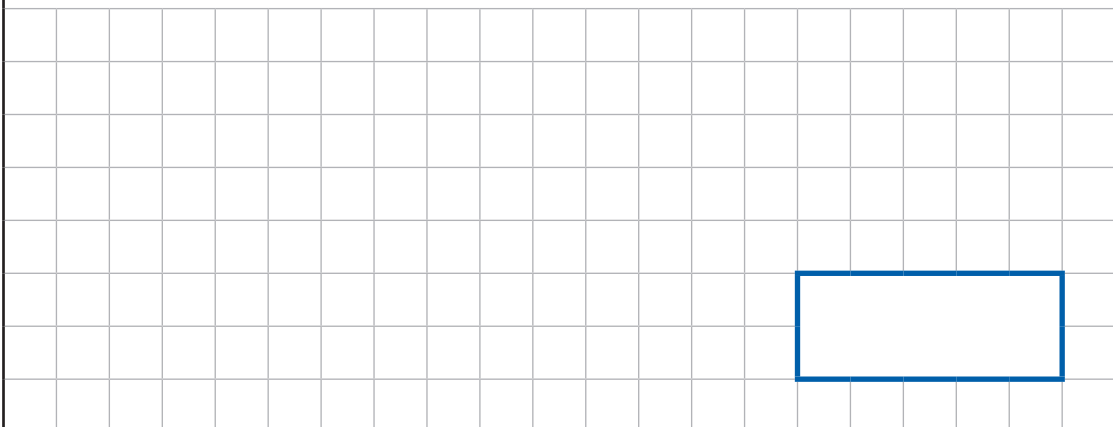
$$6,155 + 501 + 649 =$$



1 mark

2

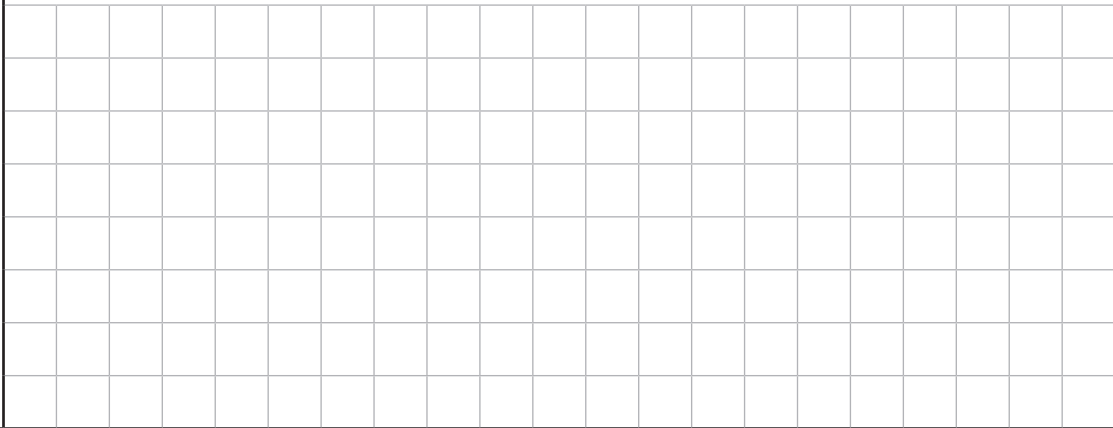
$$0 \times 989 =$$



1 mark

3

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



1 mark



4

$$2,400 \div 2 =$$

1 mark

5

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

1 mark

6

$$6.48 + 8.6 =$$

1 mark



7

= $240 \div 8$

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

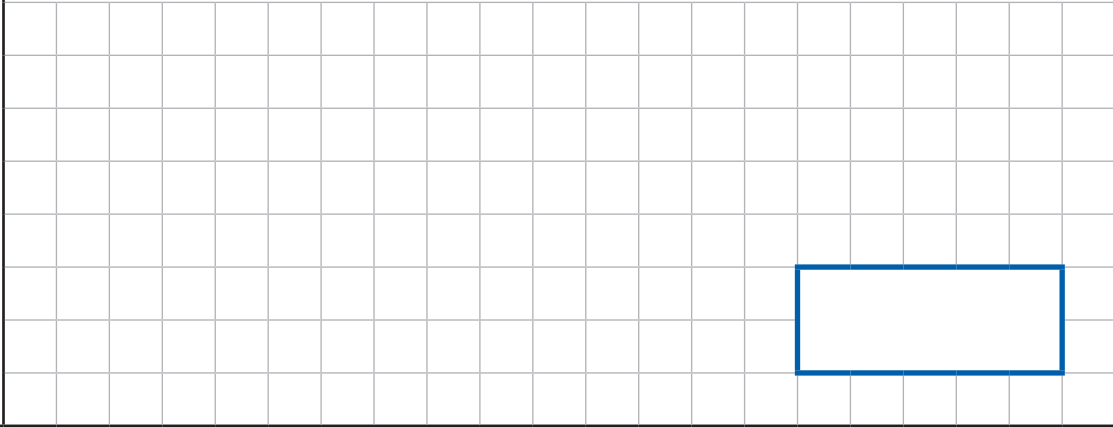
$$6 \times 10 \times 11 =$$

1 mark



13

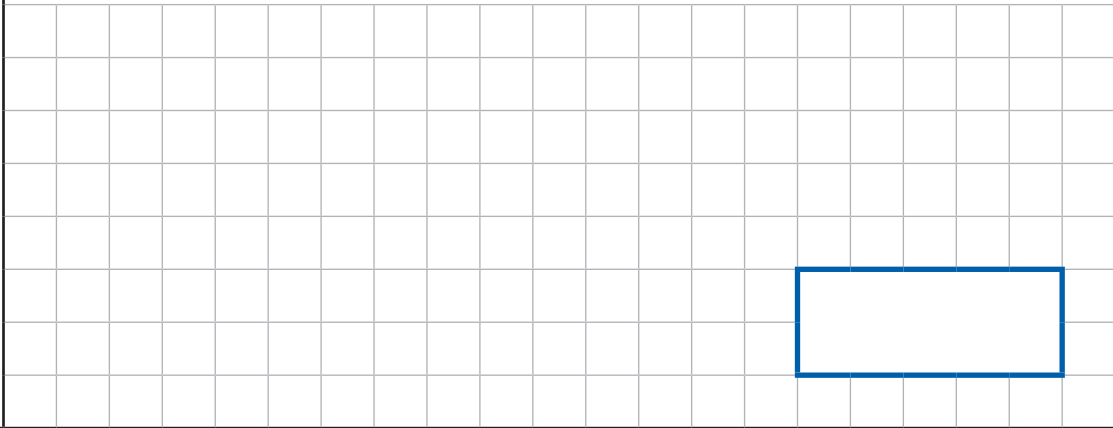
$$1,080 \div 9 =$$



1 mark

14

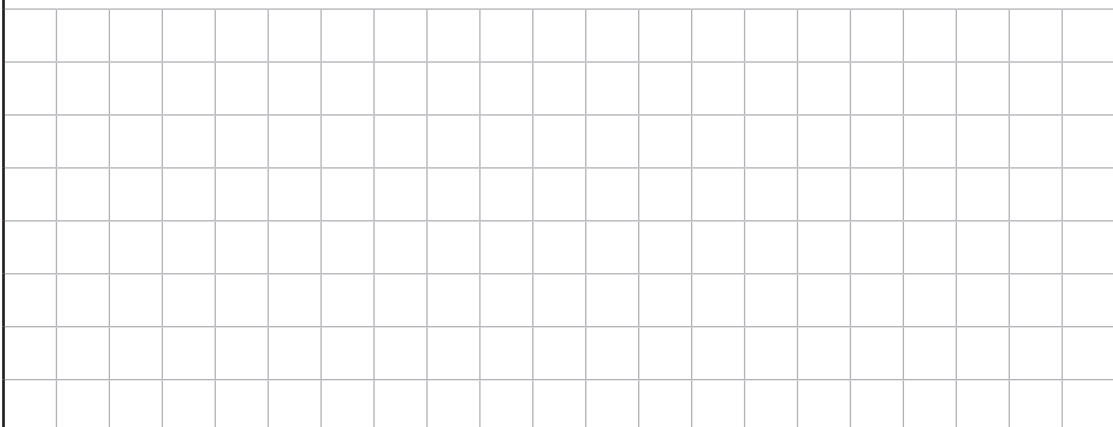
$$500,000 - 5,000 =$$



1 mark

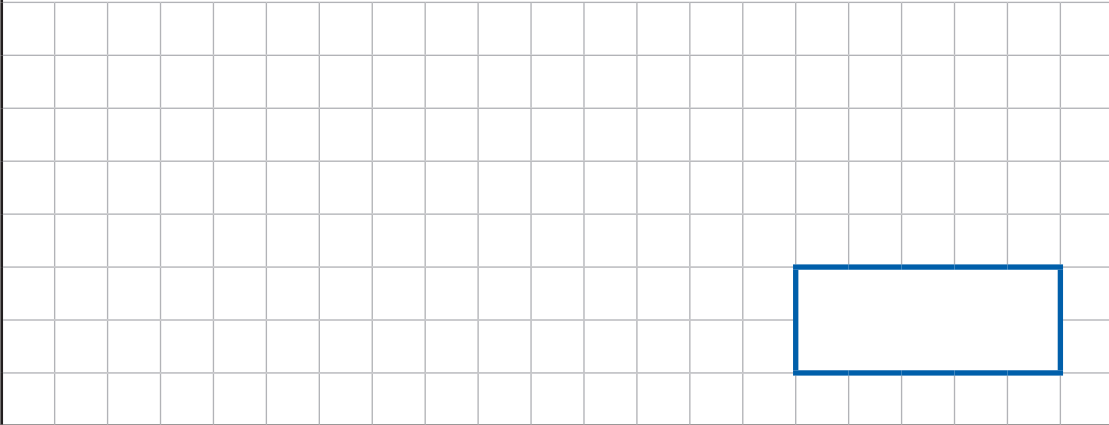
15

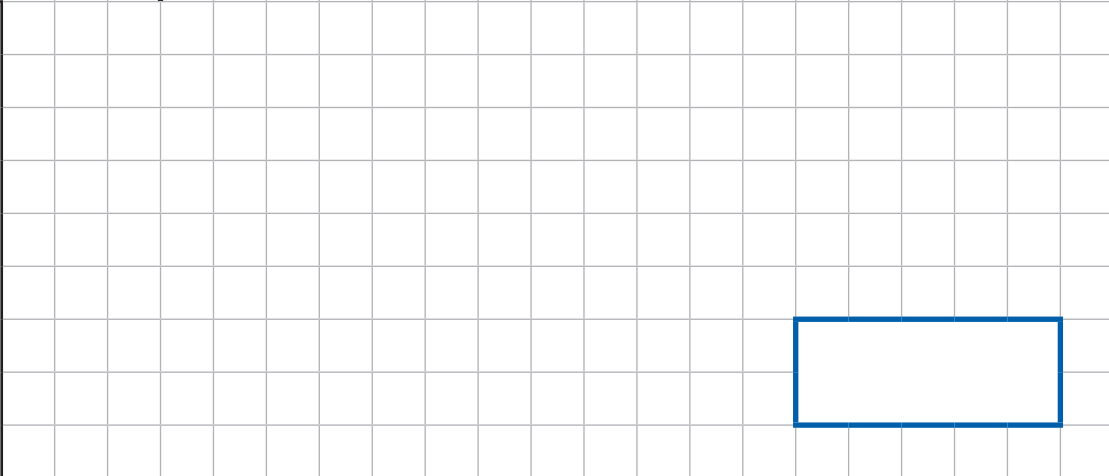
$$\boxed{} = 596 \times 7$$



1 mark



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

17	21672	<input type="text"/>	<input type="checkbox"/> 2 marks
Show your method			



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

28

2% of 3,000 =

A large grid of graph paper provided for the student to show their work for question 28. The grid is approximately 18 units wide and 15 units high.

A rectangular box with a blue border, intended for the student to write the final answer to question 28.

1 mark

29

7 3 | 3 0 6 6

Show
your
method

A large grid of graph paper provided for the student to show their method for question 29. The grid is approximately 18 units wide and 15 units high.

A rectangular box with a blue border, intended for the student to write the final answer to question 29.

2 marks



30

$$80\% \text{ of } 115 =$$

1 mark

31

$$\frac{2}{7} - \frac{1}{9} =$$

1 mark



32

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

1 mark

33

$$\begin{array}{r} 4078 \\ \times \quad 67 \\ \hline \end{array}$$

Show
your
method

2 marks



34

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

1 mark

35

$$6 + 4 \div 2 =$$

1 mark

36

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

1 mark



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2022 key stage 2 mathematics

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