

National curriculum tests

Key stage 2

Mathematics

Paper 1: arithmetic

First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
School name						

Test Set 1

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You **may 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.

For questions expressed as **common fractions**, you should give your answers as **common fractions**.

All other answers should be given as either whole or decimal numbers.

If you cannot do one of the questions, **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 maximum number of marks 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.

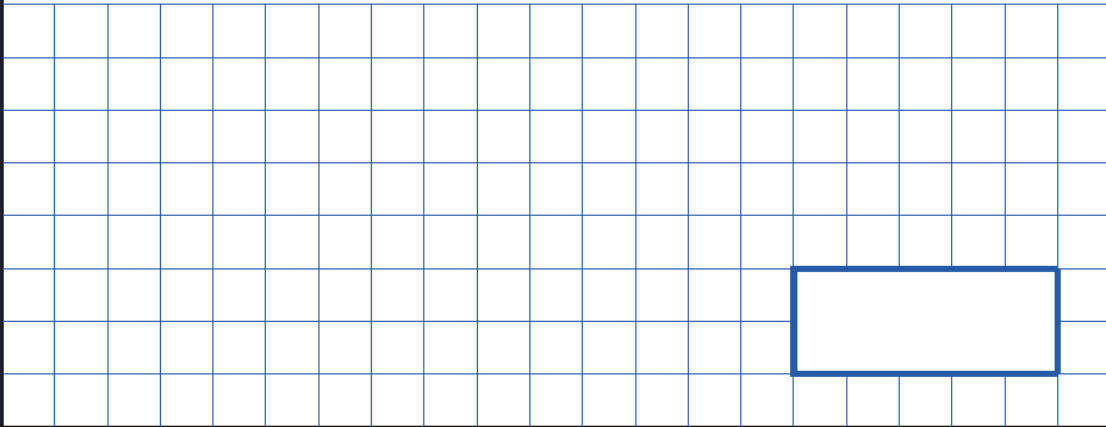
You may get 1 mark for showing a formal method.

All other questions are worth **1 mark each**.

If you finish before the end, go back and check your work.

1

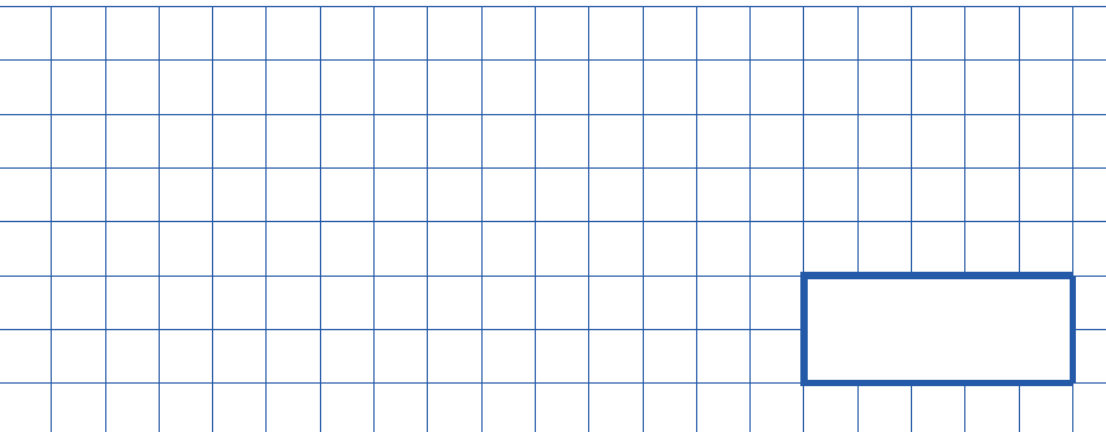
$$858 + 100 =$$



1 mark

2

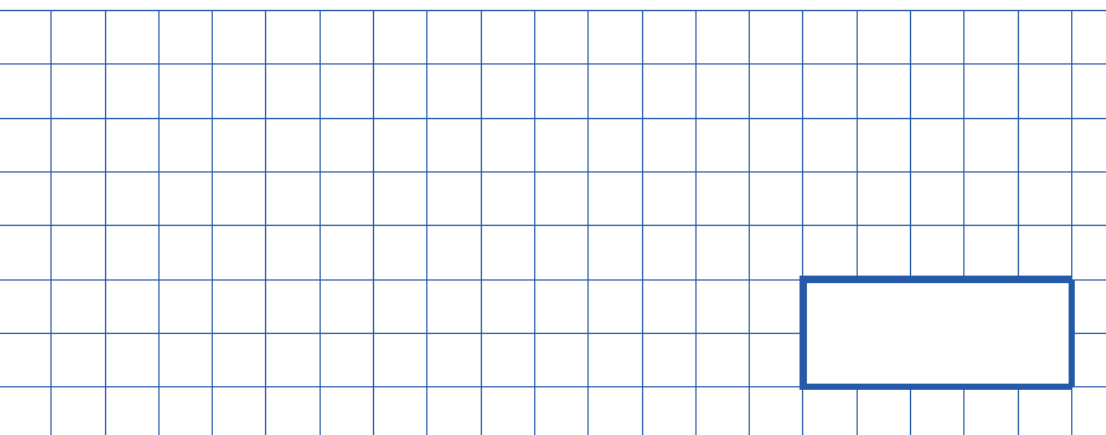
$$246 \times 4 =$$



1 mark

3

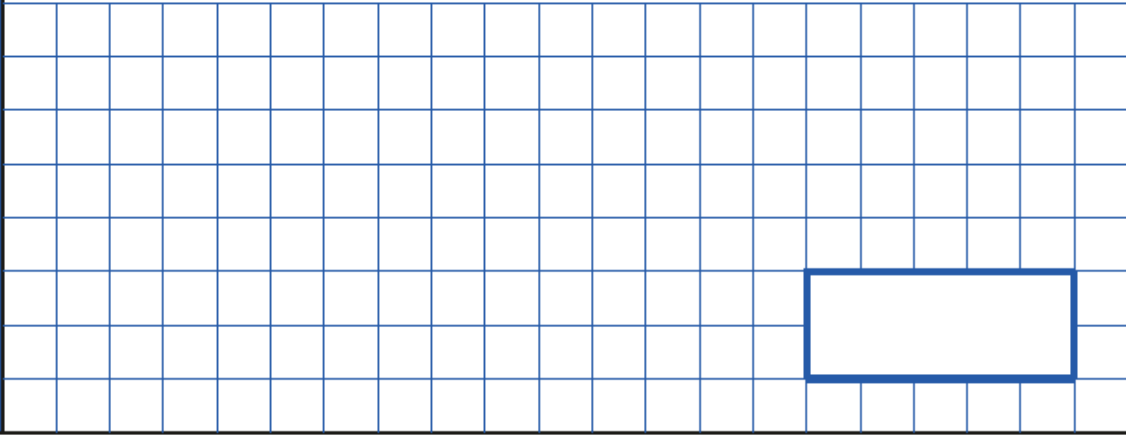
$$3.4 + 1.2 =$$



1 mark

4

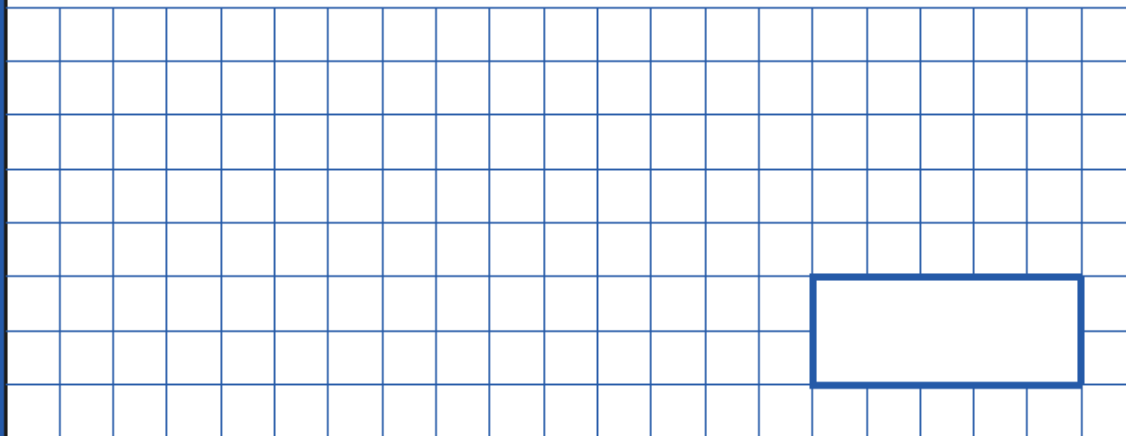
$21 \times 4 =$



1 mark

5

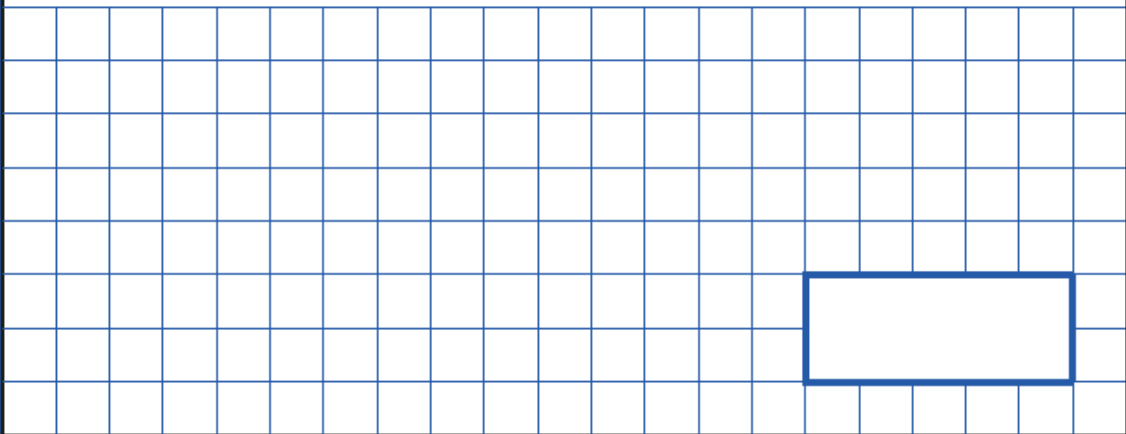
$1,247 + 384 =$



1 mark

6

$56 \div 8 =$



1 mark

7

$$326 - 7 =$$

1 mark

8

$$1.3 + 0.08 =$$

1 mark

9

$$3 \times 4 \times 5 =$$

1 mark

10

$$\frac{5}{9} - \frac{2}{9} =$$

1 mark

11

$$720 \div 8 =$$

1 mark

12

$$3.26 \times 100 =$$

1 mark

13

$$5^2 =$$

A grid of 20 columns and 10 rows. A rectangular box is drawn in the bottom right corner, spanning 6 columns and 2 rows.

1 mark

14

$$25,000 - 250 =$$

A grid of 20 columns and 10 rows. A rectangular box is drawn in the bottom right corner, spanning 6 columns and 2 rows.

1 mark

15

$$10 \times 100 =$$

A grid of 20 columns and 10 rows. A rectangular box is drawn in the bottom right corner, spanning 6 columns and 2 rows.

1 mark

16

$$1320 \div 11 =$$

A large grid for working out the division problem. The grid is 20 columns wide and 10 rows high. A rectangular box is drawn in the bottom right corner of the grid, spanning 6 columns and 2 rows, intended for the final answer.

1 mark

17

$$25\% \text{ of } \pounds 2000 =$$

A large grid for working out the percentage problem. The grid is 20 columns wide and 10 rows high. A rectangular box is drawn in the bottom right corner of the grid, spanning 6 columns and 2 rows, intended for the final answer.

1 mark

18

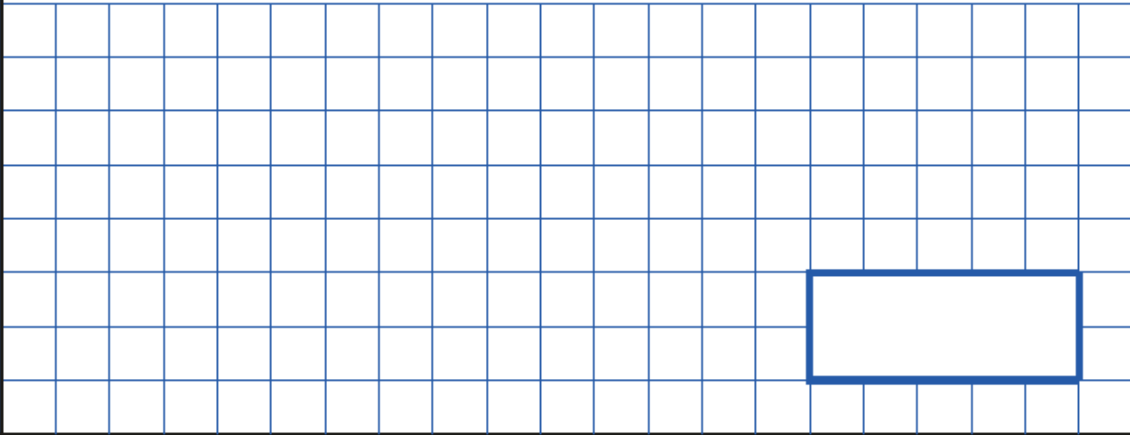
$$1.89 \times 7 =$$

A large grid for working out the multiplication problem. The grid is 20 columns wide and 10 rows high. A rectangular box is drawn in the bottom right corner of the grid, spanning 6 columns and 2 rows, intended for the final answer.

1 mark

19

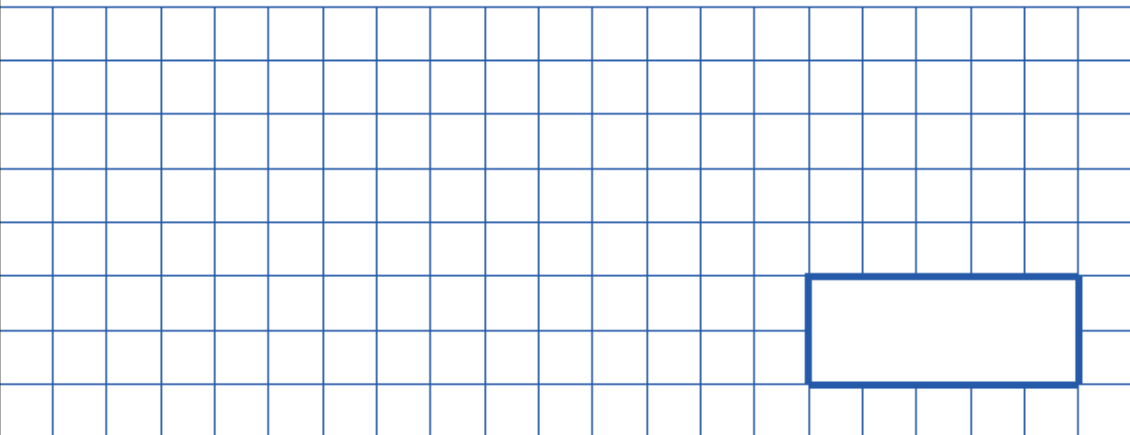
$$\frac{2}{7} + \frac{4}{7} =$$



1 mark

20

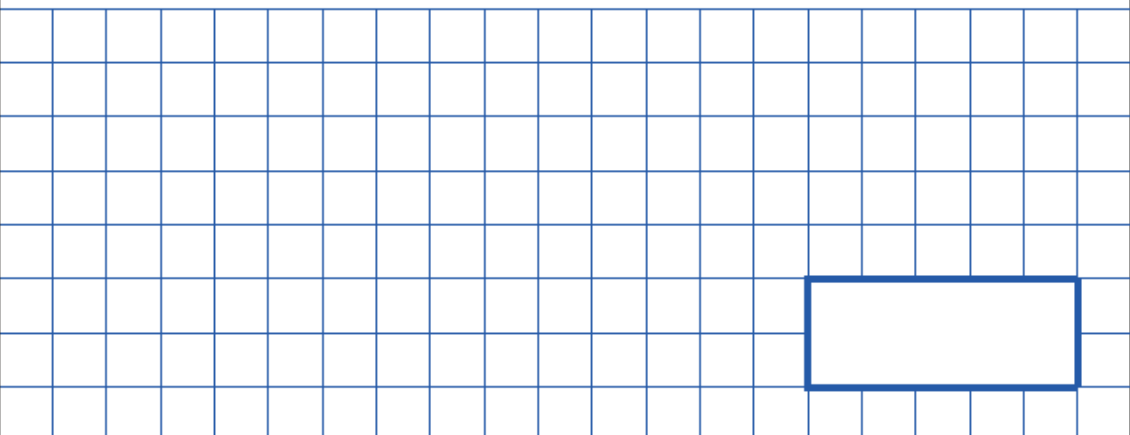
$$5,673 + 6,736 =$$



1 mark

21

$$1,825 \div 6 =$$



1 mark

24

$$17.3 - 9.64 =$$

1 mark

25

$$16 \overline{) 3888}$$

Show
your
method

2 marks

26

$$\frac{1}{3} \times \frac{2}{5} =$$

1 mark

27

$$95\% \text{ of } 360 =$$

1 mark

28

$$285,361 - 89,789 =$$

1 mark

29

$$\begin{array}{r} 678 \\ \times 54 \\ \hline \end{array}$$

Show
your
method

2 marks

30

$$12 \times 1\frac{3}{4} =$$

1 mark

31

$$25 - 4 \times 5 =$$

1 mark

32

$$\frac{3}{7} \div 2 =$$

1 mark

33

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

1 mark

34

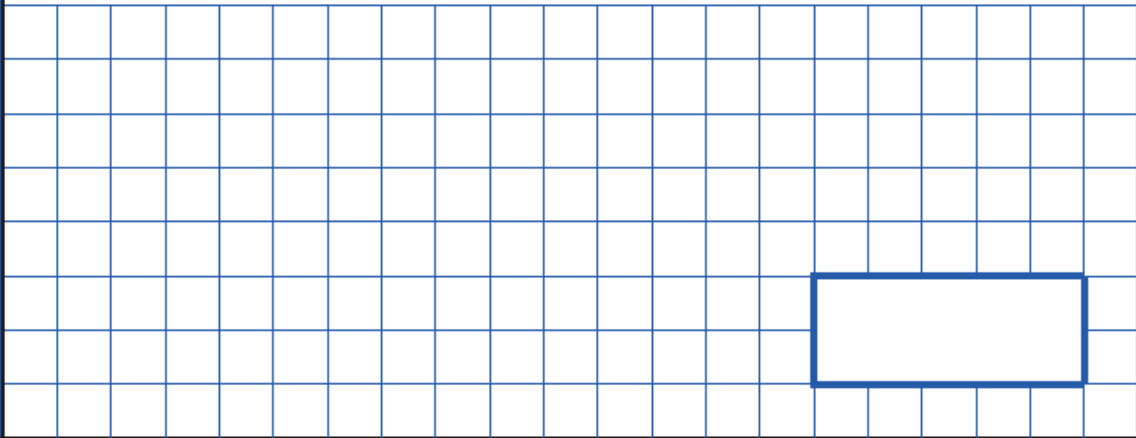
$$34 \overline{) 2312}$$

Show
your
method

2 marks

35

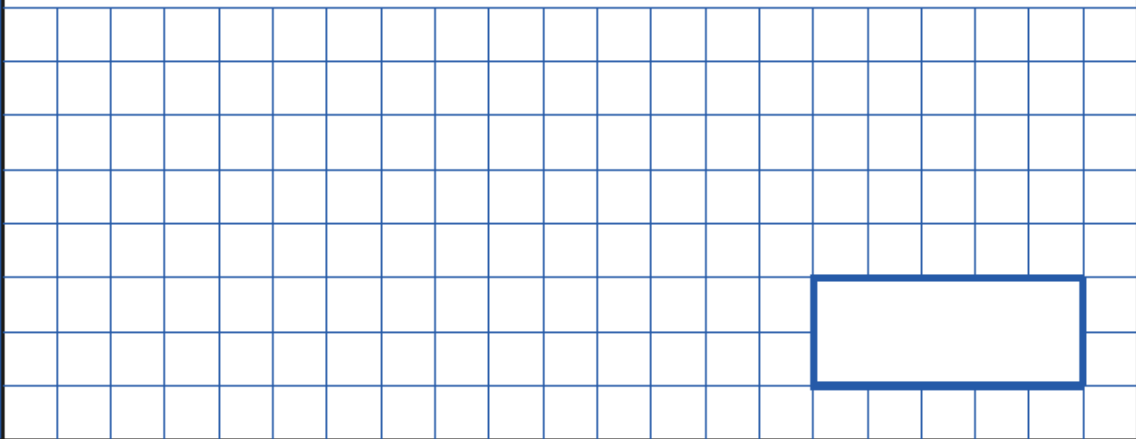
$$\frac{5}{6} + \frac{3}{4} =$$



1 mark

36

$$\frac{5}{8} \div 2 =$$



1 mark