

National Curriculum Baseline Test

Key Stage 2

Mathematics

Paper 1: arithmetic

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

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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.

A grid consisting of 10 columns and 4 rows of small squares. A larger blue rectangular box is drawn in the center, spanning 6 columns and 2 rows. The grid lines are red, and the box outline is blue.

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 maximum number of marks for each question.

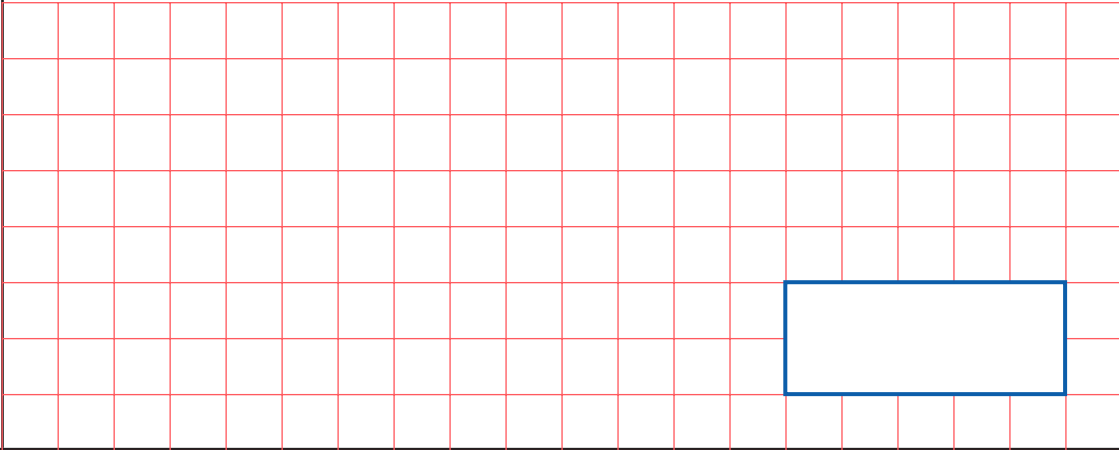
In this test, long division and long multiplication questions are worth **TWO marks each**. You will be awarded **TWO** marks for a correct answer.

You may get **ONE** mark for showing a formal method.

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

1

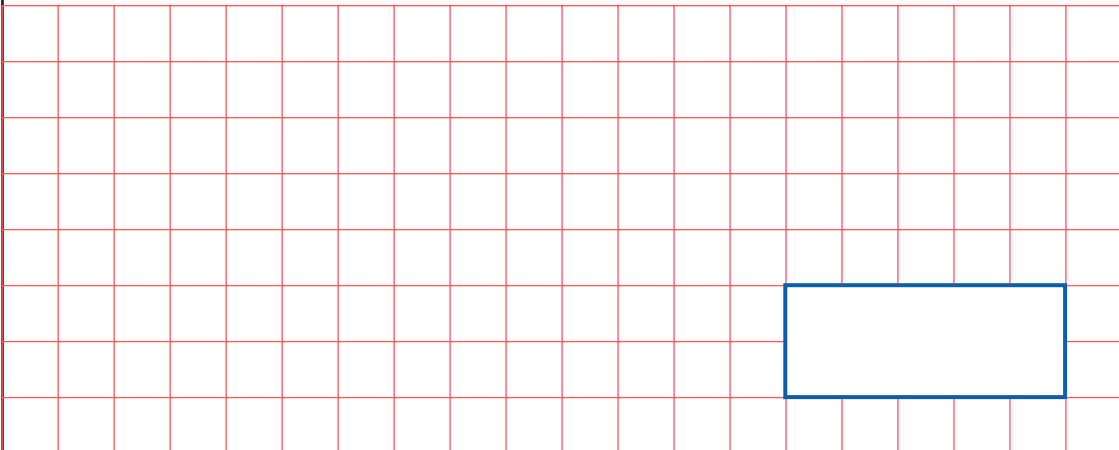
$$345 + 100 =$$



1 mark

2

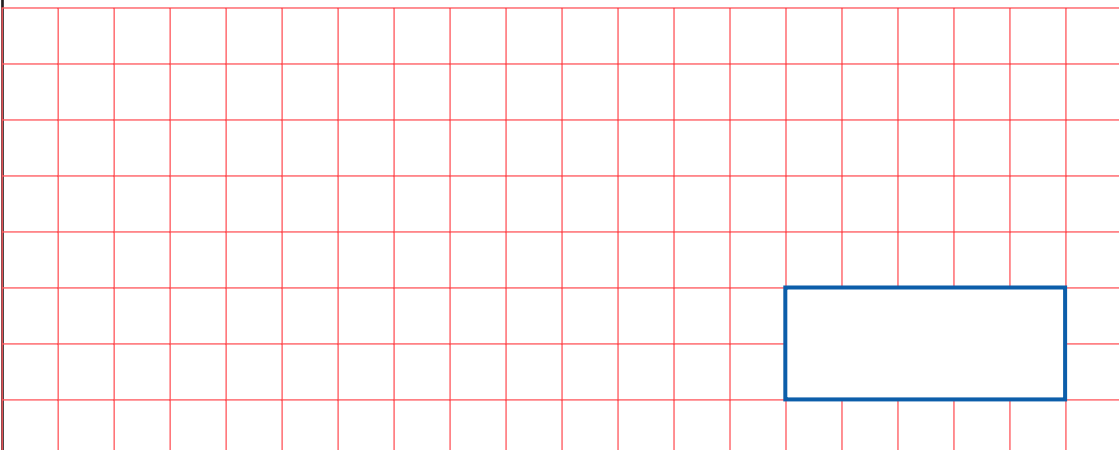
$$589 + 1,734 =$$



1 mark

3

$$\frac{3}{8} + \frac{7}{8} =$$



1 mark

4

$$419 \div 1 =$$

1 mark

5

$$827 - 41 =$$

1 mark

6

$$3.4 + 4.023 =$$

1 mark

7

$$= 8,300 + 900$$

1 mark

8

$$4 \times 77 =$$

1 mark

9

$$56 \div 8 =$$

1 mark

10

$263 \times 3 =$

1 mark

11

$7,961 - 438 =$

1 mark

12

$\frac{74}{100} - \frac{26}{100} =$

1 mark

13

$$- 200 = 3,389$$

1 mark

14

$$40 + (49 \div 7) =$$

1 mark

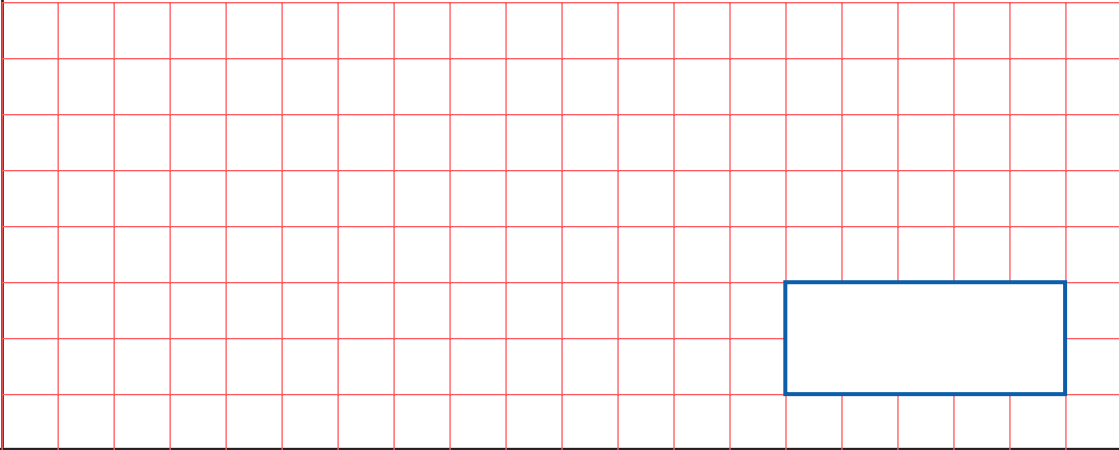
15

$$\frac{2}{3} \times \frac{3}{8} =$$

1 mark

16

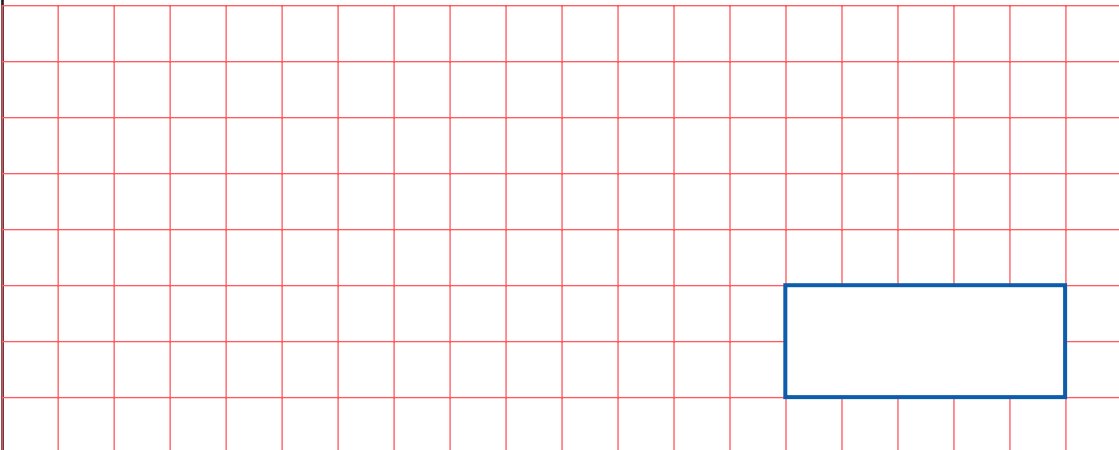
$$60 \times 80 =$$



1 mark

17

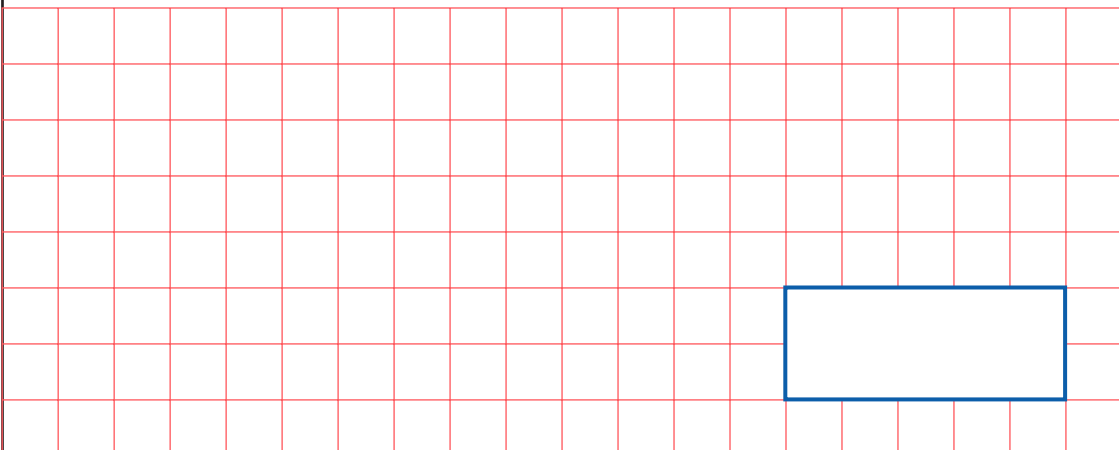
$$536 \div 8 =$$



1 mark

18

$$0.09 \div 10 =$$



1 mark

19

$$7,184 \times 1,000 =$$

1 mark

20

$$13 \overline{) 312}$$

Show
your
method

2 marks

23

$$\frac{3}{5} - \frac{4}{10} =$$

1 mark

24

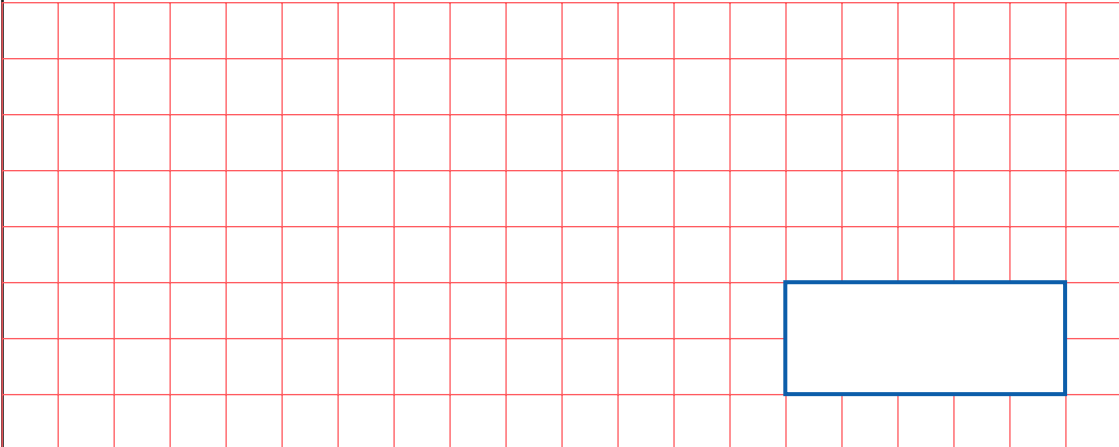
$$\begin{array}{r} 4 \ 8 \ 9 \\ x 2 \ 3 \\ \hline \end{array}$$

Show
your
method

2 marks

25

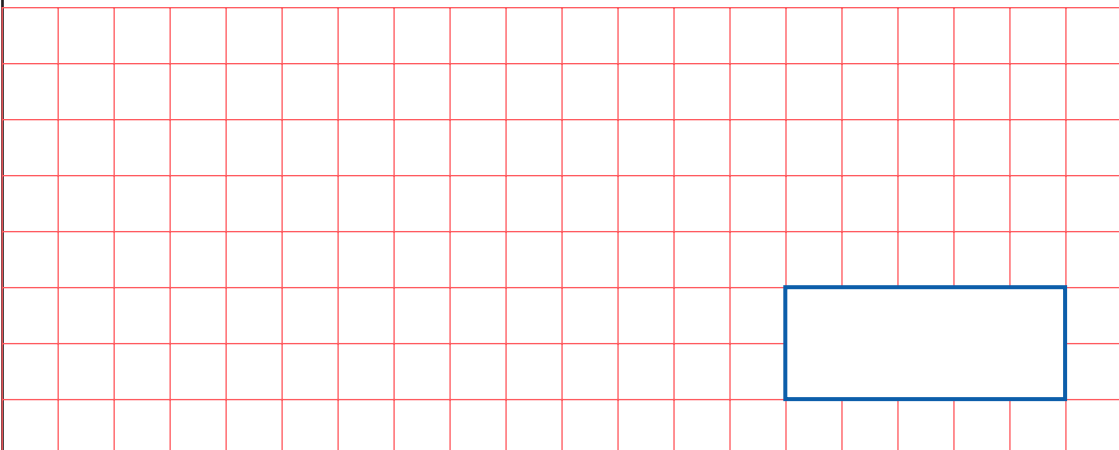
$$53.6 - 21.493 =$$



1 mark

26

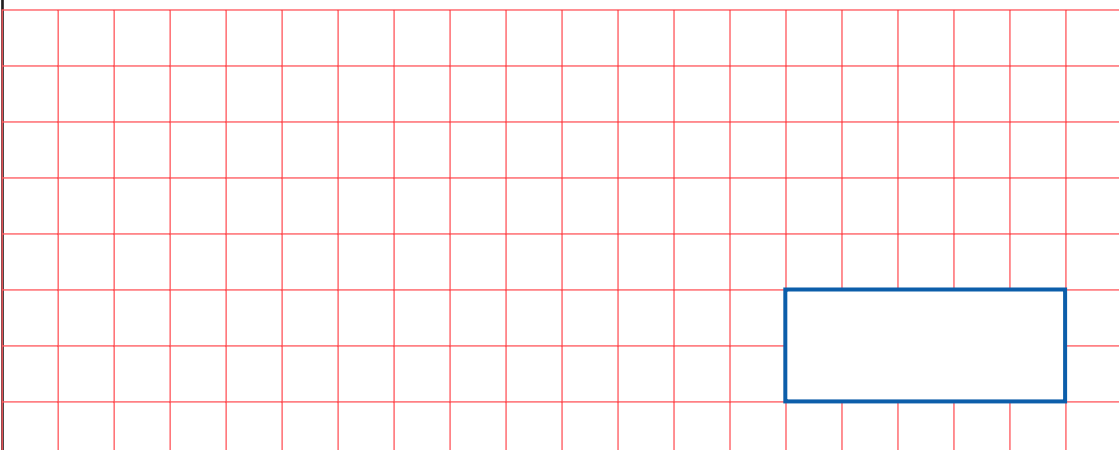
$$\frac{1}{2} + \frac{1}{3} + \frac{1}{10} =$$



1 mark

27

$$\frac{6}{7} \div \frac{1}{6} =$$



1 mark

28

$$\frac{3}{8} \div 4 =$$

1 mark

29

$$35\% \text{ of } 280 =$$

1 mark

30

$$4\frac{2}{3} + \frac{1}{6} =$$

1 mark

31

$$9\% \text{ of } 800 =$$

1 mark

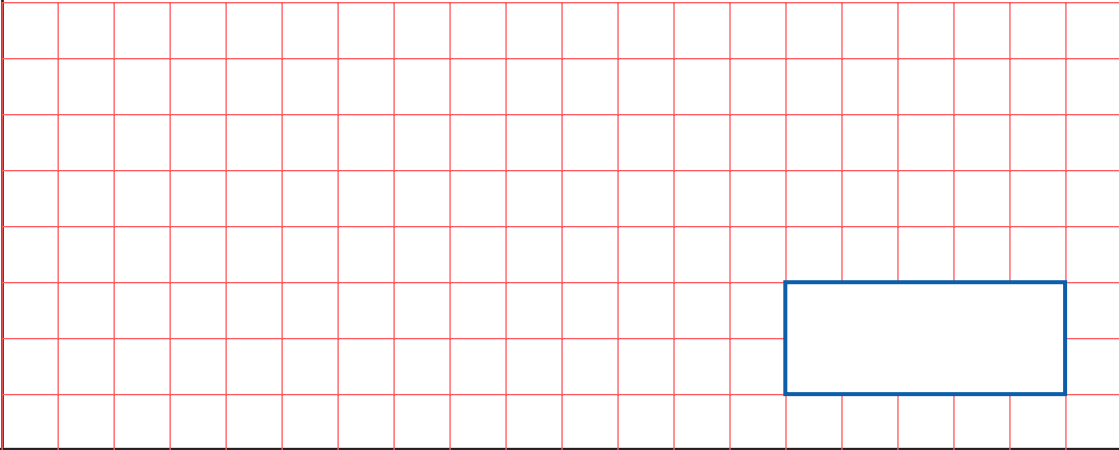
32

$$\frac{5}{6} - \frac{1}{3} =$$

1 mark

35

$$1\frac{1}{4} \times 34 =$$

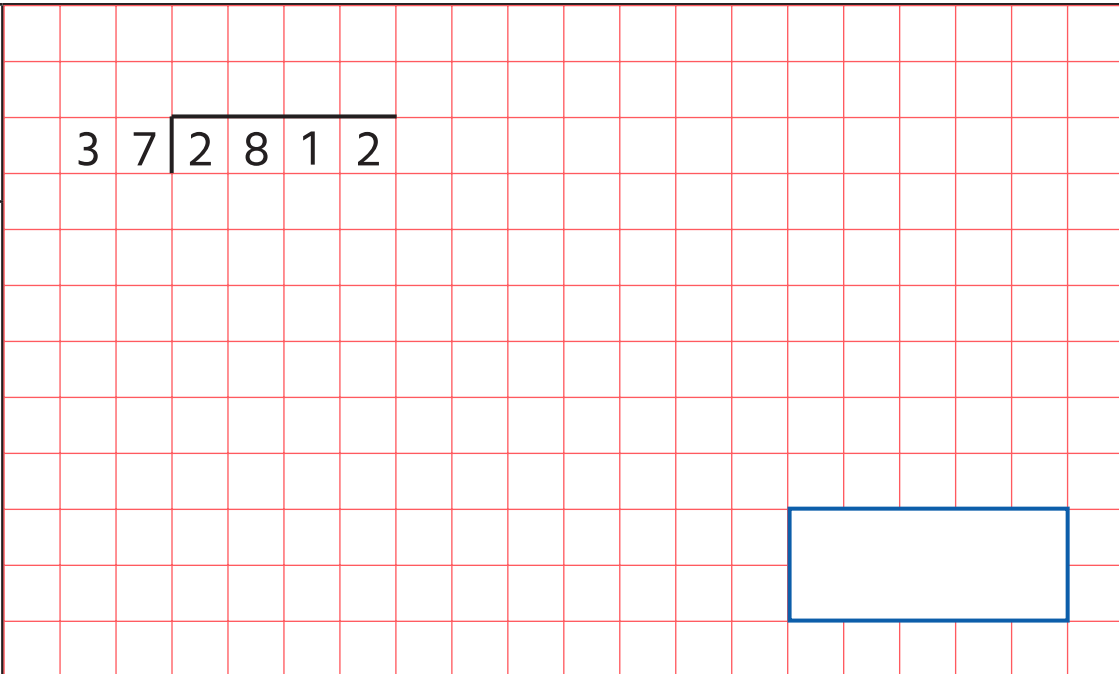


1 mark

36

3 7 | 2 8 1 2

Show
your
method



2 marks

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This test has been designed by our staff to help Explore Learning members prepare for the KS2 SATs, using questions similar to examples provided by the Standards and Testing Agency.