

2017 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

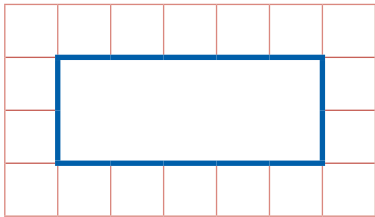
You **must not** use a calculator to answer any questions in this test.

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 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

$$40 + 1,000 =$$

1 mark

2

$$707 + 1,818 =$$

1 mark

3

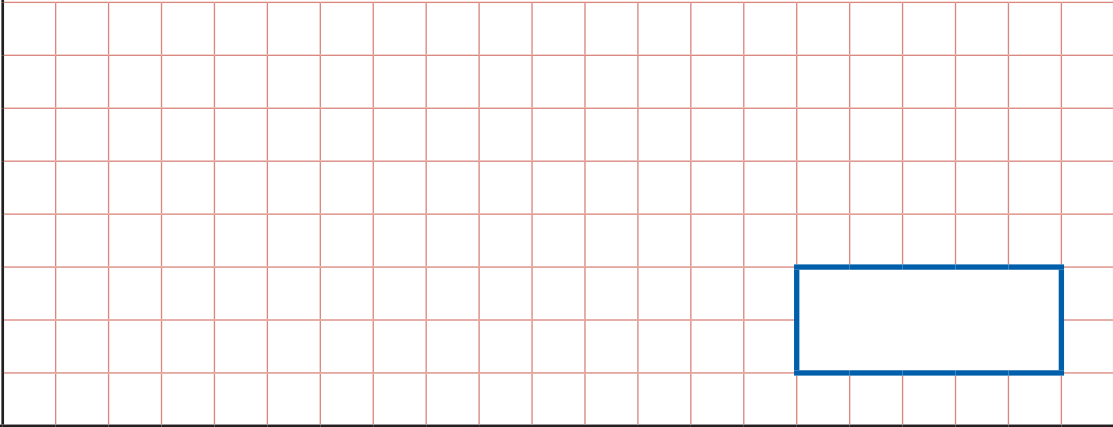
$$\frac{4}{6} + \frac{3}{6} =$$

1 mark



4

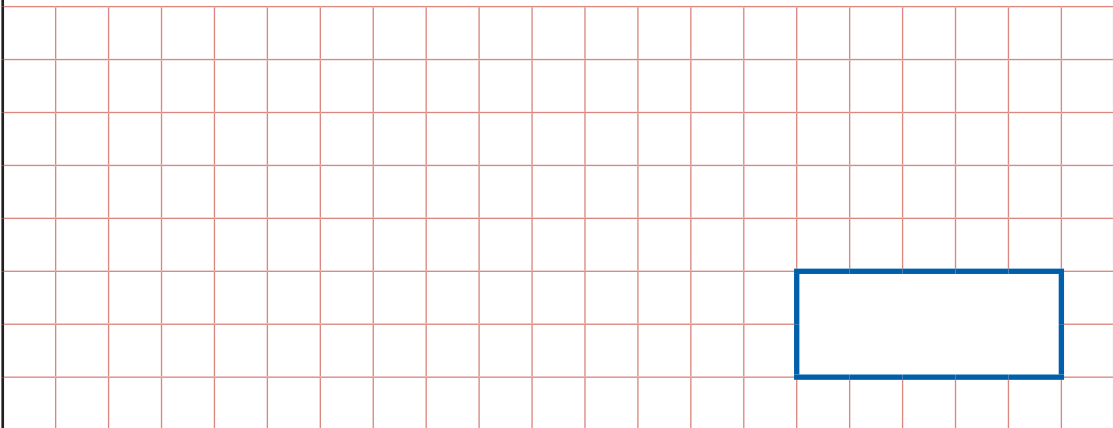
$$505 \div 1 =$$



1 mark

5

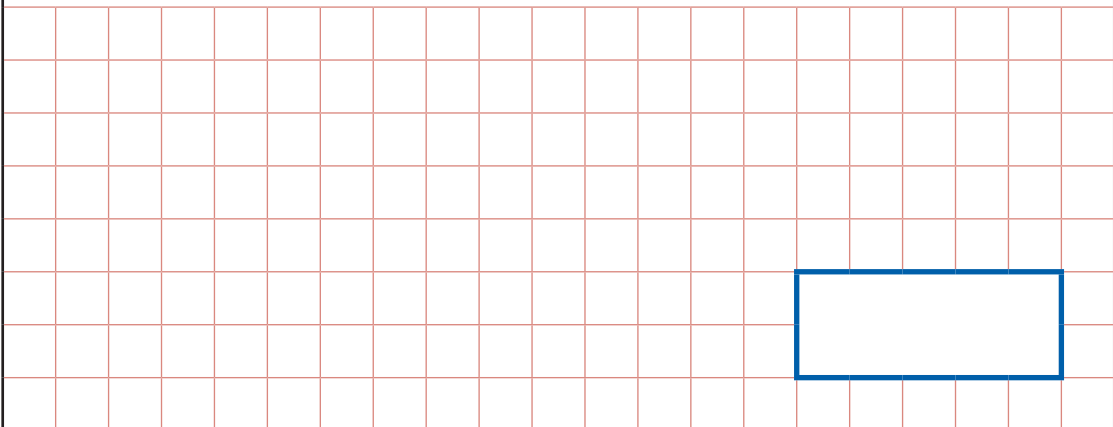
$$345 - 60 =$$



1 mark

6

$$2.7 + 3.014 =$$



1 mark



7

= 4,500 + 600

1 mark

8

$8 \times 33 =$

1 mark

9

$72 \div 9 =$

1 mark



10

$167 \times 4 =$

1 mark

11

$4,912 - 824 =$

1 mark

12

$\frac{62}{100} - \frac{38}{100} =$

1 mark



13

$$\boxed{} - 100 = 1,059$$

1 mark

14

$$50 + (36 \div 6) =$$

1 mark

15

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

1 mark



16

$30 \times 40 =$

1 mark

17

$581 \div 7 =$

1 mark

18

$0.04 \div 10 =$

1 mark



19

$$2,345 \times 1,000 =$$

1 mark

20

$$17 \overline{) 714}$$

Show
your
method

2 marks



21

$9 - 3.45 =$

1 mark

22

$$\begin{array}{r} 4781 \\ \times 23 \\ \hline \end{array}$$

Show
your
method

2 marks

23

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

1 mark

24

$$\begin{array}{r} 418 \\ \times 46 \\ \hline \end{array}$$

Show
your
method

2 marks

25

$$37.8 - 14.671 =$$

1 mark

26

$$\frac{1}{4} + \frac{1}{5} + \frac{1}{10} =$$

1 mark

27

$$\frac{4}{5} \div 4 =$$

1 mark



28

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

1 mark

29

$$45\% \text{ of } 460 =$$

1 mark

30

$$2\frac{1}{3} + \frac{5}{6} =$$

1 mark

31

7% of 500 =

1 mark

32

$\frac{2}{6} - \frac{1}{8} =$

1 mark



33

$$0.9 \times 200 =$$

1 mark

34

$$15\% \times 1,000 =$$

1 mark



35

$$1\frac{1}{2} \times 57 =$$

A large grid of red lines on a white background, intended for showing the student's work for question 35. A blue rectangular box is drawn on the right side of the grid, indicating where the final answer should be written.

1 mark

36

5 9 | 2 2 4 2

Show
your
method

A large grid of red lines on a white background, intended for showing the student's work for question 36. A blue rectangular box is drawn on the right side of the grid, indicating where the final answer should be written.

2 marks



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