

2018 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 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

$$39 + 673 =$$

1 mark

2

$$\frac{9}{11} - \frac{4}{11} =$$

1 mark

3

$$2 \times 45 =$$

1 mark



4

$$838 \div 1 =$$

1 mark

5

$$99 \div 11 =$$

1 mark

6

$$5 \times 4 \times 10 =$$

1 mark



G 0 0 0 6 0 A 0 5 2 0

7

$$7,064 - 502 =$$

1 mark

8

$$6^2 + 10 =$$

1 mark

9

$$56.38 + 24.7 =$$

1 mark



10

- 10 = 298

1 mark

11

$270 \div 3 =$

1 mark

12

$5,400 \div 9 =$

1 mark



G 0 0 0 6 0 A 0 7 2 0

13

$$60 \div 15 =$$

1 mark

14

$$\boxed{} = 5,776 - 855$$

1 mark

15

$$3,050,020 = 3,000,000 + \boxed{} + 20$$

1 mark



16

$10 - 5.4 =$

1 mark

17

$\frac{5}{7} + \frac{3}{21} =$

1 mark

18

$0.1 \div 100 =$

1 mark



G 0 0 0 6 0 A 0 9 2 0

19

$\frac{3}{4}$ of 1,000 =

1 mark

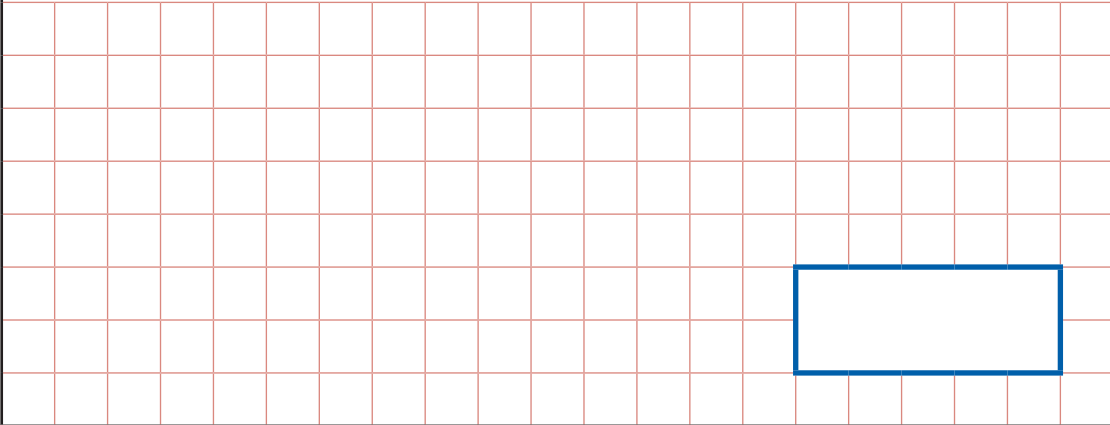
20

$$\begin{array}{r} 785 \\ \times 23 \\ \hline \end{array}$$

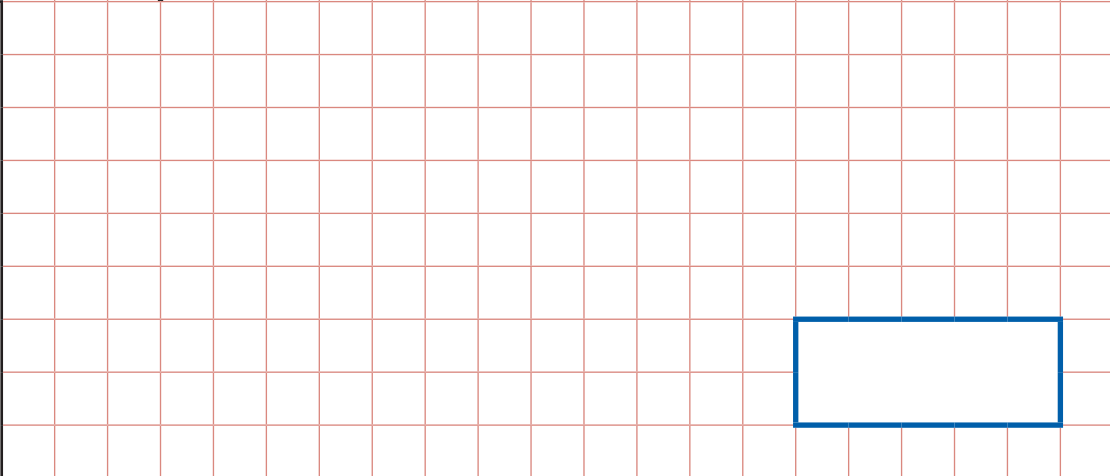
Show
your
method

2 marks



21	20% of 1,200 =	<input type="text"/>	<input type="checkbox"/>
			

1 mark

22	4 3 6 4 5	<input type="text"/>	<input type="checkbox"/>
			

Show
your
method

2 marks



23

$0.5 \times 28 =$

1 mark

24

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

1 mark

25

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

1 mark



26

$$6 - 5.738 =$$

1 mark

27

$$3.9 \times 30 =$$

1 mark



28

$$1\frac{1}{15} - \frac{2}{5} =$$

1 mark

29

$$\begin{array}{r} 5413 \\ \times 86 \\ \hline \end{array}$$

Show
your
method

2 marks



30

$$99\% \text{ of } 200 =$$

1 mark

31

$$\frac{1}{4} \div 2 =$$

1 mark

32

$$9^2 - 36 \div 9 =$$

1 mark



33

$$1\frac{1}{2} \times 40 =$$

A grid of red lines for working out the calculation. The grid is 20 squares wide and 10 squares high. A blue rectangular box is drawn on the right side of the grid, spanning 5 squares wide and 2 squares high, intended for the final answer.

1 mark

34

$$28\% \text{ of } 650 =$$

A grid of red lines for working out the calculation. The grid is 20 squares wide and 10 squares high. A blue rectangular box is drawn on the right side of the grid, spanning 5 squares wide and 2 squares high, intended for the final answer.

1 mark



35

$$4\frac{2}{3} - 1\frac{6}{7} =$$

1 mark

36

9 7 | 8 8 2 7

Show
your
method

2 marks



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Standards
& Testing
Agency

2018 key stage 2 mathematics

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