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

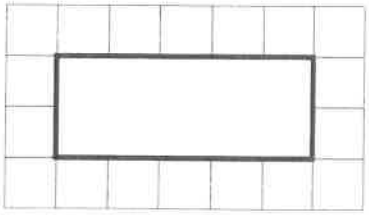
You **must not** use a calculator to answer any questions in this test.

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

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4 $838 \div 1 =$

1 mark

5 $99 \div 11 =$

1 mark

6 $5 \times 4 \times 10 =$

1 mark

7 7,064 – 502 =

1 mark

8 $6^2 + 10 =$

1 mark

9 56.38 + 24.7 =

1 mark

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10 ☐ – 10 = 298

1 mark

11 270 ÷ 3 =

1 mark

12 5,400 ÷ 9 =

1 mark

13 $60 \div 15 =$

1 mark

14 $\boxed{} = 5{,}776 - 855$

1 mark

15 $3{,}050{,}020 = 3{,}000{,}000 + \boxed{} + 20$

1 mark

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16 $10 - 5.4 =$

1 mark

17 $\frac{5}{7} + \frac{3}{21} =$

1 mark

18 $0.1 \div 100 =$

1 mark

19 $\frac{3}{4}$ of 1,000 =

1 mark

20

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

Show your method

2 marks

G 0 0 0 6 0 A 0 1 0 2 0

21 20% of 1,200 =

1 mark

22 4 3) 6 4 5

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

G 0 0 0 6 0 A 0 1 2 2 0

26 $6 - 5.738 =$

1 mark

27 $3.9 \times 30 =$

1 mark

28 $1\frac{1}{15} - \frac{2}{5} =$

1 mark

29

$$\begin{array}{r} 5\,4\,1\,3 \\ \times \quad 8\,6 \\ \hline \end{array}$$

Show your method

2 marks

30 99% of 200 =

1 mark

31 $\frac{1}{4} \div 2 =$

1 mark

32 $9^2 - 36 \div 9 =$

1 mark

33 $1\frac{1}{2} \times 40 =$

1 mark

34 28% of 650 =

1 mark

35 $4\frac{2}{3} - 1\frac{6}{7} =$

1 mark

36 $97\overline{)8827}$

Show your method

2 marks

[END OF TEST]

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