

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

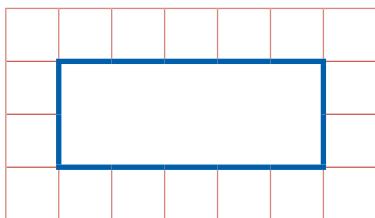
You **must not** use a calculator to answer any questions in this test.

### 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. **What is the primary purpose of the following sentence?**

1 mark

5

$345 - 60 =$

1 mark

6

$2.7 + 3.014 =$

100

1 mark



7

$$\boxed{ } = 4,500 + 600$$

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**

$$\boxed{\phantom{000}} - 100 = 1,059$$

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**

1 7 | 7 1 4

Show  
your  
method

2 marks



21

$9 - 3.45 =$

1 mark

22

			4	7	8	1
x					2	3

Show  
your  
method

1. **What is the primary purpose of the following sentence?**

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. **What is the primary purpose of the following sentence?**

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

$$7\% \text{ of } 500 =$$

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

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

1 mark

36

5	9	2	2	4	2
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## Show your method

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2 marks



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Standards  
& Testing  
Agency

2017 key stage 2 mathematics

Paper 1: arithmetic

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