

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 | | | | | | |



[BLANK PAGE]

Please do not write on this page.



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



F 0 0 0 6 0 A 0 7 2 0

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



F 0 0 0 6 0 A 0 9 2 0

19

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

1 mark

20

$$17 \overline{) 714}$$

Show
your
method

2 marks



| | | |
|-----------|--------------|--|
| 21 | $9 - 3.45 =$ | <input data-bbox="1050 573 1321 683" type="text"/> <input data-bbox="1406 568 1485 647" type="checkbox"/> 1 mark |
|-----------|--------------|--|

| | | |
|------------------|--|---|
| 22 | $\begin{array}{r} 4781 \\ \times \quad 23 \\ \hline \end{array}$ | <input data-bbox="1050 1258 1321 1368" type="text"/> <input data-bbox="1406 1254 1485 1332" type="checkbox"/> 2 marks |
| Show your method | | |



23

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

1 mark

24

$$\begin{array}{r} 1 8 \\ \times 6 \\ \hline \end{array}$$

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



F 0 0 0 6 0 A 0 1 3 2 0

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

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

1 mark

36

$$59 \overline{) 2242}$$

Show
your
method

2 marks



[END OF TEST]

Please do not write on this page.



[BLANK PAGE]

Please do not write on this page.





Standards
& Testing
Agency

2017 key stage 2 mathematics

Paper 1: arithmetic

Print version product code: STA/17/7736/p ISBN: 978-1-78644-275-8

Electronic PDF version product code: STA/17/7736/e ISBN: 978-1-78644-295-6

For more copies

Additional printed copies of this booklet are not available. It can be downloaded from www.gov.uk/government/publications.

© Crown copyright and Crown information 2017

Re-use of Crown copyright and Crown information in test materials

Subject to the exceptions listed below, the test materials on this website are Crown copyright or Crown information and you may re-use them (not including logos) free of charge in any format or medium in accordance with the terms of the Open Government Licence v3.0 which can be found on the National Archives website and accessed via the following link: www.nationalarchives.gov.uk/doc/open-government-licence.

When you use this information under the Open Government Licence v3.0, you should include the following attribution: 'Contains public sector information licensed under the Open Government Licence v3.0' and where possible provide a link to the licence.



Exceptions – third-party copyright content in test materials

You must obtain permission from the relevant copyright owners, as listed in the '2017 key stage 2 tests copyright report', for re-use of any third-party copyright content which we have identified in the test materials, as listed below. Alternatively you should remove the unlicensed third-party copyright content and/or replace it with appropriately licensed material.

Third-party content

These materials contain no third-party copyright content.

If you have any queries regarding these test materials contact the national curriculum assessments helpline on 0300 303 3013 or email assessments@education.gov.uk.

