

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 answer as a common fraction, a mixed number or a whole number as appropriate.

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

$$707 - 10 =$$

1 mark

2

$$= 6,138 + 456$$

1 mark

3

$$4 \times 702 =$$

1 mark



4

$= 8,005 + 408$

1 mark

5

$2 \times 4 \times 30 =$

1 mark

6

$= 10 \times 96$

1 mark



L 0 0 0 6 0 A 0 5 2 0

7

$7.8 + 6.953 =$

1 mark

8

$= 8,217 - 5,463$

1 mark

9

$450 \div 9 =$

1 mark



13

$$2,700 \div 3 =$$

1 mark

14

$$\frac{2}{7} \times \frac{5}{9} =$$

1 mark

15

$$747 \div 9 =$$

1 mark



$$\frac{3}{16} + \frac{5}{8} =$$

--

--	--

17

$$0.3 \div 10 =$$

[illegible]

1

18

$$\frac{1}{3} + \frac{2}{6} + \frac{5}{18} =$$

[illegible]

10

1 mark



$$29.5 - 16.125 =$$
[illegible]

--	--

1 mark

			5	0	8
×				7	4

**Show
your
method**

[illegible]

--	--

2 marks



21

$$\frac{1}{8} \div 3 =$$



1 mark

22

$$1 + \frac{2}{7} + \frac{5}{7} =$$



1 mark

23

$$70 + 48 \div 6 =$$



1 mark



L 0 0 0 6 0 A 0 1 1 2 0

$$3.2 \times 12 =$$
[illegible]

--	--

25

4	7	6	1	1
---	---	---	---	---

**Show
your
method**

[illegible]

--	--

2 marks



26

$$5,746 \div 5 =$$

--	--

--	--

1 mark

27

52% of 700 =

[illegible]

10

1 mark



28

$$\frac{1}{3} \div 6 =$$

[illegible]

--	--

1 mark

29

			5	2	2	7
×					4	3

**Show
your
method**

--	--

2 marks



30

95% of 180 =

--



1 mark

31

$$0.4 \times 37 =$$

--

1 mark



32

$1 - \boxed{} = \frac{7}{10}$

1 mark

33

2 6 | 4 4 7 2

Show your method

2 marks



34

$$2\frac{5}{6} - \frac{3}{4} =$$

--



1 mark

35

38% of 750 =

--

1 mark

36

$$\frac{2}{3} \times 900 =$$

[illegible]

1 mark



[END OF TEST]

Please do not write on this page.



[BLANK PAGE]

Please do not write on this page.





Standards
& Testing
Agency

2023 key stage 2 mathematics

Paper 1: arithmetic

Print version product code: STA/23/8717/p ISBN: 978-1-78957-630-6

Electronic PDF version product code: STA/23/8717/e ISBN: 978-1-78957-651-1

For more copies

Additional copies of this book are not available during the test window.

They can be downloaded afterwards from

<https://www.gov.uk/government/collections/national-curriculum-assessments-practice-materials>.

© Crown copyright 2023

Re-use of Crown copyright in test materials

Subject to the exceptions listed below, the test materials on this website are Crown copyright 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 material developed by the Standards and Testing Agency for 2023 national curriculum assessments and licensed under 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 '2023 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.

