

Key stage 2

Mathematics

Paper 1: arithmetic

First name	Al					
Middle name	Gee					
Last name	Brer					
Date of birth	Day	Wednesday	Month	14	Year	
School name	ST Hubberts					
DfE number	000/0000					



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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

6090

$= 6,000 + 90$

☐
1 mark

2

8277

$= 8,275 + 82$

☐
1 mark

3

$826 = 800 +$

200

$+ 6$

☐
1 mark

4

$$\boxed{346} + 5 = 341$$



1 mark

5

$$9 \times 41 =$$

$$\begin{array}{r} 41 \\ \times 9 \\ \hline 361 \end{array}$$

 $\boxed{361}$ 

1 mark

6

$$5.87 + 3.123 =$$

$$\begin{array}{r} 5.87 \\ 3.123 \\ 8.993 \end{array}$$

 $\boxed{8.99}$ 

1 mark



H 0 0 0 6 0 A 0 5 2 0

7

$180 \div 3 =$

$180 \div 3 = 6$

6



1 mark

8

$120 \div 12 =$

10



1 mark

9

$213 \times 0 =$

213



1 mark



10

$91 \div 7 =$

98

1 mark

11

$65 + 87 = 87 - 65$

1 mark

12

$602 - 102 = 594$

1 mark



H 0 0 0 6 0 A 0 7 2 0

13

$$1,210 \div 11 =$$

11

1 mark

14

$$25.34 \times 10 =$$

$$\begin{array}{r} 25.34 \\ \times 10 \\ \hline 253.4 \end{array}$$

2.534

1 mark

15

$$60 \div (30 - 24) =$$

$$60 \div 30 = 20$$

$$20 - 24 = -4$$

-4

1 mark



16

$3^3 =$

$3 + 3 + 3 = 9$

9^3

1 mark

17

$101 \times 1,000 =$

$101,100,0$

1 mark

18

$20\% \text{ of } 3,000 =$

3000×20

$60,000$

1 mark



H 0 0 0 6 0 A 0 9 2 0

19

$7 - 2.25 =$

$$\begin{array}{r} 11 \\ 700 \\ - 225 \\ \hline 985 \end{array}$$

9.85

1 mark

20

$0.9 \div 100 =$

90

1 mark

21

$9 - 1.9 =$

$$9 - 1 = 8$$

8.9

1 mark



22

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

2



1 mark

23

$$\begin{array}{r} ^4 \\ 836 \\ \times 27 \\ \hline 5692 \\ 16120 \\ \hline 21712 \end{array}$$

Show
your
method

21172



2 marks



H 0 0 0 6 0 A 0 1 1 2 0

24

$$\frac{1}{5} + \frac{3}{4} =$$

$$\frac{3}{8}$$

1 mark

25

$$\begin{array}{r} 37 \overline{) 888} \\ \underline{37} \\ 51 \\ \underline{37} \\ 26 \end{array}$$

Show
your
method

2 marks



26

$$1\frac{1}{5} + 2\frac{1}{10} =$$

$$3\frac{1}{2}$$



1 mark

27

$$35\% \text{ of } 320 =$$

$$\begin{array}{r} 320 \times 35 = \\ 300 \times 3 = 900 \\ 20 \times 5 = 100 \end{array}$$

$$1000$$



1 mark

28

$$\frac{8}{9} - \frac{1}{4} =$$

$$\frac{7}{5}$$



1 mark



H 0 0 0 6 0 A 0 1 3 2 0

29

51% of 900 =

9 0 0 ÷ 2 = 4 5 0

450.5

1 mark

30

$$\begin{array}{r}
 3468 \\
 \times 62 \\
 \hline
 6936 \\
 208080 \\
 \hline
 215016
 \end{array}$$
Show
your
method

215106

2 marks



31

$$\frac{2}{3} \div 3 =$$

$$2 \times 3 = 6$$

$$3 \times 3 = 9$$

$$\frac{6}{9}$$



1 mark

32

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

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



1 mark



H 0 0 0 6 0 A 0 1 5 2 0

33

 36% of 450 =

450%



1 mark

34

 $1\frac{3}{4} \times 10 =$

10.75



1 mark



35

$$\frac{5}{6} \times 540 =$$

$$\begin{array}{cccccccccccccccc} 5 & \times & 5 & 4 & 0 & = & 2 & 5 & 2 & 0 & \div & 2 & = & 1 & 2 & 1 & 0 \\ 6 & \times & 5 & 4 & 0 & = & 3 & 0 & 2 & 4 & \div & 2 & = & 1 & 5 & 1 & 2 \end{array}$$

$$\frac{12}{15}$$



1 mark

36

$$\begin{array}{r} 117 \\ 83 \overline{) 8051} \\ \underline{80} \\ 51 \end{array}$$

$$3 \times 17 = 51$$

Show
your
method

$$117$$



2 marks



H 0 0 0 6 0 A 0 1 7 2 0

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2019 key stage 2 mathematics

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