

# Key stage 2

## Mathematics

### Paper 4: arithmetic

First name

Middle name

Last name

Date of birth

Day

Month

Year

School name

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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

$0 \times 718 =$

1 mark

2

$20 +$

$= 105$

1 mark

3

$3.94 + 2.4 =$

1 mark



4

$$2,100 \div 3 =$$

1 mark

5

$$\boxed{\phantom{000}} + 60 = 515$$

1 mark

6

$$1,204 + 403 + 289 =$$

1 mark



7

$= 320 \div 4$

1 mark

8

$1,020 \div 5 =$

1 mark

9

$9,201 - 3,498 =$

1 mark

10

$$2,101 \times 100 =$$

1 mark

11

$$45,000 \div 9 =$$

1 mark

12

$$5 \times 6 \times 7 =$$

1 mark

13

$$1,000,000 - 50,000 =$$

1 mark

14

$$1,695 \div 5 =$$

1 mark

15

$$= 618 \times 9$$

1 mark



16

$$\frac{3}{8} + \frac{1}{4} =$$

1 mark

17

$$3.98 \div 10 =$$

1 mark

18

2 4 4 5 6

Show  
your  
method

2 marks

19

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

1 mark

20

$$22.04 \times 100 =$$

1 mark

21

$$\begin{array}{r} 636 \\ \times 74 \\ \hline \end{array}$$

Show  
your  
method

2 marks

22

$$\frac{3}{5} \text{ of } 650 =$$

1 mark

23

$$14 - 9.107 =$$

1 mark

24

$$\frac{5}{6} \div 2 =$$

1 mark



25

$$\frac{1}{4} + \frac{2}{5} =$$

1 mark

26

$$108 - 27.09 =$$

1 mark

27

6 1 3 2 3 3

Show  
your  
method

2 marks

28

19% of 4,200 =

1 mark

29

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

1 mark

30

4% of 5,000

1 mark

31

$90\% \text{ of } 102 =$

1 mark

32

$2\frac{1}{4} - \frac{2}{5} =$

1 mark

33

$$\begin{array}{r} 5209 \\ \times \quad \quad 78 \\ \hline \end{array}$$

Show  
your  
method

2 marks



34

$$10 - 2\frac{2}{3} =$$

1 mark

35

$$4 + 6 \div 2 =$$

1 mark

36

$$\frac{2}{3} \times 600 =$$

1 mark



# Answers

1.  $0 \times 718 = 0$
2.  $20 + 85 = 105$
3.  $3.94 + 2.4 = 6.34$
4.  $2,100 \div 3 = 700$
5.  $455 + 60 = 515$
6.  $1,204 + 403 + 289 = 1,896$
7.  $80 = 320 \div 4$
8.  $1,020 \div 5 = 204$
9.  $9,201 - 3,498 = 5,703$
10.  $2,101 \times 100 = 210,100$
11.  $45,000 \div 9 = 5,000$
12.  $5 \times 6 \times 7 = 210$
13.  $1,000,000 - 50,000 = 950,000$
14.  $1,695 \div 5 = 339$
15.  $5,562 = 618 \times 9$
16.  $\frac{3}{8} + \frac{1}{4} = \frac{5}{8}$
17.  $3.98 \div 10 = 0.398$
18.  $456 \div 24 = 19$
19.  $\frac{3}{7} + 1\frac{3}{4} = \frac{61}{28} = 2\frac{5}{28}$
20.  $22.04 \times 100 = 2,204$
21.  $636 \times 74 = 47,064$
22.  $\frac{3}{5}$  of 650 = 390
23.  $14 - 9.107 = 4.893$
24.  $\frac{5}{6} \div 2 = \frac{5}{12}$
25.  $\frac{1}{4} + \frac{2}{5} = \frac{13}{20}$
26.  $108 - 27.09 = 80.91$
27.  $3233 \div 61 = 53$
28. 19% of 4,200 = 798
29.  $\frac{5}{7} - \frac{2}{9} = \frac{31}{63}$
30. 4% of 5,000 = 200
31. 90% of 102 = 91.8
32.  $2\frac{1}{4} - \frac{2}{5} = \frac{37}{20} = 1\frac{17}{20}$
33.  $5209 \times 78 = 406,302$
34.  $10 - 2\frac{2}{3} = 7\frac{1}{3}$
35.  $4 + 6 \div 2 = 7$
36.  $\frac{2}{3} \times 600 = 400$