

# Key stage 2

## Mathematics

### Paper 2: arithmetic

First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
School name						

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# Instructions

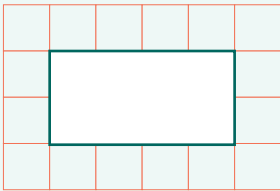
You **must not use a calculator** to answer any questions in this test.

## 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.

A 5x5 grid of squares. In the center, there is a 3x2 rectangular box with a green border, intended for writing an answer.

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

$$60 + 2,000 =$$

1 mark

2

$$208 + 2,509 =$$

1 mark

3

$$\frac{5}{8} + \frac{1}{8} =$$

1 mark

4

$$982 \times 1 =$$

1 mark

5

$$3.4 + 1.207 =$$

1 mark

6

$$815 - 80 =$$

1 mark

7

$9 \times 44 =$

1 mark

8

$480 \div 8 =$

1 mark

9

$= 3,800 + 900$

1 mark

10

$$9,083 - 612 =$$

1 mark

11

$$283 \times 6 =$$

1 mark

12

$$\frac{7}{8} - \frac{3}{4} =$$

1 mark

13

$$\frac{3}{5} \times \frac{2}{3} =$$

1 mark

14

$$- 400 = 2,704$$

1 mark

15

$$30 + (24 \div 6) =$$

1 mark

16

$0.008 \times 100 =$

1 mark

17

$657 \div 9 =$

1 mark

18

$300 \times 60 =$

1 mark

19

$7 - 1.08 =$

1 mark

20

$5,873 \times 1,000 =$

1 mark

21

1 9 9 1 2

Show  
your  
method

2 marks





28

$$\frac{5}{9} \div 3 =$$

1 mark

29

$$45\% \text{ of } 240 =$$

1 mark

30

$$1\frac{1}{4} + \frac{6}{7} =$$

1 mark

31

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

1 mark

32

$$8\% \text{ of } 3,400 =$$

1 mark

33

$$0.7 \times 1,500 =$$

1 mark

34

$16\% \times 2,000 =$

1 mark

35

$1\frac{2}{5} \times 25 =$

1 mark

36

6 4 6 2 7 2

Show your method

2 marks

# Answers

1.  $60 + 2,000 = 2,060$
2.  $208 + 2,509 = 2,717$
3.  $\frac{5}{8} + \frac{1}{8} = \frac{6}{8} = \frac{3}{4}$
4.  $982 \times 1 = 982$
5.  $3.4 + 1.207 = 4.607$
6.  $815 - 80 = 735$
7.  $9 \times 44 = 396$
8.  $480 \div 8 = 60$
9.  $3,800 + 900 = 4,700$
10.  $9,083 - 612 = 8,471$
11.  $283 \times 6 = 1,698$
12.  $\frac{7}{8} - \frac{3}{4} = \frac{1}{8}$
13.  $\frac{3}{5} \times \frac{2}{3} = \frac{6}{15} = \frac{2}{5}$
14.  $3,104 - 400 = 2,704$
15.  $30 + (24 \div 6) = 34$
16.  $0.008 \times 100 = 0.8$
17.  $657 \div 9 = 73$
18.  $300 \times 60 = 18,000$
19.  $7 - 1.08 = 5.92$
20.  $5,873 \times 1,000 = 5,873,000$
21.  $912 \div 19 = 48$
22.  $\frac{7}{9} - \frac{2}{3} = \frac{1}{9}$
23.  $94.7 - 11.083 = 83.617$
24.  $592 \times 43 = 25,456$
25.  $\frac{2}{7} + \frac{4}{5} = \frac{38}{35} = 1\frac{3}{35}$
26.  $\frac{3}{7} \div 3 = \frac{1}{7}$
27.  $5197 \times 38 = 197,486$
28.  $\frac{5}{9} \div 3 = \frac{5}{27}$
29. 45% of 240 = 108
30.  $1\frac{1}{4} + \frac{6}{7} = \frac{59}{28} = 2\frac{3}{28}$
31.  $\frac{1}{2} - \frac{1}{3} = \frac{1}{6}$
32. 8% of 3,400 = 272
33.  $0.7 \times 1,500 = 1,050$
34.  $16\% \times 2,000 = 320$
35.  $1\frac{2}{5} \times 25 = 35$
36.  $6272 \div 64 = 98$